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ASSESSMENT REPORT

describing

REVERSE CIRCULATION DRILLING

at the

DAN MAN PROPERTY

DM 1-6	YC83307-YC83312
21-114	YC83327-YC83420
115-124	YD10495-YD10504
125-427	YD60615-YD60917
428-578	YD60918-YD61068

NTS 115J/14 and 115O/03
Latitude 62°57'N; Longitude 139°20'W

Field work performed from July 28 to September 02, 2017

located in the

Whitehorse and Dawson Mining Districts
Yukon Territory

prepared by
Skivik Holding Co. Ltd.

for

ARCUS DEVELOPMENT GROUP INC.

by
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INTRODUCTION

The Dan Man property lies within the Tintina Gold District in western Yukon. The property hosts anomalous gold-in-soil geochemistry within the same favourable geological package as the adjacent Coffee Gold Project owned by Goldcorp Inc. (Goldcorp). The Coffee Gold Project contains a NI 43-101 proven and probable mineral resource of 2.16 million ounces of gold at a grade of 1.45 g/t gold (Goldcorp, 2017). The resource is contained in four separate zones and active exploration is being performed on additional zones outside the resource area.

In 2016 Arcus Development Group Inc. (Arcus) acquired the 50% interest in the Dawson Gold Project held by ATAC Resources Ltd. (ATAC). This acquisition gave Arcus 100% in four properties comprising the Dawson Gold Project including the Dan Man property.

This report describes reverse circulation (RC) drilling completed in 2017 at the Dan Man property. The fieldwork was performed between July 28 and September 02 by Skivik Holding Co. Ltd. (Skivik) and Arcus personnel. The author designed, directed and participated in the program, and his Statement of Qualifications appear in Appendix I. A Statement of Expenditures is in Appendix II.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Dan Man property comprises 564 contiguous mineral claims within the drainages of Dan Man, Halfway and Kirkman creeks. The property lies on both sides of the Yukon River. The claims are located at latitude 62°57'N and longitude 139°20'W on NTS map sheets 115J/14 and 115O/03 as shown on Figure 1. They are registered with the Dawson and Whitehorse Mining Recorders in the name of Archer, Cathro & Associates (1981) Limited (Archer Cathro), which holds them in trust for Arcus. Claim data are listed below on Table I while the locations of individual claims are illustrated on Figure 2.

Table I – Claim Data

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
DM 1-6	YC83307-YC83312	April 29, 2030
21-114	YC83327-YC83420	April 29, 2030
115-124	YD10495-YD10504	April 29, 2027
125-427	YD60615-YD60917	April 29, 2027
428-506	YD60918-YD60996	April 29, 2019
507F	YD60997	April 29, 2019
508-544	YD60998-YD61034	April 29, 2019
545F	YD61035	April 29, 2019
546-578	YD61036-YD61068	April 29, 2019

*Expiry dates include 2017 work which has been filed for assessment credit.

In late July a two person crew and supplies mobilized by fixed wing aircraft into the Thistle Creek airstrip, which lies roughly 15 km northeast of the Dan Man property. A Dornier 228 was

contracted from Alkan Air based in Whitehorse. From Thistle Creek, helicopter support was required to mobilize to the Dan Man property using an A-Star provided by Horizon Helicopters based out of Whitehorse and stationed at Goldcorp's Coffee exploration camp.

The 2017 field work was conducted from Goldcorp's long standing exploration camp initially established by Kaminak Gold Corporation (Kaminak) situated on the banks of the Yukon River 16 km east of the Dan Man exploration targets. This camp accommodated drill and field crews working on Arcus' Dan Man property using daily A-Star helicopter support provided by Horizon Helicopters.

The Coffee airstrip was used to bring supplies into camp, to ship drill samples off site to ALS Laboratory Group in Whitehorse and to demobilize crew and supplies off site at the end of the program. The various flights utilized the Beechcraft King Air and Dornier 228 aircraft operated by Alkan Air.

HISTORY

There is no public record of previous mineral exploration in the areas covered by the Dan Man property; however, reconnaissance-scale exploration has been done by various parties. ATAC staked the property in September 2008 after reviewing a non-public domain database owned by Archer Cathro.

In 1980, Archer Cathro performed regional exploration in the Dawson Range district for the NAT Joint Venture (NAT JV), which comprised Chevron Canada Limited and Armco Mineral Exploration Ltd. The NAT JV program involved reanalyses of splits from over 5000 previously collected samples for gold, silver, arsenic and lead, plus follow up geochemical sampling (Archer and Onasick, 1980). A number of samples were collected from the current Dan Man property. These samples returned background to moderately anomalous values for gold-in-silt/stream sediment (up to 40 ppb) and background to weakly anomalous values for gold-in-soil (up to 20 ppb).

In early summer 2009, Arcus optioned the Dan Man property from ATAC. Work performed in 2009 included geochemical sampling and prospecting. A total of 46 rock and 617 soil samples were collected for analysis. Results from this work were encouraging. The best rock sample returned 1.68 g/t gold and 236 ppm arsenic (Smith, 2009). Soil sampling identified two primary zones (Kambaa and Kwazulu). The Kambaa Zone lies in the south-central part of the property and comprises a 200 m wide by 600 m long area of moderately to strongly anomalous gold (up to 132 ppb), arsenic (up to 141 ppm) and antimony (up to 13 ppm) values. The Kwazulu Zone lies west of the Kambaa Zone and hosts weakly to strongly elevated gold values (up to 74 ppb) and weakly to moderately anomalous arsenic (up to 59 ppm) and background antimony values.

In summer 2010, Arcus expanded the Dan Man property based on positive early-season drill results reported by Kaminak Gold Corporation. The work performed by Arcus in 2010 comprised geochemical sampling and excavator trenching. A total of 258 soil samples were collected from the Dan Man claims on the north side of the Yukon River. The soil samples yielded background to moderately anomalous results for gold, arsenic and antimony, with peak

values of 44 ppb gold, 70 ppm arsenic and 8 ppm antimony. South of the Yukon River, three trenches were excavated over a total of 598 m. These trenches were designed to test the Kambaa Zone; however, due to extensive permafrost, the trenches failed to reach bedrock and the core of the zone was not tested. Composite chip samples of unconsolidated rock and soil were collected across five metre intervals from trench floors. The best sample returned 0.12 g/t gold, 883 ppm arsenic and 59 ppm antimony (Smith, 2011).

In 2011, Arcus conducted follow-up exploration at the Dan Man property flying helicopter borne magnetic surveys, expanding grid based soil sampling and conducting cursory prospecting. This work identified four distinct geochemically anomalous zones referred to as the Kambaa, Kwazulu, Rooibos and Bengal zones as shown in Figure 3.

Late season work in 2011 consisted of drilling ten diamond drill holes at the Kambaa and Kwazulu gold-in-soil geochemical anomalies. Drill targets were identified using a combination of anomalous gold and arsenic geochemistry, airphoto lineament analysis and total field magnetic data. Four drill holes were located at the Kambaa Zone, five drill holes were located within the Kwazulu Zone and one drill hole targeted a structural zone interpreted in the vicinity of anomalous prospecting rock samples. The four zones are briefly described in the following paragraphs.

The Kambaa Zone is characterized by a 900 x 200 m easterly trending gold-in-soil geochemical anomaly with soil values ranging from 12.5 to 132 ppb. Four drill holes were located on two section lines spaced 130 m apart to test the strongest gold-in-soil response within the broader anomaly. All holes encountered structural alteration characterized by varying intensities of texturally destructive brittle fracturing accompanied by silica flooding, sericitization, partial oxidation and intermittent brecciation. Alteration zones contain moderately to significantly elevated levels of arsenic, antimony and barium relative to the unaltered wallrocks. Narrow intervals of elevated gold responses (>250 ppb) were encountered in all holes with the best grades reporting from DM-11-03 (2.08 g/t over 4.39 m) (Smith, 2012). A compilation of the Kambaa Zone target and results is shown on Figure 4.

The Kwazulu Zone is located 2.5 km southwest of the Kambaa Zone and encompasses a 2 km area of interest defined by a weakly anomalous, intermittent gold-in-soil response. Anomalous gold values range from 12.5 to 156 ppb. The core portion of the gold-in-soil anomaly is roughly 1,200 x 200 m in size.

Five holes were drilled from three different sites to test an 800 m portion of the zone containing at least three separate interpreted structural trends. Three of the holes tested two northwesterly trending air photo lineaments approximately 600 m apart and encountered significant structural alteration between 35 and 60 m in thickness. The structural alteration is characterized by intense clay-altered shearing with multi-episodic brecciation, silicification and intermittent oxidation.

The best gold grades were encountered within a subinterval of the western Kwazulu structure yielding 1.61 g/t gold across 8.62 m within a broader alteration zone grading 0.50 g/t gold across 35.52 m. The geochemical signature of the structures within the Kwazulu Zone is best

characterized by gold and intermittent weakly elevated arsenic values (Smith, 2012). A compilation of the Kwazulu Zone target and results is shown on Figure 5.

The Rooibos Zone is located 1 km south of the Kambaa Zone and consists of a series of anomalous gold-in-soil clusters within an 800 x 100 m easterly trend. Anomalous gold values range from 12.5 to 120 ppb. No follow-up work to explain the gold-in-soil anomalies was possible as assay results were not received until after the end of the 2011 field season.

The Bengal Zone is situated 3 km east of the Rooibos Zone and hosts the strongest gold-in-soil response identified on the Dan Man property to date (12.5 to 444 ppb). Anomalous gold values are contained within a 1,800 x 500 m west northwesterly trend. Lineament analysis suggests the soil geochemical anomaly is bisected by a series of north-northwest trending structures, the orientations of which coincide with the moderately to strongly anomalous core portions of the gold-in-soil responses. No follow-up work to explain these anomalies was possible as results were not obtained until after the end of the 2011 field season.

GEOMORPHOLOGY

The Dan Man property is located in part of the Dawson Range that escaped Pleistocene glaciation and consequently, the landscape is mature with dendritic drainages forming radial fans off the flanks of upland domes.

The property is characterized by gentle to moderate relief on the north and south sides of the Yukon River. Local elevations range from 500 to 1250 m above sea level. The higher parts of the property are vegetated with scattered deciduous and evergreen trees, scrub brush and a thin moss cover. Lower elevations support a mixture of deciduous and evergreen forest with thick buckbrush-, willow- and moss- covered slopes. No part of the property is above treeline.

There is little outcrop on the property, except on the north-facing slopes flanking Halfway Creek where bedrock exposures are found.

Soil profiles in the Dawson Range are complex compared to most other places in Yukon. Due to the absence of glaciation, ridges and spines are deeply weathered and often leached. On hillsides and valley bottoms, the soil profile from surface to bedrock typically consists of the following: a layer of organic matter, which ranges from 10 to 50 cm thick; a layer of volcanic ash from the Mount Churchill eruption, which varies from 0 to 20 cm thick; a layer comprised of loess mixed with soliflucted B and C-horizon residual soil, which ranges from 0 to more than 100 cm thick; and a layer of C-horizon residual soil (Bond, 2007). Most north-facing slopes are underlain by varying thicknesses of permafrost.

All creeks draining the property flow directly into the Yukon River.

REGIONAL GEOLOGICAL SETTING

The Dan Man property lies within the Yukon-Tanana Terrane (YTT) approximately 110 km southwest of the Tintina Fault (Figure 6). YTT comprises a variety of Late Devonian to Early Mississippian metavolcanic and metasedimentary rocks, and represents both arc and back-arc

environments (Colpron et al., 2006; Piercey et al., 2006). The Tintina Fault is a transcurrent structure that experienced about 450 km of dextral strike-slip movement during the Eocene.

The following regional geological descriptions are modified excerpts from the 2016 NI 43-101 Coffee Gold Technical Report by Kaminak Gold Corp (Kaminak, 2016). Most of the geological aspects described herein for the Coffee property are applicable to the Dan Man property specifically where the 2017 exploration was conducted given the two claim blocks are conjoined along a favorable easterly geological trend.

The YTT is composed of a basal metasiliclastic sequence overlain by three subsequent volcanic arcs. The oldest component of the YTT is the Snowcap assemblage which was deposited prior to the Late Devonian, which consists of metasediments including psammitic schist, quartzite, and carbonaceous schist in addition to local amphibolite, greenstone, and ultramafic rocks (Piercey and Colpron, 2009). The Snowcap assemblage was deposited on the ancient Laurentian margin in a passive marine setting (Piercey and Colpron, 2009). The beginning of eastward subduction of the paleo-Pacific plate led to the formation of a magmatic arc at approximately 365 Ma (Colpron et al., 2006a). Rapid westward slab rollback caused significant extension, which initiated the formation of the Slide Mountain Ocean back-arc basin by approximately 360 Ma (Colpron et al., 2007). Arc volcanism during the Wolverine-Finlayson magmatic cycle (365-342 Ma) deposited submarine mafic and felsic volcanic rocks of the widespread Finlayson assemblage onto the Snowcap assemblage (Colpron et al., 2006b).

A reversal of subduction polarity during the Late Permian resulted in the western margin of Slide Mountain Ocean subducting beneath the evolving YTT (Erdmer et al., 1998). This subduction initiated a magmatic arc which was active from 269-253 Ma and formed the Klondike arc assemblage, the youngest member of the outboard YTT (Allan et al., 2013; Colpron et al., 2006a). Closure of the Slide Mountain Ocean by the Latest Permian to Early Jurassic led to the obduction of the YTT onto the Laurentian margin, causing a collisional event responsible for lower amphibolite facies metamorphism in the Dan Man and Coffee Project areas (Beranek and Mortensen, 2011). In addition, collision resulted in the development of a low-angle transpositional foliation recognized throughout the YTT (S2 of Berman et al., 2007).

Following accretion of the YTT onto Laurentia, easterly subduction caused intra-arc shortening and compressional deformation. In the Klondike and the area of the Dan Man and Coffee projects, thrust fault-bounded panels of Slide Mountain assemblage greenstone and serpentinized ultramafic occur within the tectonic stratigraphy of the YTT (Buitenhuis, 2014; MacKenzie et al., 2008). These thrust-emplaced slices are generally less than 100 m in thickness, dip to the southwest, and persist for tens of kilometres in some areas (MacKenzie and Craw, 2010 and 2012). The emplacement of these slices is contemporaneous with northeast-vergent, open to tight folding dated between 195 and 187 Ma (Berman et al., 2007).

Beginning in the early- to mid-Cretaceous, localized rapid uplift and exhumation occurred throughout the YTT in Yukon and Alaska, including the Dawson Range (McCausland et al., 2006; Dusel-Bacon et al., 2002; Gabrielese and Yorath, 1991). Extension and unroofing of the rocks of the Dawson Range was accompanied by the emplacement of the Coffee Creek granite and Dawson Range batholith (~110-90 Ma; McKenzie et al., 2013; Wainwright et al., 2011; Colpron et al., 2006; Mortensen, 1992). This localized extension and exhumation is recorded by an apparent age-resetting event observed in white mica in western Yukon-Tanana at roughly 90 Ma (Douglas et al., 2002), in rhenium-osmium dates in molybdenite (92.4 Ma), and U-Pb dates in monazite (92.5 Ma) from plutons in east-central Alaskan YTT (Selby et al., 2002). At the Coffee property, this extension

resulted in the activation of the Coffee Creek fault system, a set of dextral strike-slip faults and associated north-to-northeast brittle faults interpreted as splays off of the regional Big Creek fault to the south-east (Sánchez et al., 2013; Johnston, 1999). (Doerksen et al., 2016, p. 64-65)

PROPERTY GEOLOGY AND STRUCTURAL SETTING

Due to only rare outcrop exposure on the property (< 5%), the geological map (Figure 7) has been compiled from a combination of geological traverses, bedrock mapping, borehole data, soil geochemistry, and geophysics (magnetic and radiometric). The following geological descriptions are largely based on observations made by Kaminak which produced a detailed property scale map of the Coffee Gold Project which included much of the ground occupied by the Dan Man property. Most of the geological descriptions were observed and confirmed at various locations on the Dan Man property during prospecting, trenching and drilling campaigns.

The Dan Man Project area is underlain by a package of metamorphosed Paleozoic rocks of the YTT locally intruded south of the claims by a large granitic body in the Mid- to Late Cretaceous. The Paleozoic rock package consists of a mafic schistose to gneissic panel which overlies the Sulphur Creek orthogneiss. Both packages form the core portion of a northwest-trending antiform with shallowly dipping limbs (Figure 7).

The schistose and gneissic mafic rock package comprises a thick panel of biotite (+ feldspar + quartz + muscovite ± carbonate) schist with rare lenses of amphibolite which overlies a panel of amphibolite and metagabbro. Within the schistose panel, slices of serpentinized ultramafic are in tectonic contact with the surrounding rocks. This rock sequence overlies the augen orthogneiss. Paleozoic metamorphic rocks are cut by intermediate to felsic dykes of andesitic to dacitic composition.

Structurally, the southern Dan Man claim block (where all 2017 exploration efforts were focused), is bound by two major northwesterly trending regional faults. The northern structure parallels the Yukon River along the northern claim boundary and is referred to as the Yukon Thrust Fault. This thrust fault places the oldest Paleozoic Snowcap assemblage atop younger Late Devonian to Mississippian tonalite of the Simpson Range. The southern regional structure just south of the Dan Man claim block is the northwest trending Coffee Creek Fault, a high angle normal fault roughly paralleling the contact between metasedimentary rocks and the northern edge of the Coffee Creek granite.

Parallel northwest trending property scale faults are inferred between the larger scale regional bounding structures. These property scale faults are recognized as linear recessive zones on airphotos with coincident linear magnetic low features on the tilt derivative magnetic maps. Secondary structural orientations identified through airphoto, radiometric and tilt derivative magnetic analysis are oriented roughly 070 to 090 degrees and 000 to 020 degrees suggesting a system of Riedel shear array orientations associated with structural wrench zone dynamics. Riedel structures are believed to dip moderately to steeply toward the south and east, respectively.

The southwestern part of the Dan Man claim block is bisected by a property scale northwest trending and northwest plunging antiformal axis which also coincides with a moderate intensity

linear magnetic low feature. Most of the stratigraphic sequences underlying the property are contained within the gently to moderately northerly dipping limb of the antiform while only a small portion of the Dan Man stratigraphy forms part of the southern antiformal limb. The latter setting contains two of the most prospective gold targets on the property; the Kwazulu and Rooibos zones while the Bengal Zone is hosted in the northern limb.

2017 EXPLORATION PROGRAM

In 2017, a total of 2,880 m of RC drilling was completed in 20 holes on the Dan Man property. The drill program was designed as a reconnaissance style test of seven linear structural zones that are part of a Riedel shear array within a broad 3,500 by 800 m east trending structural corridor defining the Kwazulu and Rooibos zones. This particular trend is analogous to the neighboring Latte and Double Double zones defined by Goldcorp as part of the current Coffee gold deposit.

The majority of the Arcus drill targets were selected where tilt derivative magnetic structural lows are coincident with anomalous gold-in-soil responses. Drill holes were spaced at distances from 100 to 650 m apart. Four of the twenty holes did not reach or fully test the intended structural targets due to poor drilling conditions and two of the twenty holes tested regional structural trends outside the known gold bearing orientations. Figure 8 illustrates the drill hole locations coupled with the interpreted moderate to steeply southerly dipping structural orientations and coincident gold-in-soil geochemical responses.

The first hole was collared on August 5, 2017 and the final hole was completed on September 2, 2017. The work was contracted to Northspan Explorations LTD. (Northspan) of Kelowna, British Columbia. All drilling was done with helicopter-portable Super Hornet equipment capable of drilling to depths of 200 m. The drill was set on platforms comprising 8”x 8” timbers and 2”x 8” plank decking built on sites levelled by the Arcus crew. The Northspan RC drilling system uses the “centre sample system” where drill cuttings liberated by the bit travel directly through holes in the face of the bit and into the centre tube of the drill rods. This method is said to produce an accurate and uncontaminated sample from which results can be used for NI 43-101 compliant reporting.

Data for individual RC holes at the Dan Man property is presented on Table II.

Table II – RC Drill Hole Data

DRILL HOLE	EASTING(M)*	NORTHING(M)*	AZM	DIP	FEET	METRES
RC-KW-17-01	579670	6977075	355	-50	500	152.40
RC-KW-17-02	579889	6977101	355	-50	470	143.26
RC-KW-17-03	580213	6977136	000	-50	540	164.59
RC-KW-17-04	580213	6977136	180	-50	500	452.40
RC-KW-17-05	580404	6977132	015	-60	420	128.02
RC-KW-17-06	580441	6976963	350	-50	475	144.78
RC-KW-17-07	580695	6976947	000	-50	285	88.87

RC-KW-17-08	580614	6977150	015	-50	460	140.21
RC-KW-17-09	580650	6977318	000	-50	305	92.96
RC-RB-17-01	581617	6977031	010	-50	565	172.21
RC-RB-17-02	582283	6976943	340	-50	590	179.83
RC-RB-17-03	582622	6976961	350	-50	530	161.54
RC-RB-17-04	582776	6976962	345	-50	465	141.73
RC-RB-17-05	582945	6977000	015	-50	545	166.12
RC-RB-17-06	582990	6977175	195	-50	395	120.40
RC-RB-17-07	583052	6976964	015	-50	535	163.07
RC-RB-17-08	582500	6976720	010	-50	560	170.69
RC-RB-17-09	582690	6977200	025	-50	380	115.82
RC-RB-17-10	581145	6977110	180	-50	425	129.54
RC-RB-17-11	581145	6977110	006	-50	505	153.92

- all GPS data reported in NAD 83 Zone 7V

Approximately 11 lbs of chips per foot drilled were collected at five foot intervals for each of the holes drilled at the Dan Man property. Drilled material was directed through a cyclone into a 5 gallon cylindrical pail but because the collection system is not a closed vessel, an unknown amount of drilled material in the form of pulverized dust was lost from all holes drilled. The amount of material lost however, is not believed to be significant. At the end of each 5 foot drill run, a systematic sample was collected from the pail using a 3 inch diameter PVC “spear” to collect roughly 1 lb of material per probe. Four profile probes were collected from the top to the bottom of the pail at quarterly intervals around the circumference of the pail and an additional probe was collected from the center of the pail. All holes were sampled from top to bottom.

After the analytical sample was collected from the drilled interval, a “spear” sample of cuttings was taken diagonally from the top to the bottom of the pail. This sample was thoroughly washed and sieved from which approximately 25 cubic cm of the finer grained biased material was collected and placed in a chip tray as a representative sample for each drill run. Chips were quick logged in the field and photographed. Chip logs are contained in Appendix III.

Reverse circulation chips from the Dan Man drilling were processed in 36 sample batches with each batch including two assay standards and two blank samples. All analytical samples were double bagged and assigned a unique ALS Minerals sample tag number. Series of samples were then combined into fiber bags affixed with a uniquely numbered security tag which was cross referenced with ALS Minerals upon receiving the samples as part of the quality control protocols. A total of one thousand nine hundred and ninety-seven samples were submitted for analysis in 55 complete batches and one partial batch containing 17 samples.

Analytical work was performed by ALS Minerals with sample preparation in its Whitehorse lab and analyses in ALS Minerals labs that could accommodate analyses in a timely fashion. Upon receiving a shipment at ALS Minerals Lab in Whitehorse, each sample was logged into the system and weighed. Once samples were logged and weighed, they were then fine crushed to

70% passing 2mm. The sample was then split using a standard riffle splitter and a 1000 g sample was further pulverized to 85% passing 75 microns. This sample was then analyzed for gold by fire assay using procedure Au-ICP21 with a 30 gram charge. Elemental geochemistry was analyzed for using ME-ICP41a.

Results for control samples (standards and blanks) were mixed. Two standards late in the program failed QAQC limits but no reanalysis was conducted as there was no significant gold data reportable from these particular holes. A broad number of blank samples returned weakly elevated gold responses in many of the batches analyzed. Elevated responses ranged from 1 ppb to 6 ppb with the majority between 1 ppb and 3 ppb. While these responses are technical failures, reanalyses were not requested given all respective standards passed within reportable zones and the level of contamination was not considered significant enough to affect the overall tenor of the results. Consideration was also given to the exploratory nature of the program.

Seventy additional analyses were conducted from the remaining coarse reject material using the “screen for metallic” procedure “Au-SCR 21”. The procedure used a 1000 gm sample from the coarse reject screened to 100 micron producing an undersized and oversized fraction. Duplicate 30 gm nominal sample sizes were used for fire assay on the undersized fraction and the entire oversized fraction was analyzed by fire assay. Weights for each fraction were recorded allowing for a total weighted average contained gold calculation. Certificates of Analyses are provided in Appendix IV.

All drill holes targeting the easterly-trending Riedel structural zones intersected visual alteration. The most common alteration assemblages consist of varying colored clays, varying levels of pyritization, oxidation and silicification. The presence of clays is associated with the alteration of feldspar in the host gneiss and schist assemblages. These alteration characteristics were encountered in subcrop at a number of drill pads specifically where gneissic host rocks exhibited white, tan and yellow clay alteration in addition to patchy and stringer-style medium and dark brown oxidation. This particular alteration was also easily identifiable during the sample processing stage as the collected sample material exhibited a distinct clay color and was texturally akin to flour in contrast to the more granular unaltered material. In addition, the clay altered samples were significantly lighter in weight than unaltered material. Silicification was only interpreted through observation of drill chips in intervals where little to no accessory host rock minerals such as biotite, feldspar or hematite was observed. These particular intervals primarily comprised finer fraction cream to white silica sometimes containing fresh pyrite (Kwazulu Zone) or oxide coatings (Roobios Zone). Gold responses associated with all structural zones encountered by drilling varied from hole to hole. Significant intersections from the recent program are described in the following paragraphs:

Kwazulu Zone

The Kwazulu Zone encompasses a 1500 m by 450 m area of interest defined by a weakly anomalous semi-continuous gold-in-soil response. Anomalous gold values range from 12.5 to 156 ppb. The zone hosts a series of east and northwest trending linear tilt derivative magnetic lows interpreted to coincide with structural zones coincident with the surface gold-in-soil geochemistry.

Nine RC drill holes were located at strategic sites along the Kwazulu Zone to broadly test portions of 5 interpreted structural segments along a dominant easterly trend and interpreted moderate to steep southerly dips. Several holes tested locations where structural junctions were indicated and the spacing between drill pads ranged from 200 m to 320 m along trend.

One diamond drill hole, DM-11-08, was located in the Kwazulu Zone in 2011 and it encountered structural alteration characterized by intense clay-altered pyritic shearing with multi-episodic brecciation, silicification and intermittent oxidation. The best interval in this historical drill hole yielded 1.61 g/t gold across 8.62 m within a broader alteration zone grading 0.50 g/t gold across 35.52 m. The geochemical signature of the structures within the Kwazulu Zone is best characterized by gold and intermittent weakly elevated arsenic values.

RC-KW-17-03, 05 and 08 were located along a 650 m long structural trend defined in 2011 by diamond drill hole DM-11-08. RC holes peripheral to DM-11-08 encountered similar gold grades but across narrower intervals. Alteration zones cut in holes RC-KW-17-03 and 05 yielded semi-continuous anomalous gold response (>25 ppb and many intervals >100 and >200 ppb) across widths in excess of 100 m and RC-KW-17-05 was shut down prematurely in a gold bearing zone due to complications. Significant gold results from the Kwazulu Zone are listed in Table III and all Kwazulu drill sections are contained in Appendix V.

Table III – Kwazulu Gold Results

Hole	From (m)	To (m)	Interval (m)	Au (g/t)
RC-KW-17-03	91.44	92.96	1.52	2.23
RC-KW-17-05	74.68	76.20	1.52	1.40
	92.96	94.49	1.52	0.45
	120.40	124.97	4.57	0.56
RC-KW-17-08	4.57	6.10	1.52	0.52
	25.91	44.20	18.29	0.53
Including	38.10	41.15	3.04	1.04

Notes - RC holes are sampled per 5' drill rod and the 'From/To' meters are subsequently converted to metric; the converted depth measurements quoted at 2 decimal places does not indicate centimeter accuracy of sampling. True width of intersected mineralized zones is estimated to be 70 - 80% of the downhole width.

Rooibos Zone

The Rooibos Zone is a 1900 m extension of the Riedel structural system developed between the two main northwesterly trending faults transecting the southern part of the Dan Man claim block. The Riedel trend appears to be an eastward extension from Kwazulu slightly offset by a north northwest-trending drainage likely coincident with a steeply dipping fault.

The gold-in-soil geochemical signature of the Rooibos Zone is less continuous than the Kwazulu Zone and contains scattered point anomalies in the western part of the zone but well defined linear clusters of moderate and strongly anomalous gold response in the eastern part of the zone.

Three diamond drill holes drilled from two pads spaced 200 m apart in 2011 within the western Rooibos Zone partially tested two structural zones with weak to no surface gold-in-soil geochemical response. All holes encountered structural alteration with elevated arsenic values relative to background but only DM-11-07 yielded anomalous gold response of 0.22 g/t across 37.24 m. This hole intersected an intensely sheared and pyrite-rich clast and matrix supported breccia. The breccia zone varies in color from deep orange to pale green. Silicification increases at depth and a distinct iron-rich fluid front overprinted brecciation in a number of areas. Re-brecciated clasts are contained within limonite or ankerite cement. A late structural event introduced fine pyrite into the system.

In 2017, eleven RC holes were located to test a variety of easterly trending structural zones as well as the broader bounding northwest trending structure at the eastern end of the Rooibos Zone. Drill spacing varied from 100 to 650 m apart testing isolated portions of five separate structural segments most of which are supported by gold-in-soil responses.

RC-RB-17-03, 05 and 07 tested the eastern-most portion of the structural zone with strongly coincident gold-in soil geochemical response along an 800 m portion of the trend. Three of four holes drilled along this trend returned > 1g/t Au across narrow intervals within narrow anomalous gold envelopes not exceeding 15 m.

Significant gold results from the Rooibos Zone are listed in Table IV and all Rooibos drill sections are contained in Appendix VI.

Table IV – Rooibos Gold Results

Hole	From (m)	To (m)	Interval (m)	Au (g/t)
RC-RB-17-03	76.20	77.72	1.52	1.24
RC-RB-17-05	73.15	80.77	7.60	2.13
Including	74.68	79.25	4.56	3.27
Including	77.72	79.25	1.52	6.83
RC-RB-17-07	24.38	25.91	1.52	0.97
	141.73	143.26	1.52	1.77
	146.30	149.35	3.04	0.72

Most of the remaining RC drill holes encountered anomalous gold values across variable widths as demonstrated on the cross sections within or near interpreted structural zones. Gold values obtained from cuttings however, were of similar tenor or only modestly enhanced relative to the gold responses from surface soil samples. An example of this is from RC-KW-17-02 which returned four narrow intervals of >450 ppb gold within a 35 m section of continuously anomalous gold response exceeding 25 ppb.

DISCUSSION AND CONCLUSIONS

The Dan Man property lies within a highly prospective suite of rocks in the Dawson Range Gold Belt immediately adjacent to the Coffee Gold project currently being explored and advanced by Goldcorp. The 2017 exploration program at the Dan Man property successfully identified gold-

bearing structural alteration zones along seven separate structural segments of a Riedel shear system developed between two property scale fault zones.

Interpreted structural trends defining the Kwazulu and Rooibos zones were identified primarily using magnetic low linear features from the tilt derivative magnetic data where they coincided with anomalous gold-in-soil response. Some of these features show excellent correlation for strike lengths up to 1900 m at the Rooibos Zone. All reverse circulation drill holes targeting interpreted structural features encountered alteration zones at or near the expected intersections where holes reached target depths.

Alteration observed in drill cuttings is best identified by the color, texture and weight of the sample. Fresh samples in gneissic zones exhibit white to pink coloration with sucrosic granular texture. Alteration zone samples are typically bleached yellow to tan to dark brown oxide color with a much finer flour texture. Samples of altered material are also significantly lighter in weight than fresh material. This observation was noted at the Kwazulu Zone which is believed to host mostly sulphide bearing mineralization as well as the Rooibos Zone which is interpreted to host mostly oxide mineralization. The sample mass at Kwazulu is suspected to be lighter than the surrounding fresh material given the ratio of contained sulphide to clay alteration in the mineralized zone.

Associated arsenic response within the Kwazulu alteration zones is generally subdued and poorly correlated to anomalous gold intervals with arsenic values rarely exceed 100 ppm. Where gold is elevated in alteration zones, arsenic values are also elevated but generally only relative to background rarely exceeding 150 ppm. The strongest arsenic response within the Kwazulu Zone was obtained from RC-KW-17-02 where a single interval returned 2960 ppm arsenic and 0.58 g/t gold. The strongest gold response was obtained from RC-KW-17-03 where a single interval returned 2.23 g/t gold and 180 ppm arsenic.

Elemental correlations within the Rooibos Zone were better than those at the Kwazulu but still generally exhibit weak arsenic response with corresponding elevated gold response. The strongest correlations for gold and arsenic were observed in RC-RB-17-05 with a single sample in the main structural zone returning 0.62 g/t gold and 2000 ppm arsenic. The highest gold grade from the program was also part of this structural alteration zone, a sample of which yielded 6.83 g/t gold and 1250 ppm arsenic.

Most of the interpreted surface structural zones with supporting gold-in-soil geochemical responses encountered elevated gold-bearing intervals at or near target depths. The tenor of the mineralization at depth, however, is of similar magnitude to the surface gold-in-soil responses and in some cases across broad intervals up to 100 m down-hole thicknesses. In other cases, gold-bearing zones encountered in drill holes are much narrower than the surface gold-in-soil responses suggesting significant surface dispersion.

The exploratory RC drilling at the Dan Man property has successfully identified gold-bearing structural zones with similar trends to the adjacent Latte and Double-Double zones at the Coffee Project. Targeting parameters at the Dan Man property utilizing the tilt derivative magnetic data

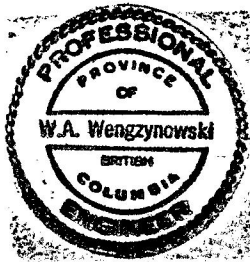
and surface geochemical data appears to be sound; however, consideration must be given to the potential for false negative geochemical data given the adverse surface sampling conditions.

Grade-thickness results for the best holes at Kwazulu and Rooibos are low but individual interval gold grades from a number of holes are significant. Continued exploration at the Dan Man property is warranted and should be focused at the Bengal Zone 4 km along strike to the east of the Rooibos Zone. The Bengal Zone hosts the strongest and most continuous gold-in-soil geochemistry on the property. The tilt derivative magnetic data at this location is somewhat more complex than the Kwazulu and Rooibos zones but given the tenor of the surface geochemistry, drilling is warranted to explore for more robust grade-thickness zones on this part of the property.

Respectfully submitted,

SKIVIK HOLDING CO. LTD.


W.A. Wengzynowski, P.Eng.



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APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, William A. Wengzynowski, Geological Engineer, with business address in North Vancouver, British Columbia and residential address in North Vancouver, British Columbia do hereby certify that:

1. I graduated from the University of British Columbia in 1998 with a B.A. Sc. in Geological Engineering Option I.
2. From 1983 to present, I have been actively engaged in mineral exploration in the Yukon Territory, British Columbia and to a lesser degree globally.
3. I am a Professional Geological Engineer (P.Eng.) with the Association of Professional Engineers and Geoscientists of British Columbia (Professional Number 24119).
4. I have personally directed and participated in the fieldwork reported herein and have interpreted all data resulting from this work.



William A. Wengzynowski, B.A. Sc., P.Eng.



APPENDIX II
STATEMENT OF EXPENDITURES

Statement of Expenditures
DM 1-6, 21-427 Mineral Claims
February 25, 2018

Contract Reverse Circulation Drilling

Northspan Explorations Ltd.

\$413,200.07

APPENDIX III
FIELD RC CHIP LOGS

KW-17-01

- 0 - 15' : GREY-PINK WEATHERING GNEISS.
- 15 - 30' : MED TO FINE GRAINED FRAGMENTS. TAN-ORANGE-RED ALTN.
MU > BI, SOME SECONDARY QUARTZ, GNEISS HOST.
- 30 - 35' : GNEISS MU-BI, COARSE FRAGS.
- 35 - 40 : BI >> MU SCHIST
- 40 - 55 : GNEISS MU-BI - COARSE TO MED-FINE FRAGS.
MINOR ROOT COATINGS.
- 55 - 65 : BI-MU SCHIST. MINOR ORANGE CLAY ALT.
- 65 - 85 : GNEISS MU-BI COARSE > MED > FINE FRAGS. MINOR ROOT COATINGS
- 85 - 95 : SCHIST - BI-CHL-MU. ABUNDANT RUSTY COATINGS.
- 95 - 125' : GNEISS MU-HM-BI. MINOR RUSTY COATINGS
- 125' - 130' : BI-CHL-MU SCHIST.
- 130 - 140' : GNEISS - MU-HM-BI
- 140 - 150 : GNEISS - MU-HM-BI → STRUCTURAL ZONE BUT NO ALTN.
- §§ 150 - 265' : GNEISS - MU-BI I HM MED & FINE FRAG DOMINANT
ABUNDANT RUSTY COATINGS AND POSSIBLE SECONDARY TRIP QUARTZ
- 265 - 275' : GNEISS MU-BI - COARSE FRAGS.
- 275 - 285' : SCHIST QTZ-BI-CHL-MU. MINOR RUSTY SECONDARY QUARTZ.
- 285 - 300 : GNEISS MU-HM-BI
- 300 - 305 : SCHIST BI-CHL-MU-Qtz.
- §§ 305 - 355 : GNEISS MU-BI-HM FINE AND MED FINE DOMINANT WITH POSSIBLE
SECONDARY SILICA. LOOKS LIKE STRUCTURAL ZONE BUT LIMITED
CLAY ALTERATION.
- 355 - 370 : SCHIST BI-CHL-MU
- 370 - 380 : GNEISS - MU-HM-BI COARSE-MED FRAGS
- §§ 380 - 390 : GNEISS - MU- ABUNDANT ORANGE CLAY COATINGS ACCOMPANIED
BY MANGANESE DENDRITES. ABUNDANT SECONDARY QUARTZ.
- 390 - 425' : GNEISS MU-BI COARSE FRAGS LITTLE TO NO ALT.
- §§ 425 - 430' : GNEISS MU-BI-MN SECONDARY QTZ FINE FRAGS MINOR
ROOT COATINGS TRACE CLAY ALT
- 430 - 435 : GNEISS MU-BI COARSE FRAGS.
- §§ 435 - 440 : GNEISS MU-Mn FINE FRAGS SECONDARY QUARTZ
ABUNDANT ROOT COATINGS
- 440 - 445 : GNEISS - MU-BI COARSE FRAGS.
- 445 - 455 : SCHIST - CHL-BI "
- 455 - 460 : GNEISS MU-HM. "
- 460 - 490 : GNEISS/SCHIST MIX "
- 490 - 500 : GNEISS MU-HM-BI "

KW-17-02

- 0-5' : GNEISS TALUS.
- 5-10' : GNEISS Mu-HM-Bi COARSE/MED FRAGS
- 10-15' : GNEISS/SCHIST Mu-Bi- FINE FRAGS ABUNDANT RUSTY COATINGS.
- 15-35' : GNEISS Mu-Bi-HM COARSE FRAGS MINOR RUSTY COATINGS FROM
- §§ 35-45' : GNEISS Mu-Bi SECONDARY QUARTZ WITH RUSTY COATINGS Mn
- 45-130' : GNEISS Mu-Bi-HM COARSE - MED - FINE FRAGS
RUST COATINGS ASSOC w/ Bi ALL Qtz FRAGS CLEAR (FORMATIONAL).
- §§ 130-135' : GNEISS Mu >> Bi-HM MED & FINE FRAGS ABUND ORANGE/RUST COATINGS
NO Mn.
- 145-150' : WITH QUARTZ. WITH CLAY TO PALE ORANGE CLAY ALT.
- §§ 155-190' : GNEISS Mu > Bi > HM COARSE - MED - FINE FRAGS.
RUSTY COATINGS AND NARROW INTERVALS OF SECONDARY Qtz.
- 190-195' : GNEISS Mu-Bi / SCHIST Bi > Mu MIX.
- §§ 195-230' : GNEISS Mu >> Bi MILD TO MOD BLEACHING w/ WHIT CLAY COATINGS
(200-215). ALL Qtz LOOKS FORMATIONAL.
- §§ 230-235' : GNEISS/SCHIST.
- §§ 235-240' : GNEISS
- 240-255' : GNEISS Mu-Bi
- §§ 255-310' : GNEISS Mu >> Bi MED-FINE FRAGS w/ INTERMITTENT CLAY ALT INTER
SOME SECONDARY Qtz. RUSTY COATINGS.
- 310-320' : GNEISS - Mu-HM MINOR RUSTY SURFACES
- 320-330' : GNEISS / SCHIST MIX (Bi-Mu)
- 330-380' : GNEISS Mu-Bi COARSE-MED FRAGS w/ RUSTY COATINGS FROM Bi OX.
- 380-390' : GNEISS - Mu-HM-Bi / SCHIST Mu-Bi-CHZ MIX COARSE-MED FRAGS.
- 390-430' : GNEISS Mu-Bi-HM
- §§ 430-435' : GNEISS Mu >> Bi > HM CRUSTED STRUCTURAL ZONE.
- 435-470' : GNEISS Mu > Bi > HM. COARSE FRAGS - MINOR RUSTY COATINGS.

KW-17-03

- 0 - 10' : RUBBLE
- 10 - 40' : GNEISS Mu-Bi Rusty coatings w/ Mn Coarse-Med frags
- § 40 - 45' : GNEISS Mu Abundant secondary quartz - w/it - Rusty surfaces.
- 45 - 55' : GNEISS Mu >> Bi Rusty coatings Coarse-Med frags.
- § 55 - 70' : GNEISS Mu-SER Abundant secondary w/it Qtz - Minor clay coating
Fine frags.
- § 70 - 96' : GNEISS Mu > Bi Minor clay act Minor 2nd Qtz. Med-fine frags.
Mod Rusty.
- § 95 - 180 : GNEISS Mu > Bi Moderate Cream-tan clay act. Moderate-Minor
2nd Qtz w/it Rusty coatings. Coarse-Med-fine frags
- ' 180 - 185 : GNEISS/SCHIST MIX.
- § 185 - 340 : GNEISS Mu >> Bi FINE FRAG DOMINANT Minor clay act and rusty
coatings THROUGHOUT. MOST QUARTZ FM - NOT 2nd.
Mn ASSOC. w/it Rust coatings.
NOTHING SPECIAL ABOUT MINORALUS GOLD SECTIONS OR 2.23 g/t Au
@ 300-305.
- 340 - 350 : GNEISS - Mu - NO STRUCTURE - NO ACT Coarse frags
- § 350 - 355 : GNEISS - Mu-Mn CLEAR rusty Qtz ALL FINE FRAGS.
- 355 - 365 : GNEISS/SCHIST MIX Bi
- 365 - 375 : GNEISS Mu NO STRUCTURE NO ACT. GREY.
- § 375 - 385 : GNEISS Mu-Bi Rusty coatings GLASSY FM Qtz. Minor clay act
Minor Mn.
- 395 - 400 : GNEISS Mu NO STRUCTURE NO ACT. Coarse frags.
- § 400 - 415 : GNEISS Mu CLAY ACTIN Rusty coatings. FINE FRAG DOM.
- 415 - 425 : GNEISS Mu - NO STRUCTURE NO ACT.
- § 425 - 445 : GNEISS Mu >> Bi Cream Clay act. Rusty coatings FINE FRAGS.
- 445 - 450 : GNEISS Mu-Bi - NO ACT.
- § 450 - 515 : GNEISS Mu MED-FINE FRAGS W/IT + CLEAR Qtz CREAM-ORANGE
Clay actin.
* ORANGE CLAY ACT MOST NOTICEABLE AT 485-490!
- 515 - 540 : GNEISS Mu-Mn-Bi - FRESH.

KW-17-04

- § 0 - 95 : GNEISS Mu-Bi-Mn MED-FINE FRAGS DOMINANT RUOY SURFACES
CLEAR FM Qtz. ABUNDANT ORANGE-CREAM CLAY OUT.
- 95 - 110 : GNEISS Mu > Bi NO STRUCTURE/ALT.
- § 110 - 135 : GNEISS Mu > Bi MED-FINE FRAGS MINOR RUOY CONTINGES
MINOR CREAM CLAY OUT.
- § 135 - ~~165~~³³⁵ : GNEISS Mu-Bi-Mn FINE FRAGS ABUNDANT RUOY CONTINGES
ASSOC w/ Mn. FELDSPARS IN GNEISS EXHIBITING MED CLAY OUT.
- § 335 - 350 : GNEISS HM-Mu-Bi FINE FRAGS - LITTLE TO NO ALT.
- 350 - 395 : GNEISS Mu-Bi-Mn MED-FINE FRAGS CLAY ACT FELDSPAR
MINOR CHLORITE ALT.
- 395 - 430 : GNEISS Mu-HM - LITTLE TO NO ALT. MED-FINE FRAGS
- 430 - 455 : GNEISS Mu-Bi-HM MED-FINE FRAGS MILD CLAY ACT. RUOY CONTINGES
- 455 - 470 : SCHIST Bi-CHL-HM
- § 470 - 480 : GNEISS Mu-HM STRONG ORANGE CLAY OUT + RUOY CONTINGES
- 480 - 485 : GNEISS HM-Mu NO STRUCTURE/ALT.
- 485 - 500 : SCHIST Bi-CHL.

KW-17-05

0-5': RUBBLE

5-80': GNEISS Mu-ITM-Bi COARSE-MED-FINE FRAGS. Abund RUST COATINGS

80-200: GNEISS Mu >> Bi MED-FINE FRAGS. Cream clay ALT FELDSPAR
RUST COATINGS w Mn. FINE GLASSY + WHT QTZ Mostly FM.

§ 200-220: GNEISS - Mu FINE FRAGS Clear-w/ 2nd ary QTZ Rusty COATINGS
SIGN OF YELLOW-ORANGE clay ACTN.

§ 220-255: GNEISS - Mu FINE FRAGS * INTENSE CLAY ACTN - YELLOW-ORANGE-CREAM
240-255: 50% clay with GREY pyritic QTZ FRAGS.

§ 255-315: GNEISS Mu >> Bi - Mn. WEAKLY BUZZERED AND MILD clay ALT

§ 315-335: GNEISS Mu > Bi - Mn. RUSTY COATINGS

§ 335-395: GNEISS Mu >> Bi - Mn MED-FINE FRAGS clear-w/ FM QTZ
Minor 2nd ary.

§ 395-410: INTENSE Cream-orange clay act. with crushed GNEISS FRAGS.
Clear-w/ QTZ DOMINANT. - NOT A lot OF 2nd QTZ

410-420: GNEISS Mu > Bi MILD clay act

KW-17-06

- 0 - 20' : RUBBLE
- 20 - 300' : GNEISS MU-ITM-Bi NO STRUCTURE/ALT. COARSE-MED FRAGS
- §§ 300 - 410' : GNEISS MU >> Bi MINOR WHITE CLAY ALT MOSTLY CLEAR
FM QTZ MINOR Mn. MED-FINE FRAG DOMINANT.
- §§ 410 - 430' : GNEISS MU > Bi WEAK ORANGE-CREAM CLAY ALT.
ABUNDANT RUSTY COATINGS TRACE PY MINOR Mn.
- §§ 430 - 435' : * WHIT/OPAQUE QUARTZ FLOW ZONE GREY CLAY ALT N
ABUNDANT COARSE PY * (15+%).
- §§ 435 - 465' : GNEISS MU-SOL STRONG QTZ FLOWING RUSTY COATINGS OX.
TRACES RESIDUAL PY.
- §§ 465 - 475' : * QUARTZ FLOW ZONE GREY-WHT-OPAQUE QUARTZ
ORANGE-CREAM CLAY ALT. ABUNDANT PY. (10%).

→ SHOULD HAVE KEPT GOING ←

KW-17-07

- 0-15' : RUBBLE
- 15-25' : GNEISS Mu > Bi No STRUCTURE/ALT. COARSE FRAGS.
- 25-30' : GNEISS/SCHIST (Bi-Mu) MIX. FINE FRAGS.
- 30-45' : GNEISS Mu-HM-Bi No STRUCTURE/ALT. COARSE-MED FRAGS.
- 45-70' : GNEISS Mu > Bi " " "
- 70-210 : GNEISS Mu >> Bi RUOY COATINGS FINE FRAGS
MOSTLY CLEAR FM QTZ. MINOR SERICITE.
NO STRUCTURAL ACTN
- 210-215 : GNEISS Mu > Bi ABUNDANT OXIDATION AND RUOY COATINGS.
FINE FRAGS.
- 215-220' : SCHIST Bi-Mu. NO ALT.
- 220-230 : GNEISS/SCHIST MIX RUOY COATINGS COARSE-MED-FINE FRAGS.
- 230-235 : GNEISS Mu >> Bi CREAM BLEACHED CLAY ALT FELD SPARS.
ORANGE-RUOY COATINGS (WEAK).
- 235-265 : INTENSE STRUCTURAL ZONE CLAY ALT GNEISS - MINOR 2nd QTZ
250-265 (Brom-orange CLAY).
- 265-285 : GNEISS/SCHIST MIX ONLY WEAK ALT.

KW-17-08

- 0 - 10' : RUBBLE
- §§ 10 - 30' : GNEISS MU-SER BLEACHED CLAY ALT FELDSPAR WITH OXIDE
COATINGS w/ Mn. CLEAR FM QTZ AND WHITE 2ndary QTZ
FINE FRAGS.
- 30 - 45' : SCHIST Bi-Mu RUSTY COATINGS.
- 45 - 80' : GNEISS MU > Bi MINOR BLEACHING AND 2ndary QTZ.
RUSTY COATINGS AND Mn. - NOT MUCH CLAY.
- §§§ 80' - 145' : GNEISS MU-SER > Bi STRONG BLEACHED APPEARANCE
OXIDE AND RUSTY COATINGS. ABUNDANT 2nd QTZ - WHI-OPAQUE
TRACES OF OXIDIZED PYRITE IN 2nd QTZ.
- §§§ 145 - 165' : GNEISS DECREASE IN QTZ CONTENT (2ndary). FINE-FRAGS.
LESS BLEACHING - MORE RUSTY COATINGS
- §§§ 165 - 230' : GNEISS MU > Bi STRONG CLAY ACTN OF FELDSPARS FINE FRAGS.
RUSTY COATINGS Mn.
- 230 - 295' : GNEISS HM-Mu-Bi NO STRUCTURE/ALT.
- 295 - 300' : SCHIST Bi-CHL.
- 300 - 310' : GNEISS HM-Mu-Bi
- 310 - 315' : Bi-CHL SCHIST.
- 315 - 325' : GNEISS HM-Mu-Bi.
- 325 - 330' : SCHIST Bi-CHL.
- 330 - 345' : GNEISS HM-Mu-Bi
- 345 - 355' : SCHIST CHL-Bi
- 355 - 415' : GNEISS HM-Mu-Bi
- 415 - 430' : GNEISS/SCHIST MIX.
- 430 - 460' : GNEISS. HM-Mu > Bi.

KW-17-09

- 0-10' : RUBBLE
- 10-30' : GNEISS HM-Mu-Bi
- 30-35' : SCHIST Bi-CHL.
- 35-55' : GNEISS HM-Mu-Bi
- 55-65' : SCHIST Bi-CHL
- 65-130' : GNEISS HM-Mu-Bi
- 130-135' : SCHIST Bi-CHL.
- 135-185' : GNEISS HM-Mu.
- 185-190' : SCHIST CHL >> Bi.
- 190-265 : GNEISS. HM-Mu.
- 265-270 : SCHIST CHL.
- 270-290 : GNEISS HM-Mu
- 290-295 : SCHIST Qtz-CHL.
- 295-300 : GNEISS HM-Mu-Bi.

- 0-10' : RUBBLE
- 10-45' : SCHIST Qtz-Mu
- 45-85 : GNEISS Mu-Ser MILD clay ALT Feldspar. Mostly clear fm Qtz Rusty Coatings w Mn. Coarse-Med-Fine frags.
- §§ 85-100 : GNEISS Mu-Ser Cream-tan clay ALT (* MOST clay ALT 90-95').
- 100-175' : GNEISS Mu-Bi-HM. Minor clay alt Feldspar Abund rusty coatings Med-Fine frags Little to No 2nd Qtz.
- 175-205 : GNEISS Mu-HM-Bi No structure/ALT.
- 205-260 : GNEISS (Mu-Bi) (Mu-HM-Bi) ALTERNATING. Coarse frags.
- 260-275 : SCHIST Bi-CHL.
- 275-290 : GNEISS Mu-Bi-HM Coarse frags No structure/ALT.
- §§ 290-305 : Qtz Flood zone FINE FRAG DOMINANT. Minor oxide coatings. Mu-Ser on some fm Qtz.
- 305-330 : GNEISS Mu-Bi-HM Minor actn. Rusty coatings Minor white Qtz
- 330-335 : GNEISS - HM-Mu-Bi No act.
- 335-340 : SCHIST - Bi-HM. No act.
- 340-360 : GNEISS - Mu-Ser Clay ALT Feldspar Rusty coatings Coarse to fine frags
- 360-365 : SCHIST - Bi-Mu. No act.
- 365-430 : GNEISS - Mu-HM-Bi No act.
- §§§ 430-475 : GNEISS Mu >> Bi Bleached clay ALT Feldspar Rusty coatings Minor 2nd clay Qtz CHL-Ser actn.
- 475-480 : GNEISS Mu-Bi No act Coarse frags.
- 480-490 : SCHIST Qtz-Bi-HM. No act.
- 490-535 : GNEISS Mu > Bi > HM No act.
- 535-550 : GNEISS/SCHIST MIX
- 550-555 : GNEISS Mu-HM Abund Rusty coatings
- 555-565 : SCHIST Qtz-Bi-CHL. No act.

RB-17-02

- 0-15' : GNEISS RUBBLE
- 15-20' : SCHIST Bi-CHL. Coarse frags
- 20-35' : GNEISS Mu-Bi-HM. "
- §§ 35-40' : BROWN-YELLOW CLAY WITH CHL-Bi - SCHIST FRAGS.
- 40-50' : SCHIST Bi-CHL. Coarse frags.
- 50-75' : GNEISS HM-Mu. Coarse frags
- §§ 75-80' : ORANGE CLAY WITH SMALL CHL-Bi SCHIST FRAGS.
- 80-110' : GNEISS HM-Bi-Mu.
- §§ 110-120' : SCHIST CHL-Bi Minor yellow-orange clay.
- 120-130' : GNEISS HM-Bi-Mu
- 130-155' : GNEISS CHL-Mu-HM Coarse frags.
- 155-190' : GNEISS HM-Bi-Mu. " "
- 190-205' : SCHIST CHL-Bi Yellow orange clay
- 205-230' : GNEISS HM-Bi-Mu
- 230-280' : GNEISS Mu-Bi-HM Rusty coatings Coarse frags.
- 280-290' : SCHIST CHL-Bi. Coarse frags.
- 290-315' : GNEISS Mu-HM Abundant Rusty coatings. Coarse frags.
- §§§ 315-320' : GNEISS Mu-SEL 2nd white/opaque Qtz Bleached clay field.
- §§§ 320-370' : GNEISS BLEACHED CLAY ALTERATION MODERATE TO INTENSE
COARSE PYRITE RESIDUAL IN SOME PCS.
- 370-375' : SCHIST Bi-Mu Abundant Rust coatings
- 375-485' : GNEISS Mu-Bi-HM. Coarse frags. - Med frags Abundant rust coatings
- 485-490' : SCHIST CHL-Bi
- 490-505' : GNEISS Mu-HM-Bi Med-Fine frags.
- §§ 505-520' : GNEISS Mu Mostly Clear/OPAQUE Qtz.
- 520-575' : GNEISS Mu-Bi-HM FINE-MED FRAGS. Rust coatings.
- 575-580' : SCHIST Bi-Mu
- 580-590' : GNEISS Mu → Bi 2nd white Qtz. Rusty coatings.

RB-17-03

- 0-30' : RUBBLE.
- §§ 30-35' : GNEISS Mu-HM Abundant FM + 2nd nd Qtz. Rusty Coatings.
FINE FRAGS.
- 35-50' : GNEISS Mu-Ser-Bi Coarse Frags
- 50-60' : SCHIST Bi-CHL.
- 60-70' : GNEISS Mu-Bi-HM.
- 70-140 : SCHIST CHL-Bi
- §§ 140-175 : GNEISS Ser-HM Mn. Secondary Qtz OXIDE COATINGS.
- 175-180 : GNEISS Mu-Bi-Ser Mn Abund Rusty COATINGS.
- §§ 180-220 : GNEISS Ser-HM-Mn
- 220-245 : GNEISS Mu-Bi-HM Rusty Coatings
- §§ 245-265 : SAME AS ABOVE BUT Noticeable clay Feld Act.
- 265-285 : GNEISS Mu-Bi-HM Darker Rusty Coatings Minor Schist Mix.
- 285-310 : SCHIST CHL-Bi.
- 310-350 : GNEISS Ser-Mu-Mn Bleached Minor Rust Coatings - No Clay.
- 350-385 : GNEISS Mu-Ser-Bi Increased Rust Coatings Fin Bi coat.
- 385-415 : GNEISS Mu-HM-Bi.
- 415-420 : SCHIST Bi-CHL
- 420-530 : GNEISS Mu-Bi-HM / GNEISS Mu-HM INTER MIXING.

RB-17-04

- 0-10': RUBBLE
- 10-30': GNEISS Mu-Bi-HM Fine FRAGS Rusty Coatings.
- 30-45': GNEISS Mu-~~Ser~~-Mn WITH BLEBATING MINOR CLAY RT Feldspar
Rusty Coating OXIDE COATINGS
- 45-65': GNEISS Mu-Bi-~~Ser~~-Mn Abundant Rust Coatings. Fine FRAGS.
- 65-245': GNEISS Mu-Bi-HM
- 245-375': GNEISS Mu-Bi-~~Ser~~ FINE FRAGS. Rusty Coatings
Narrow intervals of Bi-~~Chl~~ SCHIST.
- 375-400': GNEISS Mu-HM NO STRUCTURE/RT.
- 400-415': CAVE??
- 415-430': GNEISS Mu-HM-Bi Fine FRAGS.
- 430-440': GNEISS Mu-Bi Rusty Coatings.
- 440-465': GNEISS Mu-Bi / SCHIST Chl-Bi Mux.

RB-17-05

- 0-20' : RUBBLE
- 20-30 : GNEISS Mu-Bi / SCHIST Mu-Bi STRONGLY OXIDIZED ROOT COATED.
- 30-55 : GNEISS / SCHIST MIX. VARIABLE ROOT COATINGS
- 55-80 : GNEISS Mu-Bi
- 80-95 : GNEISS Mu-Bi-CHL / SCHIST.
- 95-190 : GNEISS Mu-Bi-CHL-HM COMBINE FRAGS.
- 190-240 : GNEISS Mu-Bi Abund ROOT COATINGS AND OXIDE COATINGS. Mn
- 240-265 : GNEISS Mu-Ser-Mn STRONG CLAY ACT - orange/yellow.
clay out Feld - only Qtz left with oxide coatings.
- 265-280 : SCHIST Bi-CHL.
- 280-335 : GNEISS Mu-Bi-HM-CHL No Structure / ALTN. Minor root coating
- 335-415 : GNEISS Mu-Bi >> HM FINE FRAGS Abundant Root Coatings.
No clay ACT.
- 415-425 : GNEISS Mu-Bi-HM / SCHIST CHL-Bi MIX. FINE FRAGMENTS.
- 425-435 : GNEISS Mu-Bi-HM. ROOT COATINGS
- 435-440 : SCHIST CHL-Bi
- 440-445 : GNEISS Mu-HM-Bi-CHL.
- 445-480 : GNEISS Mu-HM-Bi / SCHIST CHL-Bi MIX.
- 480-515 : GNEISS Mu-HM-CHL.

RB-17-06

- 0-10' : RUBBLE.
- 10-55' : GNEISS Mu-HM-Bi FINE FRAGS Root Comings Clear Fin Qtz
- 55-75' : GNEISS Mu-HM-Bi / SCHIST CHL-Bi Mix.
- 75-95' : GNEISS Mu-HM-CHL/Bi
- 95-100' : SCHIST CHL-Bi
- 100'-125' : GNEISS Mu-HM / SCHIST CHL-Bi Mix.
- 125-345 : GNEISS Mu-HM
- 345-355 : SCHIST CHL-Bi
- 355-395 : GNEISS Mu-HM.

RB-17-07

- 0 - 15' : RUBBLE
- 15 - 35' : GNEISS Mu-Bi/CHL-HM MINOR RUOT COATINGS
- 35 - 60' : GNEISS Mu-Bi ABUNDANT RUOT COATINGS.
- FF 60 - 70' : GNEISS Mu-Ser-Bi-CHL-HM FINE FRAGS MINOR YELLOW-CHEM
CLAY ACTN ABUNDANT RUOT/OXIDE COATINGS.
- 70' - 85' : GNEISS -Mu-Ser-Bi-CHL FINE FRAGS CLEAR FM Qtz. No CLAY
- 85 - 100' : GNEISS Mu-HM-Bi COARSE FRAGS.
- 100' - 120' : SCHIST Qtz-CHL-Bi-HM
- 120' - 160 : GNEISS Mu-HM-Bi
- SS 160 - 175 : GNEISS Mu-Ser-HM
- 175 - 225 : GNEISS Mu-CHL-Bi-HM.
- 225 - 250 : GNEISS Mu-Bi-HM. MILD RUOT COATINGS
- SS 250 - 265 : GNEISS Mu-Bi-HM / SCHIST CHL-Bi MIX RUOT COATINGS.
- SSS 265 - 295 : GNEISS Mu-Ser-CHL CLAY ACT FELDSPARS - clay
ABUNDANT RUOTY/OXIDE COATINGS FINE FRAGS.
- 295 - 300' : GNEISS Mu-Ser COARSE FRAGS.
- 300 - 310' : GNEISS Mu-Bi-HM / SCHIST Bi-CHL MIX.
- 310 - 350' : GNEISS Mu-Ser-HM FINE FRAGS.
- 350 - 420 : GNEISS Mu-HM-Ser-Bi-CHL. COARSE-MED-FINE FRAGS.
- 420 - 425 : SCHIST CHL-Bi
- SS 425 - 440 : GNEISS Mu-CHL-HM STRUCTURE BUT NO ACTN.
- SS 440 - 450 : GNEISS Mu-Bi-HM " " "
- SS 450 - 455 : GNEISS Mu-HM " " "
- SS 455 - 460 : GNEISS Mu-HM RUOT COATINGS. "
- SSS 460 - 495 : GNEISS Mu-Ser-Mn MOD YELLOW-CHEM clay actn. in
FIRST 1/2 OF INTERVAL. ABUNDANT RUOT/OXIDE COATINGS.
- 495 - 500 : SCHIST CHL-Bi
- 500 - 535 : GNEISS Mu-HM-Bi / SCHIST CHL-Bi MIX.

RB-17-08

- 0-10' : RUBBLE
- 10-105' : GNEISS Mu-HM ± SER ± Bi
- 105'-125' : GNEISS Mu-HM / SCHIST Bi
- 125-145' : GNEISS Mu-HM
- 145-155' : SCHIST CHL-Bi
- 155-220' : GNEISS Mu-HM-Bi
- §§§ 220-245' : GNEISS Mu >> HM FINE FRAGS CLAY ALT FELDSPAR
MINOR root coatings Mn coatings.
- 245-320' : GNEISS Mu-HM-CHL/Ser. FINE FRAGS.
- §§ 320-345' : GNEISS Mu-SOL V FINE FRAGS MILD clay ALT FELD.
SOME silicification.
- § 345-360' : GNEISS Mu-Ser-HM No clay ALT.
- 360-385' : GNEISS Mu-HM COARSE FRAGS.
- 385-390' : SCHIST Bi-CHL
- 390-465' : GNEISS Mu-HM
- §§§ 465-465' : GNEISS Mu-HM / SCHIST CHL-Bi Mix.
- 465-560' : GNEISS - Mu-HM COARSE-MED FRAGS.

RB-17-09

- 0 - 35' : GNEISS Mu - Bi - HM.
35 - 70 : GNEISS Mu - Bi - HM / SCHIST CHL - Bi Mx
70 - 150 : GNEISS Mu - HM - Bi.
150 - 155 : SCHIST CHL - Bi
155 - 225 : GNEISS Mu - Serz - HM
225 - 230 : SCHIST CHL - Bi.
230 - 245 : GNEISS Mu - HM - Bi.
245 - 290 : SCHIST CHL - Bi.
290 - 255 : GNEISS Mu - HM - Bi.
255 - 260 : SCHIST CHL - Bi.
260 - 285 : GNEISS Mu - HM - Bi
285 - 310 : SCHIST ~~CHL~~ - CHL - Bi.
310 - 325 : GNEISS Mu - HM
325 - 370 : SCHIST QTZ - CHL - Bi.
370 - 380 : GNEISS Mu - HM.

RB-17-10

- 0-5' : RUBBLE
- 5-195: GNEISS Mu-~~Ser~~-HM-Mn FINE FRAGS RUST/OXIDE CONTAINS.
Mud CLAY ACTN
- 195-280: GNEISS Mu-HM. - LITTLE TO NO CLAY ACT. RUST CONTAINS
- 280-285: SCHIST Bi
- 285-390: GNEISS - Mu-Bi ± HM.
- 390-425: GNEISS Mu-CHL-HM.

RB-17-11

- 0-15 : RUBBLE
- § 15-25 : GNEISS Mu-Bi Root/Oxide coatings CLAY ALT FELD.
- 25-35 : GNEISS Mu-Ser
- 35-55 : GNEISS Mu-Bi-HM Root coatings NO CLAY ALT.
- § 55-60 : GNEISS Mu-Ser CLAY ALT FELD 2nd Qtz.
- 60-100 : GNEISS Mu-HM-Bi.
- § 100-120 : GNEISS Mu-Ser-Bi WEAK CLAY ALT FELD Root coatings.
- 120-175 : GNEISS Mu-HM
- 175-300 : GNEISS Mu-Ser-HM.
- 205-210 : rusty coatings
- § 300-350 : GNEISS Mu-Ser-Bi Fine frags Minor Root coatings.
- § 350-375 : GNEISS Mu-Ser Fine frags 2nd clear-wht-opaque Qtz.
Minor clay alt. Lower 1/2 interval root coatings + strong oxidation
- 395-420 : GNEISS - Mu-HM
- 420-505 : GNEISS - Mu-Bi Root coatings narrow intervals of strong HM

APPENDIX IV
CERTIFICATES OF ANALYSIS



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To: **ARCUS DEVELOPMENT GROUP**
510 WEST HASTINGS ST.
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CERTIFICATE VA17259553

Project: Dan Man
 P.O. No.: 1006216- Batch 8
 This report is for 20 Rock samples submitted to our lab in Vancouver, BC, Canada on 24- NOV- 2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND- 03	Find Reject for Addn Analysis
SCR- 21	Screen 1kg to 106 to 106um
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
LOG- 22	Sample login - Rcd w/o BarCode
PUL- 32	Pulverize 1000g to 85% < 75 um
BAG- 01	Bulk Master for Storage

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 to 106 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259553

Sample Description	Method Analyte Units LOR	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- AA25	Au- AA25D
		Au Total ppm	Au (+) F ppm	Au (-) F ppm	Au (+) m mg	WT. + Fr g	WT. - Fr g	Au ppm	Au ppm
		0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
W590256		0.52	8.34	0.25	0.277	33.21	927.1	0.24	0.25
W590257		0.20	0.17	0.20	0.004	23.26	953.9	0.20	0.20
W590258		0.25	1.60	0.19	0.075	46.89	971.3	0.18	0.19
W590259		0.14	<0.05	0.15	<0.001	17.97	953.0	0.14	0.15
W590260		0.19	0.32	0.19	0.007	21.56	964.8	0.19	0.18
W590261		0.22	0.14	0.22	0.003	21.49	964.8	0.22	0.22
W590262		0.25	0.48	0.25	0.011	23.10	941.5	0.24	0.25
W590263		0.19	0.18	0.19	0.003	16.45	951.2	0.19	0.19
W590264		0.14	0.66	0.12	0.021	31.61	993.9	0.12	0.12
W590265		0.09	<0.05	0.10	<0.001	23.91	994.5	0.09	0.10
W590266		0.05	0.63	<0.05	0.021	33.52	980.1	0.03	0.04
W590267		2.19	1.62	2.21	0.040	24.76	981.4	2.24	2.17
W590268		0.10	0.17	0.10	0.003	17.89	922.2	0.10	0.10
W590269		0.07	<0.05	0.07	<0.001	29.84	954.7	0.07	0.07
W590270		0.07	0.22	0.07	0.003	13.71	929.3	0.07	0.07
W590271		0.09	<0.05	0.10	0.001	27.67	1031.0	0.14	0.05
W590272		0.38	0.53	0.38	0.009	16.86	1033.0	0.38	0.38
W590273		0.07	<0.05	0.07	<0.001	6.29	983.2	0.07	0.07
W590274		0.13	0.63	0.12	0.007	11.06	978.7	0.12	0.12
W590275		0.19	0.23	0.19	0.009	38.53	991.0	0.17	0.20



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Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259553

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
	FND- 03	LOG- 22	PUL- 32	PUL- QC
	SCR- 21	SPL- 21		



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CERTIFICATE VA17259555

Project: Dan Man
 P.O. No.: 1006216- Batch 14
 This report is for 7 Rock samples submitted to our lab in Vancouver, BC, Canada on 24- NOV- 2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND- 03	Find Reject for Addn Analysis
SCR- 21	Screen 1kg to 106 to 106um
SPL- 21	Split sample - riffle splitter
LOG- 22	Sample login - Rcd w/o BarCode
PUL- 32	Pulverize 1000g to 85% < 75 um
BAG- 01	Bulk Master for Storage

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 to 106 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259555

Sample Description	Method Analyte Units LOR	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- AA25	Au- AA25D
		Au Total ppm	Au (+) F ppm	Au (-) F ppm	Au (+) m mg	WT. + Fr g	WT. - Fr g	Au ppm	Au ppm
		0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
W590474		0.34	0.31	0.34	0.014	45.35	847.7	0.34	0.34
W590475		1.39	1.17	1.40	0.042	36.05	949.4	1.39	1.40
W590476		0.28	0.23	0.28	0.012	53.20	909.6	0.28	0.28
W590487		0.43	0.36	0.44	0.016	44.88	825.3	0.44	0.43
W590488		0.28	0.21	0.28	0.015	70.66	918.3	0.28	0.28
W590490		0.18	0.17	0.18	0.014	80.88	897.0	0.22	0.14
W636004		0.27	0.21	0.28	0.010	47.28	909.6	0.28	0.27



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CERTIFICATE OF ANALYSIS VA17259555

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au- AA25	Au- AA25D	Au- SCR21
	FND- 03	LOG- 22	PUL- 32
	SPL- 21		
		BAG- 01	SCR- 21



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CERTIFICATE VA17259557

Project: Dan Man
 P.O. No.: 1006216- Batch 15
 This report is for 7 Rock samples submitted to our lab in Vancouver, BC, Canada on 24- NOV- 2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND- 03	Find Reject for Addn Analysis
SCR- 21	Screen 1kg to 106 to 106um
SPL- 21	Split sample - riffle splitter
LOG- 22	Sample login - Rcd w/o BarCode
PUL- 32	Pulverize 1000g to 85% < 75 um
BAG- 01	Bulk Master for Storage

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 to 106 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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Signature: 
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Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259557

Sample Description	Method Analyte Units LOR	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- AA25	Au- AA25D
		Au Total ppm	Au (+) F ppm	Au (-) F ppm	Au (+) m mg	WT. + Fr g	WT. - Fr g	Au ppm	Au ppm
		0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
W636005		0.19	<0.05	0.20	<0.001	23.14	941.2	0.20	0.19
W636006		0.17	0.06	0.17	0.002	32.83	946.1	0.17	0.17
W636007		0.81	0.29	0.83	0.006	20.63	951.8	0.82	0.83
W636008		0.45	0.09	0.47	0.003	31.65	972.4	0.46	0.47
W636009		0.38	0.21	0.39	0.007	33.84	935.7	0.39	0.39
W636010		0.23	0.10	0.24	0.004	38.76	992.1	0.23	0.24
W636011		0.18	0.24	0.18	0.010	42.01	1027.5	0.17	0.18



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Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259557

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
	FND- 03	LOG- 22	PUL- 32	SCR- 21
	SPL- 21			



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CERTIFICATE VA17259558

Project: Dan Man
 P.O. No.: 1006216- Batch 20
 This report is for 16 Rock samples submitted to our lab in Vancouver, BC, Canada on 24- NOV- 2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND- 03	Find Reject for Addn Analysis
SCR- 21	Screen 1kg to 106 to 106um
SPL- 21	Split sample - riffle splitter
LOG- 22	Sample login - Rcd w/o BarCode
PUL- 32	Pulverize 1000g to 85% < 75 um
BAG- 01	Bulk Master for Storage

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 to 106 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259558

Sample Description	Method Analyte Units LOR	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- AA25	Au- AA25D
		Au Total ppm	Au (+) F ppm	Au (-) F ppm	Au (+) m mg	WT. + Fr g	WT. - Fr g	Au ppm	Au ppm
		0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
W636188		0.15	<0.05	0.15	<0.001	4.45	962.7	0.15	0.15
W636189		0.19	0.62	0.19	0.004	6.49	952.2	0.18	0.19
W636190		0.48	<0.05	0.48	<0.001	5.86	969.0	0.48	0.48
W636192		0.57	0.44	0.58	0.007	16.08	838.8	0.56	0.59
W636193		0.38	0.30	0.39	0.007	23.60	978.9	0.38	0.39
W636194		0.36	0.07	0.36	0.001	13.49	982.4	0.36	0.36
W636195		0.44	0.18	0.45	0.002	10.84	966.1	0.45	0.44
W636196		0.25	0.27	0.25	0.002	7.40	974.5	0.24	0.25
W636197		0.33	0.22	0.34	0.003	13.74	960.9	0.33	0.34
W636198		0.44	0.42	0.45	0.004	9.57	954.4	0.44	0.45
W636199		0.90	0.66	0.91	0.005	7.58	980.0	0.91	0.90
W636200		1.15	0.73	1.15	0.008	10.99	955.3	1.15	1.15
W636201		0.52	0.33	0.53	0.003	9.18	949.2	0.52	0.53
W636202		0.56	0.56	0.56	0.004	7.14	954.5	0.56	0.55
W636203		0.13	0.10	0.14	0.002	20.96	983.8	0.14	0.13
W636204		0.22	0.16	0.23	0.003	18.92	962.9	0.22	0.23



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Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259558

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
	FND- 03	LOG- 22	PUL- 32	SCR- 21
	SPL- 21			



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 Account: DEVARC

CERTIFICATE VA17259559

Project: Dan Man
 P.O. No.: 1006216- Batch 32
 This report is for 5 Rock samples submitted to our lab in Vancouver, BC, Canada on 24- NOV- 2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND- 03	Find Reject for Addn Analysis
SCR- 21	Screen 1kg to 106 to 106um
SPL- 21	Split sample - riffle splitter
LOG- 22	Sample login - Rcd w/o BarCode
PUL- 32	Pulverize 1000g to 85% < 75 um
BAG- 01	Bulk Master for Storage

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 to 106 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259559

	Method Analyte Units LOR	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
W636630		0.16	0.05	0.17	0.002	43.02	933.8	0.18	0.15
W636631		1.23	0.71	1.25	0.025	35.39	920.7	1.25	1.25
W636633		0.08	<0.05	0.08	<0.001	50.70	943.1	0.08	0.08
W636634		0.33	0.32	0.33	0.012	37.82	987.0	0.33	0.33
W636635		0.10	<0.05	0.10	<0.001	28.30	914.7	0.10	0.10



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Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259559

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
	FND- 03	LOG- 22	PUL- 32	SCR- 21
	SPL- 21			



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CERTIFICATE VA17259560

Project: Dan Man
 P.O. No.: 1006216- Batch 38
 This report is for 5 Rock samples submitted to our lab in Vancouver, BC, Canada on 24- NOV- 2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND- 03	Find Reject for Addn Analysis
SCR- 21	Screen 1kg to 106 to 106um
SPL- 21	Split sample - riffle splitter
LOG- 22	Sample login - Rcd w/o BarCode
PUL- 32	Pulverize 1000g to 85% < 75 um
BAG- 01	Bulk Master for Storage

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 to 106 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259560

Sample Description	Method Analyte Units LOR	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- AA25	Au- AA25D
		Au Total ppm	Au (+) F ppm	Au (-) F ppm	Au (+) m mg	WT. + Fr g	WT. - Fr g	Au ppm	Au ppm
		0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
W636841		0.21	0.11	0.21	0.004	37.62	989.3	0.21	0.21
W636842		1.21	0.98	1.22	0.016	16.38	954.2	1.21	1.22
W636843		1.81	1.53	1.82	0.029	19.01	932.7	1.83	1.81
W636844		6.90	4.16	6.96	0.096	23.09	998.8	7.02	6.90
W636845		0.64	0.49	0.64	0.013	26.78	996.1	0.64	0.64



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Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259560

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
	FND- 03	LOG- 22	PUL- 32	SCR- 21
	SPL- 21			



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CERTIFICATE VA17259562

Project: Dan Man
 P.O. No.: 1006216- Batch 42
 This report is for 1 Rock sample submitted to our lab in Vancouver, BC, Canada on 24- NOV- 2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND- 03	Find Reject for Addn Analysis
SCR- 21	Screen 1kg to 106 to 106um
SPL- 21	Split sample - riffle splitter
LOG- 22	Sample login - Rcd w/o BarCode
PUL- 32	Pulverize 1000g to 85% < 75 um
BAG- 01	Bulk Master for Storage

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 to 106 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259562

	Method Analyte Units LOR	Au- SCR21 Au Total ppm	Au- SCR21 Au (+) F ppm	Au- SCR21 Au (-) F ppm	Au- SCR21 Au (+) m mg	Au- SCR21 WT. + Fr g	Au- SCR21 WT. - Fr g	Au- AA25 Au ppm	Au- AA25D Au ppm
W637005		0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
		1.03	2.44	0.98	0.086	35.22	1000.5	1.06	0.90



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Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259562

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
	FND- 03	LOG- 22	PUL- 32	SCR- 21
	SPL- 21			



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CERTIFICATE VA17259565

Project: Dan Man
 P.O. No.: 1006216- Batch 45
 This report is for 9 Rock samples submitted to our lab in Vancouver, BC, Canada on 24- NOV- 2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND- 03	Find Reject for Addn Analysis
SCR- 21	Screen 1kg to 106 to 106um
SPL- 21	Split sample - riffle splitter
LOG- 22	Sample login - Rcd w/o BarCode
PUL- 32	Pulverize 1000g to 85% < 75 um
BAG- 01	Bulk Master for Storage

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 to 106 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259565

Sample Description	Method Analyte Units LOR	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- AA25	Au- AA25D
		Au Total ppm	Au (+) F ppm	Au (-) F ppm	Au (+) m mg	WT. + Fr g	WT. - Fr g	Au ppm	Au ppm
		0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
W637086		0.17	0.22	0.17	0.016	73.79	904.9	0.17	0.17
W637087		1.79	1.32	1.89	0.197	148.70	766.9	1.86	1.91
W637089		0.08	0.13	0.08	0.003	23.90	890.4	0.08	0.07
W637090		0.05	0.05	0.06	0.002	37.68	894.8	0.06	0.05
W637091		0.75	0.48	0.76	0.026	53.70	947.3	0.75	0.77
W637092		0.73	0.71	0.74	0.020	28.09	913.6	0.74	0.73
W637093		0.29	0.15	0.30	0.009	61.98	943.6	0.30	0.29
W637094		0.22	0.22	0.22	0.009	40.27	963.1	0.22	0.22
W637095		0.05	<0.05	0.05	0.002	54.99	932.2	0.05	0.05



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Project: Dan Man

CERTIFICATE OF ANALYSIS VA17259565

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
	FND- 03	LOG- 22	PUL- 32	SCR- 21
	SPL- 21			



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 Account: DEVARC

CERTIFICATE WH17183016

Project: Dan Man
 P.O. No.: 1006216-Batch 1
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
BAG-01	Bulk Master for Storage
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183016

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W590001		2.78	0.002	<1	0.42	20	50	<5	10	0.11	<5	<5	13	14	0.82	<50
W590002		2.14	0.022	<1	0.44	60	60	<5	<10	0.13	<5	6	20	11	1.27	<50
W590003		1.92	0.043	<1	0.34	30	<50	<5	10	0.53	<5	<5	10	<5	0.75	<50
W590004		1.78	0.042	<1	1.72	40	130	<5	<10	0.61	<5	19	16	17	4.18	<50
W590005		1.84	0.012	<1	0.81	20	80	<5	20	0.26	<5	9	10	16	2.02	<50
W590006		2.20	0.005	<1	0.63	10	<50	<5	10	0.48	<5	7	9	5	1.73	<50
W590007		2.00	0.123	<1	1.67	90	80	<5	10	1.84	<5	20	10	15	4.65	<50
W590008		1.60	0.003	<1	0.28	<10	<50	<5	10	0.11	<5	6	8	<5	0.68	<50
W590009		2.22	0.008	<1	0.25	<10	<50	<5	10	0.05	<5	<5	9	<5	0.72	<50
W590010		1.72	<0.001	<1	0.31	10	<50	<5	<10	0.12	<5	<5	11	9	0.77	<50
W590011		2.08	0.001	<1	2.59	<10	650	<5	10	3.90	<5	28	234	25	4.36	<50
W590012		1.86	0.023	1	2.30	30	300	<5	<10	3.85	<5	28	123	15	4.81	<50
W590013		2.34	0.029	<1	0.25	20	<50	<5	<10	0.21	<5	<5	10	<5	0.59	<50
W590014		2.60	<0.001	<1	0.26	10	<50	<5	<10	0.05	<5	<5	8	<5	0.56	<50
W590015		2.26	<0.001	<1	0.31	<10	<50	<5	<10	<0.05	<5	<5	10	<5	0.62	<50
W590016		1.88	0.020	<1	0.37	30	<50	<5	<10	0.22	<5	<5	12	<5	1.18	<50
W590017		2.44	<0.001	<1	<0.05	<10	<50	<5	<10	20.7	<5	5	<5	<5	0.45	<50
W590018		2.52	0.018	<1	1.85	20	110	<5	<10	2.11	<5	20	15	14	3.93	<50
W590019		3.08	<0.001	<1	1.25	<10	420	<5	<10	1.86	<5	18	194	18	2.28	<50
W590020		2.52	0.003	<1	0.46	<10	<50	<5	10	0.40	<5	<5	29	7	0.99	<50
W590021		2.16	0.006	<1	0.56	10	<50	<5	<10	0.34	<5	5	14	8	1.32	<50
W590022		2.44	0.052	<1	0.84	100	120	<5	10	0.97	<5	9	14	9	2.15	<50
W590023		2.22	0.002	<1	0.30	<10	<50	<5	<10	<0.05	<5	<5	10	<5	0.63	<50
W590024		2.38	0.075	<1	0.28	30	<50	<5	<10	<0.05	<5	<5	11	<5	0.85	<50
W590025		2.26	0.048	<1	1.05	80	90	<5	10	1.42	<5	11	19	6	2.48	<50
W590026		3.14	<0.001	<1	2.51	20	390	<5	10	3.01	<5	31	53	12	4.24	<50
W590027		2.34	0.023	<1	1.74	30	130	<5	<10	2.34	<5	20	70	15	3.09	<50
W590028		1.90	0.030	<1	1.56	80	150	<5	<10	4.92	<5	23	23	20	4.45	<50
W590029		0.30	1.210	<1	0.63	270	110	<5	10	17.80	<5	<5	29	83	2.59	<50
W590030		2.60	0.038	<1	0.69	40	<50	<5	<10	1.21	<5	7	10	<5	1.82	<50
W590031		2.16	0.006	<1	0.47	10	<50	<5	10	0.11	<5	<5	9	<5	0.49	<50
W590032		2.28	0.236	<1	0.31	170	<50	<5	10	0.27	<5	<5	9	<5	1.11	<50
W590033		2.20	0.008	<1	1.58	40	90	<5	20	3.67	<5	25	18	17	5.35	<50
W590034		1.90	0.009	<1	0.40	10	<50	<5	<10	1.78	<5	5	6	<5	0.95	<50
W590035		2.36	0.026	<1	1.60	50	70	<5	<10	2.93	<5	12	64	13	3.57	<50
W590036		2.06	<0.001	<1	0.65	<10	<50	<5	<10	1.04	<5	7	12	<5	1.29	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590001		<5	0.16	<50	0.07	140	<5	0.05	8	150	10	<0.05	10	<5	11	<100
W590002		<5	0.21	<50	0.07	280	<5	<0.05	16	380	10	<0.05	10	<5	12	<100
W590003		<5	0.16	<50	<0.05	200	<5	<0.05	5	160	10	<0.05	<10	<5	16	<100
W590004		<5	1.06	60	0.98	800	<5	<0.05	15	1810	20	<0.05	20	7	50	<100
W590005		<5	0.46	<50	0.35	430	<5	<0.05	13	610	10	<0.05	<10	<5	40	<100
W590006		<5	0.45	<50	0.26	380	<5	<0.05	<5	350	20	<0.05	20	<5	12	<100
W590007		<5	1.35	<50	1.04	1110	<5	<0.05	<5	1030	10	0.05	<10	11	38	<100
W590008		<5	0.21	<50	<0.05	180	<5	<0.05	<5	120	10	<0.05	10	<5	8	<100
W590009		<5	0.19	<50	<0.05	120	<5	0.05	5	70	10	<0.05	10	<5	<5	<100
W590010		<5	0.21	<50	<0.05	150	<5	0.07	<5	80	10	0.05	20	<5	8	<100
W590011		<5	1.95	<50	2.22	1030	<5	<0.05	72	1280	10	0.09	20	11	76	<100
W590012		<5	1.87	<50	2.21	1080	<5	<0.05	30	930	20	0.07	10	12	62	<100
W590013		<5	0.19	<50	<0.05	150	<5	0.05	<5	60	10	<0.05	10	<5	9	<100
W590014		<5	0.19	<50	<0.05	140	<5	0.05	<5	<50	10	<0.05	10	<5	6	<100
W590015		<5	0.20	<50	<0.05	140	<5	0.05	<5	60	10	<0.05	<10	<5	6	<100
W590016		<5	0.22	<50	<0.05	520	<5	<0.05	<5	160	30	<0.05	10	<5	12	<100
W590017		<5	<0.05	<50	12.35	190	<5	<0.05	<5	210	<10	0.06	20	<5	52	<100
W590018		<5	1.46	<50	1.44	720	<5	<0.05	5	940	<10	0.16	30	13	40	<100
W590019		<5	0.98	<50	1.18	490	<5	<0.05	38	550	10	0.14	20	<5	47	<100
W590020		<5	0.32	<50	0.16	240	<5	0.06	6	150	20	0.06	10	<5	14	<100
W590021		<5	0.38	<50	0.25	340	<5	0.05	9	290	20	0.06	10	<5	13	<100
W590022		<5	0.58	<50	0.44	520	<5	0.05	12	650	20	0.10	10	<5	47	<100
W590023		<5	0.19	<50	<0.05	80	<5	0.06	<5	60	<10	0.05	20	<5	6	<100
W590024		<5	0.18	<50	<0.05	200	<5	<0.05	<5	70	10	<0.05	10	<5	14	<100
W590025		<5	0.63	<50	0.61	630	<5	0.06	6	510	10	0.11	10	5	46	<100
W590026		<5	1.56	<50	2.26	840	<5	0.05	16	1370	10	0.22	20	10	104	<100
W590027		<5	1.07	<50	1.59	680	<5	0.06	18	770	20	0.13	30	7	86	<100
W590028		<5	1.00	<50	1.92	960	<5	<0.05	8	980	30	0.35	30	9	112	<100
W590029		<5	0.22	<50	3.22	1730	72	<0.05	80	1160	30	0.93	30	<5	208	<100
W590030		<5	0.40	<50	0.45	340	<5	<0.05	<5	460	<10	0.14	<10	<5	47	<100
W590031		<5	0.23	<50	0.05	60	<5	<0.05	<5	<50	<10	<0.05	10	<5	10	<100
W590032		<5	0.13	<50	<0.05	230	<5	<0.05	<5	130	30	<0.05	<10	<5	24	<100
W590033		<5	0.81	50	1.11	1060	<5	<0.05	17	1680	20	0.16	10	13	96	<100
W590034		<5	0.19	<50	0.31	180	<5	0.05	<5	130	<10	0.06	<10	<5	34	<100
W590035		<5	0.56	<50	0.50	740	<5	<0.05	15	1030	30	0.06	10	12	70	<100
W590036		5	0.27	<50	0.26	220	<5	<0.05	<5	190	10	0.21	<10	<5	27	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590001		<0.05	<50	<50	9	<50	10
W590002		<0.05	<50	<50	11	<50	10
W590003		<0.05	<50	<50	<5	<50	10
W590004		0.12	<50	<50	81	<50	70
W590005		<0.05	<50	<50	35	<50	30
W590006		<0.05	<50	<50	24	<50	30
W590007		0.17	<50	<50	107	<50	70
W590008		<0.05	<50	<50	<5	<50	10
W590009		<0.05	<50	<50	<5	<50	10
W590010		<0.05	<50	<50	<5	<50	10
W590011		0.24	<50	<50	90	<50	80
W590012		0.23	<50	<50	95	<50	80
W590013		<0.05	<50	<50	<5	<50	<10
W590014		<0.05	<50	<50	<5	<50	10
W590015		<0.05	<50	<50	<5	<50	10
W590016		<0.05	<50	<50	<5	<50	10
W590017		<0.05	<50	<50	<5	<50	10
W590018		0.14	<50	<50	118	<50	60
W590019		0.15	<50	<50	51	<50	30
W590020		<0.05	<50	<50	9	<50	10
W590021		<0.05	<50	<50	18	<50	20
W590022		0.07	<50	<50	36	<50	40
W590023		<0.05	<50	<50	<5	<50	10
W590024		<0.05	<50	<50	<5	<50	10
W590025		<0.05	<50	<50	43	<50	40
W590026		0.27	<50	<50	109	<50	70
W590027		0.17	<50	<50	67	<50	60
W590028		0.07	<50	<50	79	<50	80
W590029		<0.05	<50	<50	182	<50	440
W590030		<0.05	<50	<50	26	<50	20
W590031		<0.05	<50	<50	<5	<50	<10
W590032		<0.05	<50	<50	5	<50	10
W590033		0.07	<50	<50	131	<50	90
W590034		<0.05	<50	<50	<5	<50	10
W590035		<0.05	<50	<50	68	<50	80
W590036		<0.05	<50	<50	9	<50	20



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183016

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17183019

Project: Dan Man
 P.O. No.: 1006216-Batch 3
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W590037		2.06	<0.001	<1	0.70	10	50	<5	10	0.10	<5	<5	18	<5	1.51	<50
W590038		2.00	0.001	<1	0.59	10	80	<5	10	0.07	<5	<5	10	<5	1.32	<50
W590039		1.86	0.001	<1	1.08	10	<50	<5	<10	0.13	<5	5	10	7	1.99	<50
W590040		2.24	0.010	<1	0.56	20	<50	<5	<10	0.07	<5	<5	11	<5	1.05	<50
W590041		2.30	0.002	<1	0.60	20	<50	<5	<10	<0.05	<5	<5	9	<5	1.05	<50
W590042		1.96	0.001	<1	0.45	10	<50	<5	10	<0.05	<5	<5	10	<5	0.78	<50
W590043		2.06	<0.001	<1	0.44	10	<50	<5	10	<0.05	<5	<5	12	<5	0.76	<50
W590044		2.30	0.001	1	0.48	30	60	<5	<10	<0.05	<5	<5	8	7	1.01	<50
W590045		1.92	<0.001	<1	0.66	<10	<50	<5	<10	<0.05	<5	<5	10	<5	1.02	<50
W590046		1.84	0.002	<1	0.62	<10	<50	<5	<10	0.06	<5	<5	8	<5	1.13	<50
W590047		2.38	0.002	<1	<0.05	10	<50	<5	<10	20.6	<5	<5	<5	<5	0.44	<50
W590048		1.98	<0.001	<1	0.56	20	<50	<5	<10	0.08	<5	<5	7	<5	1.00	<50
W590049		2.00	0.001	<1	0.67	20	<50	<5	<10	0.08	<5	<5	27	8	1.19	<50
W590050		0.30	1.345	31	1.23	540	650	<5	10	0.27	31	<5	13	138	5.42	<50
W590051		1.44	0.091	<1	1.29	150	110	<5	10	0.28	<5	15	68	9	3.33	<50
W590052		1.42	0.006	<1	0.50	20	50	<5	<10	0.08	<5	<5	9	5	0.96	<50
W590053		1.40	0.142	<1	0.36	20	<50	<5	<10	<0.05	<5	<5	12	6	0.80	<50
W590054		1.14	0.001	<1	0.34	10	<50	<5	20	<0.05	<5	<5	10	<5	0.72	<50
W590055		1.64	0.002	<1	1.16	30	90	<5	<10	0.27	<5	9	7	7	4.17	<50
W590056		1.84	<0.001	<1	0.35	20	<50	<5	<10	0.06	<5	<5	9	5	0.96	<50
W590057		1.62	0.020	<1	0.33	10	<50	<5	10	<0.05	<5	<5	11	5	0.71	<50
W590058		1.64	0.018	<1	0.78	170	130	<5	10	0.14	<5	8	11	7	1.96	<50
W590059		1.92	<0.001	<1	1.79	<10	120	<5	<10	4.66	<5	24	226	24	3.31	<50
W590060		1.58	<0.001	<1	2.63	<10	260	<5	10	4.00	<5	26	182	28	3.32	<50
W590061		1.78	<0.001	1	0.92	10	<50	<5	<10	0.31	<5	7	40	12	1.82	<50
W590062		2.02	<0.001	<1	0.57	10	<50	<5	10	0.11	<5	<5	12	6	1.31	<50
W590063		1.64	<0.001	<1	1.81	10	80	<5	10	0.65	<5	15	14	10	3.10	<50
W590064		1.72	0.002	<1	2.78	<10	100	<5	<10	1.12	<5	27	8	19	4.71	<50
W590065		2.82	0.002	1	1.04	<10	60	<5	<10	0.33	<5	9	14	13	2.36	<50
W590066		2.24	<0.001	1	0.41	<10	<50	<5	<10	0.31	<5	<5	11	<5	0.95	<50
W590067		2.84	<0.001	<1	0.26	<10	<50	<5	<10	<0.05	<5	<5	15	<5	0.78	<50
W590068		2.30	<0.001	<1	2.64	<10	100	<5	<10	0.78	<5	19	22	21	4.45	<50
W590069		2.80	0.001	1	0.31	<10	<50	<5	<10	<0.05	<5	<5	13	<5	0.72	<50
W590070		2.30	<0.001	<1	0.66	<10	<50	<5	<10	0.11	<5	<5	23	5	1.24	<50
W590071		2.84	<0.001	1	0.38	10	60	<5	<10	0.05	<5	<5	16	<5	1.02	<50
W590072		2.56	0.001	1	1.06	20	50	<5	<10	0.17	<5	9	67	10	2.23	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590037		<5	0.28	<50	0.12	420	<5	<0.05	7	190	20	<0.05	<10	<5	13	<100
W590038		<5	0.19	<50	0.06	600	<5	<0.05	5	110	10	<0.05	<10	<5	13	<100
W590039		<5	0.35	<50	0.21	210	<5	<0.05	8	480	10	<0.05	10	<5	32	<100
W590040		<5	0.20	<50	0.10	240	<5	<0.05	<5	140	<10	<0.05	10	<5	20	<100
W590041		<5	0.23	<50	0.06	250	<5	<0.05	<5	120	10	<0.05	<10	<5	20	<100
W590042		<5	0.20	<50	<0.05	200	<5	<0.05	<5	80	10	<0.05	<10	<5	12	<100
W590043		<5	0.20	<50	<0.05	150	<5	<0.05	<5	70	10	<0.05	20	<5	7	<100
W590044		<5	0.20	<50	<0.05	310	<5	<0.05	<5	110	10	<0.05	10	<5	15	<100
W590045		<5	0.30	<50	0.10	210	<5	<0.05	<5	120	10	<0.05	<10	<5	18	<100
W590046		<5	0.27	<50	0.11	340	<5	<0.05	6	140	20	<0.05	<10	<5	15	<100
W590047		<5	<0.05	<50	12.15	200	<5	<0.05	<5	190	<10	<0.05	10	<5	45	<100
W590048		<5	0.18	<50	0.09	220	<5	<0.05	8	100	10	<0.05	10	<5	13	<100
W590049		<5	0.24	<50	0.12	280	<5	<0.05	11	170	10	<0.05	<10	<5	13	<100
W590050		<5	0.52	<50	0.10	1030	<5	<0.05	5	1500	3430	0.46	30	5	169	<100
W590051		<5	0.46	<50	0.49	990	<5	<0.05	23	690	20	<0.05	20	8	49	<100
W590052		<5	0.19	<50	0.07	390	<5	<0.05	<5	90	20	<0.05	10	<5	12	<100
W590053		<5	0.15	<50	<0.05	160	<5	<0.05	<5	70	20	<0.05	20	<5	10	<100
W590054		<5	0.17	<50	<0.05	120	<5	<0.05	<5	60	<10	<0.05	10	<5	8	<100
W590055		<5	0.47	<50	0.33	490	<5	<0.05	<5	780	20	<0.05	10	5	27	<100
W590056		<5	0.16	<50	<0.05	200	<5	<0.05	<5	130	10	<0.05	10	<5	16	<100
W590057		<5	0.21	<50	<0.05	170	<5	<0.05	6	50	10	<0.05	<10	<5	8	<100
W590058		<5	0.44	<50	0.34	360	<5	<0.05	<5	390	<10	<0.05	10	<5	14	<100
W590059		<5	0.58	<50	1.27	610	<5	<0.05	45	810	10	0.06	<10	10	156	<100
W590060		<5	1.51	<50	2.14	640	<5	<0.05	53	680	<10	0.05	<10	7	71	<100
W590061		<5	0.36	<50	0.35	310	<5	<0.05	12	440	20	<0.05	20	7	22	<100
W590062		<5	0.33	<50	0.22	210	<5	<0.05	6	320	10	<0.05	<10	<5	10	<100
W590063		<5	1.04	<50	1.11	560	<5	<0.05	<5	900	10	<0.05	10	5	50	<100
W590064		<5	1.89	<50	2.07	990	<5	<0.05	6	1510	20	<0.05	<10	5	95	<100
W590065		<5	0.54	<50	0.55	550	<5	<0.05	9	680	30	<0.05	10	<5	41	<100
W590066		<5	0.28	<50	0.11	280	<5	<0.05	<5	180	10	<0.05	<10	<5	16	<100
W590067		<5	0.15	<50	<0.05	220	<5	0.05	5	100	20	<0.05	<10	<5	10	<100
W590068		<5	1.53	<50	1.52	810	<5	<0.05	15	1820	20	<0.05	10	9	67	<100
W590069		<5	0.22	<50	<0.05	210	<5	0.05	<5	80	20	<0.05	10	<5	7	<100
W590070		<5	0.38	<50	0.31	260	<5	<0.05	<5	270	40	<0.05	<10	<5	14	<100
W590071		<5	0.24	<50	0.06	450	<5	<0.05	5	130	30	<0.05	<10	<5	14	<100
W590072		<5	0.59	<50	0.54	520	<5	<0.05	16	450	10	<0.05	10	6	13	<100



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183019

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590037		<0.05	<50	<50	8	<50	30
W590038		<0.05	<50	<50	5	<50	30
W590039		<0.05	<50	<50	30	<50	40
W590040		<0.05	<50	<50	5	<50	20
W590041		<0.05	<50	<50	<5	<50	20
W590042		<0.05	<50	<50	<5	<50	20
W590043		<0.05	<50	<50	<5	<50	10
W590044		<0.05	<50	<50	<5	<50	30
W590045		<0.05	<50	<50	<5	<50	30
W590046		<0.05	<50	<50	<5	<50	30
W590047		<0.05	<50	<50	<5	<50	10
W590048		<0.05	<50	<50	5	<50	20
W590049		<0.05	<50	<50	7	<50	20
W590050		<0.05	<50	<50	60	<50	2310
W590051		<0.05	<50	<50	52	<50	70
W590052		<0.05	<50	<50	<5	<50	10
W590053		<0.05	<50	<50	<5	<50	10
W590054		<0.05	<50	<50	<5	<50	10
W590055		<0.05	<50	<50	71	<50	50
W590056		<0.05	<50	<50	5	<50	10
W590057		<0.05	<50	<50	<5	<50	10
W590058		<0.05	<50	<50	37	<50	30
W590059		0.27	<50	<50	91	<50	50
W590060		0.35	<50	<50	69	<50	50
W590061		<0.05	<50	<50	41	<50	20
W590062		<0.05	<50	<50	21	<50	20
W590063		0.12	<50	<50	74	<50	50
W590064		0.29	<50	<50	111	<50	100
W590065		0.06	<50	<50	48	<50	40
W590066		<0.05	<50	<50	8	<50	30
W590067		<0.05	<50	<50	<5	<50	20
W590068		0.23	<50	<50	96	<50	100
W590069		<0.05	<50	<50	<5	<50	10
W590070		<0.05	<50	<50	20	<50	20
W590071		<0.05	<50	<50	6	<50	20
W590072		<0.05	<50	<50	39	<50	40



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183019

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17183029

Project: Dan Man
 P.O. No.: 1006216-Batch 3
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH17183029

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.001	1	0.05	10	50	5	10	0.05	5	5	5	0.05	50	
W590073		2.58	<0.001	<1	1.22	<10	50	<5	<10	0.48	<5	10	22	10	2.57	<50
W590074		1.76	<0.001	<1	1.68	<10	80	<5	<10	1.14	<5	13	22	12	2.88	<50
W590075		2.66	<0.001	<1	1.90	<10	150	<5	<10	1.49	<5	20	56	18	2.88	<50
W590076		2.30	<0.001	<1	2.74	<10	90	<5	<10	2.79	<5	19	332	7	3.38	<50
W590077		2.80	<0.001	<1	2.18	<10	160	<5	<10	2.14	<5	20	39	8	3.41	<50
W590078		2.90	<0.001	<1	0.92	<10	50	<5	<10	1.70	<5	<5	31	6	1.59	<50
W590079		2.20	<0.001	<1	0.05	<10	<50	<5	10	20.6	<5	<5	<5	<5	0.44	<50
W590080		2.76	<0.001	<1	0.38	<10	<50	<5	10	0.40	<5	<5	13	<5	0.76	<50
W590081		2.32	<0.001	<1	0.98	10	80	<5	<10	0.21	<5	9	31	10	1.99	<50
W590082		2.80	<0.001	<1	0.40	20	<50	<5	<10	0.15	<5	<5	13	<5	1.02	<50
W590083		2.18	<0.001	<1	0.35	<10	<50	<5	<10	<0.05	<5	<5	16	<5	0.79	<50
W590084		2.86	<0.001	1	1.71	<10	80	<5	<10	1.77	<5	13	46	15	3.15	<50
W590085		2.30	<0.001	<1	0.67	<10	<50	<5	<10	0.50	<5	<5	17	<5	1.31	<50
W590086		2.78	<0.001	1	0.36	<10	<50	<5	<10	0.05	<5	<5	10	<5	0.66	<50
W590087		2.24	0.001	1	0.78	20	<50	<5	<10	0.29	<5	6	17	<5	2.35	<50
W590088		2.36	<0.001	<1	2.29	20	160	<5	10	0.39	<5	27	60	8	5.43	<50
W590089		2.22	<0.001	<1	0.59	<10	<50	<5	<10	1.46	<5	<5	18	5	1.32	<50
W590090		2.40	<0.001	<1	0.31	<10	<50	<5	<10	<0.05	<5	<5	13	<5	0.63	<50
W590091		2.70	0.011	<1	0.48	<10	<50	<5	<10	0.07	<5	<5	10	<5	0.73	<50
W590092		2.42	<0.001	1	0.36	<10	<50	<5	<10	0.07	<5	<5	10	5	1.48	<50
W590093		0.32	1.170	1	0.65	240	110	<5	10	17.95	<5	<5	29	78	2.45	<50
W590094		2.32	<0.001	<1	0.29	<10	<50	<5	<10	0.41	<5	<5	14	<5	0.85	<50
W590095		2.74	<0.001	<1	2.83	10	300	<5	<10	2.80	<5	25	80	21	3.94	<50
W590096		2.56	<0.001	<1	2.20	<10	570	<5	<10	2.83	<5	21	81	22	3.54	<50
W590097		3.00	<0.001	<1	0.30	<10	<50	<5	<10	0.32	<5	<5	14	<5	0.67	<50
W590098		2.78	<0.001	<1	1.53	<10	80	<5	<10	3.07	<5	16	127	13	3.04	<50
W590099		2.82	<0.001	<1	1.80	<10	<50	<5	<10	2.18	<5	23	119	27	2.51	<50
W590100		3.04	<0.001	<1	0.82	10	<50	<5	<10	1.31	<5	8	31	17	1.60	<50
W590101		2.68	<0.001	<1	0.49	<10	<50	<5	<10	0.81	<5	<5	18	<5	1.21	<50
W590102		2.38	<0.001	<1	1.01	10	70	<5	<10	1.04	<5	9	19	<5	2.15	<50
W590103		2.18	<0.001	<1	1.37	<10	60	<5	<10	1.97	<5	17	21	<5	2.43	<50
W590104		1.80	<0.001	<1	0.33	10	<50	<5	<10	0.60	<5	<5	19	<5	0.75	<50
W590105		1.42	<0.001	<1	0.31	<10	<50	<5	<10	1.03	<5	<5	23	<5	1.01	<50
W590106		2.90	<0.001	<1	1.06	10	100	<5	<10	0.32	<5	10	52	<5	2.17	<50
W590107		2.06	<0.001	<1	1.07	<10	100	<5	<10	0.22	<5	13	44	<5	2.20	<50
W590108		3.00	<0.001	<1	0.44	10	50	<5	<10	0.05	<5	6	10	<5	0.95	<50



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CERTIFICATE OF ANALYSIS WH17183029

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590073		<5	0.67	<50	0.74	580	<5	<0.05	12	710	10	<0.05	10	5	39	<100
W590074		<5	0.93	<50	1.19	630	<5	<0.05	12	880	20	<0.05	<10	<5	48	<100
W590075		<5	1.05	<50	1.42	510	<5	<0.05	23	830	20	0.05	<10	<5	73	<100
W590076		<5	1.92	<50	3.14	550	<5	<0.05	35	750	10	<0.05	<10	9	62	<100
W590077		<5	1.58	<50	1.92	590	<5	<0.05	6	1020	20	0.25	<10	<5	81	<100
W590078		<5	0.63	<50	0.50	370	<5	<0.05	6	270	10	<0.05	<10	<5	14	<100
W590079		<5	<0.05	<50	11.50	210	<5	<0.05	<5	190	<10	<0.05	<10	<5	30	<100
W590080		<5	0.30	<50	0.14	170	<5	<0.05	<5	180	10	<0.05	<10	<5	<5	<100
W590081		<5	0.42	<50	0.37	400	<5	<0.05	13	370	<10	<0.05	10	6	10	<100
W590082		<5	0.18	<50	0.09	230	<5	<0.05	6	250	<10	<0.05	10	<5	14	<100
W590083		<5	0.18	<50	<0.05	240	<5	<0.05	<5	100	<10	<0.05	<10	<5	7	<100
W590084		<5	1.05	<50	1.17	640	<5	<0.05	22	800	<10	<0.05	10	8	25	<100
W590085		<5	0.39	<50	0.29	250	<5	<0.05	<5	340	10	<0.05	10	<5	12	<100
W590086		<5	0.18	<50	<0.05	80	<5	<0.05	<5	90	<10	<0.05	<10	<5	15	<100
W590087		<5	0.19	<50	0.14	300	<5	<0.05	<5	940	10	<0.05	20	7	18	<100
W590088		<5	1.52	<50	1.54	1340	<5	<0.05	27	1160	20	<0.05	30	17	20	<100
W590089		<5	0.37	<50	0.24	330	<5	<0.05	7	290	20	<0.05	<10	<5	24	<100
W590090		<5	0.20	<50	<0.05	100	<5	<0.05	<5	60	10	<0.05	10	<5	<5	<100
W590091		<5	0.30	<50	0.05	120	<5	<0.05	6	170	20	<0.05	<10	<5	10	<100
W590092		<5	0.15	<50	0.07	470	<5	<0.05	<5	110	30	<0.05	<10	<5	14	<100
W590093		<5	0.23	<50	3.11	1730	73	<0.05	79	1110	20	0.88	<10	<5	178	<100
W590094		<5	0.17	<50	0.05	170	<5	<0.05	6	80	10	<0.05	20	<5	7	<100
W590095		<5	1.87	<50	2.39	810	<5	<0.05	39	1370	10	0.22	<10	8	142	<100
W590096		<5	1.37	<50	1.99	770	<5	<0.05	22	920	<10	0.18	<10	9	158	<100
W590097		<5	0.21	<50	0.13	130	<5	<0.05	<5	70	10	<0.05	<10	<5	18	<100
W590098		<5	0.99	<50	1.29	830	<5	<0.05	38	410	20	0.06	10	11	65	<100
W590099		<5	1.04	<50	1.79	510	<5	<0.05	51	460	10	0.18	10	<5	113	<100
W590100		<5	0.65	<50	0.81	380	<5	0.06	23	290	30	0.08	<10	<5	53	<100
W590101		<5	0.39	<50	0.32	250	<5	0.06	10	170	10	<0.05	<10	<5	35	<100
W590102		<5	0.75	<50	0.69	400	<5	0.05	10	600	10	0.06	<10	<5	59	<100
W590103		<5	1.01	<50	1.24	520	<5	<0.05	15	580	10	0.12	10	<5	109	<100
W590104		<5	0.25	<50	0.16	170	5	<0.05	9	60	10	<0.05	<10	<5	21	<100
W590105		<5	0.20	<50	0.17	210	5	<0.05	10	110	<10	<0.05	<10	<5	21	<100
W590106		<5	0.49	<50	0.60	500	<5	<0.05	17	420	<10	<0.05	10	<5	16	<100
W590107		<5	0.57	<50	0.63	590	<5	<0.05	14	350	20	<0.05	<10	6	11	<100
W590108		<5	0.30	<50	0.07	230	<5	<0.05	7	150	40	<0.05	10	<5	8	<100



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CERTIFICATE OF ANALYSIS WH17183029

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590073		0.13	<50	<50	45	<50	50
W590074		0.24	<50	<50	57	<50	50
W590075		0.35	<50	<50	60	<50	60
W590076		0.20	<50	<50	84	<50	50
W590077		0.28	<50	<50	79	<50	60
W590078		<0.05	<50	<50	23	<50	20
W590079		<0.05	<50	<50	<5	<50	10
W590080		<0.05	<50	<50	8	<50	10
W590081		<0.05	<50	<50	40	<50	30
W590082		<0.05	<50	<50	7	<50	10
W590083		<0.05	<50	<50	<5	<50	10
W590084		0.09	<50	<50	61	<50	50
W590085		<0.05	<50	<50	20	<50	20
W590086		<0.05	<50	<50	<5	<50	10
W590087		<0.05	<50	<50	49	<50	40
W590088		0.13	<50	<50	141	<50	90
W590089		<0.05	<50	<50	14	<50	20
W590090		<0.05	<50	<50	<5	<50	10
W590091		<0.05	<50	<50	<5	<50	10
W590092		<0.05	<50	<50	<5	<50	20
W590093		<0.05	<50	<50	184	<50	430
W590094		<0.05	<50	<50	5	<50	10
W590095		0.33	<50	<50	97	<50	70
W590096		0.30	<50	<50	91	<50	60
W590097		<0.05	<50	<50	<5	<50	10
W590098		0.06	<50	<50	72	<50	50
W590099		0.27	<50	<50	53	<50	40
W590100		0.08	<50	<50	25	<50	10
W590101		<0.05	<50	<50	14	<50	<10
W590102		0.10	<50	<50	44	<50	10
W590103		0.17	<50	<50	51	<50	20
W590104		<0.05	<50	<50	<5	<50	<10
W590105		<0.05	<50	<50	9	<50	<10
W590106		0.12	<50	<50	37	<50	10
W590107		0.08	<50	<50	42	<50	20
W590108		<0.05	<50	<50	8	<50	<10



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To: **ARCUS DEVELOPMENT GROUP**
510 WEST HASTINGS ST.
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Page: **Appendix 1**
Total # Appendix Pages: **1**
Finalized Date: **10-OCT-2017**
Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183029

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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 Plus Appendix Pages
 Finalized Date: 10-OCT-2017
 Account: DEVARC

CERTIFICATE WH17183031

Project: Dan Man
 P.O. No.: 1006216-Batch 1
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183031

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W590109		2.42	<0.001	<1	3.54	10	350	<5	<10	0.54	<5	33	83	24	6.38	<50
W590110		2.80	<0.001	<1	0.96	10	90	<5	<10	0.16	<5	9	20	<5	2.21	<50
W590111		2.74	<0.001	1	0.29	<10	<50	<5	<10	<0.05	<5	<5	5	<5	0.79	<50
W590112		2.72	0.009	<1	0.30	20	<50	<5	<10	<0.05	<5	<5	14	<5	1.00	<50
W590113		2.70	0.002	<1	0.35	20	<50	<5	<10	<0.05	<5	<5	6	<5	0.84	<50
W590114		2.88	0.009	<1	0.36	20	<50	<5	<10	<0.05	<5	<5	7	<5	0.69	<50
W590115		3.10	0.033	<1	0.34	30	60	<5	<10	0.06	<5	<5	9	<5	1.13	<50
W590116		2.96	<0.001	<1	0.79	10	70	<5	<10	0.23	<5	<5	24	<5	1.76	<50
W590117		2.74	0.004	<1	0.44	10	50	<5	<10	0.06	<5	<5	16	<5	1.07	<50
W590118		3.46	<0.001	<1	0.38	10	<50	<5	<10	0.05	<5	<5	6	<5	1.00	<50
W590119		3.10	<0.001	<1	0.30	20	<50	<5	<10	<0.05	<5	<5	7	<5	0.91	<50
W590120		2.60	0.005	<1	1.16	<10	120	<5	<10	0.36	<5	14	11	6	3.50	<50
W590121		3.12	<0.001	<1	0.52	10	50	<5	<10	0.06	<5	5	11	<5	1.11	<50
W590122		2.52	0.002	<1	0.51	20	70	<5	<10	0.08	<5	<5	9	<5	1.47	<50
W590123		3.02	<0.001	<1	0.50	<10	<50	<5	<10	0.06	<5	<5	8	<5	1.11	<50
W590124		2.44	0.002	<1	<0.05	<10	<50	<5	<10	20.2	<5	<5	<5	<5	0.42	<50
W590125		3.14	0.004	<1	0.60	20	<50	<5	<10	0.11	<5	<5	8	<5	1.22	<50
W590126		3.36	0.005	<1	0.41	10	50	<5	<10	0.05	<5	<5	9	<5	1.04	<50
W590127		3.14	0.048	<1	0.39	10	80	<5	<10	0.11	<5	<5	8	<5	1.09	<50
W590128		3.00	0.046	<1	0.52	30	160	<5	<10	0.05	<5	6	8	<5	1.49	<50
W590129		3.22	0.002	<1	0.73	10	60	<5	<10	0.08	<5	<5	11	<5	1.50	<50
W590130		2.96	0.021	<1	0.41	20	60	<5	<10	<0.05	<5	<5	9	<5	1.05	<50
W590131		3.18	0.005	<1	0.56	10	<50	<5	<10	<0.05	<5	<5	6	<5	0.95	<50
W590132		0.32	1.190	<1	0.55	240	110	<5	<10	17.25	<5	6	25	68	2.49	<50
W590133		3.20	0.023	<1	0.43	10	50	<5	<10	<0.05	<5	<5	8	<5	1.02	<50
W590134		3.30	0.003	1	0.39	10	<50	<5	<10	<0.05	<5	<5	9	<5	0.81	<50
W590135		3.14	0.024	<1	0.44	20	70	<5	<10	<0.05	<5	<5	7	<5	1.03	<50
W590136		2.82	0.375	<1	0.43	160	420	<5	<10	<0.05	<5	<5	6	6	1.88	<50
W590137		2.88	0.554	<1	0.38	170	210	<5	<10	<0.05	<5	<5	5	<5	0.41	<50
W590138		3.50	0.229	1	0.60	1330	<50	<5	<10	<0.05	<5	<5	17	<5	1.53	<50
W590139		3.54	0.066	1	0.45	100	<50	<5	<10	<0.05	<5	<5	24	<5	1.07	<50
W590140		2.88	0.036	<1	0.40	40	70	<5	<10	<0.05	<5	<5	8	<5	1.27	<50
W590141		3.32	0.118	<1	0.45	90	130	<5	<10	<0.05	<5	<5	9	<5	0.84	<50
W590142		3.04	0.005	<1	2.04	90	110	<5	<10	<0.05	<5	15	50	<5	5.41	<50
W590143		2.92	0.046	<1	0.39	130	<50	<5	<10	<0.05	<5	<5	7	<5	1.04	<50
W590144		3.12	0.477	<1	0.37	110	<50	<5	<10	<0.05	<5	<5	6	<5	0.93	<50



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 Total # Pages: 2 (A - C)
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 Finalized Date: 10-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183031

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590109		<5	2.26	<50	2.60	1550	<5	<0.05	39	1850	10	<0.05	10	23	36	<100
W590110		<5	0.66	<50	0.58	560	<5	<0.05	14	600	10	<0.05	<10	5	19	<100
W590111		<5	0.21	<50	<0.05	160	<5	<0.05	7	80	10	<0.05	<10	<5	8	<100
W590112		8	0.19	<50	<0.05	140	<5	<0.05	8	130	20	<0.05	10	<5	13	<100
W590113		<5	0.23	<50	<0.05	190	<5	<0.05	5	110	20	<0.05	<10	<5	9	<100
W590114		<5	0.21	<50	<0.05	130	<5	<0.05	<5	150	<10	<0.05	<10	<5	8	<100
W590115		<5	0.23	<50	<0.05	330	<5	<0.05	7	200	10	<0.05	<10	<5	16	<100
W590116		<5	0.39	<50	0.34	310	<5	<0.05	12	330	10	<0.05	20	<5	20	<100
W590117		<5	0.27	<50	0.15	250	<5	<0.05	14	240	10	<0.05	<10	<5	9	<100
W590118		<5	0.23	<50	<0.05	200	<5	0.05	6	190	<10	<0.05	10	<5	6	<100
W590119		<5	0.20	<50	<0.05	200	<5	0.05	9	170	10	<0.05	<10	<5	<5	<100
W590120		5	0.49	60	0.45	650	<5	<0.05	10	1100	10	<0.05	10	<5	37	<100
W590121		<5	0.27	<50	0.08	270	<5	<0.05	14	210	<10	<0.05	10	<5	20	<100
W590122		<5	0.18	60	0.09	340	<5	<0.05	8	220	20	<0.05	<10	<5	21	<100
W590123		<5	0.19	<50	0.11	170	<5	<0.05	<5	140	10	<0.05	<10	<5	12	<100
W590124		<5	<0.05	<50	11.50	190	<5	<0.05	<5	200	<10	<0.05	10	<5	39	<100
W590125		<5	0.21	<50	0.12	200	<5	0.05	5	160	40	<0.05	<10	<5	14	<100
W590126		<5	0.20	<50	0.06	280	<5	<0.05	<5	140	20	<0.05	10	<5	16	<100
W590127		<5	0.20	<50	0.07	420	<5	<0.05	5	150	20	<0.05	<10	<5	13	<100
W590128		<5	0.23	<50	0.10	720	<5	<0.05	<5	150	20	<0.05	<10	<5	15	<100
W590129		<5	0.34	<50	0.21	350	<5	<0.05	5	270	<10	<0.05	<10	<5	16	<100
W590130		<5	0.20	<50	<0.05	350	<5	<0.05	6	130	<10	<0.05	<10	<5	19	<100
W590131		<5	0.24	<50	0.06	200	<5	<0.05	<5	90	10	<0.05	<10	<5	14	<100
W590132		6	0.21	<50	3.02	1700	71	<0.05	82	1080	30	0.88	10	<5	190	<100
W590133		<5	0.20	<50	0.05	250	<5	<0.05	<5	140	20	<0.05	<10	<5	18	<100
W590134		<5	0.19	<50	<0.05	80	<5	<0.05	9	80	<10	<0.05	<10	<5	10	<100
W590135		<5	0.19	<50	<0.05	360	<5	<0.05	5	140	20	<0.05	<10	<5	29	100
W590136		<5	0.22	<50	<0.05	80	5	<0.05	14	180	40	<0.05	10	<5	42	<100
W590137		<5	0.25	<50	<0.05	30	8	<0.05	5	80	20	<0.05	<10	<5	43	<100
W590138		<5	0.42	<50	<0.05	40	12	<0.05	9	<50	20	0.14	<10	<5	41	<100
W590139		<5	0.23	<50	<0.05	40	<5	<0.05	6	<50	10	<0.05	10	<5	10	100
W590140		<5	0.18	<50	<0.05	40	5	<0.05	6	<50	<10	<0.05	<10	<5	5	100
W590141		<5	0.28	<50	<0.05	30	9	<0.05	<5	<50	10	0.07	10	<5	12	<100
W590142		<5	1.02	80	0.76	300	<5	<0.05	8	530	<10	0.07	20	19	144	<100
W590143		<5	0.17	<50	<0.05	600	<5	<0.05	<5	100	30	<0.05	10	<5	15	<100
W590144		<5	0.28	<50	<0.05	50	<5	<0.05	<5	<50	10	<0.05	20	<5	10	<100



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 Finalized Date: 10-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183031

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590109		0.29	<50	<50	156	<50	80
W590110		0.07	<50	<50	35	<50	10
W590111		<0.05	<50	<50	<5	<50	<10
W590112		<0.05	<50	<50	<5	<50	<10
W590113		<0.05	<50	<50	<5	<50	<10
W590114		<0.05	<50	<50	<5	<50	<10
W590115		<0.05	<50	<50	<5	<50	<10
W590116		0.06	<50	<50	21	<50	<10
W590117		<0.05	<50	<50	10	<50	<10
W590118		<0.05	<50	<50	5	<50	<10
W590119		<0.05	<50	<50	<5	<50	<10
W590120		0.05	<50	<50	65	<50	40
W590121		<0.05	<50	<50	6	<50	<10
W590122		<0.05	<50	<50	7	<50	10
W590123		<0.05	<50	<50	6	<50	<10
W590124		<0.05	<50	<50	<5	<50	<10
W590125		<0.05	<50	<50	6	<50	<10
W590126		<0.05	<50	<50	<5	<50	<10
W590127		<0.05	<50	<50	5	<50	<10
W590128		<0.05	<50	<50	9	<50	10
W590129		<0.05	<50	<50	19	<50	10
W590130		<0.05	<50	<50	6	<50	<10
W590131		<0.05	<50	<50	<5	<50	<10
W590132		<0.05	<50	<50	173	<50	400
W590133		<0.05	<50	<50	<5	<50	<10
W590134		<0.05	<50	<50	<5	<50	<10
W590135		<0.05	<50	<50	<5	<50	<10
W590136		<0.05	<50	<50	<5	<50	10
W590137		<0.05	<50	<50	<5	<50	<10
W590138		<0.05	<50	<50	9	<50	<10
W590139		<0.05	<50	<50	5	<50	<10
W590140		<0.05	<50	<50	<5	<50	<10
W590141		<0.05	<50	<50	<5	<50	<10
W590142		0.09	<50	<50	121	<50	90
W590143		<0.05	<50	<50	6	<50	<10
W590144		<0.05	<50	<50	<5	<50	<10



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Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183031

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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 Finalized Date: 7-OCT-2017
 Account: DEVARC

CERTIFICATE WH17183033

Project: Dan Man
 P.O. No.: 1006216-Barch 5
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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To: ARCUS DEVELOPMENT GROUP
 510 WEST HASTINGS ST.
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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183033

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W590145		3.02	0.080	<1	0.48	200	<50	<5	<10	<0.05	<5	<5	8	8	0.76	<50
W590146		3.20	0.014	<1	2.01	20	160	<5	<10	<0.05	<5	21	71	10	3.72	<50
W590147		3.18	0.050	<1	0.32	40	<50	<5	<10	<0.05	<5	<5	10	10	0.70	<50
W590148		3.22	0.123	1	0.37	60	<50	<5	<10	<0.05	<5	<5	10	8	0.72	<50
W590149		2.90	0.050	<1	0.36	80	<50	<5	<10	<0.05	<5	<5	11	6	0.60	<50
W590150		3.00	0.034	<1	0.35	220	<50	<5	<10	<0.05	<5	<5	9	5	0.68	<50
W590151		2.36	0.002	<1	<0.05	10	<50	<5	<10	21.3	<5	<5	<5	<5	0.45	<50
W590152		3.00	0.016	<1	0.99	90	60	<5	<10	0.11	<5	15	92	11	2.09	<50
W590153		3.50	0.572	<1	0.60	740	<50	<5	<10	0.06	<5	7	39	15	2.08	<50
W590154		3.42	0.016	1	0.50	50	<50	<5	<10	0.44	<5	<5	9	13	0.71	<50
W590155		3.44	0.581	<1	0.67	2960	50	<5	<10	0.22	<5	20	48	10	3.05	<50
W590156		3.52	0.033	<1	0.37	220	<50	<5	<10	0.46	<5	<5	10	<5	0.63	<50
W590157		3.44	0.033	<1	0.43	80	<50	<5	<10	0.25	<5	<5	10	<5	0.67	<50
W590158		3.48	0.030	<1	0.35	50	<50	<5	<10	<0.05	<5	<5	10	<5	0.57	<50
W590159		3.72	0.001	<1	0.27	10	<50	<5	<10	<0.05	<5	<5	11	<5	0.57	<50
W590160		3.74	<0.001	<1	0.32	<10	<50	<5	<10	0.35	<5	<5	11	<5	0.70	<50
W590161		3.70	0.001	<1	0.31	10	<50	<5	<10	0.31	<5	<5	10	<5	0.65	<50
W590162		3.66	<0.001	1	0.30	10	<50	<5	<10	0.29	<5	<5	9	<5	0.58	<50
W590163		3.96	<0.001	<1	0.41	<10	<50	<5	<10	0.06	<5	<5	8	<5	0.62	<50
W590164		3.56	0.015	<1	0.30	30	<50	<5	<10	0.28	<5	<5	7	<5	0.61	<50
W590165		3.62	0.020	<1	0.35	10	<50	<5	<10	0.67	<5	<5	9	<5	0.56	<50
W590166		3.62	0.013	<1	0.33	10	<50	<5	<10	1.95	<5	<5	9	<5	0.48	<50
W590167		3.64	0.005	1	0.29	20	<50	<5	<10	0.48	<5	<5	8	<5	0.59	<50
W590168		3.60	0.006	<1	0.36	20	<50	<5	<10	0.63	<5	<5	9	<5	0.59	<50
W590169		3.60	0.005	1	0.50	20	<50	<5	<10	0.90	<5	<5	9	<5	0.67	<50
W590170		3.54	<0.001	<1	0.32	<10	<50	<5	<10	0.77	<5	<5	10	<5	0.48	<50
W590171		3.64	<0.001	<1	0.29	<10	<50	<5	<10	0.56	<5	<5	12	<5	0.63	<50
W590172		3.48	0.001	<1	0.40	<10	<50	<5	<10	1.24	<5	<5	9	6	0.55	<50
W590173		3.72	<0.001	<1	1.62	<10	<50	<5	10	2.51	<5	16	16	6	3.09	<50
W590174		2.50	0.010	<1	0.59	30	<50	<5	20	0.34	<5	<5	9	<5	1.47	<50
W590175		0.32	1.355	32	1.18	510	620	<5	<10	0.25	32	7	12	133	5.35	<50
W590176		3.44	0.007	<1	0.39	20	<50	<5	10	0.05	<5	<5	9	<5	0.61	<50
W590177		3.60	0.001	<1	0.30	<10	<50	<5	10	<0.05	<5	<5	11	<5	0.53	<50
W590178		3.62	0.001	<1	0.42	<10	<50	<5	10	<0.05	<5	5	8	<5	0.78	<50
W590179		3.70	<0.001	<1	0.32	<10	<50	<5	10	<0.05	<5	<5	10	7	0.54	<50
W590180		3.80	<0.001	<1	0.31	10	<50	<5	10	<0.05	<5	<5	8	8	0.47	<50



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183033

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590145		<5	0.18	<50	<0.05	60	<5	<0.05	6	<50	10	<0.05	<10	<5	9	<100
W590146		<5	1.10	<50	1.07	1550	<5	<0.05	24	310	10	<0.05	20	13	110	<100
W590147		<5	0.13	<50	<0.05	100	5	<0.05	<5	<50	<10	<0.05	<10	<5	9	<100
W590148		<5	0.16	<50	<0.05	110	<5	<0.05	<5	<50	10	<0.05	<10	<5	<5	<100
W590149		<5	0.11	<50	<0.05	60	<5	<0.05	5	<50	20	<0.05	<10	<5	10	<100
W590150		<5	0.14	<50	<0.05	70	<5	<0.05	10	50	<10	<0.05	10	<5	10	<100
W590151		<5	<0.05	<50	11.90	210	<5	<0.05	<5	170	<10	<0.05	<10	<5	28	<100
W590152		<5	0.52	<50	0.45	1210	<5	<0.05	61	340	10	<0.05	<10	5	73	<100
W590153		<5	0.38	<50	0.09	570	<5	<0.05	34	260	20	0.05	10	<5	108	<100
W590154		<5	0.19	<50	0.20	140	<5	<0.05	8	70	20	<0.05	<10	<5	26	<100
W590155		<5	0.37	<50	0.11	810	<5	<0.05	60	510	20	0.56	10	5	164	<100
W590156		<5	0.20	<50	0.14	150	<5	<0.05	5	<50	10	<0.05	<10	<5	31	<100
W590157		<5	0.20	<50	0.05	150	<5	<0.05	6	<50	20	<0.05	<10	<5	19	<100
W590158		<5	0.15	<50	<0.05	150	<5	<0.05	<5	<50	<10	<0.05	<10	<5	10	<100
W590159		<5	0.17	<50	<0.05	100	<5	<0.05	<5	<50	10	<0.05	<10	<5	6	<100
W590160		<5	0.17	<50	<0.05	130	<5	<0.05	<5	<50	<10	<0.05	<10	<5	12	<100
W590161		<5	0.18	<50	0.05	130	<5	<0.05	<5	<50	10	<0.05	<10	<5	7	<100
W590162		<5	0.18	<50	<0.05	120	<5	<0.05	<5	<50	10	<0.05	<10	<5	7	<100
W590163		<5	0.22	<50	<0.05	100	<5	<0.05	<5	<50	10	<0.05	<10	<5	<5	<100
W590164		<5	0.17	<50	0.09	100	19	<0.05	<5	<50	<10	<0.05	<10	<5	12	<100
W590165		<5	0.25	<50	0.05	170	25	<0.05	<5	<50	<10	<0.05	<10	<5	37	<100
W590166		<5	0.16	<50	0.10	190	9	<0.05	<5	<50	10	<0.05	<10	<5	78	<100
W590167		<5	0.17	<50	0.05	170	10	<0.05	<5	<50	40	<0.05	<10	<5	15	<100
W590168		<5	0.19	<50	<0.05	140	<5	<0.05	<5	<50	10	<0.05	<10	<5	15	<100
W590169		<5	0.25	<50	<0.05	200	6	<0.05	<5	<50	20	<0.05	<10	<5	20	<100
W590170		<5	0.15	<50	0.05	140	<5	<0.05	5	<50	10	<0.05	10	<5	21	<100
W590171		<5	0.19	<50	0.08	140	5	<0.05	<5	<50	20	<0.05	<10	<5	12	<100
W590172		<5	0.20	<50	0.08	170	<5	0.06	5	<50	10	<0.05	<10	<5	43	<100
W590173		<5	1.21	<50	1.31	740	<5	<0.05	6	690	<10	0.05	10	10	72	<100
W590174		<5	0.19	<50	0.06	300	<5	<0.05	<5	60	<10	<0.05	70	<5	26	<100
W590175		<5	0.50	<50	0.09	1010	5	<0.05	6	1400	3220	0.36	30	5	155	<100
W590176		<5	0.16	<50	<0.05	120	<5	<0.05	<5	50	10	<0.05	10	<5	13	<100
W590177		<5	0.15	<50	<0.05	80	<5	0.05	<5	<50	<10	<0.05	<10	<5	7	<100
W590178		<5	0.18	<50	<0.05	140	<5	0.05	<5	<50	10	<0.05	<10	<5	8	<100
W590179		<5	0.16	<50	<0.05	60	<5	<0.05	<5	<50	<10	<0.05	20	<5	5	<100
W590180		<5	0.19	<50	<0.05	30	5	0.05	<5	<50	20	<0.05	10	<5	8	<100



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183033

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590145		<0.05	<50	<50	<5	<50	10
W590146		0.10	<50	<50	98	<50	90
W590147		<0.05	<50	<50	<5	<50	10
W590148		<0.05	<50	<50	<5	<50	10
W590149		<0.05	<50	<50	<5	<50	10
W590150		<0.05	<50	<50	<5	<50	10
W590151		<0.05	<50	<50	<5	<50	10
W590152		<0.05	<50	<50	29	<50	40
W590153		<0.05	<50	<50	14	<50	30
W590154		<0.05	<50	<50	<5	<50	10
W590155		<0.05	<50	<50	22	<50	30
W590156		<0.05	<50	<50	<5	<50	10
W590157		<0.05	<50	<50	<5	<50	10
W590158		<0.05	<50	<50	<5	<50	<10
W590159		<0.05	<50	<50	<5	<50	10
W590160		<0.05	<50	<50	<5	<50	10
W590161		<0.05	<50	<50	<5	<50	10
W590162		<0.05	<50	<50	<5	<50	10
W590163		<0.05	<50	<50	<5	<50	10
W590164		<0.05	<50	<50	<5	<50	10
W590165		<0.05	<50	<50	<5	<50	<10
W590166		<0.05	<50	<50	<5	<50	<10
W590167		<0.05	<50	<50	<5	<50	10
W590168		<0.05	<50	<50	<5	<50	10
W590169		<0.05	<50	<50	<5	<50	10
W590170		<0.05	<50	<50	<5	<50	<10
W590171		<0.05	<50	<50	<5	<50	10
W590172		<0.05	<50	<50	<5	<50	10
W590173		0.10	<50	<50	69	<50	40
W590174		<0.05	<50	<50	5	<50	10
W590175		<0.05	<50	<50	58	<50	2200
W590176		<0.05	<50	<50	<5	<50	<10
W590177		<0.05	<50	<50	<5	<50	<10
W590178		<0.05	<50	<50	<5	<50	10
W590179		<0.05	<50	<50	<5	<50	<10
W590180		<0.05	<50	<50	<5	<50	<10



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CERTIFICATE OF ANALYSIS WH17183033

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17183035

Project: Dan Man
 P.O. No.: 1006216-Batch 6
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH17183035

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W590181		3.94	0.005	<1	0.36	30	<50	<5	<10	<0.05	<5	<5	8	7	0.79	<50
W590182		4.10	<0.001	<1	0.28	10	<50	<5	20	<0.05	<5	<5	8	11	0.65	<50
W590183		3.64	<0.001	<1	0.30	10	<50	<5	<10	<0.05	<5	<5	10	5	0.64	<50
W590184		3.86	<0.001	<1	0.36	20	<50	<5	<10	<0.05	<5	<5	8	8	0.68	<50
W590185		3.54	<0.001	<1	0.29	10	<50	<5	<10	<0.05	<5	<5	8	<5	0.46	<50
W590186		3.46	<0.001	<1	0.61	10	<50	<5	<10	0.06	<5	<5	11	<5	1.35	<50
W590187		3.68	<0.001	<1	0.33	10	<50	<5	<10	<0.05	<5	<5	10	<5	0.82	<50
W590188		3.52	<0.001	<1	0.27	10	<50	<5	10	<0.05	<5	<5	10	<5	0.59	<50
W590189		3.58	0.002	<1	0.35	10	<50	<5	<10	<0.05	<5	<5	12	<5	0.54	<50
W590190		3.74	0.004	<1	0.39	30	<50	<5	10	<0.05	<5	<5	8	<5	0.68	<50
W590191		3.64	0.009	<1	0.31	50	<50	<5	<10	<0.05	<5	<5	10	<5	0.73	<50
W590192		3.70	0.513	<1	0.46	170	<50	<5	<10	<0.05	<5	<5	9	<5	0.90	<50
W590193		3.20	0.007	<1	0.88	90	70	<5	10	0.13	<5	6	46	7	2.36	<50
W590194		3.86	0.065	<1	0.31	40	<50	<5	10	<0.05	<5	<5	11	8	0.89	<50
W590195		3.88	0.009	<1	0.42	20	<50	<5	<10	<0.05	<5	<5	10	<5	0.81	<50
W590196		3.76	0.016	<1	0.34	30	<50	<5	<10	<0.05	<5	<5	11	<5	0.61	<50
W590197		3.74	0.009	<1	0.39	10	<50	<5	10	<0.05	<5	<5	10	<5	0.62	<50
W590198		0.32	1.465	28	1.22	540	650	<5	<10	0.26	31	10	13	135	5.39	<50
W590199		3.52	0.004	<1	0.36	10	<50	<5	10	<0.05	<5	<5	10	7	0.68	<50
W590200		3.52	0.004	<1	0.35	10	<50	<5	<10	<0.05	<5	<5	9	5	0.61	<50
W590201		2.68	0.010	<1	0.42	50	<50	<5	10	<0.05	<5	<5	12	16	1.09	<50
W590202		2.92	0.003	1	0.39	10	<50	<5	<10	<0.05	<5	<5	10	6	0.83	<50
W590203		3.26	0.011	<1	0.33	20	<50	<5	10	<0.05	<5	<5	9	<5	0.66	<50
W590204		3.58	0.005	<1	0.33	<10	<50	<5	<10	<0.05	<5	<5	9	<5	0.57	<50
W590205		2.54	0.004	<1	1.04	30	60	<5	<10	0.08	<5	<5	7	<5	1.66	<50
W590206		3.02	0.051	<1	0.59	80	50	<5	10	<0.05	<5	<5	11	8	1.01	<50
W590207		2.58	0.064	<1	0.37	30	<50	<5	<10	<0.05	<5	<5	8	6	0.89	<50
W590208		2.80	0.020	<1	0.39	20	<50	<5	10	<0.05	<5	<5	6	14	1.00	<50
W590209		2.98	0.010	<1	0.40	30	80	<5	10	<0.05	<5	<5	20	33	1.23	<50
W590210		2.68	0.002	<1	0.35	40	60	<5	10	<0.05	<5	6	11	11	0.99	<50
W590211		2.40	0.003	<1	<0.05	30	<50	<5	<10	20.3	<5	<5	<5	<5	0.41	<50
W590212		2.34	0.003	<1	0.58	30	100	<5	10	0.11	<5	7	27	29	1.74	<50
W590213		2.76	0.004	<1	0.33	20	<50	<5	<10	<0.05	<5	<5	9	27	0.66	<50
W590214		2.80	0.002	<1	0.41	20	60	<5	<10	0.11	<5	<5	10	34	1.25	<50
W590215		3.12	0.001	<1	0.44	20	60	<5	<10	0.06	<5	<5	8	41	0.90	<50
W590216		2.58	0.038	<1	0.44	40	60	<5	10	<0.05	<5	<5	7	11	0.83	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590181		<5	0.18	<50	<0.05	170	<5	<0.05	<5	<50	10	<0.05	10	<5	11	<100
W590182		<5	0.17	<50	<0.05	40	19	<0.05	<5	<50	40	<0.05	10	<5	5	<100
W590183		<5	0.17	<50	<0.05	90	15	<0.05	<5	<50	10	<0.05	<10	<5	<5	<100
W590184		<5	0.18	<50	<0.05	100	9	<0.05	<5	<50	10	<0.05	<10	<5	<5	<100
W590185		<5	0.15	<50	<0.05	40	7	<0.05	<5	<50	<10	<0.05	10	<5	<5	<100
W590186		<5	0.24	<50	0.13	180	<5	<0.05	<5	140	10	<0.05	30	<5	28	<100
W590187		<5	0.21	<50	<0.05	80	<5	0.05	<5	<50	<10	<0.05	10	<5	<5	<100
W590188		<5	0.19	<50	<0.05	50	<5	<0.05	<5	<50	<10	<0.05	10	<5	5	<100
W590189		<5	0.19	<50	<0.05	90	<5	0.05	<5	<50	10	<0.05	<10	<5	7	<100
W590190		<5	0.20	<50	<0.05	200	<5	<0.05	<5	50	10	<0.05	10	<5	10	<100
W590191		<5	0.17	<50	<0.05	200	<5	<0.05	<5	50	10	<0.05	10	<5	9	<100
W590192		<5	0.30	<50	<0.05	130	<5	<0.05	<5	60	50	<0.05	10	<5	14	<100
W590193		<5	0.37	<50	0.28	380	<5	<0.05	9	430	20	<0.05	20	8	37	<100
W590194		<5	0.16	<50	<0.05	100	<5	<0.05	7	60	10	<0.05	10	<5	13	<100
W590195		<5	0.24	<50	<0.05	110	<5	0.05	<5	60	10	<0.05	10	<5	10	<100
W590196		<5	0.21	<50	<0.05	50	<5	<0.05	5	50	<10	<0.05	10	<5	9	<100
W590197		<5	0.19	<50	<0.05	70	<5	<0.05	<5	50	10	<0.05	10	<5	9	<100
W590198		<5	0.51	<50	0.10	1030	<5	<0.05	<5	1450	3420	0.42	20	5	167	<100
W590199		<5	0.19	<50	<0.05	80	<5	0.06	<5	<50	10	<0.05	<10	<5	<5	<100
W590200		<5	0.18	<50	<0.05	60	<5	<0.05	<5	<50	20	<0.05	10	<5	7	<100
W590201		<5	0.23	<50	0.05	200	<5	<0.05	<5	80	10	<0.05	10	<5	24	<100
W590202		<5	0.20	<50	<0.05	190	<5	<0.05	<5	50	10	<0.05	<10	<5	9	<100
W590203		<5	0.17	<50	<0.05	100	<5	<0.05	<5	<50	10	<0.05	10	<5	7	<100
W590204		<5	0.16	<50	<0.05	70	<5	<0.05	<5	<50	10	<0.05	<10	<5	7	<100
W590205		<5	0.42	<50	0.12	280	<5	<0.05	<5	110	10	<0.05	20	<5	15	<100
W590206		<5	0.17	<50	<0.05	200	<5	<0.05	<5	100	30	<0.05	<10	<5	28	<100
W590207		<5	0.15	<50	<0.05	170	<5	<0.05	<5	90	10	<0.05	30	<5	13	<100
W590208		<5	0.15	<50	<0.05	220	<5	<0.05	5	120	10	<0.05	20	<5	11	<100
W590209		<5	0.18	<50	<0.05	360	<5	<0.05	12	140	20	<0.05	10	<5	14	<100
W590210		<5	0.15	<50	<0.05	320	<5	<0.05	14	150	10	<0.05	10	<5	12	<100
W590211		<5	<0.05	<50	12.10	190	<5	<0.05	<5	190	10	<0.05	20	<5	48	<100
W590212		<5	0.20	<50	0.09	480	<5	<0.05	27	220	20	<0.05	20	<5	20	<100
W590213		<5	0.17	<50	<0.05	120	<5	<0.05	6	80	10	<0.05	20	<5	16	<100
W590214		<5	0.21	<50	0.07	270	<5	<0.05	7	180	10	<0.05	10	<5	16	<100
W590215		<5	0.24	<50	0.05	200	<5	<0.05	5	180	<10	<0.05	<10	<5	14	<100
W590216		<5	0.14	<50	<0.05	210	<5	<0.05	<5	110	10	<0.05	10	<5	18	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590181		<0.05	<50	<50	<5	<50	10
W590182		<0.05	<50	<50	<5	<50	10
W590183		<0.05	<50	<50	<5	<50	10
W590184		<0.05	<50	<50	<5	<50	10
W590185		<0.05	<50	<50	<5	<50	10
W590186		<0.05	<50	<50	11	<50	20
W590187		<0.05	<50	<50	<5	<50	10
W590188		<0.05	<50	<50	<5	<50	10
W590189		<0.05	<50	<50	<5	<50	10
W590190		<0.05	<50	<50	<5	<50	10
W590191		<0.05	<50	<50	<5	<50	10
W590192		<0.05	<50	<50	<5	<50	10
W590193		<0.05	<50	<50	49	<50	30
W590194		<0.05	<50	<50	<5	<50	10
W590195		<0.05	<50	<50	<5	<50	10
W590196		<0.05	<50	<50	<5	<50	10
W590197		<0.05	<50	<50	<5	<50	10
W590198		<0.05	<50	<50	57	<50	2310
W590199		<0.05	<50	<50	<5	<50	10
W590200		<0.05	<50	<50	<5	<50	10
W590201		<0.05	<50	<50	<5	<50	10
W590202		<0.05	<50	<50	<5	<50	10
W590203		<0.05	<50	<50	<5	<50	10
W590204		<0.05	<50	<50	<5	<50	<10
W590205		<0.05	<50	<50	7	<50	20
W590206		<0.05	<50	<50	<5	<50	30
W590207		<0.05	<50	<50	<5	<50	10
W590208		<0.05	<50	<50	<5	<50	10
W590209		<0.05	<50	<50	5	<50	10
W590210		<0.05	<50	<50	<5	<50	10
W590211		<0.05	<50	<50	<5	<50	10
W590212		<0.05	<50	<50	13	<50	30
W590213		<0.05	<50	<50	<5	<50	10
W590214		<0.05	<50	<50	<5	<50	10
W590215		<0.05	<50	<50	<5	<50	10
W590216		<0.05	<50	<50	<5	<50	10



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CERTIFICATE OF ANALYSIS WH17183035

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17183037

Project: Dan Man
 P.O. No.: 1006216-Batch 7
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W590217		2.96	0.087	<1	0.51	50	80	<5	10	<0.05	<5	5	6	39	1.17	<50
W590218		0.32	1.370	32	1.19	510	630	<5	20	0.25	31	9	12	134	5.37	<50
W590219		2.98	0.078	<1	0.51	60	50	<5	10	<0.05	<5	7	7	6	0.85	<50
W590220		2.94	0.025	<1	0.54	50	60	<5	<10	0.07	<5	6	7	6	1.20	<50
W590221		3.02	0.024	<1	0.46	50	60	<5	10	<0.05	<5	<5	7	5	0.90	<50
W590222		3.22	0.182	<1	0.48	70	100	<5	20	<0.05	<5	7	8	8	1.25	<50
W590223		2.84	0.201	<1	0.61	220	130	<5	10	0.05	<5	13	18	<5	2.19	<50
W590224		3.20	0.017	<1	0.58	90	100	<5	10	0.06	<5	9	12	10	1.84	<50
W590225		2.42	0.002	<1	0.49	<10	50	<5	10	<0.05	<5	5	8	7	0.65	<50
W590226		2.84	0.035	4	0.50	40	70	<5	10	<0.05	<5	6	8	14	0.94	<50
W590227		3.00	0.029	<1	0.45	60	<50	<5	10	<0.05	<5	8	8	5	0.89	<50
W590228		3.34	0.083	<1	0.47	30	<50	<5	10	<0.05	<5	<5	8	<5	0.74	<50
W590229		3.16	0.134	<1	0.46	60	<50	<5	10	<0.05	<5	<5	9	<5	0.93	<50
W590230		2.60	0.114	<1	0.74	40	<50	<5	10	<0.05	<5	<5	11	<5	0.96	<50
W590231		3.06	0.099	<1	0.40	30	<50	<5	<10	<0.05	<5	<5	7	<5	0.56	<50
W590232		3.18	0.110	<1	0.52	40	<50	<5	10	<0.05	<5	<5	6	<5	0.82	<50
W590233		3.48	0.149	<1	0.39	40	50	<5	10	<0.05	<5	5	9	<5	0.82	<50
W590234		3.66	0.102	<1	0.46	40	60	<5	10	<0.05	<5	<5	8	<5	0.68	<50
W590235		3.18	0.099	<1	0.48	40	<50	<5	10	<0.05	<5	<5	9	<5	0.68	<50
W590236		3.92	0.027	<1	0.46	30	<50	<5	<10	<0.05	<5	<5	8	<5	0.65	<50
W590237		3.70	0.012	<1	0.41	10	<50	<5	10	<0.05	<5	<5	7	<5	0.53	<50
W590238		4.04	0.010	<1	0.38	10	<50	<5	10	<0.05	<5	<5	9	<5	0.59	<50
W590239		3.80	0.036	<1	0.35	20	<50	<5	<10	<0.05	<5	<5	9	<5	0.55	<50
W590240		2.40	<0.001	<1	<0.05	<10	<50	<5	<10	20.3	<5	<5	<5	<5	0.44	<50
W590241		3.50	0.024	<1	0.52	20	<50	<5	<10	0.07	<5	<5	6	<5	0.69	<50
W590242		3.74	0.038	<1	0.44	<10	70	<5	<10	<0.05	<5	6	7	<5	0.52	<50
W590243		3.54	0.114	<1	0.44	30	<50	<5	10	0.11	<5	<5	8	<5	0.93	<50
W590244		3.66	0.073	<1	0.44	30	80	<5	<10	<0.05	<5	<5	7	20	0.79	<50
W590245		3.78	0.047	<1	0.48	20	80	<5	<10	<0.05	<5	<5	6	5	0.64	<50
W590246		3.30	0.118	<1	0.37	50	60	<5	10	<0.05	<5	<5	7	5	0.72	<50
W590247		3.38	0.118	<1	0.43	40	160	<5	<10	<0.05	<5	<5	8	<5	0.62	<50
W590248		3.50	0.139	<1	0.36	40	50	<5	10	<0.05	<5	<5	7	<5	0.65	<50
W590249		3.30	0.090	<1	0.54	30	100	<5	<10	0.06	<5	<5	6	<5	0.95	<50
W590250		3.38	0.066	<1	0.52	30	60	<5	10	0.05	<5	<5	8	<5	0.97	<50
W590251		4.12	0.062	<1	0.36	10	<50	<5	<10	<0.05	<5	<5	7	<5	0.51	<50
W590252		3.26	0.073	<1	0.46	20	50	<5	<10	0.05	<5	<5	7	7	0.73	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590217		<5	0.21	<50	<0.05	290	<5	<0.05	6	150	20	<0.05	20	<5	22	<100
W590218		9	0.51	<50	0.09	1010	<5	<0.05	7	1420	3270	0.36	50	5	160	<100
W590219		<5	0.15	<50	<0.05	210	<5	<0.05	<5	110	<10	<0.05	<10	<5	15	<100
W590220		<5	0.26	<50	<0.05	270	<5	<0.05	5	220	10	<0.05	10	<5	22	<100
W590221		<5	0.20	50	<0.05	180	<5	<0.05	<5	120	10	<0.05	<10	<5	22	<100
W590222		<5	0.29	<50	<0.05	360	<5	<0.05	9	140	10	<0.05	20	<5	8	<100
W590223		<5	0.34	<50	0.05	560	<5	<0.05	36	240	10	<0.05	10	<5	37	<100
W590224		<5	0.23	<50	0.05	420	<5	<0.05	27	260	10	<0.05	10	<5	44	<100
W590225		<5	0.20	<50	<0.05	210	<5	<0.05	8	120	10	<0.05	<10	<5	14	<100
W590226		<5	0.21	<50	<0.05	250	<5	<0.05	<5	120	10	<0.05	10	<5	27	<100
W590227		<5	0.20	<50	<0.05	90	<5	<0.05	6	90	10	<0.05	20	<5	17	<100
W590228		<5	0.18	<50	<0.05	80	<5	<0.05	<5	80	10	<0.05	10	<5	13	<100
W590229		<5	0.19	<50	<0.05	190	<5	<0.05	<5	100	20	<0.05	10	<5	9	<100
W590230		<5	0.22	<50	<0.05	190	<5	<0.05	<5	120	20	<0.05	10	<5	12	<100
W590231		<5	0.13	<50	<0.05	40	<5	0.06	<5	90	10	<0.05	20	<5	17	<100
W590232		<5	0.18	<50	<0.05	140	<5	0.05	6	100	20	<0.05	10	<5	17	<100
W590233		<5	0.18	<50	<0.05	190	<5	<0.05	<5	100	40	<0.05	20	<5	9	<100
W590234		<5	0.16	<50	<0.05	270	<5	<0.05	<5	70	10	<0.05	10	<5	7	<100
W590235		<5	0.20	<50	<0.05	110	<5	<0.05	<5	70	20	<0.05	10	<5	6	<100
W590236		<5	0.19	<50	<0.05	150	<5	<0.05	<5	50	20	<0.05	10	<5	9	<100
W590237		<5	0.20	<50	<0.05	150	<5	0.07	<5	70	10	<0.05	10	<5	12	<100
W590238		<5	0.25	<50	<0.05	100	<5	0.09	<5	50	<10	<0.05	<10	<5	8	<100
W590239		<5	0.20	<50	<0.05	130	<5	0.07	<5	60	10	<0.05	<10	<5	11	<100
W590240		<5	<0.05	<50	12.05	190	<5	<0.05	<5	180	10	<0.05	20	<5	51	<100
W590241		<5	0.22	<50	0.05	100	<5	<0.05	<5	60	10	<0.05	<10	<5	18	<100
W590242		<5	0.28	<50	<0.05	110	<5	<0.05	<5	80	10	<0.05	10	<5	9	<100
W590243		<5	0.33	<50	0.06	110	<5	<0.05	<5	80	10	<0.05	10	<5	22	<100
W590244		<5	0.27	<50	<0.05	270	<5	<0.05	10	70	20	<0.05	<10	<5	15	<100
W590245		<5	0.16	<50	<0.05	300	<5	<0.05	<5	80	10	<0.05	<10	<5	16	<100
W590246		<5	0.19	50	<0.05	110	<5	<0.05	<5	80	10	<0.05	10	<5	15	<100
W590247		<5	0.18	<50	<0.05	90	<5	<0.05	<5	<50	10	<0.05	<10	<5	9	<100
W590248		<5	0.18	<50	<0.05	130	<5	<0.05	<5	50	10	<0.05	<10	<5	15	<100
W590249		<5	0.15	50	<0.05	310	<5	<0.05	<5	100	20	<0.05	10	<5	32	<100
W590250		<5	0.13	<50	<0.05	190	<5	<0.05	<5	50	20	<0.05	10	<5	16	<100
W590251		<5	0.20	<50	<0.05	90	<5	0.05	<5	60	<10	<0.05	10	<5	14	<100
W590252		<5	0.19	50	<0.05	120	<5	<0.05	<5	100	20	<0.05	10	<5	19	<100



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183037

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590217		<0.05	<50	<50	<5	<50	10
W590218		<0.05	<50	<50	58	<50	2220
W590219		<0.05	<50	<50	<5	<50	10
W590220		<0.05	<50	<50	<5	<50	10
W590221		<0.05	<50	<50	<5	<50	10
W590222		<0.05	<50	<50	6	<50	10
W590223		<0.05	<50	<50	14	<50	20
W590224		<0.05	<50	<50	7	<50	20
W590225		<0.05	<50	<50	<5	<50	<10
W590226		<0.05	<50	<50	<5	<50	10
W590227		<0.05	<50	<50	<5	<50	10
W590228		<0.05	<50	<50	<5	<50	10
W590229		<0.05	<50	<50	<5	<50	20
W590230		<0.05	<50	<50	<5	<50	10
W590231		<0.05	<50	<50	<5	<50	<10
W590232		<0.05	<50	<50	<5	<50	10
W590233		<0.05	<50	<50	<5	<50	<10
W590234		<0.05	<50	<50	<5	<50	<10
W590235		<0.05	<50	<50	<5	<50	<10
W590236		<0.05	<50	<50	<5	<50	<10
W590237		<0.05	<50	<50	<5	<50	10
W590238		<0.05	<50	<50	<5	<50	50
W590239		<0.05	<50	<50	<5	<50	<10
W590240		<0.05	<50	<50	<5	<50	10
W590241		<0.05	<50	<50	<5	<50	10
W590242		<0.05	<50	<50	<5	<50	<10
W590243		<0.05	<50	<50	<5	<50	<10
W590244		<0.05	<50	<50	<5	<50	10
W590245		<0.05	<50	<50	<5	<50	<10
W590246		<0.05	<50	<50	<5	<50	<10
W590247		<0.05	<50	<50	<5	<50	<10
W590248		<0.05	<50	<50	<5	<50	10
W590249		<0.05	<50	<50	<5	<50	10
W590250		<0.05	<50	<50	<5	<50	10
W590251		<0.05	<50	<50	<5	<50	<10
W590252		<0.05	<50	<50	<5	<50	10



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CERTIFICATE OF ANALYSIS WH17183037

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	CRU-QC
	LOG-22	LOG-23	ME-ICP41a	PUL-32
	PUL-QC	SPL-21	WEI-21	



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CERTIFICATE WH17183045

Project: Dan Man
 P.O. No.: 1006216-Batch 8
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

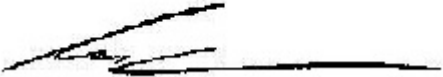
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W590253		3.38	0.033	1	0.44	20	<50	<5	10	0.06	<5	<5	5	<5	0.65	<50
W590254		3.32	0.195	<1	0.41	50	<50	<5	<10	<0.05	<5	<5	9	<5	0.76	<50
W590255		3.14	0.085	1	0.46	40	<50	<5	<10	<0.05	<5	<5	7	6	0.69	<50
W590256		3.68	0.229	<1	0.55	60	50	<5	<10	1.27	<5	<5	6	<5	0.73	<50
W590257		3.66	0.211	<1	0.39	40	<50	<5	10	0.09	<5	<5	9	<5	0.78	<50
W590258		3.48	0.167	<1	0.36	40	60	<5	<10	<0.05	<5	<5	8	<5	0.73	<50
W590259		3.26	0.142	<1	0.35	50	<50	<5	<10	<0.05	<5	<5	8	<5	0.81	<50
W590260		3.12	0.165	1	0.37	60	<50	<5	<10	<0.05	<5	<5	10	<5	0.85	<50
W590261		3.04	0.213	<1	0.36	70	<50	<5	<10	<0.05	<5	<5	9	<5	0.80	<50
W590262		3.14	0.239	<1	0.44	70	<50	<5	10	0.07	<5	<5	7	<5	0.78	<50
W590263		3.04	0.178	<1	0.38	30	<50	<5	<10	<0.05	<5	<5	10	<5	0.87	<50
W590264		3.44	0.106	<1	0.35	30	<50	<5	10	<0.05	<5	5	9	<5	0.57	<50
W590265		3.44	0.229	<1	0.46	20	<50	<5	10	<0.05	<5	<5	9	<5	0.64	<50
W590266		3.82	0.029	<1	0.34	20	<50	<5	<10	<0.05	<5	<5	9	<5	0.55	<50
W590267		3.60	2.23	1	0.39	180	<50	<5	10	<0.05	<5	5	10	<5	0.85	<50
W590268		3.60	0.098	<1	0.49	30	<50	<5	<10	0.44	<5	<5	8	<5	0.61	<50
W590269		3.42	0.063	<1	0.47	20	70	<5	<10	<0.05	<5	<5	9	<5	0.81	<50
W590270		3.50	0.069	<1	0.41	20	210	<5	10	0.05	<5	6	9	<5	0.81	<50
W590271		3.90	0.044	<1	0.44	20	<50	<5	<10	<0.05	<5	<5	8	<5	0.58	<50
W590272		3.24	0.366	<1	0.43	60	50	<5	10	0.05	<5	<5	10	<5	0.87	<50
W590273		3.14	0.060	<1	0.30	10	<50	<5	10	<0.05	<5	<5	11	<5	0.74	<50
W590274		3.74	0.116	<1	0.34	40	<50	<5	<10	<0.05	<5	5	10	<5	0.69	<50
W590275		3.76	0.171	<1	0.36	20	<50	<5	<10	<0.05	<5	<5	13	<5	0.78	<50
W590276		3.88	0.003	<1	0.31	<10	<50	<5	10	<0.05	<5	<5	9	<5	0.49	<50
W590277		3.88	0.004	<1	0.40	<10	<50	<5	<10	2.19	<5	<5	8	<5	1.03	<50
W590278		0.32	1.395	30	1.25	510	650	<5	<10	0.27	32	10	13	137	5.52	<50
W590279		3.04	0.003	<1	1.07	<10	50	<5	10	0.53	<5	<5	10	<5	2.14	<50
W590280		3.50	<0.001	<1	0.52	20	50	<5	<10	0.17	<5	<5	10	10	1.02	<50
W590281		3.44	<0.001	<1	0.37	20	<50	<5	<10	0.05	<5	<5	8	<5	0.82	<50
W590282		2.32	0.001	<1	<0.05	10	<50	<5	<10	20.7	<5	<5	<5	<5	0.45	<50
W590283		3.80	0.001	<1	0.36	10	<50	<5	<10	0.10	<5	<5	8	<5	0.60	<50
W590284		3.58	0.050	<1	0.39	50	70	<5	<10	0.11	<5	<5	7	<5	0.69	<50
W590285		3.52	0.005	<1	0.41	30	<50	<5	<10	0.21	<5	6	11	<5	1.03	<50
W590286		2.82	0.003	<1	0.58	30	<50	<5	<10	0.07	<5	<5	11	<5	1.15	<50
W590287		2.88	0.077	<1	0.51	20	<50	<5	10	<0.05	<5	<5	10	<5	0.84	<50
W590288		3.24	0.001	<1	0.52	<10	<50	<5	<10	0.39	<5	<5	9	<5	0.77	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590253		<5	0.22	<50	<0.05	120	<5	<0.05	<5	100	20	<0.05	<10	<5	11	<100
W590254		<5	0.23	<50	<0.05	150	<5	<0.05	<5	70	20	<0.05	<10	<5	10	<100
W590255		<5	0.19	<50	<0.05	170	<5	<0.05	<5	70	10	<0.05	<10	<5	16	<100
W590256		<5	0.19	<50	<0.05	180	<5	<0.05	<5	70	20	<0.05	<10	<5	29	<100
W590257		<5	0.28	<50	<0.05	130	<5	<0.05	<5	70	10	<0.05	<10	<5	13	<100
W590258		<5	0.29	<50	<0.05	70	<5	<0.05	<5	60	20	<0.05	<10	<5	6	<100
W590259		<5	0.25	<50	<0.05	70	<5	<0.05	<5	100	40	<0.05	<10	<5	54	<100
W590260		<5	0.27	<50	<0.05	70	<5	<0.05	5	80	40	<0.05	<10	<5	41	<100
W590261		<5	0.26	<50	<0.05	180	<5	<0.05	<5	90	40	<0.05	<10	<5	17	<100
W590262		<5	0.26	<50	<0.05	240	<5	<0.05	<5	70	30	<0.05	<10	<5	18	<100
W590263		<5	0.28	<50	<0.05	120	<5	<0.05	5	<50	30	<0.05	<10	<5	13	<100
W590264		<5	0.26	<50	<0.05	120	<5	<0.05	8	80	20	<0.05	<10	<5	9	<100
W590265		<5	0.24	<50	<0.05	90	<5	<0.05	<5	50	20	<0.05	<10	<5	12	<100
W590266		<5	0.19	<50	<0.05	60	<5	0.06	5	70	10	<0.05	<10	<5	7	<100
W590267		<5	0.29	<50	<0.05	110	<5	<0.05	5	100	30	<0.05	<10	<5	17	<100
W590268		<5	0.22	<50	<0.05	130	<5	<0.05	<5	80	20	<0.05	<10	<5	23	<100
W590269		<5	0.27	<50	<0.05	210	<5	0.05	<5	100	20	<0.05	<10	<5	19	<100
W590270		<5	0.19	<50	<0.05	930	<5	<0.05	<5	110	40	<0.05	<10	<5	42	<100
W590271		<5	0.21	<50	<0.05	140	<5	0.06	<5	70	20	<0.05	<10	<5	10	<100
W590272		<5	0.23	<50	<0.05	240	<5	<0.05	<5	120	30	<0.05	<10	<5	56	<100
W590273		<5	0.17	<50	<0.05	180	<5	0.07	5	70	20	<0.05	<10	<5	10	<100
W590274		<5	0.20	<50	<0.05	90	<5	0.07	<5	70	10	<0.05	<10	<5	10	<100
W590275		<5	0.23	<50	<0.05	130	<5	0.06	<5	60	20	<0.05	<10	<5	11	<100
W590276		<5	0.17	<50	<0.05	80	<5	0.07	5	90	<10	<0.05	<10	<5	15	<100
W590277		<5	0.19	<50	<0.05	190	<5	0.07	<5	50	30	<0.05	<10	<5	48	<100
W590278		7	0.52	<50	0.10	1060	7	<0.05	8	1460	3460	0.37	30	5	171	<100
W590279		<5	0.60	<50	0.40	360	<5	0.06	7	500	30	<0.05	<10	<5	30	<100
W590280		<5	0.25	<50	0.06	200	<5	<0.05	10	230	20	<0.05	<10	<5	22	<100
W590281		<5	0.20	<50	<0.05	110	<5	0.05	<5	110	20	<0.05	<10	<5	15	<100
W590282		<5	<0.05	<50	11.75	200	<5	<0.05	<5	190	10	<0.05	<10	<5	40	<100
W590283		<5	0.18	<50	0.05	120	<5	<0.05	<5	80	<10	<0.05	<10	<5	11	<100
W590284		<5	0.21	<50	<0.05	100	<5	<0.05	<5	50	10	<0.05	<10	<5	22	<100
W590285		<5	0.17	<50	0.13	190	<5	<0.05	<5	100	<10	<0.05	<10	<5	15	<100
W590286		<5	0.18	<50	0.05	230	<5	<0.05	<5	180	20	<0.05	<10	<5	24	<100
W590287		5	0.18	<50	<0.05	140	<5	<0.05	<5	80	30	<0.05	<10	<5	10	<100
W590288		<5	0.19	<50	<0.05	150	<5	<0.05	<5	70	10	<0.05	<10	<5	14	<100



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Project: Dan Man

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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590253		<0.05	<50	<50	<5	<50	10
W590254		<0.05	<50	<50	<5	<50	10
W590255		<0.05	<50	<50	<5	<50	10
W590256		<0.05	<50	<50	<5	<50	<10
W590257		<0.05	<50	<50	<5	<50	<10
W590258		<0.05	<50	<50	<5	<50	<10
W590259		<0.05	<50	<50	<5	<50	<10
W590260		<0.05	<50	<50	<5	<50	<10
W590261		<0.05	<50	<50	<5	<50	<10
W590262		<0.05	<50	<50	<5	<50	<10
W590263		<0.05	<50	<50	<5	<50	<10
W590264		<0.05	<50	<50	<5	<50	<10
W590265		<0.05	<50	<50	<5	<50	10
W590266		<0.05	<50	<50	<5	<50	10
W590267		<0.05	<50	<50	<5	<50	<10
W590268		<0.05	<50	<50	<5	<50	<10
W590269		<0.05	<50	<50	<5	<50	10
W590270		<0.05	<50	<50	<5	<50	10
W590271		<0.05	<50	<50	<5	<50	<10
W590272		<0.05	<50	<50	<5	<50	<10
W590273		<0.05	<50	<50	<5	<50	10
W590274		<0.05	<50	<50	<5	<50	10
W590275		<0.05	<50	<50	<5	<50	10
W590276		<0.05	<50	<50	<5	<50	10
W590277		<0.05	<50	<50	5	<50	20
W590278		<0.05	<50	<50	62	<50	2310
W590279		<0.05	<50	<50	24	<50	60
W590280		<0.05	<50	<50	<5	<50	30
W590281		<0.05	<50	<50	<5	<50	20
W590282		<0.05	<50	<50	<5	<50	20
W590283		<0.05	<50	<50	<5	<50	10
W590284		<0.05	<50	<50	<5	<50	10
W590285		<0.05	<50	<50	<5	<50	20
W590286		<0.05	<50	<50	<5	<50	20
W590287		<0.05	<50	<50	<5	<50	10
W590288		<0.05	<50	<50	<5	<50	10



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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CERTIFICATE WH17183047

Project: Dan Man
 P.O. No.: 1006216-Batch 9
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W590289		2.68	0.001	<1	0.66	<10	<50	<5	10	1.32	<5	<5	9	<5	0.79	<50
W590290		3.02	0.018	<1	0.62	20	50	<5	<10	1.06	<5	<5	7	32	0.59	<50
W590291		2.96	0.009	<1	0.54	<10	<50	<5	<10	0.94	<5	<5	7	<5	0.50	<50
W590292		3.06	<0.001	<1	0.49	10	<50	<5	10	0.61	<5	<5	9	<5	0.62	<50
W590293		3.78	0.008	<1	0.39	10	<50	<5	10	0.85	<5	<5	8	<5	0.61	<50
W590294		0.32	1.395	27	1.20	510	640	<5	<10	0.26	30	7	13	132	5.27	<50
W590295		2.64	0.001	1	0.41	10	<50	<5	<10	0.19	<5	<5	10	<5	0.64	<50
W590296		3.08	0.057	1	0.50	40	<50	<5	<10	<0.05	<5	5	11	<5	0.74	<50
W590297		2.56	0.211	<1	0.79	90	<50	<5	<10	0.23	<5	<5	8	<5	0.96	<50
W590298		2.62	0.272	<1	0.49	100	70	<5	<10	0.32	<5	<5	10	<5	0.96	<50
W590299		3.72	0.286	<1	0.44	50	<50	<5	<10	0.05	<5	5	13	<5	1.01	<50
W590300		3.28	0.108	<1	0.41	40	<50	<5	20	1.28	<5	<5	10	<5	0.89	<50
W590301		3.40	0.020	1	0.61	20	<50	<5	<10	1.12	<5	<5	9	<5	0.85	<50
W590302		2.90	0.029	<1	0.60	40	50	<5	10	2.71	<5	6	8	<5	1.25	<50
W590303		3.08	0.004	<1	0.70	10	80	<5	10	2.42	<5	<5	8	<5	1.37	<50
W590304		2.58	0.073	<1	0.54	40	<50	<5	10	1.23	<5	<5	7	<5	0.89	<50
W590305		2.44	0.080	<1	0.73	50	<50	<5	10	1.70	<5	<5	7	<5	0.79	<50
W590306		2.58	0.040	<1	0.61	90	<50	<5	<10	1.70	<5	<5	7	<5	0.78	<50
W590307		2.98	0.302	<1	0.50	100	50	<5	<10	0.35	<5	<5	7	<5	0.67	<50
W590308		2.58	0.287	<1	0.49	100	<50	<5	<10	0.81	<5	<5	7	<5	0.85	<50
W590309		2.40	0.176	<1	0.50	40	<50	<5	<10	0.79	<5	<5	8	<5	0.64	<50
W590310		2.06	0.054	<1	0.33	30	<50	<5	<10	0.35	<5	<5	8	<5	0.49	<50
W590311		1.86	0.071	<1	0.60	40	<50	<5	<10	0.51	<5	<5	12	6	0.96	<50
W590312		2.20	0.084	<1	0.55	40	<50	<5	<10	0.83	<5	<5	8	<5	0.69	<50
W590313		2.34	<0.001	<1	<0.05	10	<50	<5	<10	20.8	<5	<5	<5	<5	0.45	<50
W590314		2.04	0.047	<1	0.53	30	<50	<5	<10	0.61	<5	<5	14	5	0.82	<50
W590315		2.90	0.008	<1	0.30	10	<50	<5	10	0.58	<5	<5	11	5	0.67	<50
W590316		2.46	0.014	<1	0.45	10	<50	<5	<10	0.45	<5	<5	14	25	1.07	<50
W590317		2.12	0.016	<1	0.74	20	<50	<5	10	1.27	<5	6	11	9	1.36	<50
W590318		1.84	0.024	1	0.45	10	<50	<5	<10	0.86	<5	<5	14	7	0.92	<50
W590319		2.56	0.001	<1	0.57	10	<50	<5	<10	0.06	<5	<5	12	7	0.99	<50
W590320		2.88	0.004	<1	0.57	30	50	<5	10	<0.05	<5	<5	9	<5	1.22	<50
W590321		3.54	<0.001	<1	0.43	<10	<50	<5	<10	<0.05	<5	<5	7	<5	0.84	<50
W590322		2.68	<0.001	<1	0.48	20	<50	<5	10	<0.05	<5	<5	7	<5	0.72	<50
W590323		2.74	<0.001	1	0.38	<10	<50	<5	10	<0.05	<5	<5	7	<5	0.90	<50
W590324		2.64	<0.001	<1	0.54	<10	<50	<5	<10	<0.05	<5	<5	7	<5	0.84	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590289		<5	0.18	<50	<0.05	190	<5	<0.05	<5	50	<10	<0.05	<10	<5	33	<100
W590290		<5	0.24	50	0.05	130	<5	<0.05	<5	70	40	<0.05	<10	<5	41	<100
W590291		<5	0.20	50	<0.05	120	<5	<0.05	<5	60	<10	<0.05	<10	<5	34	<100
W590292		<5	0.27	<50	<0.05	150	<5	0.05	<5	80	10	<0.05	<10	<5	32	<100
W590293		<5	0.17	<50	<0.05	130	<5	<0.05	<5	50	<10	<0.05	<10	<5	22	<100
W590294		5	0.49	<50	0.09	1010	<5	<0.05	<5	1450	3410	0.37	20	<5	163	<100
W590295		6	0.17	<50	<0.05	130	<5	<0.05	<5	<50	10	<0.05	<10	<5	10	<100
W590296		<5	0.19	<50	<0.05	170	<5	<0.05	<5	<50	20	<0.05	<10	<5	9	<100
W590297		<5	0.24	<50	0.06	80	<5	<0.05	<5	60	10	<0.05	<10	<5	24	<100
W590298		<5	0.18	50	<0.05	390	<5	<0.05	<5	90	10	<0.05	<10	<5	21	<100
W590299		<5	0.23	<50	<0.05	200	<5	<0.05	5	60	10	<0.05	<10	<5	14	<100
W590300		<5	0.18	<50	<0.05	260	<5	<0.05	<5	110	20	<0.05	<10	<5	40	<100
W590301		<5	0.20	<50	0.05	170	<5	<0.05	<5	70	10	<0.05	<10	<5	26	<100
W590302		<5	0.25	50	0.15	430	<5	<0.05	<5	380	10	<0.05	10	<5	58	<100
W590303		<5	0.35	50	0.27	360	<5	<0.05	<5	390	<10	<0.05	<10	<5	74	<100
W590304		<5	0.14	<50	0.07	190	<5	<0.05	<5	90	10	<0.05	10	<5	35	<100
W590305		<5	0.16	<50	0.06	260	<5	<0.05	6	90	10	<0.05	<10	<5	62	<100
W590306		<5	0.24	<50	<0.05	180	<5	<0.05	<5	100	10	<0.05	<10	<5	72	<100
W590307		<5	0.24	<50	<0.05	70	<5	<0.05	<5	<50	60	0.07	<10	<5	36	<100
W590308		<5	0.19	<50	<0.05	150	<5	<0.05	<5	50	50	<0.05	10	<5	32	<100
W590309		<5	0.19	<50	<0.05	110	<5	<0.05	7	<50	<10	<0.05	<10	<5	28	<100
W590310		<5	0.17	<50	<0.05	80	<5	<0.05	<5	<50	<10	<0.05	<10	<5	16	<100
W590311		<5	0.28	<50	<0.05	140	<5	0.05	<5	60	<10	<0.05	<10	<5	21	<100
W590312		<5	0.26	<50	<0.05	120	<5	<0.05	<5	60	10	0.06	<10	<5	39	<100
W590313		<5	<0.05	<50	11.65	220	<5	<0.05	<5	180	<10	<0.05	<10	<5	45	<100
W590314		<5	0.23	<50	0.05	100	<5	<0.05	<5	80	10	<0.05	<10	<5	28	<100
W590315		<5	0.19	<50	0.07	80	<5	<0.05	<5	<50	<10	<0.05	<10	<5	15	<100
W590316		<5	0.23	<50	0.06	120	<5	<0.05	15	110	30	0.07	<10	<5	22	<100
W590317		<5	0.32	<50	0.24	270	<5	<0.05	<5	210	20	0.24	<10	<5	50	<100
W590318		<5	0.20	<50	0.17	150	<5	<0.05	<5	160	10	0.10	<10	<5	31	<100
W590319		<5	0.16	<50	<0.05	150	<5	<0.05	<5	60	<10	0.05	<10	<5	9	<100
W590320		<5	0.14	<50	<0.05	260	<5	<0.05	<5	100	10	<0.05	<10	<5	16	<100
W590321		<5	0.15	<50	<0.05	170	<5	<0.05	<5	80	10	<0.05	<10	<5	7	<100
W590322		<5	0.18	<50	<0.05	100	<5	<0.05	<5	70	<10	<0.05	<10	<5	9	<100
W590323		<5	0.17	<50	<0.05	170	<5	<0.05	<5	70	10	<0.05	<10	<5	8	<100
W590324		<5	0.13	<50	<0.05	100	<5	<0.05	<5	70	20	<0.05	<10	<5	10	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590289		<0.05	<50	<50	<5	<50	10
W590290		<0.05	<50	<50	<5	<50	10
W590291		<0.05	<50	<50	<5	<50	10
W590292		<0.05	<50	<50	<5	<50	10
W590293		<0.05	<50	<50	<5	<50	10
W590294		<0.05	<50	<50	59	<50	2270
W590295		<0.05	<50	<50	<5	<50	10
W590296		<0.05	<50	<50	<5	<50	10
W590297		<0.05	<50	<50	<5	<50	10
W590298		<0.05	<50	<50	<5	<50	10
W590299		<0.05	<50	<50	<5	<50	10
W590300		<0.05	<50	<50	<5	<50	20
W590301		<0.05	<50	<50	<5	<50	10
W590302		<0.05	<50	<50	5	<50	50
W590303		<0.05	<50	<50	5	<50	50
W590304		<0.05	<50	<50	<5	<50	10
W590305		<0.05	<50	<50	<5	<50	10
W590306		<0.05	<50	<50	<5	<50	20
W590307		<0.05	<50	<50	<5	<50	10
W590308		<0.05	<50	<50	<5	<50	30
W590309		<0.05	<50	<50	<5	<50	10
W590310		<0.05	<50	<50	<5	<50	10
W590311		<0.05	<50	<50	<5	<50	10
W590312		<0.05	<50	<50	<5	<50	20
W590313		<0.05	<50	<50	<5	<50	20
W590314		<0.05	<50	<50	<5	<50	30
W590315		<0.05	<50	<50	<5	<50	10
W590316		<0.05	<50	<50	<5	<50	20
W590317		<0.05	<50	<50	11	<50	20
W590318		<0.05	<50	<50	6	<50	10
W590319		<0.05	<50	<50	<5	<50	10
W590320		<0.05	<50	<50	5	<50	20
W590321		<0.05	<50	<50	<5	<50	10
W590322		<0.05	<50	<50	<5	<50	10
W590323		<0.05	<50	<50	<5	<50	10
W590324		<0.05	<50	<50	<5	<50	10



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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To: **ARCUS DEVELOPMENT GROUP**
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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 Plus Appendix Pages
 Finalized Date: 13-OCT-2017
 Account: DEVARC

CERTIFICATE WH17183050

Project: Dan Man
 P.O. No.: 1006216-Batch 10
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS	WH17183050
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Sample Description	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41a Ag ppm	ME-ICP41a Al %	ME-ICP41a As ppm	ME-ICP41a Ba ppm	ME-ICP41a Be ppm	ME-ICP41a Bi ppm	ME-ICP41a Ca %	ME-ICP41a Cd ppm	ME-ICP41a Co ppm	ME-ICP41a Cr ppm	ME-ICP41a Cu ppm	ME-ICP41a Fe %	ME-ICP41a Ga ppm
	Method Analyte Units LOR														
W590325	2.54	<0.001	1	0.45	10	<50	<5	<10	<0.05	<5	<5	7	<5	0.80	<50
W590326	2.88	0.025	<1	0.52	30	<50	<5	<10	<0.05	<5	<5	7	8	0.95	<50
W590327	2.44	0.007	<1	0.39	30	<50	<5	10	<0.05	<5	6	8	20	1.03	<50
W590328	3.24	0.020	1	0.48	60	60	<5	<10	0.07	<5	<5	6	6	1.29	<50
W590329	2.92	0.013	<1	0.33	10	<50	<5	10	<0.05	<5	<5	5	<5	0.78	<50
W590330	3.02	0.003	<1	0.49	10	<50	<5	<10	<0.05	<5	<5	6	<5	1.17	<50
W590331	2.58	0.030	<1	0.41	20	<50	<5	10	<0.05	<5	<5	6	<5	0.75	<50
W590332	3.14	0.004	<1	0.35	10	<50	<5	10	<0.05	<5	<5	7	<5	0.73	<50
W590333	3.14	0.024	<1	0.61	<10	<50	<5	10	0.97	<5	<5	8	5	1.30	<50
W590334	3.66	0.002	<1	0.38	10	<50	<5	<10	1.23	<5	<5	5	<5	0.88	<50
W590335	3.54	0.026	<1	0.29	30	<50	<5	<10	0.57	<5	<5	7	<5	0.60	<50
W590336	3.38	0.016	<1	0.39	30	<50	<5	<10	0.43	<5	5	7	8	0.83	<50
W590337	3.10	0.075	<1	0.46	70	<50	<5	<10	1.19	<5	<5	6	<5	0.94	<50
W590338	2.44	0.002	<1	<0.05	<10	<50	<5	<10	20.2	<5	<5	<5	<5	0.43	<50
W590339	2.96	0.062	<1	0.44	50	<50	<5	10	1.22	<5	<5	8	<5	0.89	<50
W590340	3.44	0.034	<1	0.55	30	<50	<5	<10	1.95	<5	<5	6	<5	0.81	<50
W590341	2.98	0.005	<1	0.43	20	<50	<5	<10	0.75	<5	<5	7	<5	0.55	<50
W590342	2.86	0.014	1	0.50	20	<50	<5	<10	0.52	<5	<5	9	<5	0.80	<50
W590343	3.22	0.058	<1	0.42	20	<50	<5	10	0.92	<5	<5	7	<5	0.67	<50
W590344	3.44	0.009	<1	0.35	20	<50	<5	<10	0.80	<5	<5	7	<5	0.46	<50
W590345	3.18	0.008	<1	0.38	10	<50	<5	<10	0.05	<5	<5	9	<5	0.58	<50
W590346	3.02	0.035	<1	0.52	30	<50	<5	<10	0.12	<5	<5	6	6	0.56	<50
W590347	3.34	0.027	<1	0.37	30	<50	<5	<10	0.46	<5	<5	6	<5	0.46	<50
W590348	3.12	0.071	<1	0.59	50	50	<5	<10	1.09	<5	<5	5	7	0.85	<50
W590349	2.98	0.107	1	0.44	30	<50	<5	<10	0.43	<5	<5	6	<5	0.75	<50
W590350	3.44	0.027	<1	0.45	20	<50	<5	<10	0.22	<5	5	8	<5	0.68	<50
W590351	2.72	0.018	1	0.52	30	<50	<5	10	1.19	<5	<5	7	<5	0.83	<50
W590352	3.22	0.029	<1	0.49	<10	<50	<5	<10	0.55	<5	<5	7	11	0.69	<50
W590353	3.18	0.001	<1	0.50	<10	<50	<5	<10	<0.05	<5	<5	6	6	0.46	<50
W590354	2.76	0.004	<1	0.48	10	<50	<5	<10	<0.05	<5	<5	8	7	0.94	<50
W590355	2.78	0.003	<1	0.51	10	<50	<5	10	0.05	<5	<5	9	<5	1.03	<50
W590356	2.74	<0.001	<1	0.43	<10	70	<5	<10	0.05	<5	<5	10	<5	0.98	<50
W590357	2.76	<0.001	<1	0.58	<10	<50	<5	10	0.91	<5	<5	11	<5	1.15	<50
W590358	2.66	<0.001	<1	0.65	<10	<50	<5	10	0.24	<5	<5	10	<5	0.95	<50
W590359	3.22	0.012	<1	0.48	<10	<50	<5	10	0.06	<5	<5	12	8	1.13	<50
W590360	0.32	1.045	<1	0.58	210	110	<5	20	17.90	<5	8	26	83	2.54	<50



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183050

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590325		<5	0.17	<50	<0.05	100	<5	<0.05	<5	90	10	<0.05	<10	<5	20	<100
W590326		<5	0.15	<50	<0.05	160	<5	<0.05	<5	50	10	<0.05	<10	<5	14	<100
W590327		<5	0.15	<50	<0.05	270	<5	<0.05	<5	70	30	<0.05	<10	<5	15	<100
W590328		<5	0.18	<50	<0.05	460	<5	<0.05	<5	80	80	<0.05	<10	<5	27	<100
W590329		<5	0.15	<50	<0.05	220	<5	<0.05	<5	<50	10	<0.05	<10	<5	9	<100
W590330		<5	0.17	<50	<0.05	170	5	<0.05	<5	70	10	<0.05	<10	<5	23	<100
W590331		<5	0.16	<50	<0.05	190	<5	<0.05	<5	60	10	0.07	<10	<5	15	<100
W590332		<5	0.17	<50	<0.05	170	<5	<0.05	<5	80	10	<0.05	<10	<5	10	<100
W590333		<5	0.37	<50	0.15	300	<5	<0.05	5	180	10	0.05	10	<5	28	<100
W590334		<5	0.18	<50	<0.05	250	<5	<0.05	<5	60	10	0.05	<10	<5	26	<100
W590335		<5	0.17	<50	<0.05	160	<5	<0.05	<5	<50	<10	<0.05	<10	<5	14	<100
W590336		<5	0.20	<50	<0.05	180	<5	<0.05	<5	<50	<10	0.05	<10	<5	22	<100
W590337		<5	0.20	<50	<0.05	230	<5	<0.05	<5	70	10	0.05	<10	<5	42	<100
W590338		<5	<0.05	<50	11.35	190	<5	<0.05	6	190	<10	0.05	<10	<5	37	<100
W590339		<5	0.17	<50	<0.05	210	<5	<0.05	<5	<50	10	0.05	<10	<5	29	<100
W590340		<5	0.19	<50	<0.05	220	<5	<0.05	<5	60	<10	<0.05	<10	<5	50	<100
W590341		<5	0.16	<50	0.07	190	<5	<0.05	<5	70	10	<0.05	<10	<5	24	<100
W590342		<5	0.22	<50	<0.05	200	<5	<0.05	<5	70	<10	<0.05	<10	<5	26	<100
W590343		6	0.17	<50	<0.05	150	<5	<0.05	<5	50	10	0.05	<10	<5	38	<100
W590344		<5	0.17	<50	<0.05	130	<5	<0.05	<5	<50	10	<0.05	<10	<5	24	<100
W590345		<5	0.17	<50	<0.05	100	<5	<0.05	<5	50	<10	<0.05	<10	<5	16	<100
W590346		<5	0.21	<50	<0.05	140	<5	<0.05	<5	50	10	<0.05	10	<5	13	<100
W590347		<5	0.17	<50	<0.05	90	<5	<0.05	<5	<50	<10	<0.05	<10	<5	15	<100
W590348		<5	0.18	<50	<0.05	290	<5	<0.05	<5	<50	10	<0.05	<10	<5	27	<100
W590349		<5	0.16	<50	<0.05	180	<5	<0.05	<5	<50	10	<0.05	<10	<5	20	<100
W590350		<5	0.17	<50	<0.05	190	<5	<0.05	<5	<50	20	<0.05	<10	<5	17	<100
W590351		<5	0.15	<50	<0.05	270	<5	<0.05	<5	<50	10	<0.05	<10	<5	26	<100
W590352		<5	0.21	<50	<0.05	210	<5	<0.05	<5	<50	10	<0.05	10	<5	11	<100
W590353		<5	0.16	<50	<0.05	140	<5	<0.05	<5	60	10	<0.05	<10	<5	20	<100
W590354		<5	0.17	<50	<0.05	220	<5	<0.05	<5	70	10	<0.05	20	<5	8	<100
W590355		<5	0.20	<50	<0.05	230	<5	<0.05	<5	100	<10	<0.05	10	<5	18	<100
W590356		<5	0.19	<50	<0.05	380	<5	<0.05	<5	150	10	<0.05	<10	<5	13	<100
W590357		<5	0.21	<50	0.06	250	<5	<0.05	<5	110	10	<0.05	<10	<5	16	<100
W590358		<5	0.23	<50	<0.05	210	<5	<0.05	<5	60	<10	<0.05	10	<5	12	<100
W590359		<5	0.18	<50	<0.05	340	<5	<0.05	7	90	10	<0.05	10	<5	24	<100
W590360		<5	0.20	<50	3.09	1680	71	<0.05	80	1050	20	0.88	10	<5	178	<100



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183050

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590325		<0.05	<50	<50	<5	<50	10
W590326		<0.05	<50	<50	<5	<50	20
W590327		<0.05	<50	<50	<5	<50	20
W590328		<0.05	<50	<50	<5	<50	20
W590329		<0.05	<50	<50	<5	<50	10
W590330		<0.05	<50	<50	<5	<50	20
W590331		<0.05	<50	<50	<5	<50	10
W590332		<0.05	<50	<50	<5	<50	10
W590333		<0.05	<50	<50	10	<50	30
W590334		<0.05	<50	<50	<5	<50	20
W590335		<0.05	<50	<50	<5	<50	10
W590336		<0.05	<50	<50	<5	<50	10
W590337		<0.05	<50	<50	<5	<50	10
W590338		<0.05	<50	<50	<5	<50	10
W590339		<0.05	<50	<50	<5	<50	10
W590340		<0.05	<50	<50	<5	<50	10
W590341		<0.05	<50	<50	<5	<50	10
W590342		<0.05	<50	<50	<5	<50	<10
W590343		<0.05	<50	<50	<5	<50	<10
W590344		<0.05	<50	<50	<5	<50	<10
W590345		<0.05	<50	<50	<5	<50	10
W590346		<0.05	<50	<50	<5	<50	10
W590347		<0.05	<50	<50	<5	<50	<10
W590348		<0.05	<50	<50	<5	<50	20
W590349		<0.05	<50	<50	<5	<50	10
W590350		<0.05	<50	<50	<5	<50	10
W590351		<0.05	<50	<50	<5	<50	20
W590352		<0.05	<50	<50	<5	<50	10
W590353		<0.05	<50	<50	<5	<50	<10
W590354		<0.05	<50	<50	<5	<50	20
W590355		<0.05	<50	<50	<5	<50	30
W590356		<0.05	<50	<50	<5	<50	40
W590357		<0.05	<50	<50	5	<50	30
W590358		<0.05	<50	<50	<5	<50	20
W590359		<0.05	<50	<50	<5	<50	30
W590360		<0.05	<50	<50	171	<50	410



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183050

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	CRU-QC
	LOG-22	LOG-23	ME-ICP41a	PUL-32
	PUL-QC	SPL-21	WEI-21	



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 Account: DEVARC

CERTIFICATE WH17183055

Project: Dan MaN
 P.O. No.: 1006216-Batch 11
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
BAG-01	Bulk Master for Storage
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan MaN

CERTIFICATE OF ANALYSIS WH17183055

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W590361		3.54	0.010	1	0.58	30	50	<5	<10	0.05	<5	<5	12	13	1.02	<50
W590362		3.02	0.023	<1	0.50	30	<50	<5	<10	1.08	<5	<5	8	<5	0.75	<50
W590363		2.96	0.034	1	0.45	10	80	<5	<10	0.29	<5	<5	8	11	0.75	<50
W590364		3.10	0.047	<1	0.47	10	<50	<5	<10	0.45	<5	<5	8	5	0.58	<50
W590365		2.90	0.090	<1	0.47	20	<50	<5	<10	<0.05	<5	<5	9	6	0.73	<50
W590366		2.78	0.073	<1	0.42	30	<50	<5	<10	<0.05	<5	<5	8	<5	0.75	<50
W590367		2.90	0.033	<1	0.42	20	<50	<5	<10	<0.05	<5	<5	9	<5	0.73	<50
W590368		3.08	0.004	<1	0.43	<10	<50	<5	<10	<0.05	<5	<5	10	<5	0.61	<50
W590369		2.92	0.006	1	0.50	10	<50	<5	<10	<0.05	<5	<5	10	6	0.86	<50
W590370		3.28	0.008	<1	0.45	10	<50	<5	<10	<0.05	<5	<5	8	11	0.88	<50
W590371		3.18	0.055	1	0.53	30	<50	<5	<10	<0.05	<5	<5	9	11	0.82	<50
W590372		2.70	0.005	<1	0.57	10	<50	<5	<10	<0.05	<5	<5	12	8	1.11	<50
W590373		2.74	0.017	<1	0.49	30	50	<5	<10	<0.05	<5	<5	11	9	1.20	<50
W590374		3.24	0.002	<1	0.48	10	<50	<5	<10	<0.05	<5	<5	9	6	0.68	<50
W590375		3.18	0.003	<1	0.47	10	<50	<5	<10	<0.05	<5	<5	8	5	0.66	<50
W590376		2.36	0.004	<1	<0.05	<10	<50	<5	<10	19.95	<5	<5	<5	<5	0.42	<50
W590377		3.32	<0.001	1	0.44	<10	<50	<5	<10	0.05	<5	<5	8	<5	0.63	<50
W590378		2.98	<0.001	<1	0.49	<10	<50	<5	<10	<0.05	<5	<5	9	5	0.74	<50
W590379		3.02	0.005	<1	0.57	10	<50	<5	<10	0.05	<5	<5	11	5	0.86	<50
W590380		3.32	<0.001	<1	0.52	10	<50	<5	<10	<0.05	<5	<5	9	<5	0.60	<50
W590381		3.04	0.005	1	0.54	20	<50	<5	<10	0.43	<5	<5	14	6	0.80	<50
W590382		2.78	0.001	<1	0.60	<10	<50	<5	<10	<0.05	<5	<5	10	7	0.65	<50
W590383		3.28	<0.001	<1	0.52	20	<50	<5	<10	<0.05	<5	<5	10	6	0.54	<50
W590384		3.30	0.001	1	1.08	20	<50	<5	<10	0.09	<5	6	27	5	1.93	<50
W590385		2.84	0.001	1	0.49	20	<50	<5	<10	<0.05	<5	<5	8	7	0.62	<50
W590386		3.30	<0.001	<1	0.60	10	<50	<5	<10	0.18	<5	<5	10	<5	0.65	<50
W590387		3.92	<0.001	<1	0.41	20	<50	<5	<10	0.42	<5	<5	11	7	0.61	<50
W590388		3.44	<0.001	<1	0.79	10	240	<5	<10	1.89	<5	<5	12	5	1.75	<50
W590389		0.32	1.410	30	1.17	510	660	<5	<10	0.26	32	6	11	136	5.68	<50
W590390		3.66	0.005	<1	1.08	20	880	<5	<10	3.61	<5	8	8	9	3.05	<50
W590391		3.66	<0.001	<1	1.45	10	190	<5	<10	4.06	<5	7	9	8	3.16	<50
W590392		3.62	<0.001	<1	1.07	30	280	<5	<10	3.67	<5	5	8	13	2.22	<50
W590393		4.06	<0.001	<1	1.39	20	470	<5	<10	3.33	<5	7	10	5	2.40	<50
W590394		3.38	0.035	<1	0.87	120	950	<5	<10	3.52	<5	9	5	14	2.48	<50
W590395		3.66	0.008	<1	0.99	40	250	<5	<10	3.93	<5	5	9	7	2.69	<50
W590396		3.70	<0.001	<1	0.77	20	610	<5	<10	3.37	<5	5	6	9	2.18	<50



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Project: Dan MaN

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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590361		<5	0.22	<50	<0.05	270	<5	<0.05	11	70	20	<0.05	<10	<5	21	<100
W590362		<5	0.18	<50	<0.05	210	<5	<0.05	8	70	10	<0.05	<10	<5	24	<100
W590363		<5	0.19	<50	<0.05	160	5	<0.05	12	50	20	<0.05	<10	<5	16	<100
W590364		<5	0.18	<50	<0.05	100	6	<0.05	<5	50	<10	<0.05	<10	<5	16	<100
W590365		<5	0.21	<50	<0.05	70	6	<0.05	6	60	20	<0.05	<10	<5	9	<100
W590366		<5	0.18	<50	<0.05	130	5	<0.05	6	50	10	<0.05	<10	<5	8	<100
W590367		<5	0.20	<50	<0.05	90	7	<0.05	5	<50	20	<0.05	<10	<5	9	<100
W590368		<5	0.23	<50	<0.05	160	<5	<0.05	5	<50	10	<0.05	<10	<5	<5	<100
W590369		<5	0.19	<50	<0.05	180	<5	<0.05	12	70	10	<0.05	<10	<5	12	<100
W590370		<5	0.18	<50	<0.05	230	<5	<0.05	11	110	10	<0.05	<10	<5	9	<100
W590371		<5	0.17	<50	<0.05	180	<5	<0.05	9	60	20	<0.05	<10	<5	6	<100
W590372		<5	0.18	<50	<0.05	290	<5	<0.05	8	150	10	<0.05	<10	<5	10	<100
W590373		<5	0.18	<50	<0.05	310	<5	<0.05	5	140	10	<0.05	<10	<5	5	<100
W590374		<5	0.16	<50	<0.05	150	5	<0.05	9	<50	10	<0.05	<10	<5	10	<100
W590375		<5	0.18	<50	<0.05	170	<5	<0.05	5	<50	10	<0.05	<10	<5	7	<100
W590376		<5	<0.05	<50	11.00	200	<5	<0.05	8	200	<10	<0.05	<10	<5	31	<100
W590377		<5	0.18	<50	<0.05	130	<5	<0.05	8	<50	20	<0.05	<10	<5	<5	<100
W590378		<5	0.16	<50	<0.05	200	<5	<0.05	7	<50	<10	<0.05	<10	<5	12	<100
W590379		<5	0.23	<50	<0.05	180	<5	<0.05	9	70	10	<0.05	<10	<5	11	<100
W590380		<5	0.20	<50	<0.05	150	<5	<0.05	5	<50	<10	<0.05	<10	<5	<5	<100
W590381		<5	0.24	<50	<0.05	180	<5	<0.05	7	<50	<10	<0.05	<10	<5	14	<100
W590382		<5	0.18	<50	<0.05	130	<5	<0.05	7	<50	10	<0.05	<10	<5	7	<100
W590383		<5	0.18	<50	<0.05	110	<5	<0.05	<5	<50	10	<0.05	<10	<5	6	<100
W590384		<5	0.42	<50	0.28	420	<5	<0.05	16	230	20	<0.05	<10	6	25	<100
W590385		<5	0.20	<50	<0.05	110	<5	<0.05	<5	<50	10	<0.05	<10	<5	5	<100
W590386		<5	0.17	<50	<0.05	170	<5	<0.05	5	<50	10	<0.05	<10	<5	<5	<100
W590387		<5	0.16	<50	<0.05	100	<5	<0.05	<5	<50	<10	<0.05	<10	<5	9	<100
W590388		<5	0.27	<50	0.22	400	<5	<0.05	8	270	20	<0.05	<10	<5	31	<100
W590389		<5	0.48	<50	0.10	1030	7	<0.05	12	1450	3540	0.47	30	5	160	<100
W590390		<5	0.43	<50	0.70	770	<5	<0.05	7	600	20	0.05	<10	8	78	<100
W590391		<5	0.53	<50	0.88	790	<5	<0.05	<5	640	30	0.05	<10	9	105	<100
W590392		<5	0.45	<50	0.45	620	5	<0.05	6	500	10	0.07	<10	7	94	<100
W590393		<5	0.50	<50	0.57	640	<5	<0.05	7	560	10	0.10	10	8	95	<100
W590394		<5	0.48	<50	0.67	740	5	<0.05	<5	300	<10	0.09	<10	5	105	<100
W590395		<5	0.39	<50	0.41	770	<5	<0.05	<5	450	<10	0.13	<10	8	101	<100
W590396		<5	0.44	<50	0.46	620	<5	<0.05	<5	300	<10	0.07	10	<5	75	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590361		<0.05	<50	<50	<5	<50	20
W590362		<0.05	<50	<50	<5	<50	20
W590363		<0.05	<50	<50	<5	<50	10
W590364		<0.05	<50	<50	<5	<50	20
W590365		<0.05	<50	<50	<5	<50	10
W590366		<0.05	<50	<50	<5	<50	10
W590367		<0.05	<50	<50	<5	<50	10
W590368		<0.05	<50	<50	<5	<50	10
W590369		<0.05	<50	<50	<5	<50	30
W590370		<0.05	<50	<50	<5	<50	30
W590371		<0.05	<50	<50	<5	<50	20
W590372		<0.05	<50	<50	6	<50	30
W590373		<0.05	<50	<50	<5	<50	50
W590374		<0.05	<50	<50	<5	<50	20
W590375		<0.05	<50	<50	<5	<50	20
W590376		<0.05	<50	<50	<5	<50	20
W590377		<0.05	<50	<50	<5	<50	20
W590378		<0.05	<50	<50	<5	<50	30
W590379		<0.05	<50	<50	<5	<50	40
W590380		<0.05	<50	<50	<5	<50	10
W590381		<0.05	<50	<50	<5	<50	20
W590382		<0.05	<50	<50	<5	<50	10
W590383		<0.05	<50	<50	<5	<50	10
W590384		<0.05	<50	<50	31	<50	110
W590385		<0.05	<50	<50	<5	<50	10
W590386		<0.05	<50	<50	<5	<50	20
W590387		<0.05	<50	<50	<5	<50	20
W590388		<0.05	<50	<50	25	<50	70
W590389		<0.05	<50	<50	59	<50	2320
W590390		<0.05	<50	<50	56	<50	60
W590391		<0.05	<50	<50	58	<50	60
W590392		<0.05	<50	<50	45	<50	70
W590393		<0.05	<50	<50	51	<50	80
W590394		<0.05	<50	<50	19	<50	70
W590395		<0.05	<50	<50	42	<50	100
W590396		<0.05	<50	<50	17	<50	60



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CERTIFICATE OF ANALYSIS WH17183055

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17183067

Project: Dan Man
 P.O. No.: 1006216-Batch 12
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W590397		3.34	<0.001	<1	0.58	80	140	<5	<10	0.73	<5	6	7	18	1.16	<50
W590398		3.58	<0.001	<1	0.48	10	<50	<5	<10	0.47	<5	<5	11	18	0.58	<50
W590399		2.68	<0.001	<1	0.59	10	<50	<5	<10	0.07	<5	<5	12	37	0.61	<50
W590400		2.74	<0.001	<1	0.46	10	<50	<5	<10	0.16	<5	<5	13	39	0.86	<50
W590401		3.14	<0.001	<1	0.44	20	<50	<5	<10	0.25	<5	<5	10	28	0.71	<50
W590402		2.74	<0.001	<1	0.59	10	<50	<5	10	0.90	<5	<5	8	24	0.74	<50
W590403		3.00	<0.001	<1	0.39	<10	<50	<5	<10	1.28	<5	<5	11	30	0.59	<50
W590404		2.84	<0.001	<1	0.42	10	<50	<5	<10	1.04	<5	<5	9	17	0.57	<50
W590405		2.90	<0.001	<1	0.48	<10	<50	<5	<10	1.42	<5	<5	7	14	0.48	<50
W590406		3.04	0.049	<1	0.42	50	<50	<5	<10	1.33	<5	<5	9	9	0.68	<50
W590407		3.10	0.026	<1	0.54	20	<50	<5	<10	2.30	<5	<5	7	9	0.81	<50
W590408		3.22	0.020	<1	0.90	20	50	<5	<10	0.32	<5	<5	7	16	1.13	<50
W590409		2.90	0.023	1	0.60	20	<50	<5	10	0.06	<5	<5	10	<5	1.14	<50
W590410		2.80	0.019	<1	0.59	20	<50	<5	<10	0.17	<5	<5	10	11	1.16	<50
W590411		2.90	0.025	<1	0.65	<10	<50	<5	<10	0.07	<5	<5	8	<5	1.02	<50
W590412		2.36	<0.001	<1	<0.05	<10	<50	<5	<10	20.7	<5	<5	<5	<5	0.45	<50
W590413		3.06	0.001	<1	0.52	<10	<50	<5	10	0.06	<5	<5	10	<5	0.97	<50
W590414		3.16	<0.001	<1	0.97	<10	50	<5	10	0.06	<5	<5	7	5	1.74	<50
W590415		2.70	<0.001	<1	1.91	<10	60	<5	10	0.53	<5	10	<5	<5	3.13	<50
W590416		3.54	<0.001	<1	1.92	<10	<50	<5	<10	1.85	<5	9	5	8	3.01	<50
W590417		3.02	<0.001	<1	0.71	10	50	<5	<10	0.09	<5	<5	8	8	1.77	<50
W590418		3.42	<0.001	<1	0.42	<10	<50	<5	10	0.05	<5	<5	20	9	1.24	<50
W590419		3.70	<0.001	<1	0.39	<10	<50	<5	<10	0.14	<5	<5	19	8	0.88	<50
W590420		3.36	<0.001	<1	1.16	<10	160	<5	<10	1.57	<5	<5	12	10	1.82	<50
W590421		3.00	<0.001	<1	2.44	<10	120	<5	10	2.34	<5	7	<5	7	2.90	<50
W590422		3.04	<0.001	<1	1.94	<10	220	<5	<10	2.14	<5	<5	6	6	2.70	<50
W590423		2.86	0.004	<1	1.06	10	160	<5	20	0.23	<5	<5	14	12	1.75	<50
W590424		3.10	0.003	<1	1.14	<10	290	<5	10	0.33	<5	9	12	14	3.17	<50
W590425		3.04	0.002	<1	1.31	<10	290	<5	<10	0.64	<5	8	10	14	2.90	<50
W590426		3.12	<0.001	1	1.05	<10	230	<5	10	3.79	<5	11	8	17	2.54	<50
W590427		3.34	<0.001	<1	1.10	<10	360	<5	<10	3.75	<5	10	6	14	3.28	<50
W590428		3.08	<0.001	<1	0.96	<10	190	<5	<10	2.62	<5	11	9	6	2.76	<50
W590429		3.24	<0.001	<1	0.94	<10	320	<5	<10	3.54	<5	11	7	6	2.64	<50
W590430		0.02	1.165	1	0.58	200	100	<5	10	17.20	<5	5	25	71	2.44	<50
W590431		2.46	<0.001	<1	0.92	<10	320	<5	<10	3.32	<5	9	7	12	2.60	<50
W590432		2.86	0.005	<1	1.01	<10	340	<5	<10	1.48	<5	12	9	12	3.01	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590397		6	0.28	<50	0.10	380	<5	<0.05	<5	140	20	<0.05	10	<5	60	<100
W590398		5	0.18	<50	<0.05	140	<5	<0.05	<5	<50	10	<0.05	10	<5	9	<100
W590399		7	0.14	<50	<0.05	100	<5	<0.05	<5	<50	10	<0.05	<10	<5	9	<100
W590400		<5	0.19	<50	<0.05	150	<5	<0.05	8	50	10	<0.05	10	<5	15	<100
W590401		5	0.17	<50	<0.05	100	<5	<0.05	<5	80	20	<0.05	<10	<5	12	<100
W590402		10	0.19	<50	0.10	160	5	<0.05	6	50	<10	<0.05	<10	<5	22	<100
W590403		8	0.16	<50	0.13	140	8	<0.05	6	<50	10	<0.05	<10	<5	36	<100
W590404		7	0.20	<50	0.12	150	13	<0.05	<5	<50	<10	<0.05	<10	<5	29	<100
W590405		6	0.17	<50	0.13	160	<5	<0.05	<5	<50	10	<0.05	<10	<5	40	<100
W590406		5	0.21	<50	0.10	180	<5	<0.05	<5	50	<10	0.10	<10	<5	37	<100
W590407		<5	0.19	<50	0.10	260	<5	<0.05	<5	80	10	0.09	<10	<5	67	<100
W590408		<5	0.34	<50	0.16	360	<5	<0.05	<5	70	10	<0.05	<10	<5	29	<100
W590409		<5	0.16	50	0.06	370	<5	<0.05	11	130	20	<0.05	10	<5	30	<100
W590410		<5	0.13	<50	<0.05	370	<5	<0.05	<5	100	10	<0.05	10	<5	28	<100
W590411		<5	0.13	<50	0.07	310	<5	<0.05	<5	150	<10	<0.05	10	<5	14	<100
W590412		<5	<0.05	<50	11.50	190	<5	<0.05	<5	130	<10	<0.05	10	<5	30	<100
W590413		<5	0.14	<50	0.06	320	<5	<0.05	<5	130	<10	<0.05	<10	<5	13	<100
W590414		<5	0.40	<50	0.27	530	<5	<0.05	<5	150	20	<0.05	10	<5	16	<100
W590415		<5	0.91	<50	0.70	560	<5	<0.05	<5	360	10	<0.05	10	10	50	<100
W590416		<5	0.81	<50	0.68	560	<5	<0.05	6	430	20	<0.05	20	11	58	<100
W590417		<5	0.17	<50	0.10	360	<5	<0.05	6	130	10	<0.05	10	<5	27	<100
W590418		<5	0.15	<50	0.05	230	<5	<0.05	6	60	<10	<0.05	20	<5	11	<100
W590419		<5	0.19	<50	<0.05	160	6	0.07	<5	<50	10	<0.05	10	<5	12	<100
W590420		<5	0.48	<50	0.40	570	<5	0.08	<5	210	10	<0.05	<10	<5	48	<100
W590421		<5	1.04	<50	1.02	770	<5	0.12	<5	410	10	<0.05	10	8	106	<100
W590422		<5	0.84	<50	0.86	690	<5	0.10	<5	390	<10	<0.05	<10	8	87	<100
W590423		<5	0.26	<50	0.16	500	<5	<0.05	5	330	10	<0.05	<10	<5	31	<100
W590424		<5	0.45	<50	0.16	930	<5	<0.05	<5	740	<10	<0.05	10	6	19	<100
W590425		<5	0.47	<50	0.15	780	<5	<0.05	6	740	20	<0.05	<10	8	22	<100
W590426		<5	0.44	<50	0.28	630	<5	<0.05	11	700	20	<0.05	<10	6	56	<100
W590427		<5	0.45	<50	0.17	1000	<5	<0.05	<5	550	30	<0.05	20	5	37	<100
W590428		<5	0.32	<50	0.40	640	<5	<0.05	<5	600	20	<0.05	<10	8	70	<100
W590429		<5	0.41	<50	0.28	670	<5	<0.05	<5	530	30	<0.05	<10	5	68	<100
W590430		<5	0.20	<50	2.97	1610	68	<0.05	71	1060	<10	0.79	10	<5	175	<100
W590431		<5	0.44	<50	0.24	640	<5	<0.05	<5	660	20	<0.05	<10	<5	86	<100
W590432		<5	0.46	<50	0.08	790	<5	<0.05	<5	720	20	<0.05	<10	5	39	<100



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Project: Dan Man

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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590397		<0.05	<50	<50	6	<50	30
W590398		<0.05	<50	<50	<5	<50	30
W590399		<0.05	<50	<50	<5	<50	20
W590400		<0.05	<50	<50	<5	<50	30
W590401		<0.05	<50	<50	<5	<50	20
W590402		<0.05	<50	<50	<5	<50	30
W590403		<0.05	<50	<50	<5	<50	20
W590404		<0.05	<50	<50	<5	<50	10
W590405		<0.05	<50	<50	<5	<50	10
W590406		<0.05	<50	<50	<5	<50	10
W590407		<0.05	<50	<50	<5	<50	10
W590408		<0.05	<50	<50	<5	<50	30
W590409		<0.05	<50	<50	<5	<50	30
W590410		<0.05	<50	<50	<5	<50	40
W590411		<0.05	<50	<50	5	<50	30
W590412		<0.05	<50	<50	5	<50	<10
W590413		<0.05	<50	<50	5	<50	20
W590414		<0.05	<50	<50	23	<50	60
W590415		0.06	<50	<50	64	<50	60
W590416		0.05	<50	<50	48	<50	60
W590417		<0.05	<50	<50	18	<50	40
W590418		<0.05	<50	<50	5	<50	10
W590419		<0.05	<50	<50	<5	<50	<10
W590420		<0.05	<50	<50	28	<50	20
W590421		0.07	<50	<50	65	<50	50
W590422		0.05	<50	<50	59	<50	40
W590423		<0.05	<50	<50	33	<50	50
W590424		<0.05	<50	<50	44	<50	50
W590425		<0.05	<50	<50	51	<50	70
W590426		<0.05	<50	<50	42	<50	110
W590427		<0.05	<50	<50	36	<50	70
W590428		<0.05	<50	<50	53	<50	60
W590429		<0.05	<50	<50	39	<50	90
W590430		<0.05	<50	<50	166	<50	390
W590431		<0.05	<50	<50	36	<50	50
W590432		<0.05	<50	<50	39	<50	60



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183067

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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CERTIFICATE WH17183077

Project: Dan Man
 P.O. No.: 1006216-Batch 13
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W590433		3.12	<0.001	<1	0.65	<10	160	<5	<10	1.95	<5	8	10	13	2.95	<50
W590434		2.66	<0.001	<1	0.58	<10	250	<5	<10	3.16	<5	7	9	12	2.77	<50
W590435		3.46	<0.001	<1	0.68	<10	240	<5	<10	3.35	<5	8	8	11	2.71	<50
W590436		2.66	0.008	<1	0.72	<10	240	<5	<10	1.23	<5	5	12	9	3.06	<50
W590437		3.06	0.001	<1	0.89	<10	200	<5	<10	1.34	<5	6	11	10	2.95	<50
W590438		3.12	<0.001	<1	0.84	10	80	<5	<10	2.46	<5	7	12	8	3.28	<50
W590439		3.22	0.006	<1	0.74	10	110	<5	10	1.24	<5	<5	11	6	2.05	<50
W590440		0.30	1.440	28	1.06	500	630	<5	10	0.26	32	<5	12	134	5.48	<50
W590441		2.72	0.011	<1	0.27	10	<50	<5	<10	<0.05	<5	<5	8	6	0.71	<50
W590442		2.64	0.019	<1	0.26	10	<50	<5	<10	<0.05	<5	<5	8	9	0.63	<50
W590443		2.88	0.042	<1	0.39	10	80	<5	10	0.06	<5	<5	8	8	0.75	<50
W590444		2.88	0.162	<1	0.35	120	180	<5	10	0.08	<5	<5	10	<5	1.48	<50
W590445		2.90	0.089	<1	0.39	90	140	<5	10	0.38	<5	<5	15	5	1.32	<50
W590446		2.68	0.137	<1	0.33	30	50	<5	<10	0.05	<5	<5	10	5	0.96	<50
W590447		2.80	0.017	<1	0.27	<10	<50	<5	<10	<0.05	<5	<5	9	<5	0.71	<50
W590448		3.10	0.029	<1	0.25	20	<50	<5	10	0.23	<5	<5	7	<5	0.57	<50
W590449		2.52	0.007	<1	0.26	<10	<50	<5	10	0.20	<5	<5	8	<5	0.64	<50
W590450		2.24	0.008	<1	0.32	<10	<50	<5	<10	0.07	<5	<5	9	10	0.65	<50
W590451		2.56	0.127	<1	0.31	50	<50	<5	<10	0.06	<5	<5	9	5	0.91	<50
W590452		3.00	0.017	<1	0.51	10	<50	<5	<10	1.61	<5	<5	16	<5	1.47	<50
W590453		2.82	<0.001	<1	0.63	<10	<50	<5	<10	1.64	<5	5	34	6	1.33	<50
W590454		3.18	0.009	<1	0.24	<10	<50	<5	<10	0.34	<5	<5	10	<5	0.59	<50
W590455		3.20	0.034	<1	0.22	<10	<50	<5	<10	0.52	<5	<5	10	5	0.73	<50
W590456		2.80	0.006	<1	0.59	10	100	<5	<10	0.08	<5	<5	49	8	1.38	<50
W590457		2.76	0.007	<1	0.34	10	60	<5	10	<0.05	<5	<5	10	<5	0.88	<50
W590458		3.20	0.025	<1	0.49	10	130	<5	<10	<0.05	<5	<5	12	16	0.93	<50
W590459		3.22	0.015	<1	1.03	20	80	<5	<10	4.79	<5	15	184	14	2.82	<50
W590460		2.56	0.018	<1	0.36	<10	<50	<5	10	0.07	<5	<5	12	17	0.74	<50
W590461		2.84	0.003	<1	0.26	<10	<50	<5	<10	<0.05	<5	<5	9	<5	0.39	<50
W590462		2.48	0.002	<1	0.36	20	<50	<5	<10	<0.05	<5	<5	12	9	0.70	<50
W590463		2.82	0.022	<1	0.27	20	50	<5	<10	0.07	<5	<5	10	5	0.69	<50
W590464		2.20	0.124	<1	0.34	20	110	<5	<10	0.05	<5	<5	9	5	1.10	<50
W590465		2.34	<0.001	<1	<0.05	<10	<50	<5	<10	20.4	<5	<5	<5	<5	0.43	<50
W590466		2.48	0.088	<1	0.37	20	90	<5	<10	0.07	<5	<5	10	<5	1.03	<50
W590467		3.18	0.042	<1	0.21	30	390	<5	10	<0.05	<5	<5	5	<5	0.71	<50
W590468		2.46	0.043	<1	0.30	40	240	<5	<10	0.23	<5	<5	9	<5	0.92	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590433		8	0.28	<50	0.13	650	<5	<0.05	10	610	10	<0.05	<10	7	45	<100
W590434		<5	0.30	<50	0.30	670	<5	<0.05	<5	630	10	<0.05	<10	6	74	<100
W590435		<5	0.32	<50	0.47	670	<5	<0.05	<5	640	<10	<0.05	<10	6	92	<100
W590436		<5	0.26	<50	0.11	860	<5	<0.05	<5	680	10	<0.05	<10	7	33	<100
W590437		5	0.32	<50	0.15	670	<5	<0.05	<5	670	<10	<0.05	<10	9	40	<100
W590438		<5	0.28	<50	0.29	600	<5	<0.05	<5	690	<10	<0.05	<10	10	54	<100
W590439		<5	0.33	<50	0.18	420	<5	<0.05	<5	360	<10	<0.05	<10	5	45	<100
W590440		8	0.48	<50	0.09	1030	<5	<0.05	<5	1400	3210	0.40	20	<5	141	<100
W590441		<5	0.15	<50	<0.05	110	<5	<0.05	5	50	<10	<0.05	<10	<5	5	<100
W590442		<5	0.17	<50	<0.05	80	<5	<0.05	<5	<50	<10	<0.05	<10	<5	<5	<100
W590443		<5	0.13	<50	<0.05	130	<5	<0.05	<5	50	<10	<0.05	<10	<5	7	<100
W590444		<5	0.29	<50	<0.05	410	<5	<0.05	<5	150	40	<0.05	<10	<5	17	<100
W590445		5	0.21	<50	<0.05	660	5	<0.05	11	180	<10	<0.05	<10	<5	41	<100
W590446		<5	0.17	<50	<0.05	240	<5	<0.05	<5	70	<10	<0.05	<10	<5	14	<100
W590447		<5	0.18	<50	<0.05	190	<5	<0.05	<5	50	<10	<0.05	<10	<5	8	<100
W590448		<5	0.20	<50	<0.05	110	<5	<0.05	<5	50	<10	<0.05	<10	<5	5	<100
W590449		<5	0.15	<50	<0.05	160	<5	<0.05	<5	60	<10	<0.05	<10	<5	12	<100
W590450		<5	0.19	<50	<0.05	120	<5	<0.05	<5	50	<10	<0.05	<10	<5	7	<100
W590451		<5	0.16	<50	<0.05	240	<5	<0.05	<5	100	<10	<0.05	<10	<5	16	<100
W590452		5	0.33	<50	0.43	380	<5	<0.05	<5	220	<10	0.06	<10	<5	53	<100
W590453		5	0.42	<50	0.48	330	<5	<0.05	7	170	<10	<0.05	10	<5	32	<100
W590454		<5	0.18	<50	0.05	120	6	<0.05	<5	<50	<10	0.09	<10	<5	10	<100
W590455		<5	0.15	<50	<0.05	120	<5	<0.05	<5	<50	10	<0.05	<10	<5	9	<100
W590456		5	0.36	<50	0.17	520	<5	<0.05	15	210	<10	<0.05	<10	<5	14	<100
W590457		<5	0.16	<50	<0.05	220	<5	<0.05	<5	60	<10	<0.05	<10	<5	12	<100
W590458		8	0.23	<50	<0.05	280	<5	<0.05	<5	<50	10	<0.05	10	<5	17	<100
W590459		<5	0.61	<50	1.50	820	<5	<0.05	65	520	<10	<0.05	<10	11	145	<100
W590460		<5	0.17	<50	<0.05	140	<5	<0.05	6	50	10	<0.05	10	<5	6	<100
W590461		<5	0.12	<50	<0.05	80	<5	<0.05	<5	<50	<10	<0.05	<10	<5	<5	<100
W590462		<5	0.14	<50	<0.05	210	<5	<0.05	<5	<50	<10	<0.05	<10	<5	<5	<100
W590463		<5	0.15	<50	<0.05	170	<5	<0.05	<5	60	<10	<0.05	<10	<5	<5	<100
W590464		<5	0.19	<50	<0.05	50	<5	<0.05	<5	110	<10	<0.05	<10	<5	18	<100
W590465		<5	<0.05	<50	11.45	190	<5	<0.05	<5	170	<10	<0.05	<10	<5	41	<100
W590466		<5	0.14	<50	<0.05	40	<5	<0.05	<5	50	<10	0.05	<10	<5	14	<100
W590467		<5	0.24	<50	<0.05	<30	<5	<0.05	<5	<50	<10	0.18	<10	<5	10	<100
W590468		<5	0.29	<50	<0.05	40	<5	<0.05	<5	100	20	0.33	<10	<5	51	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590433		<0.05	<50	<50	52	<50	60
W590434		<0.05	<50	<50	42	<50	50
W590435		<0.05	<50	<50	42	<50	50
W590436		<0.05	<50	<50	44	<50	50
W590437		<0.05	<50	<50	54	<50	50
W590438		<0.05	<50	<50	74	<50	60
W590439		<0.05	<50	<50	38	<50	40
W590440		<0.05	<50	<50	57	<50	2240
W590441		<0.05	<50	<50	<5	<50	10
W590442		<0.05	<50	<50	<5	<50	10
W590443		<0.05	<50	<50	<5	<50	<10
W590444		<0.05	<50	<50	<5	<50	20
W590445		<0.05	<50	<50	<5	<50	20
W590446		<0.05	<50	<50	<5	<50	10
W590447		<0.05	<50	<50	<5	<50	<10
W590448		<0.05	<50	<50	<5	<50	<10
W590449		<0.05	<50	<50	<5	<50	10
W590450		<0.05	<50	<50	<5	<50	<10
W590451		<0.05	<50	<50	<5	<50	10
W590452		<0.05	<50	<50	8	<50	20
W590453		<0.05	<50	<50	16	<50	20
W590454		<0.05	<50	<50	<5	<50	<10
W590455		<0.05	<50	<50	<5	<50	10
W590456		<0.05	<50	<50	9	<50	20
W590457		<0.05	<50	<50	<5	<50	10
W590458		<0.05	<50	<50	<5	<50	10
W590459		<0.05	<50	<50	53	<50	50
W590460		<0.05	<50	<50	<5	<50	10
W590461		<0.05	<50	<50	<5	<50	<10
W590462		<0.05	<50	<50	<5	<50	10
W590463		<0.05	<50	<50	<5	<50	10
W590464		<0.05	<50	<50	<5	<50	30
W590465		<0.05	<50	<50	<5	<50	10
W590466		<0.05	<50	<50	<5	<50	10
W590467		<0.05	<50	<50	<5	<50	<10
W590468		<0.05	<50	<50	<5	<50	10



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183077

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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CERTIFICATE WH17183095

Project: Dan Man
 P.O. No.: 1006216- Batch 14
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

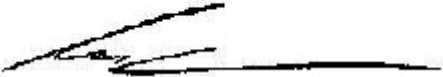
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W590469		2.66	0.036	<1	0.36	30	<50	<5	20	0.32	<5	<5	9	<5	0.84	<50
W590470		2.28	0.063	<1	0.34	40	80	<5	<10	0.37	<5	<5	8	<5	0.75	<50
W590471		2.46	0.298	<1	0.27	40	<50	<5	10	0.16	<5	<5	8	<5	0.54	<50
W590472		2.58	0.069	<1	0.56	50	540	<5	10	0.62	<5	<5	6	<5	0.92	<50
W590473		2.44	0.098	<1	0.45	40	150	<5	<10	0.67	<5	<5	6	<5	0.85	<50
W590474		1.98	0.326	<1	0.35	100	50	<5	<10	2.13	<5	6	10	<5	1.39	<50
W590475		2.20	1.400	1	0.55	860	120	<5	10	5.40	<5	20	27	<5	3.12	<50
W590476		2.16	0.271	<1	0.37	60	110	<5	10	0.17	<5	5	7	<5	0.60	<50
W590477		2.28	0.050	<1	0.38	30	<50	<5	10	0.73	<5	<5	8	6	0.71	<50
W590478		2.28	0.050	<1	0.48	30	<50	<5	20	0.08	<5	5	8	8	0.58	<50
W590479		2.18	0.035	<1	0.41	10	<50	<5	10	0.08	<5	<5	8	<5	0.31	<50
W590480		1.88	0.009	<1	0.37	<10	<50	<5	10	<0.05	<5	<5	9	<5	0.29	<50
W590481		1.94	0.026	<1	0.59	<10	<50	<5	<10	0.06	<5	6	7	<5	0.43	<50
W590482		2.20	0.072	<1	0.40	40	<50	<5	10	0.81	<5	<5	7	<5	0.42	<50
W590483		2.46	0.217	<1	0.55	70	<50	<5	<10	0.78	<5	<5	7	<5	0.55	<50
W590484		2.30	0.115	1	0.50	30	<50	<5	10	0.46	<5	<5	7	<5	0.50	<50
W590485		2.22	0.030	<1	0.55	20	60	<5	10	0.14	<5	<5	6	<5	0.37	<50
W590486		2.90	0.087	<1	0.36	10	50	<5	10	0.14	<5	<5	7	<5	0.36	<50
W590487		1.90	0.445	<1	0.45	60	50	<5	<10	<0.05	<5	<5	8	7	0.99	<50
W590488		2.20	0.277	<1	0.36	50	<50	<5	10	<0.05	<5	<5	6	<5	0.53	<50
W590489		0.32	1.175	<1	0.66	260	110	<5	10	17.65	<5	5	30	83	2.57	<50
W590490		2.04	0.136	<1	0.52	120	70	<5	<10	2.87	<5	12	19	10	1.98	<50
W590491		3.06	0.081	<1	0.41	10	<50	<5	10	0.05	<5	<5	10	<5	0.87	<50
W590492		2.94	0.048	<1	0.50	20	<50	<5	10	0.35	<5	<5	9	<5	0.63	<50
W590493		3.14	0.017	<1	1.21	30	100	<5	<10	5.86	<5	21	75	12	3.78	<50
W590494		3.04	0.023	<1	0.52	<10	<50	<5	10	0.44	<5	7	9	<5	0.95	<50
W590495		2.98	0.020	<1	0.42	10	<50	<5	10	0.07	<5	<5	10	<5	0.59	<50
W590496		2.46	<0.001	<1	0.08	<10	<50	<5	<10	20.2	<5	<5	<5	<5	0.45	<50
W590497		2.96	0.038	<1	0.46	10	<50	<5	<10	0.06	<5	<5	10	<5	0.89	<50
W590498		2.58	0.077	<1	0.39	20	<50	<5	10	0.06	<5	<5	8	<5	0.57	<50
W590499		3.16	0.026	<1	0.40	<10	<50	<5	10	0.14	<5	<5	9	<5	0.52	<50
W590500		2.72	0.035	<1	0.44	20	<50	<5	10	<0.05	<5	<5	9	<5	0.86	<50
W636001		2.72	0.072	<1	0.50	30	50	<5	10	0.24	<5	<5	12	9	0.72	<50
W636002		2.50	0.034	<1	0.46	<10	<50	<5	10	<0.05	<5	<5	7	<5	0.50	<50
W636003		2.58	0.039	<1	0.62	10	<50	<5	10	0.06	<5	<5	11	<5	0.98	<50
W636004		2.64	0.255	<1	0.35	60	<50	<5	10	0.05	<5	<5	9	<5	0.84	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W590469		<5	0.28	<50	<0.05	60	<5	<0.05	<5	80	20	0.40	10	<5	21	<100
W590470		<5	0.29	<50	<0.05	30	<5	<0.05	<5	90	50	0.48	20	<5	34	<100
W590471		<5	0.23	<50	<0.05	<30	<5	<0.05	<5	50	20	0.25	10	<5	24	<100
W590472		<5	0.15	<50	0.09	230	<5	<0.05	5	70	20	0.53	10	<5	47	<100
W590473		<5	0.24	<50	0.14	200	<5	<0.05	<5	120	20	0.62	10	<5	41	<100
W590474		<5	0.22	<50	0.57	540	<5	<0.05	11	90	50	0.82	20	<5	94	<100
W590475		<5	0.35	<50	2.03	1110	<5	<0.05	61	100	100	2.68	20	7	400	<100
W590476		<5	0.28	<50	<0.05	280	<5	<0.05	<5	80	20	<0.05	10	<5	41	<100
W590477		<5	0.26	<50	<0.05	310	<5	<0.05	5	130	30	<0.05	20	<5	37	<100
W590478		<5	0.25	<50	<0.05	210	<5	<0.05	9	80	30	<0.05	10	<5	45	<100
W590479		<5	0.26	<50	<0.05	80	<5	<0.05	<5	50	20	<0.05	20	<5	10	<100
W590480		<5	0.20	<50	<0.05	90	<5	<0.05	<5	70	10	<0.05	10	<5	10	<100
W590481		<5	0.22	<50	<0.05	130	<5	<0.05	<5	60	20	<0.05	10	<5	11	<100
W590482		<5	0.16	<50	<0.05	110	<5	<0.05	<5	50	10	<0.05	<10	<5	30	<100
W590483		<5	0.18	<50	<0.05	80	<5	<0.05	6	90	10	<0.05	<10	<5	32	<100
W590484		<5	0.18	<50	<0.05	120	<5	<0.05	<5	60	<10	<0.05	20	<5	24	<100
W590485		<5	0.25	<50	<0.05	150	<5	<0.05	<5	90	10	<0.05	20	<5	30	<100
W590486		<5	0.30	<50	<0.05	110	<5	<0.05	<5	60	10	<0.05	10	<5	21	<100
W590487		<5	0.33	50	<0.05	160	<5	<0.05	<5	90	10	<0.05	20	<5	15	<100
W590488		<5	0.25	50	<0.05	120	<5	<0.05	<5	80	10	<0.05	10	<5	36	<100
W590489		<5	0.23	<50	3.20	1720	69	<0.05	73	1180	20	0.88	20	<5	209	<100
W590490		<5	0.30	<50	0.08	410	<5	<0.05	17	220	40	<0.05	10	<5	49	<100
W590491		<5	0.18	<50	<0.05	160	<5	<0.05	<5	60	10	<0.05	20	<5	20	<100
W590492		<5	0.20	<50	<0.05	130	<5	<0.05	7	90	10	<0.05	20	<5	28	<100
W590493		<5	0.49	<50	0.35	740	<5	<0.05	34	610	20	<0.05	10	13	68	<100
W590494		<5	0.25	<50	<0.05	190	<5	<0.05	<5	100	10	<0.05	<10	<5	24	<100
W590495		<5	0.21	<50	<0.05	120	<5	<0.05	<5	70	20	<0.05	10	<5	20	<100
W590496		<5	0.05	<50	12.10	200	<5	<0.05	<5	250	20	<0.05	20	<5	51	<100
W590497		<5	0.21	<50	<0.05	160	<5	<0.05	<5	60	10	<0.05	10	<5	23	<100
W590498		<5	0.20	<50	<0.05	140	<5	<0.05	<5	130	10	<0.05	<10	<5	23	<100
W590499		<5	0.15	<50	0.08	140	<5	<0.05	<5	90	<10	<0.05	10	<5	30	<100
W590500		<5	0.20	<50	<0.05	120	<5	<0.05	<5	60	10	<0.05	10	<5	11	<100
W636001		<5	0.21	<50	0.08	180	<5	<0.05	<5	100	10	0.07	10	<5	33	<100
W636002		<5	0.17	<50	<0.05	110	<5	<0.05	<5	<50	10	<0.05	<10	<5	19	<100
W636003		<5	0.22	<50	0.05	150	<5	<0.05	5	140	10	<0.05	20	<5	48	<100
W636004		<5	0.18	50	<0.05	140	<5	<0.05	<5	110	30	<0.05	20	<5	36	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W590469		<0.05	<50	<50	<5	<50	10
W590470		<0.05	<50	<50	<5	<50	<10
W590471		<0.05	<50	<50	<5	<50	<10
W590472		<0.05	<50	<50	<5	<50	20
W590473		<0.05	<50	<50	<5	<50	20
W590474		<0.05	<50	<50	<5	<50	30
W590475		<0.05	<50	<50	10	<50	60
W590476		<0.05	<50	<50	<5	<50	<10
W590477		<0.05	<50	<50	<5	<50	10
W590478		<0.05	<50	<50	<5	<50	10
W590479		<0.05	<50	<50	<5	<50	<10
W590480		<0.05	<50	<50	<5	<50	<10
W590481		<0.05	<50	<50	<5	<50	<10
W590482		<0.05	<50	<50	<5	<50	<10
W590483		<0.05	<50	<50	<5	<50	<10
W590484		<0.05	<50	<50	<5	<50	<10
W590485		<0.05	<50	<50	<5	<50	10
W590486		<0.05	<50	<50	<5	<50	<10
W590487		<0.05	<50	<50	<5	<50	<10
W590488		<0.05	<50	<50	<5	<50	10
W590489		<0.05	<50	<50	187	<50	430
W590490		<0.05	<50	<50	14	<50	40
W590491		<0.05	<50	<50	<5	<50	<10
W590492		<0.05	<50	<50	<5	<50	10
W590493		<0.05	<50	<50	68	<50	130
W590494		<0.05	<50	<50	<5	<50	10
W590495		<0.05	<50	<50	<5	<50	20
W590496		<0.05	<50	<50	<5	<50	20
W590497		<0.05	<50	<50	<5	<50	<10
W590498		<0.05	<50	<50	<5	<50	10
W590499		<0.05	<50	<50	<5	<50	<10
W590500		<0.05	<50	<50	<5	<50	<10
W636001		<0.05	<50	<50	<5	<50	<10
W636002		<0.05	<50	<50	<5	<50	<10
W636003		<0.05	<50	<50	<5	<50	<10
W636004		<0.05	<50	<50	<5	<50	20



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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 7-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183095

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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 Plus Appendix Pages
 Finalized Date: 10-OCT-2017
 Account: DEVARC

CERTIFICATE WH17183103

Project: Dan Man
 P.O. No.: 1006216-Batch 15
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
BAG-01	Bulk Master for Storage
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan Man

CERTIFICATE OF ANALYSIS	WH17183103
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Sample Description	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41a Ag ppm	ME-ICP41a Al %	ME-ICP41a As ppm	ME-ICP41a Ba ppm	ME-ICP41a Be ppm	ME-ICP41a Bi ppm	ME-ICP41a Ca %	ME-ICP41a Cd ppm	ME-ICP41a Co ppm	ME-ICP41a Cr ppm	ME-ICP41a Cu ppm	ME-ICP41a Fe %	ME-ICP41a Ga ppm
	Method Analyte Units LOR														
W636005	2.70	0.186	<1	0.36	20	<50	<5	10	0.24	<5	<5	8	10	0.66	<50
W636006	2.96	0.161	<1	0.54	10	<50	<5	<10	0.19	<5	<5	9	<5	0.54	<50
W636007	3.16	0.811	<1	0.35	60	130	<5	<10	0.73	<5	<5	13	<5	0.57	<50
W636008	3.06	0.467	<1	0.33	40	100	<5	<10	0.84	<5	<5	5	<5	0.46	<50
W636009	2.80	0.390	<1	0.33	60	120	<5	<10	0.52	<5	<5	7	<5	0.53	<50
W636010	3.00	0.231	<1	0.29	50	170	<5	<10	0.39	<5	<5	9	<5	0.49	<50
W636011	3.06	0.167	<1	0.58	30	<50	<5	<10	0.44	<5	<5	5	<5	0.57	<50
W636012	1.08	0.030	<1	0.57	10	80	<5	<10	0.14	<5	<5	10	6	1.24	<50
W636013	1.64	0.025	<1	0.39	10	50	<5	<10	0.10	<5	<5	9	5	0.92	<50
W636014	1.80	0.027	<1	0.31	<10	<50	<5	<10	<0.05	<5	<5	9	7	0.87	<50
W636015	2.64	0.003	<1	0.30	<10	<50	<5	<10	<0.05	<5	<5	6	11	0.73	<50
W636016	2.36	0.001	<1	0.22	<10	<50	<5	<10	<0.05	<5	<5	11	<5	0.70	<50
W636017	2.44	<0.001	<1	0.25	<10	<50	<5	<10	<0.05	<5	<5	8	<5	0.57	<50
W636018	0.28	1.375	28	1.18	520	640	<5	<10	0.25	31	5	13	133	5.39	<50
W636019	2.80	<0.001	<1	0.26	<10	<50	<5	10	0.05	<5	<5	8	<5	0.70	<50
W636020	2.46	<0.001	<1	0.28	10	<50	<5	<10	0.07	<5	<5	8	<5	0.78	<50
W636021	2.74	<0.001	<1	0.21	<10	<50	<5	<10	<0.05	<5	<5	11	5	0.72	<50
W636022	2.68	<0.001	1	0.35	<10	<50	<5	<10	<0.05	<5	<5	9	<5	0.66	<50
W636023	2.34	0.077	<1	0.40	30	<50	<5	<10	<0.05	<5	<5	10	7	1.03	<50
W636024	2.72	0.006	<1	0.30	<10	<50	<5	<10	<0.05	<5	<5	10	6	0.85	<50
W636025	2.78	0.001	<1	0.38	<10	<50	<5	10	<0.05	<5	<5	8	6	0.63	<50
W636026	2.54	<0.001	<1	0.29	<10	<50	<5	<10	<0.05	<5	<5	10	<5	0.73	<50
W636027	2.88	<0.001	<1	0.33	<10	<50	<5	<10	<0.05	<5	<5	10	<5	0.79	<50
W636028	2.74	<0.001	<1	0.28	<10	<50	<5	10	<0.05	<5	<5	11	<5	0.73	<50
W636029	3.06	0.001	<1	0.22	<10	<50	<5	<10	<0.05	<5	<5	10	5	0.65	<50
W636030	2.34	<0.001	<1	<0.05	<10	<50	<5	<10	20.2	<5	<5	<5	<5	0.43	<50
W636031	2.90	0.001	<1	0.25	<10	<50	<5	10	0.06	<5	<5	9	<5	0.67	<50
W636032	2.26	<0.001	<1	0.27	<10	<50	<5	<10	<0.05	<5	<5	12	26	0.62	<50
W636033	2.62	<0.001	<1	0.28	<10	<50	<5	<10	<0.05	<5	<5	11	7	0.63	<50
W636034	2.54	<0.001	<1	0.30	10	<50	<5	<10	<0.05	<5	<5	12	6	0.73	<50
W636035	2.68	<0.001	<1	0.26	<10	<50	<5	<10	<0.05	<5	6	14	7	0.70	<50
W636036	2.78	0.002	<1	0.28	<10	<50	<5	<10	<0.05	<5	<5	14	6	0.82	<50
W636037	2.56	0.001	<1	0.30	<10	<50	<5	<10	<0.05	<5	5	11	6	0.69	<50
W636038	2.84	<0.001	1	0.34	<10	<50	<5	<10	<0.05	<5	<5	13	6	0.76	<50
W636039	3.32	<0.001	<1	0.33	10	<50	<5	<10	<0.05	<5	<5	12	5	0.70	<50
W636040	3.14	0.005	<1	0.32	<10	<50	<5	10	<0.05	<5	<5	12	6	0.71	<50



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183103

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
W636005		5	0.18	50	<0.05	100	<5	<0.05	<5	70	10	<0.05	<10	<5	27	<100
W636006		<5	0.20	<50	<0.05	110	<5	<0.05	<5	80	<10	<0.05	<10	<5	28	<100
W636007		6	0.25	<50	<0.05	160	<5	<0.05	<5	90	10	<0.05	<10	<5	80	<100
W636008		<5	0.29	50	<0.05	140	<5	<0.05	<5	70	<10	<0.05	<10	<5	101	<100
W636009		5	0.28	<50	<0.05	100	<5	<0.05	5	50	<10	<0.05	<10	<5	79	<100
W636010		<5	0.25	<50	<0.05	100	<5	<0.05	<5	70	<10	<0.05	<10	<5	65	<100
W636011		<5	0.20	<50	<0.05	150	<5	<0.05	<5	80	10	<0.05	10	<5	25	<100
W636012		<5	0.17	<50	0.10	360	<5	<0.05	<5	170	<10	<0.05	<10	<5	13	<100
W636013		6	0.16	<50	0.06	210	<5	<0.05	<5	120	10	<0.05	<10	<5	<5	<100
W636014		<5	0.17	<50	<0.05	140	<5	<0.05	<5	60	10	<0.05	<10	<5	<5	<100
W636015		<5	0.16	<50	<0.05	150	<5	<0.05	<5	70	<10	<0.05	<10	<5	<5	<100
W636016		<5	0.16	<50	<0.05	150	<5	<0.05	<5	60	<10	<0.05	<10	<5	6	<100
W636017		<5	0.14	<50	<0.05	110	<5	0.05	<5	50	<10	<0.05	<10	<5	<5	<100
W636018		6	0.49	<50	0.09	1010	<5	<0.05	6	1430	3380	0.42	30	5	162	<100
W636019		<5	0.19	<50	<0.05	170	<5	0.05	<5	<50	10	<0.05	<10	<5	<5	<100
W636020		5	0.22	<50	0.05	210	<5	<0.05	<5	120	<10	<0.05	10	<5	<5	<100
W636021		<5	0.18	<50	<0.05	190	<5	0.05	<5	50	10	<0.05	<10	<5	<5	<100
W636022		8	0.18	<50	<0.05	130	<5	0.06	<5	<50	<10	<0.05	<10	<5	<5	<100
W636023		<5	0.21	<50	<0.05	120	<5	<0.05	<5	80	10	<0.05	<10	<5	<5	<100
W636024		<5	0.15	<50	<0.05	210	<5	<0.05	6	70	<10	<0.05	<10	<5	<5	<100
W636025		5	0.14	<50	<0.05	120	<5	0.08	9	70	<10	<0.05	<10	<5	<5	<100
W636026		<5	0.17	<50	<0.05	170	<5	0.05	<5	60	10	<0.05	<10	<5	<5	<100
W636027		<5	0.18	<50	<0.05	200	<5	<0.05	<5	70	<10	<0.05	<10	<5	<5	<100
W636028		<5	0.20	<50	<0.05	200	<5	<0.05	<5	60	<10	<0.05	<10	<5	<5	<100
W636029		<5	0.13	<50	<0.05	180	<5	<0.05	<5	50	10	<0.05	<10	<5	5	<100
W636030		<5	<0.05	<50	11.45	190	<5	<0.05	<5	200	<10	<0.05	<10	<5	42	<100
W636031		<5	0.18	<50	<0.05	200	<5	<0.05	<5	70	<10	<0.05	<10	<5	<5	<100
W636032		<5	0.19	<50	<0.05	150	<5	<0.05	17	60	30	<0.05	<10	<5	<5	<100
W636033		<5	0.19	<50	<0.05	110	<5	<0.05	<5	70	20	<0.05	<10	<5	6	<100
W636034		<5	0.21	<50	<0.05	140	<5	<0.05	7	70	20	<0.05	<10	<5	<5	<100
W636035		<5	0.19	<50	<0.05	190	<5	<0.05	9	70	10	<0.05	<10	<5	5	<100
W636036		<5	0.20	<50	<0.05	230	<5	<0.05	9	50	30	<0.05	<10	<5	<5	<100
W636037		<5	0.21	<50	<0.05	250	<5	<0.05	<5	80	20	<0.05	<10	<5	5	<100
W636038		<5	0.24	<50	<0.05	220	<5	<0.05	<5	100	10	<0.05	<10	<5	<5	<100
W636039		<5	0.24	<50	<0.05	210	<5	<0.05	<5	100	20	<0.05	<10	<5	<5	<100
W636040		<5	0.23	<50	<0.05	170	<5	<0.05	<5	80	10	<0.05	<10	<5	<5	<100



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183103

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636005		<0.05	<50	<50	<5	<50	10
W636006		<0.05	<50	<50	<5	<50	<10
W636007		<0.05	<50	<50	<5	<50	<10
W636008		<0.05	<50	<50	<5	<50	<10
W636009		<0.05	<50	<50	<5	<50	<10
W636010		<0.05	<50	<50	<5	<50	<10
W636011		<0.05	<50	<50	<5	<50	20
W636012		<0.05	<50	<50	14	<50	20
W636013		<0.05	<50	<50	9	<50	10
W636014		<0.05	<50	<50	<5	<50	10
W636015		<0.05	<50	<50	<5	<50	10
W636016		<0.05	<50	<50	<5	<50	10
W636017		<0.05	<50	<50	<5	<50	<10
W636018		<0.05	<50	<50	58	<50	2250
W636019		<0.05	<50	<50	<5	<50	10
W636020		<0.05	<50	<50	<5	<50	10
W636021		<0.05	<50	<50	<5	<50	10
W636022		<0.05	<50	<50	<5	<50	10
W636023		<0.05	<50	<50	<5	<50	10
W636024		<0.05	<50	<50	<5	<50	10
W636025		<0.05	<50	<50	<5	<50	10
W636026		<0.05	<50	<50	<5	<50	10
W636027		<0.05	<50	<50	<5	<50	10
W636028		<0.05	<50	<50	<5	<50	10
W636029		<0.05	<50	<50	<5	<50	30
W636030		<0.05	<50	<50	<5	<50	10
W636031		<0.05	<50	<50	<5	<50	10
W636032		<0.05	<50	<50	<5	<50	10
W636033		<0.05	<50	<50	<5	<50	10
W636034		<0.05	<50	<50	<5	<50	10
W636035		<0.05	<50	<50	<5	<50	10
W636036		<0.05	<50	<50	<5	<50	10
W636037		<0.05	<50	<50	<5	<50	10
W636038		<0.05	<50	<50	<5	<50	10
W636039		<0.05	<50	<50	<5	<50	10
W636040		<0.05	<50	<50	<5	<50	10



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183103

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17183105

Project: Dan Man
 P.O. No.: 1006216-Batch 16
 This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183105

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W636041		3.12	<0.001	<1	0.26	10	<50	<5	<10	<0.05	<5	<5	14	<5	0.67	<50
W636042		3.36	<0.001	<1	0.27	10	<50	<5	<10	<0.05	<5	<5	12	<5	0.54	<50
W636043		3.26	0.002	1	0.56	10	<50	<5	<10	0.14	<5	<5	11	<5	0.95	<50
W636044		2.78	0.003	<1	0.30	<10	<50	<5	<10	<0.05	<5	<5	10	<5	0.44	<50
W636045		2.88	0.001	<1	0.33	10	<50	<5	<10	<0.05	<5	<5	9	<5	0.56	<50
W636046		3.14	<0.001	<1	0.31	10	<50	<5	<10	<0.05	<5	<5	10	<5	0.69	<50
W636047		2.64	<0.001	<1	0.28	10	<50	<5	<10	0.05	<5	<5	10	<5	0.70	<50
W636048		3.26	<0.001	<1	0.35	10	<50	<5	<10	<0.05	<5	<5	9	<5	0.83	<50
W636049		3.10	0.001	<1	0.26	10	<50	<5	<10	<0.05	<5	<5	12	<5	0.77	<50
W636050		3.26	0.011	<1	0.45	10	<50	<5	<10	0.08	<5	<5	10	<5	0.71	<50
W636051		3.22	0.005	<1	0.31	10	<50	<5	<10	<0.05	<5	<5	10	<5	0.62	<50
W636052		2.78	<0.001	<1	0.30	10	<50	<5	<10	<0.05	<5	<5	12	<5	0.80	<50
W636053		3.14	<0.001	<1	0.52	10	<50	<5	<10	0.27	<5	<5	9	<5	0.56	<50
W636054		3.28	0.002	<1	0.33	<10	80	<5	<10	0.07	<5	<5	8	<5	0.44	<50
W636055		3.04	<0.001	<1	0.32	<10	<50	<5	<10	0.06	<5	<5	8	<5	0.49	<50
W636056		3.10	0.008	<1	0.31	10	<50	<5	<10	<0.05	<5	<5	10	<5	0.52	<50
W636057		0.28	1.390	29	1.23	520	650	<5	<10	0.26	31	8	12	126	5.43	<50
W636058		3.12	0.005	1	0.34	10	60	<5	<10	<0.05	<5	<5	10	<5	0.57	<50
W636059		3.40	<0.001	1	0.31	10	<50	<5	<10	<0.05	<5	<5	11	<5	0.56	<50
W636060		3.74	<0.001	<1	0.39	<10	<50	<5	<10	0.05	<5	<5	12	<5	0.69	<50
W636061		2.98	0.006	1	0.45	<10	<50	<5	<10	0.06	<5	<5	13	<5	0.83	<50
W636062		3.66	<0.001	<1	0.59	10	<50	<5	<10	0.12	<5	<5	12	<5	1.16	<50
W636063		2.92	<0.001	<1	0.47	<10	<50	<5	<10	0.14	<5	5	10	<5	1.02	<50
W636064		3.08	<0.001	<1	0.43	10	<50	<5	<10	0.06	<5	<5	11	<5	1.02	<50
W636065		3.32	<0.001	<1	0.48	10	<50	<5	<10	0.10	<5	<5	12	<5	1.06	<50
W636066		3.54	<0.001	<1	0.28	10	<50	<5	<10	0.07	<5	<5	13	<5	1.13	<50
W636067		3.34	<0.001	<1	0.35	10	<50	<5	<10	0.05	<5	<5	12	<5	1.24	<50
W636068		3.06	<0.001	<1	0.28	<10	<50	<5	<10	<0.05	<5	<5	11	<5	0.61	<50
W636069		3.52	0.001	<1	0.32	10	<50	<5	<10	<0.05	<5	<5	11	<5	0.66	<50
W636070		2.90	0.001	<1	0.31	10	<50	<5	<10	0.06	<5	<5	13	<5	0.93	<50
W636071		3.02	0.003	<1	0.36	10	50	<5	<10	0.07	<5	<5	11	<5	1.20	<50
W636072		3.60	0.001	<1	0.36	20	<50	<5	<10	0.05	<5	<5	10	<5	0.77	<50
W636073		3.30	0.001	1	0.43	10	50	<5	<10	0.07	<5	<5	16	<5	1.03	<50
W636074		3.66	0.002	<1	0.35	10	<50	<5	<10	<0.05	<5	<5	10	<5	0.60	<50
W636075		2.34	<0.001	<1	<0.05	10	<50	<5	<10	19.65	<5	<5	<5	<5	0.45	<50
W636076		3.14	0.064	<1	0.45	10	<50	<5	<10	0.11	<5	<5	12	<5	1.06	<50



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Project: Dan Man

CERTIFICATE OF ANALYSIS	WH17183105
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Sample Description	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	
	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
	5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100	
W636041	<5	0.21	<50	<0.05	150	<5	<0.05	6	70	10	<0.05	<10	<5	<5	<100	
W636042	<5	0.20	<50	<0.05	100	<5	0.06	8	70	10	<0.05	<10	<5	<5	<100	
W636043	<5	0.16	<50	<0.05	190	<5	0.05	8	80	<10	<0.05	10	<5	17	<100	
W636044	<5	0.14	<50	<0.05	80	<5	0.05	5	50	<10	<0.05	10	<5	<5	<100	
W636045	<5	0.16	<50	<0.05	100	<5	<0.05	8	80	10	<0.05	10	<5	<5	<100	
W636046	<5	0.22	<50	<0.05	110	<5	<0.05	<5	100	10	<0.05	<10	<5	<5	<100	
W636047	<5	0.19	<50	<0.05	90	<5	<0.05	6	80	10	<0.05	<10	<5	7	<100	
W636048	<5	0.23	<50	0.05	110	<5	<0.05	5	90	20	<0.05	<10	<5	<5	<100	
W636049	<5	0.15	<50	<0.05	100	<5	<0.05	<5	80	10	<0.05	10	<5	<5	<100	
W636050	<5	0.19	<50	<0.05	170	<5	0.05	<5	180	10	<0.05	<10	<5	11	<100	
W636051	<5	0.18	<50	<0.05	160	<5	<0.05	<5	100	10	<0.05	10	<5	<5	<100	
W636052	<5	0.10	<50	<0.05	160	<5	0.05	6	130	<10	<0.05	<10	<5	<5	<100	
W636053	<5	0.11	<50	<0.05	220	<5	0.06	7	100	10	<0.05	10	<5	38	<100	
W636054	<5	0.15	<50	<0.05	300	<5	0.06	<5	90	<10	<0.05	10	<5	9	<100	
W636055	<5	0.18	<50	<0.05	100	<5	0.05	5	90	10	<0.05	<10	<5	8	<100	
W636056	<5	0.16	<50	<0.05	110	<5	<0.05	6	80	10	<0.05	<10	<5	<5	<100	
W636057	9	0.52	<50	0.09	1030	<5	<0.05	8	1490	3440	0.41	30	5	174	<100	
W636058	<5	0.27	<50	<0.05	160	<5	<0.05	7	130	10	<0.05	10	<5	9	<100	
W636059	<5	0.18	<50	<0.05	100	<5	0.05	6	70	10	<0.05	10	<5	<5	<100	
W636060	<5	0.23	<50	0.09	160	<5	0.06	6	160	10	<0.05	<10	<5	8	<100	
W636061	<5	0.28	<50	0.11	170	<5	<0.05	<5	180	10	<0.05	<10	<5	9	<100	
W636062	<5	0.41	<50	0.19	220	<5	0.05	8	280	10	<0.05	<10	<5	7	<100	
W636063	<5	0.27	<50	0.11	170	<5	<0.05	<5	170	10	<0.05	<10	<5	14	<100	
W636064	<5	0.30	50	0.10	130	<5	<0.05	<5	190	10	<0.05	10	<5	11	<100	
W636065	<5	0.26	<50	0.09	160	<5	0.05	9	220	20	<0.05	10	<5	14	<100	
W636066	<5	0.12	<50	<0.05	180	<5	<0.05	5	190	10	<0.05	<10	<5	11	<100	
W636067	<5	0.20	<50	0.06	250	<5	0.05	<5	200	20	<0.05	<10	<5	12	<100	
W636068	<5	0.15	<50	<0.05	100	<5	0.05	10	70	10	<0.05	10	<5	8	<100	
W636069	<5	0.17	<50	<0.05	80	<5	<0.05	7	120	<10	<0.05	<10	<5	5	<100	
W636070	<5	0.19	<50	<0.05	220	<5	<0.05	5	240	10	<0.05	10	<5	5	<100	
W636071	<5	0.17	<50	<0.05	280	<5	0.06	5	250	10	<0.05	<10	<5	10	<100	
W636072	<5	0.19	<50	<0.05	200	<5	<0.05	5	140	10	<0.05	10	<5	12	<100	
W636073	<5	0.22	<50	0.05	320	<5	<0.05	8	170	10	<0.05	<10	<5	21	<100	
W636074	<5	0.14	<50	<0.05	130	<5	<0.05	7	<50	10	<0.05	<10	<5	10	<100	
W636075	<5	<0.05	<50	11.05	190	<5	<0.05	6	160	<10	<0.05	<10	<5	39	<100	
W636076	<5	0.19	<50	0.07	260	<5	<0.05	9	220	20	<0.05	10	<5	24	<100	



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183105

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636041		<0.05	<50	<50	<5	<50	<10
W636042		<0.05	<50	<50	<5	<50	<10
W636043		<0.05	<50	<50	<5	<50	<10
W636044		<0.05	<50	<50	<5	<50	<10
W636045		<0.05	<50	<50	<5	<50	<10
W636046		<0.05	<50	<50	<5	<50	<10
W636047		<0.05	<50	<50	<5	<50	<10
W636048		<0.05	<50	<50	<5	<50	<10
W636049		<0.05	<50	<50	<5	<50	<10
W636050		<0.05	<50	<50	<5	<50	<10
W636051		<0.05	<50	<50	<5	<50	20
W636052		<0.05	<50	<50	5	<50	<10
W636053		<0.05	<50	<50	<5	<50	<10
W636054		<0.05	<50	<50	<5	<50	<10
W636055		<0.05	<50	<50	<5	<50	<10
W636056		<0.05	<50	<50	<5	<50	<10
W636057		<0.05	<50	<50	59	<50	2300
W636058		<0.05	<50	<50	<5	<50	<10
W636059		<0.05	<50	<50	<5	<50	<10
W636060		<0.05	<50	<50	<5	<50	<10
W636061		<0.05	<50	<50	5	<50	<10
W636062		<0.05	<50	<50	8	<50	<10
W636063		<0.05	<50	<50	6	<50	<10
W636064		<0.05	<50	<50	5	<50	<10
W636065		<0.05	<50	<50	<5	<50	<10
W636066		<0.05	<50	<50	5	<50	10
W636067		<0.05	<50	<50	6	<50	20
W636068		<0.05	<50	<50	<5	<50	<10
W636069		<0.05	<50	<50	<5	<50	<10
W636070		<0.05	<50	<50	5	<50	<10
W636071		<0.05	<50	<50	7	<50	<10
W636072		<0.05	<50	<50	<5	<50	<10
W636073		<0.05	<50	<50	<5	<50	10
W636074		<0.05	<50	<50	<5	<50	<10
W636075		<0.05	<50	<50	<5	<50	<10
W636076		<0.05	<50	<50	<5	<50	<10



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183105

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17183117

Project: Dan Man
 P.O. No.: 1006216-Batch 17
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH17183117

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W636077		3.26	0.085	<1	0.55	20	<50	<5	10	<0.05	<5	<5	12	17	0.71	<50
W636078		2.40	0.006	<1	0.51	<10	<50	<5	<10	<0.05	<5	<5	9	<5	0.45	<50
W636079		3.00	0.037	<1	0.71	<10	70	<5	<10	0.06	<5	<5	10	<5	0.62	<50
W636080		3.48	0.003	<1	0.67	10	60	<5	<10	0.12	<5	6	22	5	0.91	<50
W636081		1.98	0.004	<1	0.73	10	<50	<5	<10	0.07	<5	<5	9	<5	0.69	<50
W636082		1.74	0.005	<1	0.64	10	<50	<5	10	0.06	<5	<5	7	<5	0.75	<50
W636083		2.00	<0.001	<1	0.40	10	<50	<5	<10	<0.05	<5	<5	17	5	0.72	<50
W636084		2.32	<0.001	<1	0.39	<10	<50	<5	10	0.06	<5	<5	12	<5	0.59	<50
W636085		1.86	0.002	<1	0.54	10	<50	<5	<10	<0.05	<5	<5	13	<5	0.52	<50
W636086		1.82	0.003	<1	0.57	20	<50	<5	10	<0.05	<5	<5	11	6	0.61	<50
W636087		2.38	0.008	<1	0.44	10	<50	<5	<10	<0.05	<5	<5	12	<5	0.60	<50
W636088		2.02	0.036	<1	0.53	10	<50	<5	10	<0.05	<5	<5	14	<5	0.59	<50
W636089		2.08	0.002	<1	0.45	20	<50	<5	<10	<0.05	<5	<5	11	<5	0.58	<50
W636090		1.58	<0.001	<1	0.50	30	<50	<5	<10	<0.05	<5	<5	16	<5	0.78	<50
W636091		1.64	0.002	<1	0.38	<10	<50	<5	<10	<0.05	<5	<5	12	12	0.58	<50
W636092		1.56	0.010	<1	0.43	20	<50	<5	<10	<0.05	<5	<5	14	7	0.66	<50
W636093		1.94	0.030	<1	0.44	10	<50	<5	<10	<0.05	<5	<5	12	<5	0.61	<50
W636094		1.84	0.008	1	0.42	20	<50	<5	<10	1.14	<5	<5	8	<5	0.55	<50
W636095		1.64	0.007	<1	0.44	<10	<50	<5	<10	1.62	<5	<5	10	<5	0.60	<50
W636096		0.30	1.175	1	0.58	240	110	<5	10	18.10	<5	<5	26	79	2.50	<50
W636097		2.12	0.006	<1	0.41	10	<50	<5	<10	1.62	<5	<5	13	<5	0.63	<50
W636098		2.50	0.042	1	0.34	30	<50	<5	<10	1.05	<5	<5	10	<5	0.70	<50
W636099		2.16	0.029	<1	0.40	30	<50	<5	<10	1.45	<5	<5	9	8	0.64	<50
W636100		2.44	0.014	<1	0.68	30	50	<5	10	0.25	<5	<5	8	<5	1.02	<50
W636101		2.14	0.083	<1	0.54	60	150	<5	10	0.11	<5	<5	9	<5	0.82	<50
W636102		1.92	0.056	<1	0.36	40	<50	<5	10	0.57	<5	<5	8	<5	0.68	<50
W636103		2.44	0.045	<1	0.40	50	<50	<5	10	0.99	<5	<5	8	<5	0.74	<50
W636104		2.22	0.031	<1	0.41	30	<50	<5	<10	1.22	<5	<5	13	<5	0.76	<50
W636105		2.34	0.001	<1	<0.05	<10	<50	<5	<10	21.3	<5	<5	<5	<5	0.46	<50
W636106		1.62	0.020	<1	0.46	40	<50	<5	<10	1.52	<5	<5	9	<5	0.63	<50
W636107		1.90	0.012	<1	0.63	30	<50	<5	<10	0.27	<5	<5	11	<5	0.79	<50
W636108		2.04	0.016	<1	0.42	20	<50	<5	<10	0.31	<5	<5	10	<5	0.64	<50
W636109		1.36	0.059	<1	0.45	120	<50	<5	<10	0.05	<5	<5	11	<5	1.10	<50
W636110		1.64	0.039	1	0.43	30	400	<5	<10	0.05	<5	<5	8	5	0.81	<50
W636111		1.44	0.035	<1	0.42	30	<50	<5	<10	1.08	<5	<5	5	<5	0.62	<50
W636112		1.32	0.022	1	0.38	20	<50	<5	<10	1.11	<5	<5	13	<5	0.51	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636077		<5	0.22	<50	<0.05	110	<5	<0.05	7	110	40	<0.05	<10	<5	6	<100
W636078		<5	0.21	<50	<0.05	180	<5	<0.05	<5	90	10	<0.05	<10	<5	8	<100
W636079		<5	0.18	<50	0.05	360	<5	<0.05	<5	90	10	<0.05	10	<5	18	<100
W636080		<5	0.37	<50	0.06	250	<5	<0.05	6	450	100	<0.05	10	<5	24	<100
W636081		<5	0.17	<50	0.06	220	<5	<0.05	<5	140	20	<0.05	20	<5	8	<100
W636082		<5	0.16	<50	0.05	170	<5	<0.05	<5	100	20	<0.05	10	<5	10	<100
W636083		<5	0.20	<50	<0.05	210	<5	<0.05	<5	80	20	<0.05	<10	<5	<5	<100
W636084		<5	0.17	<50	<0.05	160	<5	<0.05	<5	80	10	<0.05	20	<5	10	<100
W636085		<5	0.21	<50	<0.05	120	<5	<0.05	<5	70	10	<0.05	10	<5	7	<100
W636086		<5	0.19	<50	<0.05	180	<5	<0.05	5	50	10	<0.05	20	<5	<5	<100
W636087		<5	0.19	<50	<0.05	180	<5	<0.05	<5	70	20	<0.05	10	<5	10	<100
W636088		<5	0.20	<50	<0.05	70	<5	<0.05	<5	70	20	<0.05	<10	<5	12	<100
W636089		<5	0.16	<50	<0.05	80	<5	<0.05	5	50	20	<0.05	10	<5	7	<100
W636090		<5	0.17	<50	<0.05	140	<5	<0.05	5	110	20	<0.05	10	<5	18	<100
W636091		<5	0.15	<50	<0.05	150	<5	<0.05	<5	<50	20	<0.05	<10	<5	<5	<100
W636092		<5	0.15	<50	<0.05	190	<5	<0.05	<5	<50	20	<0.05	<10	<5	9	<100
W636093		<5	0.16	<50	<0.05	180	<5	<0.05	<5	<50	20	<0.05	<10	<5	13	<100
W636094		<5	0.15	<50	<0.05	170	<5	<0.05	<5	<50	10	<0.05	<10	<5	22	<100
W636095		<5	0.16	<50	0.08	190	<5	<0.05	5	<50	20	0.22	<10	<5	28	<100
W636096		<5	0.21	<50	3.10	1740	70	<0.05	82	1090	20	0.88	10	<5	183	<100
W636097		<5	0.16	<50	0.08	190	9	<0.05	<5	<50	20	0.28	<10	<5	28	<100
W636098		<5	0.14	<50	<0.05	150	<5	<0.05	<5	<50	20	0.41	<10	<5	17	<100
W636099		<5	0.13	<50	<0.05	190	<5	<0.05	<5	<50	30	0.10	<10	<5	20	<100
W636100		<5	0.27	<50	0.07	340	<5	<0.05	<5	60	20	<0.05	<10	<5	17	100
W636101		<5	0.19	<50	<0.05	290	6	<0.05	<5	70	40	<0.05	10	<5	12	100
W636102		<5	0.17	<50	<0.05	160	<5	<0.05	<5	60	10	0.12	10	<5	18	<100
W636103		<5	0.16	<50	<0.05	150	<5	<0.05	6	60	60	0.51	20	<5	23	<100
W636104		<5	0.17	<50	0.11	210	5	<0.05	<5	<50	30	0.47	10	<5	23	<100
W636105		<5	<0.05	<50	12.30	210	<5	<0.05	<5	200	20	<0.05	10	<5	48	<100
W636106		<5	0.16	<50	0.18	190	<5	0.05	<5	50	20	0.35	10	<5	39	100
W636107		<5	0.19	<50	<0.05	110	<5	<0.05	6	90	30	0.06	20	<5	12	<100
W636108		<5	0.14	<50	0.07	60	<5	<0.05	<5	60	20	<0.05	20	<5	15	<100
W636109		<5	0.16	<50	<0.05	40	13	<0.05	<5	90	30	<0.05	10	<5	6	<100
W636110		<5	0.17	<50	<0.05	270	<5	<0.05	<5	70	50	<0.05	30	<5	23	<100
W636111		<5	0.20	<50	<0.05	130	16	<0.05	<5	60	10	0.39	<10	<5	27	<100
W636112		<5	0.18	<50	<0.05	160	15	<0.05	<5	<50	10	0.21	<10	<5	29	<100



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Project: Dan Man

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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636077		<0.05	<50	<50	<5	<50	10
W636078		<0.05	<50	<50	<5	<50	10
W636079		<0.05	<50	<50	<5	<50	20
W636080		<0.05	<50	<50	5	<50	40
W636081		<0.05	<50	<50	<5	<50	30
W636082		<0.05	<50	<50	<5	<50	20
W636083		<0.05	<50	<50	<5	<50	30
W636084		<0.05	<50	<50	<5	<50	30
W636085		<0.05	<50	<50	<5	<50	20
W636086		<0.05	<50	<50	<5	<50	30
W636087		<0.05	<50	<50	<5	<50	30
W636088		<0.05	<50	<50	<5	<50	20
W636089		<0.05	<50	<50	<5	<50	40
W636090		<0.05	<50	<50	<5	<50	50
W636091		<0.05	<50	<50	<5	<50	30
W636092		<0.05	<50	<50	<5	<50	30
W636093		<0.05	<50	<50	<5	<50	30
W636094		<0.05	<50	<50	<5	<50	30
W636095		<0.05	<50	<50	<5	<50	20
W636096		<0.05	<50	<50	175	<50	430
W636097		<0.05	<50	<50	<5	<50	10
W636098		<0.05	<50	<50	<5	<50	10
W636099		<0.05	<50	<50	<5	<50	20
W636100		<0.05	<50	<50	<5	<50	30
W636101		<0.05	<50	<50	<5	<50	10
W636102		<0.05	<50	<50	<5	<50	10
W636103		<0.05	<50	<50	<5	<50	10
W636104		<0.05	<50	<50	<5	<50	20
W636105		<0.05	<50	<50	5	<50	20
W636106		<0.05	<50	<50	<5	<50	20
W636107		<0.05	<50	<50	<5	<50	10
W636108		<0.05	<50	<50	<5	<50	<10
W636109		<0.05	<50	<50	<5	<50	<10
W636110		<0.05	<50	<50	<5	<50	10
W636111		<0.05	<50	<50	<5	<50	10
W636112		<0.05	<50	<50	<5	<50	<10



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183117

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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CERTIFICATE WH17183120

Project: Dan Man
 P.O. No.: 1006216-Batch 18
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

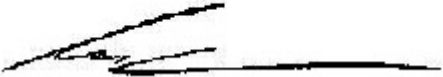
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W636113		3.40	<0.001	<1	0.38	20	<50	<5	10	0.08	<5	<5	14	7	1.16	<50
W636114		3.72	0.001	<1	0.47	<10	<50	<5	10	0.11	<5	7	16	7	1.13	<50
W636115		3.64	<0.001	<1	0.29	10	<50	<5	<10	<0.05	<5	<5	9	8	0.83	<50
W636116		3.34	0.008	<1	1.06	60	<50	<5	<10	0.08	<5	<5	34	9	2.60	<50
W636117		0.32	1.135	<1	0.64	240	110	<5	10	18.10	<5	5	27	79	2.56	<50
W636118		2.94	0.019	<1	2.75	90	150	7	<10	0.17	<5	19	99	14	4.45	<50
W636119		3.32	0.002	<1	0.56	10	<50	<5	<10	0.05	<5	<5	14	20	1.01	<50
W636120		3.72	<0.001	<1	0.34	10	<50	<5	<10	<0.05	<5	5	12	6	0.62	<50
W636121		3.98	<0.001	<1	0.39	10	<50	<5	<10	0.09	<5	<5	9	<5	0.66	<50
W636122		3.76	<0.001	<1	0.41	10	<50	<5	<10	<0.05	<5	5	9	<5	0.63	<50
W636123		3.68	<0.001	<1	0.37	30	<50	<5	<10	<0.05	<5	5	9	<5	0.57	<50
W636124		3.02	0.002	<1	0.61	80	80	<5	<10	<0.05	<5	<5	9	<5	0.76	<50
W636125		3.92	0.001	<1	0.38	10	<50	<5	10	<0.05	<5	<5	8	7	0.49	<50
W636126		3.60	<0.001	<1	0.45	10	<50	<5	<10	0.06	<5	<5	9	<5	0.65	<50
W636127		3.50	0.023	1	0.64	10	<50	<5	10	0.05	<5	<5	10	8	1.03	<50
W636128		3.30	<0.001	<1	0.65	10	140	<5	<10	0.08	<5	6	13	10	0.76	<50
W636129		4.04	<0.001	<1	0.38	<10	<50	<5	<10	<0.05	<5	<5	10	<5	0.65	<50
W636130		3.76	0.002	<1	0.36	30	<50	<5	<10	0.05	<5	<5	13	<5	0.91	<50
W636131		3.50	<0.001	<1	0.50	<10	<50	<5	<10	0.08	<5	<5	7	<5	0.52	<50
W636132		3.04	0.003	<1	0.77	20	50	<5	10	0.08	<5	<5	17	5	1.40	<50
W636133		2.42	<0.001	<1	<0.05	<10	<50	<5	10	21.1	<5	<5	<5	<5	0.47	<50
W636134		3.38	<0.001	<1	0.45	<10	<50	<5	<10	0.07	<5	<5	11	5	0.53	<50
W636135		3.42	<0.001	<1	0.45	20	<50	<5	<10	<0.05	<5	<5	7	<5	0.50	<50
W636136		4.32	0.001	<1	0.31	10	<50	<5	<10	<0.05	<5	<5	17	5	0.86	<50
W636137		3.68	<0.001	<1	0.44	<10	<50	<5	<10	0.36	<5	<5	9	<5	0.79	<50
W636138		3.66	<0.001	<1	0.43	<10	<50	<5	<10	0.22	<5	<5	9	<5	0.70	<50
W636139		2.92	<0.001	<1	0.61	40	<50	<5	10	2.56	<5	12	26	12	1.22	<50
W636140		3.34	<0.001	<1	0.44	<10	<50	<5	<10	0.74	<5	6	19	9	0.85	<50
W636141		3.80	<0.001	<1	0.32	10	<50	<5	<10	0.05	<5	<5	11	<5	0.73	<50
W636142		3.52	<0.001	<1	0.34	10	<50	<5	<10	0.36	<5	<5	11	5	0.55	<50
W636143		3.68	<0.001	<1	0.35	<10	<50	<5	<10	0.48	<5	<5	9	<5	0.52	<50
W636144		2.30	0.003	<1	0.35	<10	<50	<5	10	0.05	<5	<5	9	<5	0.69	<50
W636145		2.36	<0.001	<1	0.33	20	<50	<5	<10	0.59	<5	5	10	<5	0.70	<50
W636146		2.28	<0.001	<1	0.37	<10	<50	<5	<10	0.23	<5	<5	11	6	0.54	<50
W636147		2.58	<0.001	<1	0.39	<10	<50	<5	10	0.16	<5	<5	9	<5	0.69	<50
W636148		2.54	0.007	<1	0.46	30	<50	<5	10	1.41	<5	<5	11	6	0.85	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636113		<5	0.13	<50	0.07	150	<5	<0.05	8	110	20	<0.05	<10	<5	<5	<100
W636114		<5	0.17	<50	0.07	170	<5	0.05	9	140	10	<0.05	<10	<5	8	<100
W636115		<5	0.14	<50	<0.05	110	<5	<0.05	<5	90	20	<0.05	<10	<5	7	<100
W636116		<5	0.40	<50	0.35	180	<5	<0.05	28	150	30	<0.05	<10	6	51	<100
W636117		<5	0.22	<50	3.13	1740	69	<0.05	81	1110	30	0.92	<10	<5	182	<100
W636118		<5	0.97	<50	1.03	800	<5	<0.05	80	460	30	<0.05	<10	16	188	<100
W636119		<5	0.25	<50	0.14	180	<5	<0.05	11	150	10	<0.05	<10	<5	14	<100
W636120		<5	0.18	<50	<0.05	100	<5	0.05	6	70	10	<0.05	<10	<5	6	<100
W636121		<5	0.25	<50	0.05	110	<5	<0.05	5	130	10	<0.05	<10	<5	<5	<100
W636122		<5	0.25	<50	<0.05	130	<5	0.05	6	90	<10	<0.05	<10	<5	7	<100
W636123		<5	0.25	<50	<0.05	110	<5	<0.05	<5	110	20	<0.05	<10	<5	<5	<100
W636124		<5	0.40	<50	<0.05	210	<5	<0.05	7	100	20	<0.05	<10	<5	10	<100
W636125		<5	0.23	<50	<0.05	100	<5	<0.05	<5	80	20	<0.05	<10	<5	7	<100
W636126		<5	0.23	<50	<0.05	100	<5	<0.05	<5	70	<10	<0.05	<10	<5	12	<100
W636127		<5	0.21	<50	<0.05	230	<5	<0.05	7	100	20	<0.05	<10	<5	5	<100
W636128		<5	0.41	<50	0.07	330	<5	<0.05	12	230	20	<0.05	<10	<5	8	<100
W636129		<5	0.22	<50	<0.05	120	<5	<0.05	<5	80	20	<0.05	<10	<5	10	<100
W636130		<5	0.14	<50	<0.05	140	<5	<0.05	8	120	20	<0.05	<10	<5	16	<100
W636131		<5	0.26	<50	<0.05	100	<5	<0.05	<5	60	10	<0.05	<10	<5	10	<100
W636132		<5	0.24	<50	0.07	480	<5	<0.05	12	120	50	<0.05	<10	<5	20	<100
W636133		<5	<0.05	<50	11.90	200	<5	<0.05	<5	150	10	<0.05	<10	<5	34	<100
W636134		<5	0.27	<50	0.06	90	<5	<0.05	<5	60	<10	<0.05	<10	<5	<5	<100
W636135		<5	0.26	<50	<0.05	100	<5	<0.05	<5	<50	<10	<0.05	<10	<5	<5	<100
W636136		<5	0.15	<50	<0.05	160	<5	<0.05	5	<50	10	<0.05	<10	<5	<5	<100
W636137		<5	0.21	<50	<0.05	160	<5	<0.05	6	60	10	<0.05	<10	<5	17	<100
W636138		<5	0.17	<50	<0.05	140	<5	<0.05	5	70	10	<0.05	10	<5	15	<100
W636139		<5	0.40	<50	0.08	420	<5	<0.05	11	330	10	<0.05	<10	5	63	<100
W636140		<5	0.21	<50	<0.05	230	<5	<0.05	12	200	10	<0.05	<10	<5	29	<100
W636141		<5	0.15	<50	<0.05	120	<5	0.07	5	60	10	<0.05	<10	<5	11	<100
W636142		<5	0.24	<50	<0.05	110	<5	<0.05	5	60	20	<0.05	<10	<5	16	<100
W636143		<5	0.21	<50	<0.05	100	<5	<0.05	<5	70	10	<0.05	<10	<5	13	<100
W636144		<5	0.22	<50	<0.05	120	<5	<0.05	<5	80	20	<0.05	<10	<5	10	<100
W636145		<5	0.17	<50	<0.05	140	<5	<0.05	<5	50	30	<0.05	<10	<5	12	<100
W636146		<5	0.29	<50	<0.05	100	<5	<0.05	8	<50	10	<0.05	<10	<5	8	<100
W636147		<5	0.24	<50	<0.05	130	<5	0.06	<5	60	20	<0.05	<10	<5	10	<100
W636148		<5	0.27	<50	<0.05	210	<5	<0.05	6	90	20	<0.05	<10	<5	31	<100



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CERTIFICATE OF ANALYSIS WH17183120

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636113		<0.05	<50	<50	11	<50	10
W636114		<0.05	<50	<50	11	<50	20
W636115		<0.05	<50	<50	5	<50	20
W636116		<0.05	<50	<50	36	<50	90
W636117		<0.05	<50	<50	186	<50	430
W636118		<0.05	<50	<50	94	<50	180
W636119		<0.05	<50	<50	12	<50	40
W636120		<0.05	<50	<50	<5	<50	10
W636121		<0.05	<50	<50	<5	<50	10
W636122		<0.05	<50	<50	<5	<50	20
W636123		<0.05	<50	<50	<5	<50	10
W636124		<0.05	<50	<50	<5	<50	20
W636125		<0.05	<50	<50	<5	<50	10
W636126		<0.05	<50	<50	<5	<50	10
W636127		<0.05	<50	<50	5	<50	10
W636128		<0.05	<50	<50	6	<50	20
W636129		<0.05	<50	<50	<5	<50	<10
W636130		<0.05	<50	<50	6	<50	10
W636131		<0.05	<50	<50	<5	<50	10
W636132		<0.05	<50	<50	14	<50	100
W636133		<0.05	<50	<50	<5	<50	10
W636134		<0.05	<50	<50	<5	<50	10
W636135		<0.05	<50	<50	<5	<50	10
W636136		<0.05	<50	<50	<5	<50	10
W636137		<0.05	<50	<50	<5	<50	20
W636138		<0.05	<50	<50	<5	<50	10
W636139		<0.05	<50	<50	18	<50	30
W636140		<0.05	<50	<50	10	<50	30
W636141		<0.05	<50	<50	<5	<50	20
W636142		<0.05	<50	<50	<5	<50	10
W636143		<0.05	<50	<50	<5	<50	10
W636144		<0.05	<50	<50	<5	<50	20
W636145		<0.05	<50	<50	<5	<50	20
W636146		<0.05	<50	<50	<5	<50	30
W636147		<0.05	<50	<50	<5	<50	40
W636148		<0.05	<50	<50	6	<50	20



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CERTIFICATE OF ANALYSIS WH17183120

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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CERTIFICATE WH17183122

Project: Dan Man
 P.O. No.: 1006216-Batch 19
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 22-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W636149		2.44	<0.001	<1	0.42	70	<50	<5	<10	0.61	<5	<5	8	14	0.80	<50
W636150		2.54	0.001	<1	0.36	40	<50	<5	<10	0.79	<5	<5	8	<5	0.61	<50
W636151		2.32	0.006	1	0.39	70	220	<5	<10	0.47	<5	<5	7	<5	0.65	<50
W636152		2.46	0.005	1	0.38	20	<50	<5	<10	0.16	<5	<5	8	8	0.42	<50
W636153		2.38	0.013	1	0.35	50	190	<5	<10	0.23	<5	<5	7	<5	0.58	<50
W636154		1.72	0.010	<1	0.46	60	<50	<5	<10	<0.05	<5	<5	10	5	0.56	<50
W636155		2.26	0.003	<1	0.35	80	60	<5	<10	1.21	<5	<5	5	<5	0.55	<50
W636156		0.32	1.325	32	1.23	530	650	<5	<10	0.27	32	<5	13	137	5.36	<50
W636157		2.38	0.002	<1	1.49	30	720	<5	<10	1.29	<5	22	63	33	4.88	<50
W636158		2.14	<0.001	1	1.68	50	760	<5	<10	5.73	<5	15	99	14	3.75	<50
W636159		2.22	0.002	<1	1.33	230	480	<5	<10	6.21	<5	19	94	31	4.43	<50
W636160		1.96	0.016	<1	1.66	40	750	<5	<10	3.52	<5	23	116	17	4.20	<50
W636161		1.82	0.002	<1	0.69	<10	80	<5	10	0.30	<5	<5	18	31	1.31	<50
W636162		2.20	0.001	<1	1.01	30	240	<5	<10	5.84	<5	9	77	10	3.72	<50
W636163		2.20	<0.001	<1	1.18	110	430	<5	<10	3.01	<5	8	79	7	2.63	<50
W636164		2.12	<0.001	1	1.10	40	1260	<5	<10	3.77	<5	6	78	22	3.15	<50
W636165		2.42	<0.001	<1	1.17	40	410	<5	<10	6.29	<5	14	97	20	2.90	<50
W636166		2.32	0.001	<1	1.27	40	90	<5	<10	4.93	<5	14	103	29	4.17	<50
W636167		2.34	<0.001	<1	0.05	<10	<50	<5	10	21.0	<5	<5	<5	<5	0.47	<50
W636168		1.92	0.008	1	0.88	10	70	<5	<10	3.80	<5	6	25	7	2.57	<50
W636169		2.40	0.001	<1	1.05	10	90	<5	<10	3.63	<5	10	16	<5	2.79	<50
W636170		2.22	<0.001	<1	0.76	10	120	<5	<10	2.96	<5	<5	13	<5	1.44	<50
W636171		2.68	0.004	1	0.77	20	100	<5	<10	1.99	<5	<5	14	5	1.53	<50
W636172		3.38	<0.001	<1	0.38	20	<50	<5	<10	0.13	<5	<5	8	<5	0.92	<50
W636173		2.54	0.027	<1	0.62	20	60	<5	<10	0.12	<5	<5	16	8	1.26	<50
W636174		2.50	0.053	<1	0.46	50	60	<5	<10	0.10	<5	<5	13	<5	1.11	<50
W636175		1.56	0.047	<1	0.49	50	80	<5	<10	0.11	<5	<5	14	10	1.18	<50
W636176		1.76	0.518	1	0.32	100	<50	<5	<10	<0.05	<5	<5	9	<5	0.80	<50
W636177		1.66	0.047	<1	0.33	40	<50	<5	<10	<0.05	<5	<5	8	<5	0.73	<50
W636178		1.96	0.095	1	0.34	50	400	<5	<10	<0.05	<5	<5	9	<5	0.74	<50
W636179		2.08	0.014	1	0.65	40	100	<5	<10	0.11	<5	5	41	7	1.92	<50
W636180		2.12	0.012	<1	1.56	40	320	<5	<10	0.83	<5	19	115	23	4.29	<50
W636181		1.86	0.015	<1	2.14	60	250	6	<10	0.40	<5	22	134	6	4.75	<50
W636182		2.06	0.013	<1	0.32	40	80	<5	<10	0.37	<5	<5	8	<5	1.26	<50
W636183		2.28	0.114	1	0.26	60	50	<5	<10	<0.05	<5	<5	10	<5	1.01	<50
W636184		2.22	0.036	<1	0.29	40	<50	<5	<10	<0.05	<5	<5	12	<5	1.02	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636149		<5	0.18	<50	<0.05	150	<5	<0.05	8	<50	10	0.06	<10	<5	11	<100
W636150		<5	0.21	<50	<0.05	100	<5	<0.05	<5	<50	10	0.13	<10	<5	12	<100
W636151		<5	0.18	<50	<0.05	80	<5	<0.05	<5	<50	10	<0.05	<10	<5	17	<100
W636152		<5	0.28	<50	<0.05	50	<5	<0.05	<5	<50	20	<0.05	<10	<5	5	<100
W636153		<5	0.23	<50	<0.05	70	<5	<0.05	<5	<50	20	<0.05	<10	<5	11	<100
W636154		<5	0.18	<50	<0.05	70	<5	<0.05	5	60	20	<0.05	<10	<5	12	<100
W636155		<5	0.21	<50	<0.05	100	<5	<0.05	<5	<50	20	0.13	<10	<5	18	<100
W636156		<5	0.51	<50	0.10	1040	<5	<0.05	6	1470	3520	0.44	20	5	168	<100
W636157		<5	0.56	<50	0.39	1420	<5	<0.05	63	1030	10	<0.05	10	11	37	<100
W636158		<5	0.62	<50	1.66	920	<5	<0.05	57	1200	10	0.42	<10	13	131	<100
W636159		<5	0.31	<50	1.59	1110	<5	<0.05	66	1180	30	1.55	10	13	102	<100
W636160		<5	0.55	<50	0.56	1200	<5	<0.05	70	1400	<10	<0.05	<10	15	39	<100
W636161		<5	0.16	<50	0.06	330	<5	<0.05	13	170	20	<0.05	<10	<5	8	<100
W636162		<5	0.18	<50	0.60	680	<5	<0.05	39	980	50	0.35	<10	10	61	<100
W636163		<5	0.18	<50	0.13	580	<5	<0.05	28	1080	20	0.09	<10	13	64	<100
W636164		<5	0.15	<50	0.46	690	<5	<0.05	43	950	20	0.40	<10	13	94	<100
W636165		<5	0.15	<50	0.58	860	<5	<0.05	54	1050	30	0.28	<10	15	125	<100
W636166		<5	0.20	<50	0.33	730	<5	<0.05	67	1170	20	0.18	<10	16	82	<100
W636167		<5	<0.05	<50	11.70	230	<5	<0.05	<5	170	<10	<0.05	<10	<5	35	<100
W636168		<5	0.26	<50	0.70	860	<5	<0.05	26	450	40	0.05	<10	<5	137	<100
W636169		<5	0.51	<50	0.95	810	<5	<0.05	9	980	20	0.09	<10	5	103	<100
W636170		<5	0.43	<50	0.44	560	<5	<0.05	<5	520	10	0.06	<10	<5	60	<100
W636171		<5	0.33	<50	0.30	470	<5	<0.05	6	360	20	0.05	<10	<5	84	<100
W636172		<5	0.17	<50	0.06	120	<5	<0.05	<5	50	10	<0.05	<10	<5	6	<100
W636173		<5	0.15	<50	0.10	240	<5	<0.05	9	160	10	<0.05	<10	<5	12	<100
W636174		<5	0.12	<50	0.08	190	<5	<0.05	7	120	10	<0.05	<10	<5	15	<100
W636175		<5	0.11	<50	0.09	240	<5	<0.05	7	120	20	<0.05	<10	<5	15	<100
W636176		<5	0.11	<50	<0.05	110	<5	0.05	6	70	40	<0.05	<10	<5	19	<100
W636177		<5	0.10	<50	<0.05	110	<5	0.06	6	80	10	<0.05	<10	<5	9	<100
W636178		<5	0.12	<50	<0.05	110	<5	<0.05	<5	90	30	<0.05	<10	<5	26	<100
W636179		<5	0.34	<50	0.26	400	<5	<0.05	28	290	10	<0.05	<10	5	46	<100
W636180		<5	0.87	<50	0.86	930	<5	<0.05	81	930	10	<0.05	<10	13	49	<100
W636181		<5	1.26	<50	1.36	1010	<5	<0.05	119	1100	20	<0.05	<10	18	27	<100
W636182		<5	0.19	<50	<0.05	260	<5	<0.05	<5	110	10	<0.05	<10	<5	18	<100
W636183		<5	0.13	<50	<0.05	130	<5	<0.05	<5	60	10	<0.05	<10	<5	11	<100
W636184		<5	0.10	<50	<0.05	90	<5	<0.05	<5	60	10	<0.05	<10	<5	5	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636149		<0.05	<50	<50	<5	<50	20
W636150		<0.05	<50	<50	<5	<50	10
W636151		<0.05	<50	<50	<5	<50	<10
W636152		<0.05	<50	<50	<5	<50	<10
W636153		<0.05	<50	<50	<5	<50	10
W636154		<0.05	<50	<50	<5	<50	10
W636155		<0.05	<50	<50	<5	<50	<10
W636156		<0.05	<50	<50	59	<50	2330
W636157		<0.05	<50	<50	62	<50	110
W636158		0.08	<50	<50	106	<50	60
W636159		<0.05	<50	<50	97	<50	140
W636160		0.07	<50	<50	117	<50	60
W636161		<0.05	<50	<50	16	<50	30
W636162		<0.05	<50	<50	81	<50	160
W636163		<0.05	<50	<50	88	<50	90
W636164		<0.05	<50	<50	82	<50	130
W636165		<0.05	<50	<50	93	<50	110
W636166		<0.05	<50	80	103	<50	200
W636167		<0.05	<50	<50	<5	<50	20
W636168		<0.05	<50	<50	27	<50	100
W636169		<0.05	<50	<50	30	<50	100
W636170		<0.05	<50	<50	10	<50	60
W636171		<0.05	<50	<50	13	<50	60
W636172		<0.05	<50	<50	<5	<50	20
W636173		<0.05	<50	<50	19	<50	30
W636174		<0.05	<50	<50	15	<50	20
W636175		<0.05	<50	<50	12	<50	20
W636176		<0.05	<50	<50	<5	<50	10
W636177		<0.05	<50	<50	<5	<50	10
W636178		<0.05	<50	<50	<5	<50	10
W636179		<0.05	<50	<50	25	<50	30
W636180		0.06	<50	<50	86	<50	50
W636181		0.08	<50	<50	107	<50	50
W636182		<0.05	<50	<50	6	<50	20
W636183		<0.05	<50	<50	<5	<50	10
W636184		<0.05	<50	<50	<5	<50	10



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Page: Appendix 1
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Finalized Date: 4-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183122

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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 Account: DEVARC

CERTIFICATE WH17183124

Project: Dan Man
 P.O. No.: 1006216-Batch 20
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183124

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W636185		2.60	0.001	<1	0.19	<10	<50	<5	<10	1.14	<5	<5	8	<5	1.34	<50
W636186		2.10	0.057	<1	0.23	30	<50	<5	<10	0.11	<5	<5	7	<5	0.85	<50
W636187		2.26	0.097	<1	0.35	30	60	<5	<10	0.11	<5	<5	11	<5	1.46	<50
W636188		2.22	0.149	<1	0.36	50	50	<5	<10	0.10	<5	<5	13	<5	1.75	<50
W636189		2.24	0.174	<1	0.20	30	<50	<5	<10	<0.05	<5	<5	7	<5	0.65	<50
W636190		2.14	0.476	<1	0.16	140	<50	<5	<10	<0.05	<5	<5	8	<5	0.93	<50
W636191		0.32	1.165	<1	0.53	250	110	<5	<10	17.25	<5	<5	25	69	2.48	<50
W636192		1.96	0.580	<1	0.50	140	<50	<5	<10	0.06	<5	<5	9	<5	1.14	<50
W636193		2.60	0.374	<1	0.25	90	<50	<5	<10	0.07	<5	<5	8	<5	1.17	<50
W636194		2.30	0.357	<1	0.18	90	<50	<5	<10	<0.05	<5	<5	9	<5	0.81	<50
W636195		2.46	0.440	<1	0.24	130	<50	<5	<10	<0.05	<5	<5	8	<5	0.95	<50
W636196		2.32	0.248	<1	0.18	50	<50	<5	<10	<0.05	<5	<5	11	<5	0.55	<50
W636197		2.76	0.337	<1	0.18	70	<50	<5	<10	<0.05	<5	<5	9	<5	0.71	<50
W636198		2.86	0.432	<1	0.21	100	60	<5	<10	<0.05	<5	<5	11	<5	0.78	<50
W636199		2.18	0.905	<1	0.32	120	50	<5	<10	0.06	<5	<5	10	<5	1.26	<50
W636200		2.14	1.160	<1	0.35	130	<50	<5	<10	<0.05	<5	<5	10	<5	0.97	<50
W636201		2.34	0.508	<1	0.32	80	<50	<5	<10	0.05	<5	<5	5	<5	0.92	<50
W636202		2.12	0.535	<1	0.31	70	<50	<5	<10	0.06	<5	<5	7	<5	0.91	<50
W636203		2.50	0.136	<1	0.37	70	80	<5	<10	0.09	<5	<5	10	<5	1.20	<50
W636204		2.18	0.222	<1	0.44	60	60	<5	<10	0.07	<5	<5	8	<5	0.87	<50
W636205		2.56	0.003	<1	0.43	<10	150	<5	<10	1.53	<5	<5	6	<5	0.93	<50
W636206		2.30	0.070	<1	0.49	80	110	<5	<10	1.39	<5	<5	6	<5	0.80	<50
W636207		2.10	0.063	<1	0.52	30	50	<5	<10	0.11	<5	<5	5	<5	1.13	<50
W636208		1.80	0.058	<1	0.43	20	<50	<5	<10	0.07	<5	<5	6	<5	0.90	<50
W636209		2.02	0.056	<1	0.43	10	<50	<5	<10	0.08	<5	<5	7	<5	0.94	<50
W636210		1.90	0.021	<1	0.44	10	<50	<5	<10	0.08	<5	<5	7	<5	0.97	<50
W636211		2.32	0.001	<1	<0.05	<10	<50	<5	<10	20.2	<5	<5	<5	<5	0.46	<50
W636212		2.26	0.011	1	0.51	20	<50	<5	<10	0.12	<5	<5	8	5	1.04	<50
W636213		2.34	0.010	<1	0.64	<10	50	<5	<10	0.09	<5	<5	5	<5	0.80	<50
W636214		2.30	0.341	<1	0.79	120	50	<5	<10	0.14	<5	5	7	<5	1.11	<50
W636215		2.14	0.134	<1	0.74	180	90	<5	<10	0.07	<5	<5	8	<5	1.30	<50
W636216		1.86	0.032	<1	2.32	50	100	<5	<10	2.53	<5	15	105	34	2.63	<50
W636217		2.04	0.011	1	0.68	30	50	<5	50	0.29	<5	<5	10	5	1.18	<50
W636218		1.98	0.033	<1	0.53	20	60	<5	<10	0.10	<5	5	9	6	1.21	<50
W636219		2.60	0.179	<1	0.53	30	<50	<5	10	0.08	<5	<5	11	7	1.18	<50
W636220		2.34	0.023	<1	2.95	10	590	6	<10	5.07	<5	22	146	34	3.71	<50



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183124

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636185		<5	0.13	<50	<0.05	160	<5	<0.05	<5	50	10	<0.05	<10	<5	33	<100
W636186		<5	0.08	<50	0.05	50	<5	<0.05	5	70	10	<0.05	10	<5	32	<100
W636187		<5	0.13	<50	0.05	260	<5	0.05	15	240	30	<0.05	10	<5	34	<100
W636188		<5	0.10	<50	0.07	290	<5	0.06	18	220	10	<0.05	10	<5	22	<100
W636189		<5	0.06	<50	<0.05	50	<5	0.07	<5	60	<10	<0.05	<10	<5	9	<100
W636190		<5	0.11	<50	<0.05	30	<5	0.05	<5	60	10	0.07	<10	<5	12	<100
W636191		<5	0.20	<50	3.00	1700	70	<0.05	84	1060	20	0.88	20	<5	192	<100
W636192		<5	0.14	<50	<0.05	60	<5	<0.05	<5	130	10	<0.05	10	<5	30	<100
W636193		<5	0.10	<50	<0.05	140	<5	<0.05	7	90	10	<0.05	<10	<5	14	<100
W636194		<5	0.09	<50	<0.05	50	<5	0.06	<5	<50	10	<0.05	<10	<5	9	<100
W636195		<5	0.10	<50	<0.05	40	<5	0.07	<5	50	10	<0.05	10	<5	8	<100
W636196		<5	0.10	<50	<0.05	40	<5	0.06	6	<50	10	<0.05	<10	<5	8	<100
W636197		<5	0.11	<50	<0.05	30	<5	0.07	5	50	10	<0.05	10	<5	10	<100
W636198		<5	0.14	<50	<0.05	50	<5	0.08	7	60	10	<0.05	<10	<5	15	<100
W636199		<5	0.11	<50	<0.05	230	<5	0.05	<5	110	10	<0.05	<10	<5	19	<100
W636200		<5	0.14	<50	<0.05	80	<5	<0.05	7	90	20	<0.05	10	<5	24	<100
W636201		<5	0.07	<50	<0.05	200	<5	0.09	7	100	10	<0.05	10	<5	26	<100
W636202		<5	0.06	<50	<0.05	210	<5	0.08	<5	90	10	<0.05	10	<5	21	<100
W636203		<5	0.16	60	<0.05	320	<5	<0.05	6	200	10	<0.05	<10	<5	43	<100
W636204		5	0.19	60	<0.05	190	<5	<0.05	6	150	20	<0.05	<10	<5	32	<100
W636205		<5	0.28	50	<0.05	250	<5	<0.05	<5	290	10	<0.05	10	<5	63	<100
W636206		<5	0.32	<50	<0.05	220	<5	<0.05	6	260	20	<0.05	10	<5	58	<100
W636207		<5	0.15	<50	0.07	210	<5	<0.05	6	220	10	<0.05	10	<5	51	<100
W636208		<5	0.11	<50	0.05	110	<5	<0.05	6	110	10	<0.05	<10	<5	59	<100
W636209		<5	0.11	<50	0.05	120	<5	<0.05	7	100	10	<0.05	10	<5	52	<100
W636210		<5	0.09	<50	0.06	110	<5	0.08	7	110	<10	<0.05	<10	<5	51	<100
W636211		<5	<0.05	<50	11.20	210	<5	<0.05	7	180	<10	<0.05	<10	<5	36	<100
W636212		<5	0.11	<50	0.08	150	<5	<0.05	8	110	10	0.06	<10	<5	57	<100
W636213		<5	0.09	<50	0.08	160	<5	<0.05	<5	90	<10	0.06	<10	<5	60	<100
W636214		<5	0.15	<50	0.09	170	<5	<0.05	<5	120	10	<0.05	<10	<5	102	<100
W636215		<5	0.11	<50	0.05	420	<5	<0.05	10	160	20	<0.05	<10	<5	121	<100
W636216		5	0.31	<50	0.63	540	<5	<0.05	31	660	30	<0.05	<10	15	71	<100
W636217		<5	0.15	<50	0.08	290	<5	<0.05	6	120	10	<0.05	<10	<5	41	<100
W636218		<5	0.18	<50	0.07	310	<5	<0.05	6	90	30	<0.05	<10	<5	29	<100
W636219		<5	0.17	<50	0.06	90	<5	<0.05	8	80	20	<0.05	<10	<5	21	<100
W636220		<5	1.18	<50	1.59	500	<5	<0.05	52	580	20	<0.05	10	17	103	<100



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183124

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636185		<0.05	<50	<50	11	<50	<10
W636186		<0.05	<50	<50	<5	<50	<10
W636187		<0.05	<50	<50	<5	<50	<10
W636188		<0.05	<50	<50	9	<50	<10
W636189		<0.05	<50	<50	<5	<50	<10
W636190		<0.05	<50	<50	<5	<50	<10
W636191		<0.05	<50	<50	170	<50	410
W636192		<0.05	<50	<50	5	<50	<10
W636193		<0.05	<50	<50	<5	<50	<10
W636194		<0.05	<50	<50	<5	<50	<10
W636195		<0.05	<50	<50	<5	<50	<10
W636196		<0.05	<50	<50	<5	<50	<10
W636197		<0.05	<50	<50	<5	<50	<10
W636198		<0.05	<50	<50	<5	<50	<10
W636199		<0.05	<50	<50	<5	<50	<10
W636200		<0.05	<50	<50	<5	<50	<10
W636201		<0.05	<50	<50	<5	<50	<10
W636202		<0.05	<50	<50	<5	<50	<10
W636203		<0.05	<50	<50	<5	<50	<10
W636204		<0.05	<50	<50	<5	<50	<10
W636205		<0.05	<50	<50	<5	<50	<10
W636206		<0.05	<50	<50	<5	<50	<10
W636207		<0.05	<50	<50	<5	<50	<10
W636208		<0.05	<50	<50	<5	<50	<10
W636209		<0.05	<50	<50	<5	<50	<10
W636210		<0.05	<50	<50	<5	<50	<10
W636211		<0.05	<50	<50	<5	<50	<10
W636212		<0.05	<50	<50	<5	<50	20
W636213		<0.05	<50	<50	<5	<50	10
W636214		<0.05	<50	<50	<5	<50	10
W636215		<0.05	<50	<50	5	<50	20
W636216		<0.05	<50	<50	71	<50	40
W636217		<0.05	<50	<50	6	<50	20
W636218		<0.05	<50	<50	<5	<50	30
W636219		<0.05	<50	<50	5	<50	20
W636220		0.11	<50	<50	102	<50	70



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Finalized Date: **10-OCT-2017**
Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183124

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	CRU-QC
	LOG-22	LOG-23	ME-ICP41a	PUL-32
	PUL-QC	SPL-21	WEI-21	



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 Account: DEVARC

CERTIFICATE WH17183132

Project: DAN MAN
 P.O. No.: 1006216-Batch 21
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

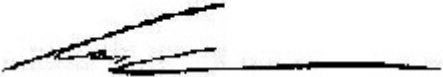
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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To: ARCUS DEVELOPMENT GROUP
 510 WEST HASTINGS ST.
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 Account: DEVARC

Project: DAN MAN

CERTIFICATE OF ANALYSIS WH17183132

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W636221		2.50	0.037	1	0.50	30	50	<5	<10	0.09	<5	<5	8	<5	0.97	<50
W636222		2.18	0.011	<1	1.50	20	80	<5	<10	1.51	<5	12	57	15	2.49	<50
W636223		2.82	0.007	<1	0.65	20	<50	<5	10	1.12	<5	<5	29	9	1.23	<50
W636224		2.70	0.001	<1	0.40	20	<50	<5	<10	0.05	<5	<5	9	<5	0.85	<50
W636225		2.58	0.035	<1	0.48	10	<50	<5	10	0.07	<5	<5	10	<5	0.89	<50
W636226		2.64	<0.001	<1	0.33	10	<50	<5	<10	0.96	<5	<5	10	<5	0.54	<50
W636227		2.68	0.010	<1	0.43	20	<50	<5	10	0.05	<5	<5	10	16	0.73	<50
W636228		2.54	0.001	<1	0.29	10	<50	<5	<10	0.13	<5	<5	10	<5	0.56	<50
W636229		2.48	0.003	<1	0.43	20	<50	<5	<10	0.50	<5	5	17	<5	0.94	<50
W636230		3.08	0.001	<1	0.37	10	<50	<5	10	0.10	<5	5	8	<5	0.78	<50
W636231		0.32	1.400	31	1.23	510	650	<5	10	0.26	31	8	13	135	5.37	<50
W636232		2.76	0.001	<1	0.49	10	<50	<5	<10	0.40	<5	<5	11	5	0.81	<50
W636233		2.62	<0.001	<1	0.31	<10	<50	<5	<10	0.58	<5	<5	11	<5	0.53	<50
W636234		3.02	<0.001	<1	1.52	20	80	<5	<10	3.53	<5	17	82	23	2.31	<50
W636235		2.78	<0.001	<1	0.74	10	<50	<5	10	0.74	<5	<5	21	7	1.07	<50
W636236		3.14	0.001	1	0.93	<10	<50	<5	10	0.94	<5	40	23	5	1.47	<50
W636237		2.82	<0.001	<1	0.76	<10	50	<5	<10	0.84	<5	334	25	8	1.58	<50
W636238		2.78	<0.001	<1	3.19	20	150	<5	<10	3.14	<5	30	149	38	3.55	<50
W636239		2.74	<0.001	1	0.41	<10	<50	<5	10	0.68	<5	<5	11	<5	0.61	<50
W636240		2.78	<0.001	<1	0.59	20	60	<5	10	0.43	<5	11	11	<5	0.99	<50
W636241		2.76	<0.001	<1	0.91	10	100	<5	<10	0.86	<5	<5	10	<5	1.43	<50
W636242		2.38	<0.001	1	0.51	<10	<50	<5	<10	1.24	<5	6	10	<5	0.65	<50
W636243		2.70	0.003	1	0.58	50	<50	<5	10	3.53	<5	7	17	<5	1.34	<50
W636244		2.72	<0.001	1	0.45	<10	70	<5	<10	1.23	<5	6	9	<5	0.58	<50
W636245		2.26	0.002	1	2.49	20	270	<5	10	2.86	<5	25	120	36	3.19	<50
W636246		2.52	<0.001	<1	2.90	10	1120	<5	<10	2.45	<5	33	148	47	3.43	<50
W636247		2.38	0.001	<1	<0.05	<10	<50	<5	<10	20.6	<5	5	<5	<5	0.48	<50
W636248		2.38	0.001	<1	0.29	<10	50	<5	10	0.71	<5	<5	9	13	0.62	<50
W636249		2.28	0.003	<1	0.31	<10	50	<5	<10	2.10	<5	<5	10	<5	0.89	<50
W636250		1.94	<0.001	<1	0.29	<10	<50	<5	<10	0.93	<5	<5	12	6	0.86	<50
W636251		2.62	0.001	<1	0.19	<10	<50	<5	<10	0.14	<5	<5	9	7	0.89	<50
W636252		2.66	0.001	<1	0.29	<10	<50	<5	10	4.61	<5	<5	10	<5	1.12	<50
W636253		2.60	<0.001	<1	0.38	<10	<50	<5	<10	0.73	<5	<5	14	7	1.06	<50
W636254		2.32	0.003	<1	0.35	<10	50	<5	10	0.82	<5	<5	14	9	1.08	<50
W636255		2.66	<0.001	<1	0.32	<10	50	<5	10	0.36	<5	<5	9	<5	0.68	<50
W636256		2.60	<0.001	<1	0.35	<10	<50	<5	<10	0.94	<5	<5	9	5	0.59	<50



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Project: DAN MAN

CERTIFICATE OF ANALYSIS WH17183132

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636221		<5	0.27	<50	0.05	110	<5	<0.05	<5	140	<10	<0.05	<10	<5	20	<100
W636222		<5	0.76	<50	0.88	360	<5	<0.05	20	370	<10	<0.05	<10	6	43	<100
W636223		<5	0.24	<50	0.28	190	<5	<0.05	10	150	10	<0.05	<10	<5	24	<100
W636224		<5	0.18	<50	<0.05	110	<5	<0.05	<5	50	<10	<0.05	<10	<5	6	<100
W636225		<5	0.23	<50	0.05	190	<5	<0.05	<5	60	<10	<0.05	<10	<5	17	<100
W636226		<5	0.16	<50	<0.05	100	<5	0.05	<5	60	10	<0.05	<10	<5	24	<100
W636227		<5	0.21	<50	<0.05	150	<5	<0.05	<5	90	<10	<0.05	<10	<5	15	<100
W636228		<5	0.15	<50	<0.05	100	<5	0.05	<5	60	<10	<0.05	<10	<5	6	<100
W636229		<5	0.21	<50	0.14	150	<5	<0.05	<5	140	<10	<0.05	<10	<5	12	<100
W636230		<5	0.13	<50	<0.05	70	<5	0.07	<5	80	<10	<0.05	<10	<5	15	<100
W636231		6	0.50	<50	0.09	1040	<5	<0.05	5	1450	3430	0.46	20	5	168	<100
W636232		<5	0.17	<50	0.08	90	<5	0.07	<5	130	10	<0.05	<10	<5	32	<100
W636233		<5	0.11	<50	<0.05	80	<5	0.06	<5	70	<10	<0.05	<10	<5	18	<100
W636234		<5	0.42	<50	1.10	550	<5	0.05	24	440	10	0.16	<10	6	94	<100
W636235		<5	0.24	<50	0.41	190	34	0.06	6	240	<10	<0.05	<10	<5	27	<100
W636236		<5	0.35	<50	0.53	210	421	0.06	<5	310	<10	0.09	<10	<5	48	<100
W636237		5	0.40	<50	0.48	250	36	0.06	10	190	10	0.05	<10	<5	31	<100
W636238		<5	1.76	<50	2.81	730	<5	<0.05	69	660	10	0.08	<10	7	88	<100
W636239		7	0.20	<50	0.09	110	35	0.05	<5	80	<10	0.05	<10	<5	27	<100
W636240		<5	0.34	60	0.13	200	<5	<0.05	<5	110	<10	<0.05	<10	<5	20	<100
W636241		<5	0.64	80	0.28	350	10	<0.05	<5	310	<10	0.09	<10	<5	37	<100
W636242		<5	0.26	60	0.07	270	<5	0.05	<5	120	<10	0.06	<10	<5	30	<100
W636243		<5	0.34	50	0.69	500	<5	<0.05	13	180	<10	0.14	<10	<5	58	<100
W636244		<5	0.28	60	0.05	250	<5	<0.05	<5	110	<10	0.06	<10	<5	25	<100
W636245		<5	1.62	<50	2.51	680	5	<0.05	50	510	<10	0.08	<10	7	82	<100
W636246		<5	1.58	<50	2.65	720	<5	<0.05	75	660	10	0.08	<10	6	151	<100
W636247		<5	<0.05	<50	11.65	230	<5	<0.05	<5	190	<10	0.05	<10	<5	48	<100
W636248		6	0.26	60	0.06	170	<5	0.05	<5	80	<10	<0.05	<10	<5	15	<100
W636249		5	0.21	50	0.09	350	<5	<0.05	<5	90	<10	<0.05	<10	<5	16	<100
W636250		<5	0.21	<50	0.12	160	<5	0.06	<5	110	<10	<0.05	10	<5	17	<100
W636251		5	0.18	60	<0.05	130	<5	<0.05	<5	<50	<10	<0.05	<10	<5	<5	<100
W636252		<5	0.24	50	0.32	420	<5	<0.05	<5	80	<10	<0.05	<10	<5	55	<100
W636253		<5	0.25	50	0.13	180	<5	0.05	5	90	<10	<0.05	<10	<5	17	<100
W636254		<5	0.22	50	0.11	250	<5	<0.05	<5	80	<10	<0.05	<10	<5	13	<100
W636255		<5	0.29	60	0.07	140	<5	<0.05	<5	70	<10	<0.05	<10	<5	9	<100
W636256		<5	0.22	<50	0.08	120	<5	0.07	<5	120	<10	<0.05	<10	<5	23	<100



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Project: DAN MAN

CERTIFICATE OF ANALYSIS WH17183132

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636221		<0.05	<50	<50	<5	<50	10
W636222		0.09	<50	<50	36	50	20
W636223		0.05	<50	<50	17	<50	10
W636224		<0.05	<50	<50	<5	<50	<10
W636225		<0.05	<50	<50	<5	<50	10
W636226		<0.05	<50	<50	<5	<50	10
W636227		<0.05	<50	<50	<5	<50	10
W636228		<0.05	<50	<50	<5	<50	<10
W636229		<0.05	<50	<50	11	<50	10
W636230		<0.05	<50	<50	<5	<50	<10
W636231		<0.05	<50	<50	59	<50	2320
W636232		<0.05	<50	<50	<5	<50	10
W636233		<0.05	<50	<50	<5	<50	<10
W636234		0.13	<50	<50	49	<50	30
W636235		<0.05	<50	<50	11	<50	10
W636236		0.08	<50	<50	14	250	10
W636237		0.06	<50	<50	15	1840	40
W636238		0.44	<50	<50	85	<50	60
W636239		<0.05	<50	<50	<5	<50	10
W636240		<0.05	<50	<50	<5	90	10
W636241		0.06	<50	<50	<5	<50	20
W636242		<0.05	<50	<50	<5	<50	10
W636243		<0.05	<50	<50	8	<50	20
W636244		<0.05	<50	<50	<5	50	10
W636245		0.26	<50	<50	68	<50	50
W636246		0.43	<50	<50	82	<50	60
W636247		<0.05	<50	<50	<5	<50	20
W636248		<0.05	<50	<50	<5	<50	10
W636249		<0.05	<50	<50	<5	<50	10
W636250		<0.05	<50	<50	<5	<50	10
W636251		<0.05	<50	<50	<5	<50	10
W636252		<0.05	<50	<50	8	<50	20
W636253		<0.05	<50	<50	<5	<50	10
W636254		<0.05	<50	<50	7	<50	10
W636255		<0.05	<50	<50	<5	<50	10
W636256		<0.05	<50	<50	<5	<50	<10



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Account: **DEVARC**

Project: DAN MAN

CERTIFICATE OF ANALYSIS WH17183132

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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CERTIFICATE WH17183137

Project: Dan Man
 P.O. No.: 1006216-Batch 22
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

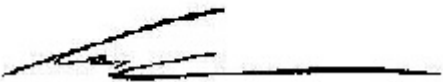
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W636257		2.38	<0.001	<1	1.77	10	100	<5	10	2.30	<5	11	79	13	2.67	<50
W636258		2.62	<0.001	<1	0.34	10	<50	<5	<10	0.40	<5	<5	13	9	1.08	<50
W636259		2.44	<0.001	1	0.47	20	50	<5	<10	0.89	<5	<5	9	10	0.66	<50
W636260		2.72	<0.001	<1	1.09	<10	70	<5	<10	1.82	<5	7	19	<5	1.83	<50
W636261		2.72	<0.001	<1	1.01	10	70	<5	<10	1.89	<5	8	33	11	1.73	<50
W636262		2.24	<0.001	<1	3.80	30	320	<5	10	3.19	<5	29	152	41	4.64	<50
W636263		2.66	<0.001	<1	0.86	10	50	<5	10	1.38	<5	<5	31	10	1.25	<50
W636264		1.86	<0.001	<1	0.24	10	<50	<5	<10	0.26	<5	<5	21	10	0.85	<50
W636265		2.46	<0.001	<1	0.21	20	<50	<5	10	0.71	<5	<5	12	6	0.50	<50
W636266		2.08	<0.001	<1	0.22	20	<50	<5	<10	0.49	<5	<5	14	5	0.56	<50
W636267		0.30	1.325	30	1.04	510	620	<5	<10	0.27	30	8	12	133	5.24	<50
W636268		2.46	0.001	<1	0.23	<10	<50	<5	10	0.28	<5	43	14	5	0.58	<50
W636269		2.06	<0.001	<1	0.24	20	<50	<5	<10	0.30	<5	26	17	9	0.82	<50
W636270		2.74	0.008	<1	0.67	10	70	<5	10	0.22	<5	6	16	11	1.23	<50
W636271		2.14	0.002	1	0.61	10	50	<5	<10	0.30	<5	8	22	13	1.24	<50
W636272		2.10	0.001	<1	0.43	20	<50	<5	<10	0.12	<5	<5	14	17	1.09	<50
W636273		2.04	<0.001	<1	0.58	20	<50	<5	10	0.24	<5	5	20	11	0.97	<50
W636274		2.86	<0.001	<1	0.61	10	<50	<5	<10	0.65	<5	5	8	<5	1.21	<50
W636275		2.72	<0.001	<1	0.55	10	<50	<5	10	0.48	<5	<5	14	5	0.92	<50
W636276		2.80	0.001	<1	1.72	20	60	<5	<10	1.32	<5	19	69	19	2.53	<50
W636277		2.86	0.009	1	0.42	<10	<50	<5	10	0.47	<5	<5	11	<5	0.81	<50
W636278		2.84	<0.001	<1	1.09	10	<50	<5	10	0.89	<5	12	35	13	1.45	<50
W636279		2.56	<0.001	<1	0.62	10	<50	<5	10	0.61	<5	9	18	9	0.93	<50
W636280		3.02	<0.001	<1	0.43	<10	<50	<5	10	0.52	<5	<5	12	<5	0.69	<50
W636281		2.62	0.002	<1	1.22	20	60	<5	<10	1.25	<5	14	61	25	1.73	<50
W636282		2.86	0.007	<1	1.75	10	<50	<5	10	2.04	<5	19	88	53	2.43	<50
W636283		2.64	0.001	<1	0.91	10	60	<5	<10	0.51	<5	6	22	12	1.52	<50
W636284		2.46	<0.001	<1	0.39	10	<50	<5	10	0.80	<5	<5	11	<5	0.65	<50
W636285		2.64	<0.001	<1	0.43	10	<50	<5	<10	0.62	<5	<5	15	<5	0.60	<50
W636286		2.48	<0.001	<1	0.49	10	<50	<5	<10	0.74	<5	<5	16	<5	0.94	<50
W636287		2.44	<0.001	<1	0.42	10	<50	<5	20	0.50	<5	<5	13	5	0.65	<50
W636288		2.52	<0.001	<1	0.31	10	<50	<5	10	0.55	<5	<5	14	<5	0.50	<50
W636289		2.34	0.005	1	<0.05	10	<50	<5	10	21.1	<5	<5	<5	<5	0.44	<50
W636290		2.60	<0.001	<1	0.36	10	<50	<5	<10	0.68	<5	<5	11	<5	0.64	<50
W636291		2.20	<0.001	<1	0.28	<10	<50	<5	<10	0.65	<5	<5	13	6	0.50	<50
W636292		2.40	<0.001	<1	0.31	<10	<50	<5	10	0.78	<5	<5	14	5	0.59	<50



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183137

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636257		<5	1.39	<50	1.60	500	<5	<0.05	31	430	<10	0.06	<10	6	62	<100
W636258		<5	0.31	50	0.10	210	17	<0.05	6	100	<10	<0.05	10	<5	16	<100
W636259		<5	0.32	<50	0.21	150	13	<0.05	<5	70	<10	<0.05	10	<5	18	<100
W636260		<5	0.91	<50	0.78	340	<5	<0.05	5	420	<10	<0.05	<10	<5	25	<100
W636261		<5	0.78	<50	0.84	340	<5	<0.05	15	240	10	<0.05	10	<5	33	<100
W636262		<5	3.42	<50	4.17	1130	<5	<0.05	68	680	<10	0.08	10	16	34	<100
W636263		<5	0.71	<50	0.69	250	<5	<0.05	11	170	10	<0.05	10	<5	25	<100
W636264		<5	0.20	<50	<0.05	120	<5	0.06	7	<50	10	<0.05	10	<5	10	<100
W636265		<5	0.15	<50	<0.05	70	<5	0.09	<5	<50	10	<0.05	10	<5	24	<100
W636266		<5	0.13	<50	<0.05	70	<5	0.10	<5	<50	<10	<0.05	10	<5	26	<100
W636267		<5	0.48	<50	0.09	1030	6	<0.05	9	1360	3160	0.41	50	<5	147	<100
W636268		<5	0.15	<50	<0.05	80	<5	0.07	<5	<50	10	<0.05	20	<5	10	<100
W636269		<5	0.19	<50	<0.05	170	<5	0.05	8	50	20	<0.05	10	<5	11	<100
W636270		<5	0.15	<50	0.17	210	<5	<0.05	9	280	10	<0.05	10	<5	17	<100
W636271		<5	0.26	<50	0.22	220	<5	<0.05	12	200	10	<0.05	20	<5	23	<100
W636272		<5	0.22	<50	0.11	190	<5	<0.05	5	160	30	<0.05	10	<5	15	<100
W636273		<5	0.29	<50	0.22	170	<5	<0.05	10	160	10	<0.05	10	<5	24	<100
W636274		<5	0.22	<50	0.07	130	<5	0.07	<5	110	<10	<0.05	10	<5	69	<100
W636275		<5	0.26	<50	0.14	130	<5	0.07	<5	160	<10	<0.05	10	<5	37	<100
W636276		<5	0.95	<50	1.31	410	<5	<0.05	25	490	<10	<0.05	20	<5	56	<100
W636277		<5	0.19	<50	0.10	110	<5	0.05	<5	140	<10	<0.05	20	<5	21	<100
W636278		<5	0.36	<50	0.75	210	<5	0.05	14	260	<10	<0.05	10	<5	55	<100
W636279		<5	0.21	<50	0.29	150	<5	0.07	<5	200	<10	<0.05	20	<5	39	<100
W636280		<5	0.16	<50	0.08	90	<5	0.07	<5	100	10	<0.05	10	<5	49	<100
W636281		<5	0.34	<50	0.93	260	<5	0.08	29	450	<10	<0.05	10	<5	43	<100
W636282		<5	0.17	<50	1.32	390	<5	0.17	29	810	<10	<0.05	10	8	55	<100
W636283		<5	0.34	<50	0.36	150	<5	0.06	6	140	<10	0.16	10	<5	60	<100
W636284		<5	0.15	<50	0.10	100	<5	0.10	7	80	<10	<0.05	<10	<5	33	<100
W636285		<5	0.15	<50	0.12	80	<5	0.10	8	120	<10	<0.05	10	<5	42	<100
W636286		<5	0.21	<50	0.18	110	<5	0.08	11	160	<10	<0.05	20	<5	44	<100
W636287		<5	0.12	<50	0.08	90	<5	0.09	8	110	<10	<0.05	10	<5	41	<100
W636288		<5	0.10	<50	0.05	90	<5	0.12	<5	60	<10	<0.05	10	<5	32	<100
W636289		<5	<0.05	<50	11.75	210	<5	<0.05	6	150	<10	<0.05	<10	<5	41	<100
W636290		<5	0.10	<50	0.06	70	<5	0.10	<5	80	<10	<0.05	10	<5	43	<100
W636291		<5	0.13	<50	<0.05	80	<5	0.09	5	60	<10	<0.05	10	<5	27	<100
W636292		<5	0.25	<50	0.10	80	<5	0.06	<5	70	<10	<0.05	20	<5	31	<100



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183137

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636257		0.15	<50	<50	53	<50	40
W636258		<0.05	<50	<50	<5	<50	10
W636259		<0.05	<50	<50	<5	<50	10
W636260		0.08	<50	<50	22	<50	20
W636261		0.07	<50	<50	26	<50	20
W636262		0.30	<50	<50	108	<50	60
W636263		0.05	<50	<50	17	<50	30
W636264		<0.05	<50	<50	<5	<50	10
W636265		<0.05	<50	<50	<5	<50	10
W636266		<0.05	<50	<50	<5	<50	<10
W636267		<0.05	<50	<50	57	<50	2220
W636268		<0.05	<50	<50	<5	240	10
W636269		<0.05	<50	<50	<5	210	10
W636270		0.06	<50	<50	27	<50	20
W636271		0.06	<50	<50	16	<50	10
W636272		<0.05	<50	<50	8	<50	80
W636273		<0.05	<50	<50	8	<50	30
W636274		<0.05	<50	<50	6	50	10
W636275		<0.05	<50	<50	<5	<50	10
W636276		0.25	<50	<50	46	<50	30
W636277		<0.05	<50	<50	5	<50	10
W636278		0.16	<50	<50	21	<50	20
W636279		0.07	<50	<50	12	<50	10
W636280		<0.05	<50	<50	<5	<50	<10
W636281		0.27	<50	<50	37	<50	20
W636282		0.31	<50	<50	64	<50	60
W636283		0.05	<50	<50	15	<50	20
W636284		<0.05	<50	<50	<5	<50	<10
W636285		<0.05	<50	<50	5	<50	<10
W636286		0.05	<50	<50	5	<50	10
W636287		<0.05	<50	<50	<5	<50	<10
W636288		<0.05	<50	<50	<5	<50	<10
W636289		<0.05	<50	<50	<5	<50	20
W636290		<0.05	<50	<50	<5	<50	<10
W636291		<0.05	<50	<50	<5	<50	<10
W636292		<0.05	<50	<50	<5	<50	10



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Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183137

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17183145

Project: Dan Man
 P.O. No.: 1006216-Batch 23
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

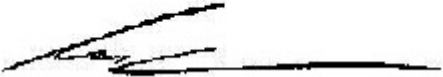
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W636293		2.48	<0.001	<1	0.26	<10	<50	<5	<10	0.48	<5	<5	13	5	0.63	<50
W636294		2.40	0.026	<1	0.25	20	<50	<5	<10	0.06	<5	<5	24	7	0.83	<50
W636295		2.48	0.007	<1	0.34	<10	<50	<5	<10	0.32	<5	<5	13	<5	0.67	<50
W636296		2.42	0.027	<1	0.45	<10	<50	<5	<10	0.25	<5	<5	13	<5	0.69	<50
W636297		2.62	<0.001	<1	1.34	<10	<50	<5	<10	2.31	<5	14	78	23	2.22	<50
W636298		2.60	<0.001	<1	0.28	10	<50	<5	<10	0.70	<5	<5	17	<5	0.61	<50
W636299		2.26	<0.001	<1	0.33	<10	<50	<5	10	0.37	<5	<5	14	6	0.42	<50
W636300		2.46	<0.001	<1	0.37	10	<50	<5	10	1.05	<5	8	13	5	0.90	<50
W636301		2.80	<0.001	<1	0.35	<10	<50	<5	10	0.74	<5	<5	12	5	0.59	<50
W636302		2.58	<0.001	<1	0.33	<10	<50	<5	10	0.38	<5	<5	13	8	0.50	<50
W636303		2.54	<0.001	<1	0.32	<10	<50	<5	<10	0.62	<5	<5	12	7	0.57	<50
W636304		2.34	<0.001	<1	<0.05	10	<50	<5	<10	21.0	<5	<5	<5	<5	0.44	<50
W636305		2.24	<0.001	<1	0.28	<10	<50	<5	10	0.64	<5	<5	14	9	0.67	<50
W636306		2.36	<0.001	<1	0.29	<10	<50	<5	<10	0.78	<5	<5	16	8	0.78	<50
W636307		2.64	<0.001	<1	0.36	<10	<50	<5	10	0.66	<5	<5	11	5	0.54	<50
W636308		2.74	<0.001	<1	0.92	10	70	<5	<10	1.25	<5	7	47	14	1.33	<50
W636309		3.00	<0.001	<1	2.45	<10	340	<5	<10	2.78	<5	20	156	29	3.26	<50
W636310		2.64	<0.001	<1	0.36	<10	<50	<5	<10	1.29	<5	<5	22	<5	0.74	<50
W636311		2.26	<0.001	<1	0.26	<10	<50	<5	10	0.65	<5	<5	15	<5	0.38	<50
W636312		2.44	<0.001	<1	0.38	<10	<50	<5	<10	0.55	<5	<5	17	<5	0.56	<50
W636313		2.26	<0.001	<1	0.32	10	<50	<5	10	1.48	<5	<5	18	<5	0.70	<50
W636314		2.26	<0.001	<1	0.42	<10	<50	<5	<10	0.72	<5	<5	15	<5	0.60	<50
W636315		2.46	<0.001	<1	0.39	<10	<50	<5	<10	0.49	<5	<5	18	5	0.58	<50
W636316		2.84	<0.001	<1	0.33	10	<50	<5	<10	0.68	<5	<5	15	<5	0.54	<50
W636317		2.92	<0.001	<1	0.36	<10	<50	<5	<10	0.34	<5	<5	14	<5	0.43	<50
W636318		2.76	<0.001	<1	0.36	<10	<50	<5	10	0.41	<5	<5	17	<5	0.51	<50
W636319		2.98	<0.001	1	0.44	<10	<50	<5	<10	0.62	<5	<5	15	<5	0.61	<50
W636320		2.76	<0.001	<1	0.42	<10	<50	<5	10	0.56	<5	<5	14	<5	0.51	<50
W636321		2.86	<0.001	<1	0.40	<10	<50	<5	<10	0.59	<5	<5	13	<5	0.54	<50
W636322		2.66	<0.001	<1	0.38	10	<50	<5	<10	0.59	<5	<5	28	<5	0.53	<50
W636323		2.86	<0.001	<1	0.72	<10	<50	<5	<10	1.23	<5	<5	41	5	1.06	<50
W636324		0.32	1.160	<1	0.63	250	120	<5	10	17.65	5	<5	43	84	2.56	<50
W636325		3.00	<0.001	<1	0.37	<10	<50	<5	<10	0.45	<5	<5	17	<5	0.53	<50
W636326		2.80	<0.001	<1	0.43	<10	<50	<5	<10	0.55	<5	<5	17	<5	0.59	<50
W636327		2.64	<0.001	<1	2.66	<10	200	<5	<10	2.13	<5	20	117	27	2.98	<50
W636328		2.10	<0.001	<1	0.40	<10	<50	<5	<10	0.67	<5	<5	15	<5	0.56	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636293		<5	0.14	<50	<0.05	100	<5	0.07	5	60	10	<0.05	<10	<5	15	<100
W636294		<5	0.12	<50	<0.05	100	<5	<0.05	8	50	10	<0.05	20	<5	<5	<100
W636295		<5	0.15	<50	<0.05	130	<5	0.06	<5	60	20	<0.05	20	<5	13	<100
W636296		<5	0.16	<50	<0.05	100	<5	0.05	<5	80	10	<0.05	10	<5	12	<100
W636297		<5	0.86	<50	1.20	390	<5	0.05	24	370	10	0.12	10	5	47	<100
W636298		<5	0.09	<50	0.05	100	<5	0.08	<5	60	20	<0.05	<10	<5	18	<100
W636299		<5	0.09	<50	<0.05	60	<5	0.11	5	50	10	<0.05	<10	<5	25	<100
W636300		<5	0.16	<50	0.13	190	<5	0.07	6	160	<10	<0.05	<10	<5	23	<100
W636301		<5	0.15	<50	0.05	110	<5	0.08	9	50	10	<0.05	10	<5	22	<100
W636302		<5	0.17	<50	<0.05	80	<5	0.07	6	50	10	<0.05	20	<5	26	<100
W636303		<5	0.14	<50	<0.05	110	<5	0.08	5	60	10	<0.05	30	<5	24	<100
W636304		<5	<0.05	<50	12.10	190	<5	<0.05	<5	190	10	<0.05	20	<5	48	<100
W636305		<5	0.08	<50	0.05	100	<5	0.07	<5	60	<10	<0.05	10	<5	22	<100
W636306		<5	0.12	<50	<0.05	150	<5	0.06	5	70	10	<0.05	20	<5	14	<100
W636307		<5	0.19	<50	0.12	100	<5	0.07	5	60	<10	<0.05	<10	<5	30	<100
W636308		<5	0.31	<50	0.74	220	<5	0.06	18	260	10	0.08	<10	<5	36	<100
W636309		<5	1.03	<50	2.29	620	<5	0.10	99	1630	<10	0.05	<10	5	74	<100
W636310		<5	0.14	<50	0.23	160	<5	0.08	8	170	10	<0.05	10	<5	36	<100
W636311		<5	0.08	<50	<0.05	70	<5	0.07	7	60	10	<0.05	10	<5	29	<100
W636312		<5	0.08	<50	<0.05	70	<5	0.13	9	70	10	<0.05	10	<5	40	<100
W636313		<5	0.08	<50	0.05	110	5	0.08	<5	60	<10	0.08	10	<5	33	<100
W636314		<5	0.10	<50	0.13	100	<5	0.11	<5	140	10	<0.05	10	<5	37	<100
W636315		<5	0.06	<50	0.06	70	<5	0.09	7	90	10	<0.05	<10	<5	39	<100
W636316		<5	0.06	<50	0.06	90	<5	0.10	7	70	<10	<0.05	10	<5	33	<100
W636317		<5	0.06	<50	0.07	60	<5	0.12	<5	90	10	<0.05	10	<5	34	<100
W636318		<5	0.05	<50	0.09	70	<5	0.11	5	80	10	<0.05	<10	<5	36	<100
W636319		<5	0.10	<50	0.15	90	<5	0.09	<5	150	10	<0.05	10	<5	53	<100
W636320		<5	0.08	<50	0.07	80	<5	0.14	5	80	<10	<0.05	20	<5	36	<100
W636321		<5	0.10	<50	0.06	80	<5	0.12	<5	70	10	<0.05	10	<5	40	<100
W636322		<5	0.09	<50	0.07	90	<5	0.11	7	90	<10	<0.05	<10	<5	26	<100
W636323		<5	0.12	<50	0.42	190	<5	0.09	8	230	10	<0.05	<10	<5	46	<100
W636324		<5	0.22	<50	3.17	1710	75	<0.05	84	1110	40	0.89	30	<5	203	<100
W636325		<5	0.13	<50	0.06	80	<5	0.09	6	80	10	<0.05	10	<5	27	<100
W636326		<5	0.09	<50	0.10	100	<5	0.11	<5	110	10	<0.05	10	<5	39	<100
W636327		<5	2.02	<50	2.54	550	<5	0.05	54	630	<10	<0.05	<10	<5	41	<100
W636328		<5	0.12	<50	0.05	90	<5	0.11	<5	60	<10	<0.05	<10	<5	41	<100



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183145

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636293		<0.05	<50	<50	<5	<50	10
W636294		<0.05	<50	<50	<5	<50	10
W636295		<0.05	<50	<50	<5	<50	<10
W636296		<0.05	<50	<50	5	<50	<10
W636297		0.13	<50	<50	48	<50	30
W636298		<0.05	<50	<50	<5	<50	<10
W636299		<0.05	<50	<50	<5	<50	<10
W636300		<0.05	<50	<50	7	60	10
W636301		<0.05	<50	<50	<5	<50	<10
W636302		<0.05	<50	<50	<5	<50	10
W636303		<0.05	<50	<50	<5	<50	<10
W636304		<0.05	<50	<50	<5	<50	10
W636305		<0.05	<50	<50	<5	50	<10
W636306		<0.05	<50	<50	<5	<50	<10
W636307		<0.05	<50	<50	<5	<50	<10
W636308		0.14	<50	<50	22	<50	10
W636309		0.34	<50	<50	66	<50	50
W636310		<0.05	<50	<50	6	<50	10
W636311		<0.05	<50	<50	<5	<50	<10
W636312		<0.05	<50	<50	<5	<50	<10
W636313		<0.05	<50	<50	<5	<50	<10
W636314		<0.05	<50	<50	<5	<50	<10
W636315		<0.05	<50	<50	<5	<50	20
W636316		<0.05	<50	<50	<5	<50	<10
W636317		<0.05	<50	<50	<5	<50	10
W636318		<0.05	<50	<50	<5	<50	10
W636319		<0.05	<50	<50	<5	<50	10
W636320		<0.05	<50	<50	<5	<50	<10
W636321		<0.05	<50	<50	<5	<50	10
W636322		<0.05	<50	<50	<5	<50	<10
W636323		<0.05	<50	<50	18	<50	10
W636324		<0.05	<50	<50	188	<50	480
W636325		<0.05	<50	<50	<5	<50	10
W636326		<0.05	<50	<50	<5	<50	10
W636327		0.34	<50	<50	71	<50	30
W636328		<0.05	<50	<50	<5	<50	<10



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183145

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	SPL-21
	WEI-21			



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CERTIFICATE WH17183148

Project: Dan Man
 P.O. No.: 1006216-Batch 24
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W636329		2.10	<0.001	<1	0.31	10	<50	<5	10	0.47	<5	<5	12	10	0.40	<50
W636330		2.24	<0.001	<1	0.30	<10	<50	<5	<10	0.65	<5	<5	14	8	0.50	<50
W636331		2.34	<0.001	<1	1.72	<10	90	<5	10	2.74	<5	15	127	10	2.43	<50
W636332		2.02	<0.001	<1	0.60	10	<50	<5	10	0.78	<5	<5	27	10	1.00	<50
W636333		2.28	0.003	<1	1.72	10	310	<5	<10	3.03	<5	16	137	13	2.57	<50
W636334		2.90	0.001	<1	0.77	20	80	<5	<10	0.14	<5	8	17	9	1.31	<50
W636335		2.62	<0.001	<1	0.55	10	50	<5	<10	<0.05	<5	<5	12	8	0.67	<50
W636336		2.32	<0.001	<1	0.58	10	100	<5	10	<0.05	<5	<5	9	6	0.80	<50
W636337		2.44	<0.001	<1	0.47	30	80	<5	10	<0.05	<5	<5	<5	5	0.62	<50
W636338		2.18	0.023	<1	0.61	40	130	<5	10	<0.05	<5	14	14	16	1.63	<50
W636339		2.08	0.004	<1	0.71	10	160	<5	<10	<0.05	<5	<5	9	12	0.97	<50
W636340		1.80	0.003	<1	0.93	20	140	<5	10	<0.05	<5	12	12	10	1.10	<50
W636341		1.86	0.002	<1	1.39	30	190	<5	10	0.06	<5	11	52	18	1.87	<50
W636342		2.16	0.003	<1	1.92	20	260	<5	10	0.08	<5	19	89	31	3.32	<50
W636343		2.32	0.003	<1	0.80	50	80	<5	10	<0.05	<5	8	15	14	1.51	<50
W636344		2.24	0.013	<1	0.66	10	50	<5	10	<0.05	<5	<5	8	7	0.88	<50
W636345		2.30	0.009	<1	0.71	60	80	<5	10	<0.05	<5	<5	11	7	1.31	<50
W636346		2.36	0.011	<1	0.80	10	<50	<5	10	<0.05	<5	<5	7	6	0.57	<50
W636347		2.42	0.027	<1	0.73	20	<50	<5	10	<0.05	<5	<5	7	6	0.61	<50
W636348		0.30	1.420	31	1.18	550	660	<5	20	0.28	32	<5	13	140	5.43	<50
W636349		2.78	0.025	1	0.81	20	<50	<5	10	<0.05	<5	<5	7	6	0.60	<50
W636350		2.80	0.041	<1	0.79	20	<50	<5	<10	<0.05	<5	<5	7	5	0.59	<50
W636351		2.86	0.005	<1	0.73	20	<50	<5	10	<0.05	<5	<5	8	5	0.57	<50
W636352		2.88	0.006	<1	0.52	20	50	<5	<10	<0.05	<5	5	7	5	0.56	<50
W636353		2.68	0.276	<1	0.42	60	1000	<5	<10	<0.05	<5	<5	6	5	1.02	<50
W636354		2.60	0.164	<1	0.41	80	120	<5	10	0.66	<5	<5	8	<5	0.89	<50
W636355		2.38	0.213	<1	0.63	180	<50	<5	<10	0.79	<5	<5	7	<5	0.98	<50
W636356		2.44	0.167	<1	0.55	380	<50	<5	<10	0.64	<5	<5	6	<5	0.80	<50
W636357		2.72	0.110	<1	0.59	650	<50	<5	<10	0.11	<5	12	14	7	1.78	<50
W636358		2.20	0.077	<1	0.66	180	<50	<5	10	0.43	<5	5	20	9	1.26	<50
W636359		3.12	0.012	<1	1.53	80	<50	<5	10	5.99	<5	20	94	25	3.35	<50
W636360		2.34	0.004	<1	<0.05	10	<50	<5	10	21.6	<5	<5	<5	<5	0.44	<50
W636361		2.84	0.012	<1	0.74	110	<50	<5	10	0.73	<5	<5	9	<5	0.72	<50
W636362		2.96	0.021	1	0.82	190	60	<5	10	3.74	<5	14	65	14	2.58	<50
W636363		2.94	0.079	<1	0.62	100	<50	<5	10	0.26	<5	<5	9	11	0.76	<50
W636364		2.90	0.007	<1	0.57	120	70	<5	<10	0.15	<5	5	6	5	0.67	<50



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Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units LOR	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636329		<5	0.11	<50	0.05	70	<5	0.08	<5	150	<10	<0.05	10	<5	40	<100
W636330		<5	0.11	<50	<0.05	90	<5	0.08	<5	80	<10	<0.05	10	<5	42	<100
W636331		<5	1.16	<50	1.62	540	<5	<0.05	25	510	<10	0.06	10	5	73	<100
W636332		<5	0.42	<50	0.35	190	<5	0.05	6	140	<10	<0.05	20	<5	25	<100
W636333		<5	1.35	<50	1.56	620	<5	0.05	30	430	<10	0.13	10	6	45	<100
W636334		<5	0.23	<50	0.15	290	<5	<0.05	8	180	10	<0.05	<10	<5	18	<100
W636335		<5	0.25	<50	<0.05	180	<5	<0.05	6	70	10	<0.05	10	<5	12	<100
W636336		<5	0.47	<50	<0.05	340	<5	<0.05	<5	80	<10	<0.05	20	<5	8	<100
W636337		<5	0.36	50	<0.05	210	<5	<0.05	<5	80	10	<0.05	10	<5	7	<100
W636338		<5	0.44	50	0.07	500	<5	<0.05	16	140	10	<0.05	<10	<5	9	<100
W636339		<5	0.52	<50	0.06	550	<5	<0.05	11	120	<10	<0.05	10	<5	12	<100
W636340		<5	0.54	<50	0.08	490	<5	<0.05	12	90	10	<0.05	<10	<5	11	<100
W636341		<5	0.81	<50	0.65	450	<5	<0.05	26	130	<10	<0.05	10	5	15	<100
W636342		<5	1.15	<50	1.04	750	<5	<0.05	41	140	<10	<0.05	20	10	19	<100
W636343		<5	0.29	<50	0.10	280	<5	<0.05	9	120	10	<0.05	10	<5	12	<100
W636344		<5	0.20	<50	<0.05	110	<5	<0.05	<5	110	10	<0.05	10	<5	12	<100
W636345		<5	0.27	<50	<0.05	280	<5	<0.05	11	120	20	<0.05	10	<5	11	<100
W636346		<5	0.13	<50	<0.05	70	<5	<0.05	<5	70	20	<0.05	20	<5	11	<100
W636347		<5	0.16	<50	<0.05	90	<5	<0.05	<5	90	<10	<0.05	10	<5	13	<100
W636348		<5	0.52	<50	0.10	1070	<5	<0.05	5	1480	3460	0.45	40	5	169	<100
W636349		<5	0.15	<50	<0.05	90	<5	<0.05	<5	90	10	<0.05	10	<5	10	<100
W636350		<5	0.20	<50	<0.05	60	<5	<0.05	<5	80	10	<0.05	<10	<5	17	<100
W636351		<5	0.20	<50	<0.05	50	<5	<0.05	<5	60	<10	<0.05	10	<5	12	<100
W636352		<5	0.26	<50	<0.05	90	<5	<0.05	<5	80	<10	<0.05	10	<5	14	<100
W636353		<5	0.32	<50	<0.05	180	<5	<0.05	6	100	10	<0.05	10	<5	69	<100
W636354		<5	0.24	<50	<0.05	140	<5	<0.05	<5	80	<10	<0.05	10	<5	38	<100
W636355		<5	0.23	<50	<0.05	160	<5	<0.05	<5	110	20	<0.05	10	<5	27	<100
W636356		<5	0.19	<50	<0.05	120	<5	<0.05	<5	50	20	<0.05	10	<5	21	<100
W636357		<5	0.22	<50	<0.05	340	<5	<0.05	16	150	30	<0.05	20	<5	21	<100
W636358		<5	0.22	<50	0.05	260	<5	<0.05	10	210	10	<0.05	10	<5	15	<100
W636359		<5	0.56	<50	1.20	690	<5	<0.05	42	530	<10	<0.05	10	13	86	<100
W636360		<5	<0.05	<50	12.10	200	<5	<0.05	<5	200	<10	<0.05	10	<5	33	<100
W636361		<5	0.32	<50	0.06	130	<5	<0.05	<5	140	20	<0.05	10	<5	25	<100
W636362		<5	0.17	<50	0.68	690	<5	<0.05	21	300	<10	<0.05	10	9	50	<100
W636363		<5	0.20	<50	0.12	120	<5	<0.05	<5	80	10	<0.05	<10	<5	21	<100
W636364		<5	0.26	<50	<0.05	130	<5	<0.05	<5	130	20	<0.05	20	<5	18	<100



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CERTIFICATE OF ANALYSIS WH17183148

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636329		<0.05	<50	<50	<5	<50	<10
W636330		<0.05	<50	<50	<5	<50	<10
W636331		0.19	<50	<50	60	<50	40
W636332		<0.05	<50	<50	8	<50	10
W636333		0.21	<50	<50	52	<50	50
W636334		<0.05	<50	<50	18	<50	20
W636335		<0.05	<50	<50	<5	<50	10
W636336		<0.05	<50	<50	<5	<50	10
W636337		<0.05	<50	<50	<5	<50	10
W636338		<0.05	<50	<50	13	<50	30
W636339		<0.05	<50	<50	6	<50	10
W636340		<0.05	<50	<50	7	<50	20
W636341		0.09	<50	<50	28	<50	30
W636342		0.15	<50	<50	55	<50	50
W636343		<0.05	<50	<50	13	<50	30
W636344		<0.05	<50	<50	5	<50	20
W636345		<0.05	<50	<50	9	<50	30
W636346		<0.05	<50	<50	<5	<50	30
W636347		<0.05	<50	<50	<5	<50	20
W636348		<0.05	<50	<50	60	<50	2340
W636349		<0.05	<50	<50	<5	<50	20
W636350		<0.05	<50	<50	<5	<50	50
W636351		<0.05	<50	<50	<5	<50	10
W636352		<0.05	<50	<50	<5	<50	10
W636353		<0.05	<50	<50	<5	<50	10
W636354		<0.05	<50	<50	<5	<50	<10
W636355		<0.05	<50	<50	<5	<50	60
W636356		<0.05	<50	<50	<5	<50	90
W636357		<0.05	<50	<50	<5	<50	110
W636358		<0.05	<50	<50	12	<50	20
W636359		<0.05	<50	<50	77	<50	50
W636360		<0.05	<50	<50	<5	<50	10
W636361		<0.05	<50	<50	<5	<50	10
W636362		<0.05	<50	<50	55	<50	30
W636363		<0.05	<50	<50	<5	<50	10
W636364		<0.05	<50	<50	<5	<50	10



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Page: **Appendix 1**
Total # Appendix Pages: **1**
Finalized Date: **16-OCT-2017**
Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17183148

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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 Plus Appendix Pages
 Finalized Date: 4-OCT-2017
 Account: DEVARC

CERTIFICATE WH17186507

Project: Dan Man
 P.O. No.: 1006216-Batch 25
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186507

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W636365		2.98	<0.001	<1	0.41	40	<50	<5	<10	0.47	<5	<5	8	7	0.52	<50
W636366		3.38	<0.001	<1	0.43	40	<50	<5	<10	0.10	<5	<5	10	<5	0.60	<50
W636367		2.66	0.001	1	0.80	110	<50	<5	<10	1.13	<5	10	96	19	2.26	<50
W636368		3.12	0.003	<1	0.51	30	<50	<5	<10	<0.05	<5	<5	10	5	0.50	<50
W636369		3.06	0.054	1	0.67	80	<50	<5	<10	0.47	<5	7	28	9	1.72	<50
W636370		3.32	<0.001	<1	0.40	10	<50	<5	<10	0.09	<5	<5	12	<5	0.76	<50
W636371		0.32	1.135	1	0.65	240	110	<5	10	18.30	<5	5	29	82	2.53	<50
W636372		3.06	<0.001	<1	1.15	20	<50	<5	<10	0.17	<5	8	75	<5	2.37	<50
W636373		3.08	<0.001	<1	0.39	30	<50	<5	<10	<0.05	<5	<5	9	8	0.76	<50
W636374		2.76	<0.001	<1	0.35	<10	<50	<5	<10	<0.05	<5	<5	7	<5	0.57	<50
W636375		3.02	<0.001	1	0.69	30	<50	<5	<10	0.46	<5	6	51	<5	1.71	<50
W636376		2.88	<0.001	<1	0.64	10	<50	<5	<10	0.57	<5	<5	10	<5	1.34	<50
W636377		2.66	<0.001	<1	0.62	<10	<50	<5	<10	2.50	<5	<5	38	6	1.52	<50
W636378		3.50	<0.001	<1	0.40	20	<50	<5	<10	0.35	<5	<5	10	<5	0.73	<50
W636379		3.00	<0.001	<1	0.72	140	<50	<5	<10	3.90	<5	8	59	10	2.04	<50
W636380		2.70	0.001	<1	0.40	60	<50	<5	<10	0.05	<5	<5	10	<5	0.91	<50
W636381		2.38	<0.001	<1	1.12	110	50	<5	<10	0.85	<5	8	81	<5	2.06	<50
W636382		2.42	<0.001	<1	0.57	360	60	<5	10	0.18	<5	8	16	12	2.08	<50
W636383		2.44	<0.001	<1	0.43	40	50	<5	<10	0.07	<5	<5	12	<5	1.21	<50
W636384		2.66	<0.001	1	0.42	10	<50	<5	<10	0.05	<5	<5	10	<5	0.82	<50
W636385		2.02	<0.001	<1	0.56	20	<50	<5	<10	0.51	<5	<5	29	7	1.08	<50
W636386		2.82	<0.001	<1	0.42	10	<50	<5	<10	1.10	<5	<5	11	<5	0.49	<50
W636387		2.28	<0.001	<1	0.46	10	<50	<5	<10	0.05	<5	<5	8	7	0.50	<50
W636388		2.96	<0.001	<1	0.40	10	50	<5	<10	0.10	<5	<5	9	6	0.92	<50
W636389		2.64	<0.001	1	2.24	10	160	<5	<10	3.09	<5	20	115	33	3.59	<50
W636390		2.36	<0.001	<1	<0.05	<10	<50	<5	<10	21.3	<5	<5	<5	<5	0.50	<50
W636391		2.68	<0.001	<1	1.27	<10	90	<5	<10	1.14	<5	7	57	8	2.47	<50
W636392		2.20	<0.001	<1	0.64	20	170	<5	<10	0.85	<5	<5	7	8	0.58	<50
W636393		2.76	<0.001	<1	0.46	20	<50	<5	<10	0.97	<5	<5	9	<5	0.53	<50
W636394		2.70	<0.001	<1	0.54	20	<50	<5	<10	1.44	<5	<5	9	<5	0.61	<50
W636395		2.32	<0.001	<1	0.53	10	<50	<5	<10	0.27	<5	<5	8	<5	0.47	<50
W636396		3.02	<0.001	1	0.23	20	<50	<5	<10	<0.05	<5	<5	18	5	0.55	<50
W636397		2.62	<0.001	<1	0.53	<10	70	<5	<10	0.06	<5	<5	10	<5	0.68	<50
W636398		2.22	<0.001	<1	0.54	10	50	<5	<10	2.89	<5	7	11	11	0.64	<50
W636399		2.34	<0.001	1	0.65	10	70	<5	<10	2.37	<5	<5	11	10	0.70	<50
W636400		2.80	<0.001	<1	0.60	<10	70	<5	10	2.35	<5	<5	19	<5	0.88	<50



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 Finalized Date: 4-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186507

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636365		<5	0.22	<50	<0.05	100	<5	<0.05	6	50	20	<0.05	<10	<5	8	<100
W636366		<5	0.22	<50	<0.05	140	<5	<0.05	<5	70	20	<0.05	<10	<5	8	<100
W636367		<5	0.19	<50	0.12	370	<5	<0.05	20	310	20	<0.05	10	13	14	<100
W636368		<5	0.20	<50	<0.05	70	<5	<0.05	<5	70	<10	<0.05	<10	<5	7	<100
W636369		<5	0.24	<50	0.13	260	<5	<0.05	9	150	20	<0.05	<10	<5	9	<100
W636370		<5	0.19	<50	0.06	100	<5	<0.05	<5	60	<10	<0.05	<10	<5	7	<100
W636371		<5	0.22	<50	3.15	1760	74	<0.05	80	1150	20	0.90	<10	<5	192	<100
W636372		<5	0.46	<50	0.70	210	<5	<0.05	19	360	10	<0.05	10	7	9	<100
W636373		<5	0.19	<50	<0.05	100	<5	<0.05	8	50	20	<0.05	<10	<5	<5	<100
W636374		<5	0.19	<50	<0.05	60	<5	<0.05	<5	<50	10	<0.05	<10	<5	6	<100
W636375		<5	0.26	<50	0.21	230	<5	<0.05	9	180	10	<0.05	<10	5	10	<100
W636376		<5	0.15	<50	0.06	290	<5	<0.05	6	50	20	<0.05	<10	<5	15	<100
W636377		<5	0.27	<50	0.22	200	6	<0.05	10	200	20	<0.05	<10	6	39	<100
W636378		<5	0.20	<50	<0.05	140	<5	0.05	<5	<50	10	<0.05	<10	<5	7	<100
W636379		<5	0.32	<50	0.29	380	<5	<0.05	21	180	20	0.11	<10	9	67	<100
W636380		<5	0.20	<50	<0.05	160	<5	<0.05	<5	<50	20	<0.05	<10	<5	6	<100
W636381		<5	0.39	<50	0.45	400	<5	<0.05	23	430	10	<0.05	<10	9	24	<100
W636382		<5	0.05	<50	<0.05	300	<5	<0.05	16	140	20	<0.05	<10	<5	17	<100
W636383		<5	<0.05	<50	0.05	240	<5	0.07	9	<50	20	<0.05	<10	<5	11	<100
W636384		<5	0.17	<50	0.05	110	<5	<0.05	<5	60	<10	<0.05	<10	<5	7	<100
W636385		<5	0.29	<50	0.17	170	<5	0.05	7	120	10	<0.05	<10	<5	7	<100
W636386		<5	0.18	<50	<0.05	120	<5	0.05	7	60	10	<0.05	<10	<5	30	<100
W636387		<5	0.26	<50	<0.05	100	<5	<0.05	<5	80	10	<0.05	<10	<5	9	<100
W636388		<5	0.27	<50	0.05	140	<5	<0.05	<5	90	<10	<0.05	<10	<5	5	<100
W636389		<5	1.64	<50	1.86	680	<5	<0.05	44	840	90	0.09	<10	9	84	<100
W636390		<5	<0.05	<50	11.90	220	<5	<0.05	<5	130	1020	<0.05	<10	<5	29	<100
W636391		<5	0.76	<50	0.93	500	<5	<0.05	20	370	10	<0.05	<10	7	18	<100
W636392		<5	0.43	<50	0.05	230	<5	<0.05	<5	80	20	<0.05	<10	<5	38	<100
W636393		<5	0.26	<50	0.10	180	<5	<0.05	<5	100	20	<0.05	<10	<5	27	<100
W636394		<5	0.22	<50	<0.05	160	<5	<0.05	<5	90	<10	<0.05	10	<5	51	<100
W636395		<5	0.24	<50	<0.05	110	<5	<0.05	<5	<50	<10	<0.05	<10	<5	15	<100
W636396		<5	0.16	<50	<0.05	160	<5	<0.05	5	<50	<10	<0.05	<10	<5	<5	<100
W636397		<5	0.33	50	0.06	230	<5	<0.05	5	140	<10	<0.05	<10	<5	10	<100
W636398		<5	0.41	<50	0.06	330	<5	<0.05	6	170	10	<0.05	<10	<5	43	<100
W636399		<5	0.45	<50	0.06	280	<5	<0.05	5	210	10	<0.05	<10	<5	34	<100
W636400		<5	0.35	<50	0.21	220	<5	<0.05	8	80	<10	<0.05	<10	<5	35	<100



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 Total # Pages: 2 (A - C)
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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186507

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636365		<0.05	<50	<50	<5	<50	10
W636366		<0.05	<50	<50	<5	<50	10
W636367		<0.05	<50	<50	74	<50	60
W636368		<0.05	<50	<50	<5	<50	<10
W636369		<0.05	<50	<50	20	<50	60
W636370		<0.05	<50	<50	6	<50	10
W636371		<0.05	<50	<50	183	<50	450
W636372		0.05	<50	<50	52	<50	50
W636373		<0.05	<50	<50	<5	<50	10
W636374		<0.05	<50	<50	<5	<50	20
W636375		<0.05	<50	<50	34	<50	20
W636376		<0.05	<50	<50	6	<50	50
W636377		<0.05	<50	<50	33	<50	30
W636378		<0.05	<50	<50	<5	<50	20
W636379		<0.05	<50	<50	42	<50	50
W636380		<0.05	<50	<50	<5	<50	30
W636381		<0.05	<50	<50	37	<50	40
W636382		<0.05	<50	<50	13	<50	10
W636383		<0.05	<50	<50	8	<50	50
W636384		<0.05	<50	<50	<5	<50	30
W636385		<0.05	<50	<50	14	<50	20
W636386		<0.05	<50	<50	<5	<50	10
W636387		<0.05	<50	<50	<5	<50	10
W636388		<0.05	<50	<50	<5	<50	10
W636389		0.28	<50	<50	79	<50	60
W636390		<0.05	<50	<50	<5	<50	20
W636391		0.08	<50	<50	50	<50	40
W636392		<0.05	<50	<50	<5	<50	10
W636393		<0.05	<50	<50	<5	<50	10
W636394		<0.05	<50	<50	<5	<50	10
W636395		<0.05	<50	<50	<5	<50	30
W636396		<0.05	<50	<50	<5	<50	10
W636397		<0.05	<50	<50	<5	<50	10
W636398		<0.05	<50	<50	<5	<50	10
W636399		<0.05	<50	<50	6	<50	10
W636400		<0.05	<50	<50	8	<50	10



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Total # Appendix Pages: **1**
Finalized Date: **4-OCT-2017**
Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186507

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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 Plus Appendix Pages
 Finalized Date: 3-OCT-2017
 Account: DEVARC

CERTIFICATE WH17186521

Project: Dan man
 P.O. No.: 1006216-Batch 26
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Account: DEVARC

Project: Dan man

CERTIFICATE OF ANALYSIS WH17186521

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W636401		2.44	<0.001	<1	0.56	<10	50	<5	<10	1.96	<5	<5	10	13	0.79	<50
W636402		2.56	<0.001	<1	0.93	<10	60	<5	10	2.81	<5	<5	42	9	1.52	<50
W636403		0.32	1.310	33	1.13	520	650	<5	<10	0.27	31	6	14	138	5.44	<50
W636404		2.54	<0.001	<1	0.31	<10	<50	<5	<10	<0.05	<5	<5	13	5	0.63	<50
W636405		2.44	<0.001	<1	3.50	<10	390	<5	<10	3.93	<5	26	149	37	4.85	<50
W636406		2.12	<0.001	1	3.00	<10	490	<5	<10	4.29	<5	24	80	21	4.96	<50
W636407		2.28	<0.001	1	0.38	<10	<50	<5	<10	1.49	<5	<5	11	<5	0.56	<50
W636408		2.56	<0.001	1	0.40	<10	50	<5	<10	0.77	<5	<5	9	<5	0.51	<50
W636409		2.38	<0.001	<1	0.37	<10	<50	<5	<10	0.92	<5	<5	9	<5	0.44	<50
W636410		2.22	<0.001	<1	0.51	<10	50	<5	<10	2.37	<5	<5	14	11	0.86	<50
W636411		2.00	<0.001	<1	1.94	<10	190	<5	<10	2.54	<5	12	82	16	2.76	<50
W636412		1.84	0.001	1	0.54	<10	<50	<5	<10	0.90	<5	<5	21	13	1.16	<50
W636413		1.78	<0.001	<1	0.53	30	<50	<5	<10	1.76	<5	<5	12	5	1.05	<50
W636414		1.96	<0.001	<1	0.80	20	50	<5	<10	1.43	<5	<5	18	5	1.23	<50
W636415		2.02	<0.001	<1	0.38	<10	<50	<5	<10	0.19	<5	<5	11	7	0.56	<50
W636416		2.20	<0.001	1	0.42	<10	50	<5	<10	1.09	<5	<5	11	<5	0.55	<50
W636417		2.48	<0.001	1	0.39	<10	70	<5	<10	0.57	<5	<5	12	<5	0.72	<50
W636418		2.36	<0.001	<1	0.38	<10	60	<5	<10	0.60	<5	<5	13	<5	0.78	<50
W636419		2.54	<0.001	<1	0.61	<10	80	<5	<10	1.80	<5	<5	13	5	1.04	<50
W636420		2.50	0.001	<1	0.35	<10	<50	<5	<10	0.55	<5	<5	13	8	0.88	<50
W636421		3.02	<0.001	1	0.33	<10	60	<5	10	0.05	<5	<5	14	<5	0.68	<50
W636422		3.10	<0.001	<1	0.32	<10	<50	<5	<10	2.22	<5	<5	15	<5	1.09	<50
W636423		2.30	<0.001	<1	<0.05	<10	<50	<5	<10	20.9	<5	<5	<5	<5	0.45	<50
W636424		2.80	<0.001	1	0.62	<10	70	<5	<10	2.27	<5	<5	24	13	1.23	<50
W636425		2.44	<0.001	<1	1.99	<10	190	<5	<10	2.66	<5	12	85	14	2.61	<50
W636426		2.98	<0.001	<1	0.28	<10	<50	<5	<10	0.49	<5	<5	12	<5	0.41	<50
W636427		2.54	<0.001	<1	0.40	<10	<50	<5	<10	1.68	<5	<5	10	<5	0.68	<50
W636428		2.40	<0.001	<1	1.03	<10	<50	<5	<10	2.83	<5	7	52	5	1.68	<50
W636429		2.48	<0.001	1	0.39	<10	<50	<5	<10	0.70	<5	<5	10	<5	0.53	<50
W636430		2.98	<0.001	1	0.38	<10	<50	<5	<10	0.59	<5	<5	9	5	0.44	<50
W636431		2.62	<0.001	<1	0.31	<10	<50	<5	<10	0.96	<5	<5	11	<5	0.52	<50
W636432		2.60	<0.001	<1	0.31	<10	<50	<5	<10	1.02	<5	<5	11	<5	0.74	<50
W636433		2.84	<0.001	1	0.92	<10	90	<5	<10	2.46	<5	10	55	6	1.92	<50
W636434		2.70	0.001	1	0.29	<10	<50	<5	<10	0.89	<5	<5	13	7	0.83	<50
W636435		2.36	<0.001	<1	2.12	<10	130	<5	<10	2.99	<5	17	125	10	3.26	<50
W636436		2.58	<0.001	<1	1.71	<10	110	<5	<10	2.69	<5	13	78	14	2.69	<50



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Project: Dan man

CERTIFICATE OF ANALYSIS WH17186521

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636401		<5	0.21	<50	0.10	190	<5	<0.05	10	100	10	<0.05	20	<5	33	<100
W636402		<5	0.53	<50	0.47	360	<5	<0.05	20	270	10	<0.05	10	<5	51	<100
W636403		8	0.48	<50	0.09	1060	8	<0.05	9	1450	3320	0.44	40	<5	153	<100
W636404		5	0.17	<50	0.05	90	<5	<0.05	<5	50	10	<0.05	10	<5	9	<100
W636405		<5	2.75	<50	3.30	1110	<5	<0.05	59	650	10	<0.05	10	16	58	<100
W636406		<5	2.49	<50	2.45	930	<5	<0.05	35	1210	10	0.25	10	17	79	<100
W636407		5	0.26	<50	0.05	120	<5	<0.05	6	70	10	<0.05	<10	<5	18	<100
W636408		<5	0.23	<50	0.06	130	<5	<0.05	<5	60	<10	<0.05	<10	<5	20	<100
W636409		<5	0.19	<50	<0.05	100	<5	<0.05	<5	<50	10	<0.05	10	<5	27	<100
W636410		5	0.25	<50	0.19	200	<5	<0.05	13	110	10	<0.05	20	<5	44	<100
W636411		<5	1.50	<50	1.51	570	<5	<0.05	33	480	10	<0.05	10	8	50	<100
W636412		<5	0.17	<50	0.15	160	<5	<0.05	6	90	10	<0.05	<10	<5	18	<100
W636413		<5	0.19	<50	0.15	130	<5	<0.05	7	80	10	<0.05	<10	<5	23	<100
W636414		<5	0.19	<50	0.20	180	<5	<0.05	6	90	10	<0.05	20	<5	22	<100
W636415		<5	0.16	<50	0.06	70	<5	<0.05	<5	80	10	<0.05	<10	<5	14	<100
W636416		<5	0.22	<50	<0.05	80	<5	<0.05	6	60	10	<0.05	10	<5	18	<100
W636417		<5	0.25	<50	0.05	100	<5	<0.05	<5	70	<10	<0.05	10	<5	16	<100
W636418		<5	0.16	<50	0.05	70	<5	0.06	5	50	10	<0.05	10	<5	17	<100
W636419		<5	0.36	<50	0.10	180	<5	<0.05	14	110	10	<0.05	10	<5	21	<100
W636420		<5	0.18	<50	0.05	80	<5	<0.05	5	50	10	<0.05	<10	<5	16	<100
W636421		<5	0.26	<50	<0.05	110	<5	0.05	<5	60	10	<0.05	10	<5	9	<100
W636422		<5	0.08	<50	0.06	170	<5	<0.05	6	<50	10	<0.05	<10	<5	21	<100
W636423		<5	<0.05	<50	11.75	210	<5	<0.05	<5	180	<10	<0.05	20	<5	49	<100
W636424		<5	0.34	<50	0.43	250	<5	<0.05	9	120	<10	<0.05	<10	<5	35	<100
W636425		<5	1.60	<50	1.69	580	<5	<0.05	37	350	<10	0.05	10	9	40	<100
W636426		<5	0.17	<50	<0.05	60	<5	0.07	<5	<50	10	<0.05	<10	<5	13	<100
W636427		<5	0.13	<50	0.20	120	<5	<0.05	<5	<50	10	<0.05	10	<5	21	<100
W636428		<5	0.69	<50	0.77	420	<5	<0.05	18	220	<10	0.09	<10	6	50	<100
W636429		5	0.15	<50	<0.05	70	<5	<0.05	<5	<50	10	<0.05	20	<5	12	<100
W636430		<5	0.23	<50	<0.05	70	<5	0.06	<5	<50	<10	<0.05	10	<5	13	<100
W636431		<5	0.12	<50	<0.05	80	<5	0.06	<5	50	<10	<0.05	<10	<5	16	<100
W636432		<5	0.19	<50	<0.05	110	<5	0.05	<5	<50	10	0.08	<10	<5	18	<100
W636433		<5	0.59	<50	0.69	440	<5	0.05	20	260	10	<0.05	<10	8	26	<100
W636434		<5	0.08	<50	0.05	110	<5	0.07	<5	<50	<10	<0.05	<10	<5	20	<100
W636435		<5	1.80	<50	2.05	740	<5	<0.05	36	290	10	<0.05	<10	13	37	<100
W636436		<5	1.45	<50	1.55	560	<5	<0.05	37	310	10	0.18	<10	8	44	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636401		<0.05	<50	<50	<5	<50	<10
W636402		0.05	<50	<50	18	<50	10
W636403		<0.05	<50	<50	57	<50	2300
W636404		<0.05	<50	<50	<5	<50	<10
W636405		0.32	<50	<50	115	<50	60
W636406		0.28	<50	<50	112	<50	60
W636407		<0.05	<50	<50	<5	<50	<10
W636408		<0.05	<50	<50	<5	<50	<10
W636409		<0.05	<50	<50	<5	<50	<10
W636410		<0.05	<50	<50	<5	<50	<10
W636411		0.15	<50	<50	49	<50	30
W636412		<0.05	<50	<50	7	<50	10
W636413		<0.05	<50	<50	<5	<50	<10
W636414		<0.05	<50	<50	8	<50	10
W636415		<0.05	<50	<50	<5	<50	<10
W636416		<0.05	<50	<50	<5	<50	<10
W636417		<0.05	<50	<50	<5	<50	<10
W636418		<0.05	<50	<50	<5	<50	<10
W636419		<0.05	<50	<50	5	<50	10
W636420		<0.05	<50	<50	<5	<50	<10
W636421		<0.05	<50	<50	<5	<50	<10
W636422		<0.05	<50	<50	5	<50	10
W636423		<0.05	<50	<50	<5	<50	<10
W636424		<0.05	<50	<50	13	<50	20
W636425		0.13	<50	<50	51	<50	20
W636426		<0.05	<50	<50	<5	<50	<10
W636427		<0.05	<50	<50	<5	<50	<10
W636428		0.05	<50	<50	28	<50	10
W636429		<0.05	<50	<50	<5	<50	<10
W636430		<0.05	<50	<50	<5	<50	<10
W636431		<0.05	<50	<50	<5	<50	<10
W636432		<0.05	<50	<50	<5	<50	<10
W636433		0.05	<50	<50	42	<50	20
W636434		<0.05	<50	<50	5	<50	<10
W636435		0.15	<50	<50	68	<50	50
W636436		0.12	<50	<50	40	<50	20



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Project: Dan man

CERTIFICATE OF ANALYSIS WH17186521

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17186526

Project: Dan Man
 P.O. No.: 1006216-Batch 27
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

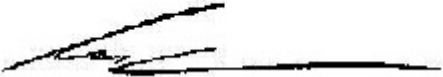
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41a Ag ppm	ME-ICP41a Al %	ME-ICP41a As ppm	ME-ICP41a Ba ppm	ME-ICP41a Be ppm	ME-ICP41a Bi ppm	ME-ICP41a Ca %	ME-ICP41a Cd ppm	ME-ICP41a Co ppm	ME-ICP41a Cr ppm	ME-ICP41a Cu ppm	ME-ICP41a Fe %	ME-ICP41a Ga ppm
	0.02	0.001	1	0.05	10	50	5	10	0.05	5	5	5	5	0.05	50
W636437	2.28	<0.001	<1	1.06	20	90	<5	<10	3.96	<5	11	43	8	2.25	<50
W636438	2.34	<0.001	2	0.28	10	<50	<5	10	0.30	<5	<5	13	8	0.79	<50
W636439	2.60	<0.001	1	0.70	<10	<50	<5	10	0.38	<5	7	28	<5	1.46	<50
W636440	2.64	<0.001	1	0.35	20	<50	<5	10	0.25	<5	<5	14	9	0.83	<50
W636441	2.64	<0.001	1	0.74	<10	<50	<5	10	1.24	<5	7	38	<5	1.53	<50
W636442	2.94	<0.001	1	0.49	20	50	<5	10	1.36	<5	<5	26	5	1.17	<50
W636443	2.72	<0.001	2	0.64	10	60	<5	<10	1.69	<5	<5	19	7	0.76	<50
W636444	2.82	<0.001	1	0.50	10	<50	<5	10	0.30	<5	<5	17	5	0.77	<50
W636445	2.98	<0.001	1	0.41	10	<50	<5	<10	0.38	<5	5	12	<5	0.57	<50
W636446	2.12	<0.001	1	0.63	10	90	<5	10	0.63	<5	<5	11	<5	0.54	<50
W636447	2.38	<0.001	1	1.76	20	150	<5	10	2.86	<5	8	83	14	2.65	<50
W636448	2.66	<0.001	1	2.17	30	280	<5	<10	3.06	<5	12	58	<5	3.16	<50
W636449	0.32	1.150	2	0.58	260	110	<5	10	17.95	<5	6	27	80	2.45	<50
W636450	3.02	<0.001	<1	0.97	10	90	<5	<10	3.12	<5	7	23	<5	2.24	<50
W636451	2.54	<0.001	1	0.55	10	<50	<5	10	0.98	<5	<5	11	6	1.27	<50
W636452	2.12	<0.001	1	2.16	<10	210	<5	<10	3.61	<5	18	147	12	3.39	<50
W636453	2.90	<0.001	1	2.43	10	380	<5	<10	4.25	<5	22	158	5	3.86	<50
W636454	2.16	0.001	1	0.77	20	100	<5	10	0.23	<5	<5	19	12	1.41	<50
W636455	2.28	<0.001	1	0.70	20	90	<5	<10	0.23	<5	<5	15	10	1.25	<50
W636456	2.16	<0.001	1	0.84	10	90	<5	<10	0.35	<5	7	24	17	1.51	<50
W636457	2.86	<0.001	1	2.14	10	160	<5	<10	2.69	<5	15	105	15	2.83	<50
W636458	2.38	<0.001	<1	1.63	20	160	<5	<10	1.70	<5	8	80	9	2.54	<50
W636459	2.74	<0.001	1	2.47	<10	420	<5	10	2.00	<5	17	125	7	3.29	<50
W636460	2.02	<0.001	<1	1.98	10	320	<5	10	2.05	<5	15	94	18	2.54	<50
W636461	2.12	0.002	1	2.70	<10	300	<5	10	3.75	<5	21	189	11	3.46	<50
W636462	2.64	<0.001	1	2.08	10	190	<5	<10	3.54	<5	14	110	6	3.15	<50
W636463	2.34	0.012	1	1.45	<10	320	<5	20	2.09	<5	5	34	<5	1.95	<50
W636464	2.86	<0.001	1	0.91	10	140	<5	<10	1.94	<5	6	23	7	1.40	<50
W636465	2.62	<0.001	2	0.35	10	<50	<5	10	0.05	<5	<5	9	6	0.65	<50
W636466	2.36	0.001	<1	0.05	10	<50	<5	<10	21.6	<5	<5	<5	<5	0.47	<50
W636467	2.88	<0.001	1	0.35	<10	<50	<5	<10	0.18	<5	<5	8	6	0.49	<50
W636468	2.78	<0.001	1	0.34	10	<50	<5	<10	0.10	<5	<5	10	<5	0.44	<50
W636469	2.84	<0.001	2	0.76	10	110	<5	<10	0.47	<5	5	21	<5	1.12	<50
W636470	2.54	<0.001	2	2.77	<10	500	<5	10	3.55	<5	25	100	27	3.98	<50
W636471	2.52	<0.001	2	0.98	<10	110	<5	10	1.90	<5	<5	15	5	1.60	<50
W636472	2.62	<0.001	1	2.29	10	540	<5	<10	1.10	<5	15	34	13	3.31	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636437		<5	0.75	<50	0.91	500	<5	<0.05	18	180	<10	<0.05	10	6	32	<100
W636438		<5	0.13	<50	0.05	80	<5	0.07	5	<50	<10	<0.05	<10	<5	10	<100
W636439		<5	0.48	<50	0.29	130	5	<0.05	6	110	<10	0.11	10	<5	10	<100
W636440		<5	0.16	<50	<0.05	80	<5	0.08	<5	<50	<10	<0.05	10	<5	13	<100
W636441		<5	0.51	<50	0.45	230	<5	0.05	18	300	<10	0.14	<10	<5	24	<100
W636442		<5	0.27	<50	0.26	230	<5	0.07	<5	180	20	<0.05	<10	<5	30	<100
W636443		<5	0.41	<50	0.28	170	<5	0.06	<5	80	<10	<0.05	<10	<5	49	<100
W636444		<5	0.24	<50	<0.05	130	<5	0.07	<5	<50	<10	<0.05	<10	<5	13	<100
W636445		<5	0.17	<50	<0.05	80	<5	0.09	<5	<50	<10	<0.05	<10	<5	9	<100
W636446		<5	0.39	<50	0.06	100	<5	0.06	<5	<50	<10	<0.05	10	<5	18	<100
W636447		<5	1.28	<50	1.53	400	<5	0.05	37	210	10	0.06	<10	14	44	<100
W636448		<5	1.54	<50	1.67	590	<5	0.05	22	260	10	0.06	<10	14	41	<100
W636449		<5	0.21	<50	3.15	1710	71	<0.05	74	1050	20	0.91	20	<5	177	<100
W636450		<5	0.51	<50	0.89	440	<5	0.05	5	180	<10	0.06	<10	7	48	<100
W636451		<5	0.18	<50	0.14	150	<5	0.07	<5	130	<10	<0.05	<10	<5	26	<100
W636452		<5	1.25	<50	1.93	720	<5	0.05	59	640	10	0.10	<10	15	75	<100
W636453		<5	1.34	<50	2.94	880	<5	0.13	74	410	10	0.10	<10	13	92	<100
W636454		<5	0.21	<50	0.21	230	<5	<0.05	9	270	<10	<0.05	<10	<5	13	<100
W636455		<5	0.20	<50	0.18	210	<5	0.05	9	250	<10	<0.05	<10	<5	22	<100
W636456		<5	0.25	<50	0.35	270	<5	0.05	19	310	10	<0.05	10	<5	17	<100
W636457		<5	0.73	<50	1.98	600	<5	0.21	38	430	<10	<0.05	10	13	34	<100
W636458		<5	0.70	<50	1.32	410	5	0.09	37	250	10	<0.05	<10	10	22	<100
W636459		<5	1.62	<50	2.25	590	<5	0.08	53	350	<10	<0.05	<10	13	18	<100
W636460		<5	1.14	<50	1.47	640	<5	<0.05	42	450	<10	<0.05	<10	7	20	<100
W636461		<5	1.27	<50	2.65	820	<5	0.11	90	560	<10	<0.05	10	11	44	<100
W636462		<5	0.82	<50	1.97	620	<5	0.15	45	600	<10	0.06	10	11	47	<100
W636463		<5	1.04	<50	1.02	430	<5	0.05	18	380	10	<0.05	<10	5	40	<100
W636464		<5	0.57	<50	0.44	330	<5	<0.05	9	310	10	<0.05	<10	<5	20	<100
W636465		<5	0.15	<50	<0.05	50	<5	0.13	<5	<50	<10	<0.05	<10	<5	10	<100
W636466		5	<0.05	<50	12.15	220	<5	<0.05	<5	100	<10	<0.05	<10	<5	33	<100
W636467		<5	0.14	<50	0.06	60	<5	0.14	<5	<50	20	<0.05	<10	<5	11	<100
W636468		<5	0.13	<50	0.07	70	<5	0.12	<5	<50	<10	<0.05	10	<5	5	<100
W636469		<5	0.34	<50	0.50	180	<5	0.13	5	90	<10	<0.05	<10	<5	13	<100
W636470		<5	1.75	<50	2.52	720	<5	0.05	50	870	<10	0.05	10	9	66	<100
W636471		<5	0.52	<50	0.72	260	<5	0.09	5	340	10	<0.05	<10	5	27	<100
W636472		<5	1.69	<50	1.71	790	<5	0.06	10	960	<10	<0.05	<10	7	41	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636437		0.05	<50	<50	32	<50	30
W636438		<0.05	<50	<50	<5	<50	10
W636439		<0.05	<50	<50	10	<50	20
W636440		<0.05	<50	<50	<5	<50	10
W636441		<0.05	<50	<50	19	<50	20
W636442		<0.05	<50	<50	11	<50	20
W636443		<0.05	<50	<50	9	<50	10
W636444		<0.05	<50	<50	<5	<50	10
W636445		<0.05	<50	<50	<5	<50	<10
W636446		<0.05	<50	<50	<5	<50	<10
W636447		0.11	<50	<50	84	<50	40
W636448		0.16	<50	<50	105	<50	50
W636449		<0.05	<50	<50	171	<50	420
W636450		0.05	<50	<50	46	<50	30
W636451		<0.05	<50	<50	6	<50	20
W636452		0.09	<50	<50	76	<50	40
W636453		0.22	<50	<50	116	<50	40
W636454		0.06	<50	<50	25	<50	20
W636455		0.05	<50	<50	19	<50	20
W636456		0.07	<50	<50	26	<50	30
W636457		0.31	<50	<50	99	<50	30
W636458		0.13	<50	<50	53	<50	30
W636459		0.24	<50	<50	92	<50	30
W636460		0.14	<50	<50	50	<50	30
W636461		0.26	<50	<50	101	<50	40
W636462		0.38	<50	<50	109	<50	30
W636463		0.10	<50	<50	39	<50	30
W636464		<0.05	<50	<50	21	<50	20
W636465		<0.05	<50	<50	<5	<50	10
W636466		<0.05	<50	<50	<5	<50	20
W636467		<0.05	<50	<50	<5	<50	<10
W636468		<0.05	<50	<50	<5	<50	<10
W636469		0.09	<50	<50	27	<50	10
W636470		0.30	<50	<50	93	<50	60
W636471		0.06	<50	<50	29	<50	10
W636472		0.20	<50	<50	60	<50	50



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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Project: Dan Man
 P.O. No.: 1006216-Batch 28
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W636473		2.64	<0.001	1	0.87	<10	80	<5	10	0.18	<5	<5	15	<5	1.11	<50
W636474		2.44	<0.001	1	0.83	10	100	<5	<10	0.16	<5	<5	14	7	1.34	<50
W636475		2.38	<0.001	2	1.03	20	90	<5	10	0.14	<5	<5	13	<5	1.21	<50
W636476		2.42	<0.001	1	1.14	<10	150	<5	10	0.21	<5	9	13	9	1.63	<50
W636477		2.54	<0.001	1	1.93	10	250	<5	10	1.24	<5	16	69	32	2.65	<50
W636478		2.68	<0.001	1	2.29	10	240	<5	<10	2.24	<5	18	74	25	2.67	<50
W636479		2.28	0.004	1	1.33	10	140	<5	<10	1.67	<5	9	28	7	1.92	<50
W636480		2.80	<0.001	1	1.39	<10	120	<5	10	0.85	<5	6	43	8	1.91	<50
W636481		2.70	0.001	1	3.11	<10	210	<5	<10	1.58	<5	23	192	6	4.49	<50
W636482		2.98	<0.001	1	2.24	<10	130	<5	20	2.36	<5	14	148	6	2.87	<50
W636483		2.78	<0.001	1	1.69	10	110	<5	<10	1.54	<5	11	98	29	2.44	<50
W636484		2.62	<0.001	1	3.21	20	110	<5	<10	3.06	<5	19	162	7	4.72	<50
W636485		3.08	<0.001	1	2.89	20	120	<5	<10	2.88	<5	17	139	8	3.73	<50
W636486		2.58	<0.001	1	0.96	10	100	<5	10	1.27	<5	<5	19	13	1.48	<50
W636487		3.04	<0.001	1	1.28	10	190	<5	<10	2.06	<5	6	15	11	2.14	<50
W636488		0.32	1.335	31	1.25	520	650	<5	<10	0.27	31	<5	13	135	5.31	<50
W636489		2.84	<0.001	1	1.12	<10	120	<5	10	1.62	<5	7	16	6	1.80	<50
W636490		2.36	<0.001	1	1.30	10	160	<5	10	1.61	<5	7	18	6	1.95	<50
W636491		2.78	<0.001	1	1.22	<10	150	<5	<10	1.08	<5	7	35	8	1.81	<50
W636492		3.08	<0.001	1	1.26	10	180	<5	<10	1.37	<5	8	22	5	1.84	<50
W636493		2.78	<0.001	1	1.54	20	330	<5	<10	1.11	<5	9	18	12	2.40	<50
W636494		2.92	<0.001	<1	1.78	<10	170	<5	<10	1.20	<5	8	33	16	2.34	<50
W636495		2.54	<0.001	1	2.98	<10	320	<5	10	2.69	<5	30	438	23	3.54	<50
W636496		2.78	<0.001	1	2.47	10	240	<5	<10	3.31	<5	24	243	15	3.33	<50
W636497		2.86	<0.001	1	1.41	<10	220	<5	<10	1.14	<5	9	15	11	1.93	<50
W636498		3.00	<0.001	1	1.44	10	140	<5	<10	0.85	<5	15	18	6	2.28	<50
W636499		2.96	<0.001	1	2.13	20	250	<5	10	2.21	<5	12	141	5	3.54	<50
W636500		2.72	<0.001	<1	1.96	<10	320	<5	20	2.14	<5	11	22	6	3.09	<50
W636501		3.04	<0.001	1	1.28	<10	100	<5	<10	0.58	<5	5	17	7	2.03	<50
W636502		3.00	0.002	2	1.14	80	60	<5	10	0.75	<5	7	18	19	1.99	<50
W636503		3.54	<0.001	1	0.52	<10	<50	<5	10	0.05	<5	<5	9	<5	0.67	<50
W636504		2.52	<0.001	1	0.59	20	<50	<5	<10	0.05	<5	<5	10	<5	0.83	<50
W636505		2.34	<0.001	1	<0.05	<10	<50	<5	10	21.1	<5	<5	<5	<5	0.43	<50
W636506		2.84	<0.001	1	0.74	<10	120	<5	10	0.91	<5	<5	9	<5	1.01	<50
W636507		2.70	<0.001	1	1.56	<10	120	<5	20	1.79	<5	14	35	7	2.55	<50
W636508		3.04	<0.001	<1	2.03	20	290	<5	<10	2.31	<5	17	56	17	2.74	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636473		<5	0.48	<50	0.47	160	<5	0.13	7	390	<10	<0.05	<10	<5	13	<100
W636474		<5	0.43	<50	0.47	120	<5	0.11	5	360	<10	<0.05	<10	<5	13	<100
W636475		<5	0.54	<50	0.55	190	<5	0.12	7	360	10	<0.05	<10	<5	13	<100
W636476		<5	0.71	<50	0.57	200	<5	0.09	8	430	10	<0.05	<10	<5	23	<100
W636477		<5	0.90	<50	1.51	460	<5	0.11	25	740	<10	<0.05	<10	6	46	<100
W636478		<5	0.97	<50	1.76	450	<5	0.07	45	820	<10	<0.05	<10	6	64	<100
W636479		<5	0.70	<50	0.81	460	<5	0.09	14	500	10	<0.05	<10	6	52	<100
W636480		<5	0.84	<50	0.97	320	<5	0.08	18	390	<10	<0.05	<10	9	30	<100
W636481		<5	2.26	<50	3.30	610	5	0.08	85	410	<10	<0.05	<10	9	76	<100
W636482		<5	1.05	<50	2.12	470	<5	0.20	57	500	<10	<0.05	<10	11	41	<100
W636483		<5	0.79	<50	1.48	360	<5	0.13	41	440	10	<0.05	<10	10	32	<100
W636484		<5	1.44	<50	3.53	800	<5	0.08	71	460	<10	<0.05	<10	16	48	<100
W636485		<5	1.35	<50	2.79	640	8	0.11	66	410	<10	<0.05	<10	13	64	<100
W636486		<5	0.50	<50	0.52	250	<5	0.10	8	330	<10	<0.05	<10	7	26	<100
W636487		<5	0.85	<50	0.67	340	11	0.09	9	640	<10	<0.05	10	7	22	<100
W636488		<5	0.52	<50	0.10	1030	<5	<0.05	<5	1420	3460	0.40	20	5	168	<100
W636489		<5	0.67	<50	0.53	260	14	0.06	8	480	10	<0.05	10	7	23	<100
W636490		<5	0.86	<50	0.60	280	<5	0.07	7	510	10	<0.05	<10	6	25	<100
W636491		<5	0.68	<50	0.79	210	9	0.09	19	490	<10	<0.05	<10	8	22	<100
W636492		<5	0.80	<50	0.83	240	<5	0.14	17	540	<10	<0.05	<10	7	32	<100
W636493		<5	1.03	<50	0.82	330	5	0.09	6	590	<10	<0.05	10	6	27	<100
W636494		6	0.72	<50	1.02	310	5	0.08	23	570	<10	<0.05	<10	8	49	<100
W636495		<5	2.03	<50	4.27	470	<5	0.19	247	500	<10	<0.05	<10	7	18	<100
W636496		<5	1.30	<50	2.72	690	<5	0.14	149	590	10	<0.05	<10	9	40	<100
W636497		<5	0.85	<50	0.78	240	<5	0.08	15	560	20	<0.05	<10	5	45	<100
W636498		<5	0.67	<50	0.79	230	5	0.12	12	670	<10	<0.05	<10	6	67	<100
W636499		<5	1.75	<50	1.81	500	6	0.05	47	430	<10	<0.05	10	13	35	<100
W636500		<5	1.17	<50	1.18	420	<5	0.07	11	840	<10	<0.05	<10	11	30	<100
W636501		<5	0.59	<50	0.54	160	<5	0.09	10	480	<10	<0.05	<10	8	16	<100
W636502		6	0.35	<50	0.20	560	<5	<0.05	19	140	10	<0.05	<10	5	33	<100
W636503		<5	0.10	<50	0.09	100	<5	0.06	<5	<50	<10	<0.05	<10	<5	13	<100
W636504		<5	0.13	<50	0.09	140	<5	0.07	<5	70	<10	<0.05	<10	<5	24	<100
W636505		<5	<0.05	<50	12.05	200	<5	<0.05	<5	180	10	<0.05	<10	<5	25	<100
W636506		<5	0.40	<50	0.16	290	<5	<0.05	<5	180	10	<0.05	10	<5	21	<100
W636507		<5	0.91	<50	0.82	510	<5	<0.05	14	720	<10	<0.05	10	8	23	<100
W636508		<5	1.34	<50	1.35	590	<5	<0.05	17	570	10	<0.05	<10	9	32	<100



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CERTIFICATE OF ANALYSIS WH17186527

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636473		0.06	<50	<50	21	<50	10
W636474		0.05	<50	<50	26	<50	10
W636475		0.05	<50	<50	25	<50	10
W636476		0.08	<50	<50	22	<50	40
W636477		0.32	<50	<50	56	<50	40
W636478		0.32	<50	<50	61	<50	40
W636479		0.06	<50	<50	33	<50	20
W636480		0.08	<50	<50	44	<50	20
W636481		0.34	<50	<50	97	<50	50
W636482		0.37	<50	<50	100	<50	20
W636483		0.25	<50	<50	69	<50	30
W636484		0.30	<50	<50	129	<50	60
W636485		0.28	<50	<50	105	<50	40
W636486		0.05	<50	<50	23	<50	20
W636487		0.10	<50	<50	28	<50	30
W636488		<0.05	<50	<50	59	<50	2290
W636489		0.07	<50	<50	26	<50	10
W636490		0.08	<50	<50	21	<50	20
W636491		0.10	<50	<50	34	<50	10
W636492		0.12	<50	<50	33	<50	10
W636493		0.15	<50	<50	30	<50	20
W636494		0.10	<50	<50	41	<50	30
W636495		0.16	<50	<50	73	<50	50
W636496		0.16	<50	<50	70	<50	50
W636497		0.11	<50	<50	22	<50	20
W636498		0.14	<50	<50	31	<50	20
W636499		0.18	<50	<50	79	<50	40
W636500		0.13	<50	<50	72	<50	40
W636501		0.06	<50	<50	30	<50	20
W636502		<0.05	<50	<50	26	<50	40
W636503		<0.05	<50	<50	<5	<50	10
W636504		<0.05	<50	<50	6	<50	10
W636505		<0.05	<50	<50	<5	<50	20
W636506		<0.05	<50	<50	7	<50	20
W636507		0.06	<50	<50	55	<50	50
W636508		0.13	<50	<50	58	<50	50



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CERTIFICATE OF ANALYSIS WH17186527

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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CERTIFICATE WH17186531

Project: DAN MAN
 P.O. No.: 1006216-Batch 29
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH17186531

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W636509		2.50	<0.001	<1	0.35	<10	<50	<5	<10	0.84	<5	<5	14	14	0.98	<50
W636510		2.98	<0.001	1	0.23	<10	<50	<5	<10	0.11	<5	<5	14	18	0.66	<50
W636511		2.90	0.001	<1	3.01	<10	590	<5	<10	2.97	<5	20	75	13	5.04	<50
W636512		2.76	0.001	<1	2.62	<10	530	<5	<10	3.01	<5	23	77	15	4.14	<50
W636513		2.62	<0.001	<1	3.16	<10	670	<5	10	4.04	<5	27	144	34	4.73	<50
W636514		2.58	<0.001	<1	2.83	10	610	<5	<10	3.73	<5	27	106	22	4.37	<50
W636515		3.16	<0.001	1	1.16	<10	200	<5	<10	0.69	<5	8	31	9	2.08	<50
W636516		2.38	<0.001	<1	<0.05	<10	<50	<5	<10	20.4	<5	<5	<5	<5	0.44	<50
W636517		2.52	<0.001	<1	0.26	<10	<50	<5	<10	0.06	<5	<5	12	6	0.68	<50
W636518		3.12	<0.001	1	0.24	<10	<50	<5	<10	0.21	<5	<5	12	7	0.65	<50
W636519		2.96	<0.001	<1	0.60	<10	110	<5	<10	5.78	<5	<5	24	11	2.29	<50
W636520		2.66	<0.001	1	0.83	<10	<50	<5	<10	0.84	<5	<5	23	13	1.16	<50
W636521		2.64	0.001	1	0.48	10	<50	<5	<10	2.01	<5	<5	10	6	1.36	<50
W636522		2.64	<0.001	<1	0.45	<10	<50	<5	<10	0.22	<5	<5	21	<5	1.01	<50
W636523		2.26	<0.001	1	2.70	10	470	<5	<10	0.60	<5	25	10	17	5.42	<50
W636524		2.98	<0.001	1	0.55	<10	60	<5	<10	1.23	<5	<5	9	6	1.22	<50
W636525		3.20	<0.001	<1	0.28	<10	<50	<5	<10	<0.05	<5	<5	8	<5	0.45	<50
W636526		3.52	<0.001	1	0.38	<10	<50	<5	<10	0.06	<5	<5	9	<5	0.67	<50
W636527		3.18	<0.001	<1	0.24	<10	<50	<5	<10	<0.05	<5	<5	13	9	0.84	<50
W636528		2.82	<0.001	<1	0.25	<10	<50	<5	<10	<0.05	<5	<5	11	8	0.53	<50
W636529		2.64	<0.001	<1	0.28	<10	<50	<5	<10	<0.05	<5	<5	11	6	0.43	<50
W636530		2.38	<0.001	1	0.37	<10	<50	<5	<10	<0.05	<5	<5	10	5	0.52	<50
W636531		2.70	<0.001	<1	0.30	<10	<50	<5	10	0.10	<5	<5	10	<5	0.54	<50
W636532		2.44	0.003	<1	2.47	<10	280	<5	<10	2.38	<5	18	7	23	4.79	<50
W636533		2.86	<0.001	1	0.35	<10	<50	<5	10	<0.05	<5	<5	9	<5	0.52	<50
W636534		3.02	<0.001	<1	0.25	<10	<50	<5	<10	<0.05	<5	<5	13	6	0.50	<50
W636535		3.02	<0.001	<1	0.23	<10	<50	<5	<10	0.05	<5	<5	13	<5	0.59	<50
W636536		2.90	<0.001	1	0.26	<10	<50	<5	<10	<0.05	<5	<5	14	7	0.59	<50
W636537		2.54	<0.001	1	0.23	<10	<50	<5	<10	<0.05	<5	<5	12	8	0.58	<50
W636538		2.92	<0.001	<1	0.36	<10	<50	<5	<10	0.10	<5	<5	21	7	1.17	<50
W636539		2.52	0.002	1	0.74	10	70	<5	10	0.29	<5	7	37	5	2.36	<50
W636540		3.24	<0.001	1	0.28	<10	<50	<5	10	<0.05	<5	<5	12	<5	0.54	<50
W636541		2.66	0.001	1	1.01	<10	110	<5	<10	0.35	<5	5	30	8	2.00	<50
W636542		3.04	<0.001	1	0.24	<10	<50	<5	<10	<0.05	<5	<5	17	10	0.80	<50
W636543		2.96	<0.001	<1	0.25	<10	<50	<5	<10	0.07	<5	<5	12	5	0.67	<50
W636544		0.28	1.155	1	0.61	230	110	<5	<10	17.65	<5	<5	29	79	2.49	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636509		<5	0.18	<50	0.11	160	<5	<0.05	<5	70	20	<0.05	10	<5	10	<100
W636510		<5	0.08	<50	<0.05	90	<5	0.05	13	<50	20	<0.05	<10	<5	8	<100
W636511		<5	2.01	<50	2.26	990	<5	<0.05	15	1020	10	<0.05	<10	17	44	<100
W636512		<5	1.75	<50	2.28	790	<5	<0.05	19	840	20	<0.05	<10	9	49	<100
W636513		<5	2.06	<50	3.18	1100	<5	<0.05	65	1140	10	0.14	<10	12	73	<100
W636514		<5	1.67	<50	3.06	850	<5	<0.05	28	1090	10	0.11	10	8	80	<100
W636515		<5	0.61	<50	0.83	510	<5	<0.05	6	410	10	<0.05	<10	5	21	<100
W636516		<5	<0.05	<50	11.45	190	<5	<0.05	5	180	10	<0.05	20	<5	48	<100
W636517		<5	0.15	<50	0.07	70	<5	<0.05	<5	60	20	<0.05	20	<5	10	<100
W636518		<5	0.14	<50	0.06	90	<5	<0.05	5	60	20	<0.05	<10	<5	14	<100
W636519		5	0.21	<50	0.29	630	<5	<0.05	14	320	40	<0.05	<10	6	65	<100
W636520		<5	0.23	<50	0.36	190	<5	<0.05	8	110	20	<0.05	10	5	32	<100
W636521		<5	0.12	<50	0.23	310	<5	<0.05	7	70	10	<0.05	<10	<5	33	<100
W636522		<5	0.17	<50	0.21	170	<5	<0.05	7	90	10	<0.05	10	<5	17	<100
W636523		<5	1.55	<50	2.12	870	<5	<0.05	12	1270	20	<0.05	<10	18	39	<100
W636524		<5	0.28	<50	0.24	250	<5	<0.05	<5	210	10	<0.05	10	<5	20	<100
W636525		<5	0.08	<50	0.08	60	<5	<0.05	<5	<50	10	<0.05	10	<5	8	<100
W636526		7	0.06	<50	0.16	90	<5	<0.05	<5	<50	10	<0.05	<10	<5	11	<100
W636527		<5	0.05	<50	0.06	160	<5	<0.05	<5	<50	10	<0.05	10	5	7	<100
W636528		<5	0.06	<50	0.08	100	<5	<0.05	<5	<50	10	<0.05	<10	<5	6	<100
W636529		<5	0.06	<50	0.08	60	<5	<0.05	<5	<50	20	<0.05	10	<5	7	<100
W636530		<5	0.11	<50	0.06	90	<5	<0.05	<5	<50	10	<0.05	<10	<5	7	<100
W636531		7	0.06	<50	0.12	100	<5	<0.05	<5	50	20	<0.05	10	<5	15	<100
W636532		5	1.42	<50	1.85	940	<5	<0.05	9	1460	20	<0.05	20	14	41	<100
W636533		<5	0.10	<50	0.13	60	<5	<0.05	<5	60	10	<0.05	10	<5	13	<100
W636534		<5	0.07	<50	0.08	70	<5	<0.05	<5	50	20	<0.05	10	<5	5	<100
W636535		<5	0.05	<50	0.07	100	<5	<0.05	<5	<50	10	<0.05	10	<5	7	<100
W636536		<5	0.06	<50	0.07	80	<5	0.05	<5	60	<10	<0.05	10	<5	8	<100
W636537		<5	0.07	<50	<0.05	60	<5	0.05	<5	80	10	<0.05	10	<5	6	<100
W636538		<5	0.17	<50	0.12	140	<5	<0.05	5	350	10	<0.05	<10	<5	13	<100
W636539		<5	0.27	<50	0.21	460	<5	<0.05	14	1200	10	<0.05	10	6	18	<100
W636540		<5	0.06	<50	0.07	130	<5	0.06	<5	60	<10	<0.05	<10	<5	8	<100
W636541		<5	0.64	<50	0.54	500	<5	<0.05	19	970	10	<0.05	<10	<5	19	<100
W636542		<5	0.13	<50	0.06	170	<5	<0.05	<5	90	10	<0.05	10	<5	10	<100
W636543		<5	0.06	<50	0.10	130	<5	0.05	<5	70	10	<0.05	20	<5	11	<100
W636544		<5	0.21	<50	3.10	1700	72	<0.05	78	1100	20	0.86	20	<5	193	<100



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CERTIFICATE OF ANALYSIS WH17186531

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636509		<0.05	<50	<50	6	<50	10
W636510		<0.05	<50	<50	<5	<50	20
W636511		0.23	<50	<50	125	<50	80
W636512		0.25	<50	<50	94	<50	60
W636513		0.26	<50	<50	113	<50	80
W636514		0.23	<50	<50	99	<50	70
W636515		0.08	<50	<50	38	<50	30
W636516		<0.05	<50	<50	<5	<50	10
W636517		<0.05	<50	<50	<5	<50	<10
W636518		<0.05	<50	<50	<5	<50	40
W636519		<0.05	<50	<50	28	<50	100
W636520		<0.05	<50	<50	17	<50	10
W636521		<0.05	<50	<50	6	<50	20
W636522		<0.05	<50	<50	8	<50	10
W636523		0.26	<50	<50	155	<50	70
W636524		<0.05	<50	<50	19	<50	10
W636525		<0.05	<50	<50	<5	<50	<10
W636526		<0.05	<50	<50	<5	<50	<10
W636527		<0.05	<50	<50	<5	<50	10
W636528		<0.05	<50	<50	<5	<50	30
W636529		<0.05	<50	<50	<5	<50	20
W636530		<0.05	<50	<50	<5	<50	<10
W636531		<0.05	<50	<50	<5	<50	20
W636532		0.22	<50	<50	100	<50	70
W636533		<0.05	<50	<50	<5	<50	<10
W636534		<0.05	<50	<50	<5	<50	<10
W636535		<0.05	<50	<50	<5	<50	<10
W636536		<0.05	<50	<50	<5	<50	<10
W636537		<0.05	<50	<50	<5	<50	<10
W636538		<0.05	<50	<50	8	<50	20
W636539		<0.05	<50	<50	24	<50	60
W636540		<0.05	<50	<50	<5	<50	<10
W636541		0.06	<50	<50	16	<50	30
W636542		<0.05	<50	<50	5	<50	<10
W636543		<0.05	<50	<50	<5	<50	<10
W636544		<0.05	<50	<50	178	<50	420



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To: **ARCUS DEVELOPMENT GROUP**
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Total # Appendix Pages: **1**
Finalized Date: **4-OCT-2017**
Account: **DEVARC**

Project: DAN MAN

CERTIFICATE OF ANALYSIS WH17186531

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 14-OCT-2017
 Account: DEVARC

CERTIFICATE WH17186535

Project: DAN MAN
 P.O. No.: 1006216-Batch 30
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Account: DEVARC

Project: DAN MAN

CERTIFICATE OF ANALYSIS WH17186535

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W636545		2.88	<0.001	<1	0.62	<10	<50	<5	<10	0.29	<5	<5	19	7	1.44	<50
W636546		2.44	<0.001	<1	1.33	<10	60	<5	<10	0.17	<5	12	51	7	2.91	<50
W636547		2.82	<0.001	<1	0.42	<10	<50	<5	10	0.07	<5	<5	18	18	1.27	<50
W636548		2.60	<0.001	<1	0.34	<10	<50	<5	<10	0.29	<5	<5	12	<5	1.11	<50
W636549		2.92	<0.001	<1	0.37	<10	<50	<5	<10	0.20	<5	<5	14	11	1.16	<50
W636550		2.70	<0.001	<1	0.33	<10	<50	<5	10	<0.05	<5	<5	13	10	0.74	<50
W636551		3.10	<0.001	<1	0.30	<10	<50	<5	<10	2.47	<5	<5	13	6	1.08	<50
W636552		2.88	0.007	<1	0.33	<10	<50	<5	<10	1.55	<5	<5	17	7	1.05	<50
W636553		2.96	0.020	<1	0.38	10	<50	<5	<10	0.74	<5	<5	13	38	1.04	<50
W636554		2.26	<0.001	<1	<0.05	<10	<50	<5	20	21.3	<5	<5	<5	<5	0.48	<50
W636555		2.64	0.313	1	1.64	20	120	<5	<10	2.99	<5	17	132	46	3.03	<50
W636556		3.10	0.003	1	1.52	10	200	<5	10	2.23	<5	17	75	30	2.63	<50
W636557		2.88	<0.001	1	2.86	<10	310	<5	<10	3.38	<5	25	130	39	3.94	<50
W636558		2.84	<0.001	1	0.36	10	80	<5	20	0.58	<5	<5	15	7	0.96	<50
W636559		2.84	0.003	1	1.01	30	180	<5	<10	2.51	<5	6	55	23	2.15	<50
W636560		2.34	<0.001	2	1.10	20	180	<5	<10	0.80	<5	<5	51	7	2.09	<50
W636561		2.44	<0.001	1	0.40	<10	50	<5	<10	0.23	<5	<5	15	7	0.83	<50
W636562		2.78	<0.001	1	0.37	<10	<50	<5	<10	0.12	<5	<5	14	6	0.65	<50
W636563		2.26	<0.001	1	0.42	20	<50	<5	<10	3.14	<5	<5	10	7	0.56	<50
W636564		2.74	<0.001	1	1.34	30	70	<5	<10	1.60	<5	6	105	6	1.83	<50
W636565		2.32	<0.001	1	0.74	10	70	<5	10	0.55	<5	5	25	8	1.21	<50
W636566		2.92	<0.001	1	0.44	10	<50	<5	10	0.75	<5	<5	13	5	0.67	<50
W636567		3.14	<0.001	1	0.48	<10	<50	<5	<10	0.65	<5	<5	11	5	0.84	<50
W636568		3.06	<0.001	2	0.33	30	<50	<5	<10	0.46	<5	<5	13	5	0.52	<50
W636569		2.82	<0.001	1	0.34	20	<50	<5	10	0.88	<5	<5	12	<5	0.52	<50
W636570		2.98	0.011	1	0.39	20	<50	<5	10	1.34	<5	<5	11	<5	0.70	<50
W636571		0.32	1.185	2	0.62	250	110	<5	20	18.45	<5	8	29	80	2.51	<50
W636572		2.46	<0.001	1	1.78	20	120	<5	<10	2.40	<5	14	78	20	3.38	<50
W636573		2.90	<0.001	1	0.45	10	80	<5	<10	0.63	<5	<5	11	6	0.55	<50
W636574		2.78	<0.001	<1	1.54	<10	150	<5	10	3.55	<5	16	101	15	2.81	<50
W636575		3.14	<0.001	<1	1.11	10	120	<5	<10	3.15	<5	10	137	10	2.17	<50
W636576		2.08	<0.001	1	3.21	20	390	<5	<10	3.61	<5	27	385	34	4.91	<50
W636577		2.58	<0.001	1	0.67	<10	70	<5	<10	1.80	<5	5	25	8	1.41	<50
W636578		2.96	0.005	<1	0.78	30	70	<5	<10	1.48	<5	6	17	7	1.79	<50
W636579		2.56	<0.001	<1	1.11	<10	170	<5	<10	0.47	<5	10	26	16	2.24	<50
W636580		2.92	<0.001	1	1.58	<10	310	<5	<10	3.10	<5	17	154	32	2.76	<50



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 Total # Pages: 2 (A - C)
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 Finalized Date: 14-OCT-2017
 Account: DEVARC

Project: DAN MAN

CERTIFICATE OF ANALYSIS WH17186535

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636545		<5	0.15	<50	0.12	320	<5	0.21	<5	100	<10	<0.05	<10	<5	<5	<100
W636546		<5	0.26	<50	0.19	630	<5	0.12	15	490	10	<0.05	10	8	13	<100
W636547		<5	0.10	<50	0.14	250	<5	0.14	7	80	10	<0.05	10	<5	<5	<100
W636548		<5	0.05	<50	0.11	240	<5	0.14	6	<50	30	<0.05	10	<5	<5	<100
W636549		<5	0.05	<50	0.12	240	<5	0.15	<5	<50	20	<0.05	10	<5	<5	<100
W636550		<5	0.06	<50	0.11	100	<5	0.14	<5	60	<10	<0.05	<10	<5	<5	<100
W636551		<5	0.05	<50	0.10	230	<5	0.14	<5	<50	60	<0.05	<10	<5	23	<100
W636552		<5	0.08	<50	0.09	280	<5	0.11	<5	<50	20	<0.05	<10	<5	13	<100
W636553		<5	0.09	<50	0.07	180	<5	0.14	<5	<50	50	<0.05	<10	<5	<5	<100
W636554		<5	<0.05	<50	11.75	210	<5	<0.05	<5	190	<10	<0.05	<10	<5	31	<100
W636555		<5	1.01	<50	1.21	780	<5	0.05	63	580	260	<0.05	<10	8	18	<100
W636556		<5	0.64	<50	1.06	740	<5	0.07	21	490	30	<0.05	<10	6	53	<100
W636557		<5	1.63	<50	2.50	710	<5	<0.05	38	750	20	<0.05	<10	13	79	<100
W636558		<5	0.20	<50	0.07	490	<5	0.08	<5	50	30	<0.05	<10	<5	17	<100
W636559		<5	0.53	<50	0.58	630	<5	0.06	16	350	60	<0.05	10	6	34	<100
W636560		<5	0.58	<50	0.70	500	<5	0.08	14	400	10	<0.05	<10	6	18	<100
W636561		<5	0.18	<50	0.06	140	<5	0.09	<5	70	10	<0.05	<10	<5	6	<100
W636562		<5	0.19	<50	0.06	100	<5	0.07	<5	50	<10	<0.05	<10	<5	6	<100
W636563		<5	0.25	<50	0.05	140	<5	<0.05	<5	<50	20	<0.05	<10	<5	194	<100
W636564		<5	0.89	<50	1.08	390	<5	<0.05	34	390	<10	<0.05	<10	6	32	<100
W636565		<5	0.34	<50	0.24	250	<5	0.06	7	180	10	<0.05	<10	<5	20	<100
W636566		<5	0.22	<50	0.08	120	<5	0.10	<5	80	10	<0.05	<10	<5	10	<100
W636567		<5	0.23	<50	0.08	140	<5	0.11	<5	60	10	<0.05	<10	<5	15	<100
W636568		<5	0.12	<50	<0.05	70	<5	0.13	<5	60	<10	<0.05	<10	<5	10	<100
W636569		<5	0.14	<50	<0.05	100	<5	0.12	<5	90	<10	<0.05	<10	<5	14	<100
W636570		<5	0.19	<50	0.07	160	<5	0.09	<5	60	<10	<0.05	<10	<5	20	<100
W636571		<5	0.22	<50	3.23	1750	73	<0.05	79	1080	20	0.88	10	<5	185	<100
W636572		<5	1.02	<50	1.38	600	<5	<0.05	27	1010	10	<0.05	<10	10	30	<100
W636573		<5	0.25	<50	0.07	110	<5	0.10	<5	50	<10	<0.05	<10	<5	17	<100
W636574		<5	0.93	<50	1.57	610	<5	<0.05	39	470	10	<0.05	10	9	55	<100
W636575		<5	0.70	<50	0.85	440	<5	0.06	41	390	<10	<0.05	10	7	39	<100
W636576		6	2.45	<50	3.25	1040	<5	<0.05	111	1190	10	<0.05	<10	22	55	<100
W636577		<5	0.26	<50	0.24	290	<5	0.05	8	140	<10	<0.05	10	<5	33	<100
W636578		<5	0.30	<50	0.21	220	<5	0.07	6	160	<10	<0.05	<10	<5	30	<100
W636579		<5	0.39	<50	0.39	400	<5	<0.05	12	500	10	<0.05	10	5	26	<100
W636580		<5	0.74	<50	1.11	530	<5	<0.05	54	640	<10	<0.05	<10	7	46	<100



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 Finalized Date: 14-OCT-2017
 Account: DEVARC

Project: DAN MAN

CERTIFICATE OF ANALYSIS WH17186535

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636545		<0.05	<50	<50	11	<50	10
W636546		<0.05	<50	<50	47	<50	60
W636547		<0.05	<50	<50	9	<50	30
W636548		<0.05	<50	<50	6	<50	20
W636549		<0.05	<50	<50	<5	<50	20
W636550		<0.05	<50	<50	<5	<50	10
W636551		<0.05	<50	<50	5	<50	20
W636552		<0.05	<50	<50	7	<50	10
W636553		<0.05	<50	<50	6	<50	10
W636554		<0.05	<50	<50	<5	<50	10
W636555		0.08	<50	<50	46	<50	90
W636556		0.25	<50	<50	56	<50	60
W636557		0.26	<50	<50	97	<50	70
W636558		<0.05	<50	<50	<5	<50	10
W636559		0.06	<50	<50	34	<50	40
W636560		0.08	<50	<50	32	<50	40
W636561		<0.05	<50	<50	5	<50	10
W636562		<0.05	<50	<50	<5	<50	10
W636563		<0.05	<50	<50	<5	<50	10
W636564		0.06	<50	<50	37	<50	40
W636565		<0.05	<50	<50	11	<50	10
W636566		<0.05	<50	<50	<5	<50	10
W636567		<0.05	<50	<50	<5	<50	10
W636568		<0.05	<50	<50	<5	<50	10
W636569		<0.05	<50	<50	<5	<50	10
W636570		<0.05	<50	<50	<5	<50	10
W636571		<0.05	<50	<50	183	<50	440
W636572		0.10	<50	<50	57	<50	50
W636573		<0.05	<50	<50	<5	<50	10
W636574		0.07	<50	<50	55	<50	60
W636575		0.06	<50	<50	37	<50	40
W636576		0.22	<50	<50	145	<50	130
W636577		<0.05	<50	<50	15	<50	30
W636578		<0.05	<50	<50	14	<50	30
W636579		<0.05	<50	<50	39	<50	40
W636580		0.12	<50	<50	58	<50	40



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Total # Appendix Pages: **1**
Finalized Date: **14-OCT-2017**
Account: **DEVARC**

Project: DAN MAN

CERTIFICATE OF ANALYSIS WH17186535

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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 Finalized Date: 10-OCT-2017
 Account: DEVARC

CERTIFICATE WH17186539

Project: Dan Man
 P.O. No.: 1006216-Batch 31
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

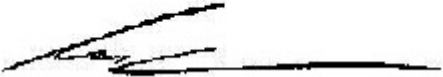
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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To: ARCUS DEVELOPMENT GROUP
 510 WEST HASTINGS ST.
 VANCOUVER BC V6B 1L8

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 Finalized Date: 10-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186539

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W636581		2.26	<0.001	<1	2.78	<10	850	<5	10	4.10	<5	31	258	48	4.43	<50
W636582		2.82	<0.001	<1	0.56	<10	90	<5	10	2.63	<5	10	77	9	2.11	<50
W636583		2.42	<0.001	<1	0.38	10	50	<5	<10	0.29	<5	<5	16	<5	0.77	<50
W636584		2.56	<0.001	<1	2.45	20	110	5	<10	1.90	<5	20	217	26	4.36	<50
W636585		2.64	<0.001	<1	0.57	<10	<50	<5	<10	0.58	<5	5	34	10	1.16	<50
W636586		2.20	<0.001	1	0.43	<10	<50	<5	<10	0.05	<5	<5	8	8	0.70	<50
W636587		2.30	<0.001	<1	0.33	10	<50	<5	<10	0.06	<5	7	12	9	0.80	<50
W636588		2.30	0.017	<1	0.38	20	<50	<5	<10	0.05	<5	<5	10	<5	0.76	<50
W636589		2.20	0.031	<1	3.08	<10	360	<5	<10	3.76	<5	25	101	5	5.28	<50
W636590		2.40	<0.001	<1	2.88	<10	360	<5	<10	4.27	<5	20	127	<5	4.74	<50
W636591		0.30	1.320	31	1.26	540	660	<5	<10	0.27	32	11	13	138	5.50	<50
W636592		2.56	<0.001	<1	2.71	<10	120	<5	<10	3.62	<5	16	116	<5	4.09	<50
W636593		2.52	<0.001	<1	0.96	<10	<50	<5	<10	1.25	<5	10	13	5	2.01	<50
W636594		3.02	<0.001	<1	2.18	<10	230	<5	<10	3.00	<5	18	122	7	3.44	<50
W636595		2.12	<0.001	<1	2.23	<10	240	<5	<10	2.97	<5	18	89	9	3.15	<50
W636596		2.52	<0.001	<1	2.79	<10	110	<5	<10	4.13	<5	24	85	<5	3.85	<50
W636597		3.02	<0.001	<1	2.51	<10	80	<5	10	3.73	<5	25	90	<5	3.55	<50
W636598		3.12	<0.001	<1	2.62	<10	160	<5	<10	2.71	<5	21	86	<5	3.50	<50
W636599		2.72	<0.001	<1	2.03	<10	170	<5	<10	2.22	<5	16	76	<5	2.59	<50
W636600		2.76	<0.001	<1	2.22	<10	100	<5	<10	2.38	<5	18	103	8	3.10	<50
W636601		2.80	0.001	<1	2.26	<10	140	<5	10	3.06	<5	25	123	12	3.11	<50
W636602		2.78	0.001	<1	2.99	10	330	<5	<10	3.17	<5	22	90	18	4.19	<50
W636603		2.60	<0.001	<1	3.27	10	360	<5	<10	3.21	<5	27	83	11	4.20	<50
W636604		2.98	<0.001	1	3.05	<10	190	<5	<10	3.09	<5	25	153	<5	3.99	<50
W636605		3.28	<0.001	<1	2.58	20	190	<5	<10	3.01	<5	26	188	9	3.66	<50
W636606		2.86	<0.001	<1	2.79	<10	360	<5	<10	2.78	<5	19	185	5	3.71	<50
W636607		2.52	<0.001	<1	2.69	<10	480	<5	<10	4.00	<5	19	146	<5	3.83	<50
W636608		2.32	<0.001	<1	<0.05	<10	<50	<5	10	20.8	<5	<5	<5	15	0.84	<50
W636609		2.92	<0.001	<1	1.00	10	120	<5	10	2.22	<5	8	56	7	1.77	<50
W636610		2.86	0.010	<1	0.39	<10	<50	<5	<10	0.41	<5	<5	8	8	0.39	<50
W636611		2.78	<0.001	<1	0.33	<10	<50	<5	<10	0.34	<5	<5	10	7	0.45	<50
W636612		3.12	<0.001	<1	0.39	<10	<50	<5	<10	0.33	<5	<5	11	<5	0.49	<50
W636613		3.16	<0.001	<1	0.51	<10	<50	<5	<10	1.11	<5	<5	8	<5	0.39	<50
W636614		2.58	0.002	<1	0.47	10	<50	<5	<10	0.46	<5	<5	7	<5	0.40	<50
W636615		3.26	0.012	<1	0.38	10	<50	<5	<10	0.29	<5	<5	9	<5	0.36	<50
W636616		2.96	0.021	1	0.76	20	90	<5	10	5.82	<5	13	24	8	2.70	<50



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To: ARCUS DEVELOPMENT GROUP
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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186539

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636581		<5	1.73	<50	2.38	840	<5	0.05	101	1580	20	<0.05	<10	10	73	<100
W636582		<5	0.20	<50	0.19	480	<5	0.05	31	490	20	<0.05	<10	6	25	<100
W636583		<5	0.15	<50	0.05	120	<5	0.07	6	90	10	<0.05	<10	<5	8	<100
W636584		<5	1.60	<50	1.98	750	<5	<0.05	94	1140	10	<0.05	10	18	13	<100
W636585		<5	0.29	<50	0.23	230	<5	<0.05	14	190	20	<0.05	<10	<5	5	<100
W636586		<5	0.20	<50	0.05	120	<5	0.09	<5	60	20	<0.05	<10	<5	<5	<100
W636587		<5	0.12	<50	<0.05	150	<5	0.07	<5	70	20	<0.05	<10	<5	<5	<100
W636588		<5	0.13	<50	0.05	140	<5	0.06	6	50	10	<0.05	<10	<5	5	<100
W636589		<5	2.01	<50	2.58	910	<5	0.06	49	650	20	0.06	<10	21	39	<100
W636590		<5	1.54	<50	2.89	880	<5	0.13	50	380	10	<0.05	<10	21	53	<100
W636591		8	0.52	<50	0.10	1050	6	<0.05	10	1480	3490	0.45	20	5	170	<100
W636592		<5	1.00	<50	2.48	720	<5	0.14	40	390	20	<0.05	<10	19	39	<100
W636593		<5	0.33	<50	0.65	240	<5	0.12	21	280	10	<0.05	<10	9	14	<100
W636594		5	1.06	<50	2.06	540	<5	0.10	44	450	20	<0.05	<10	14	26	<100
W636595		<5	1.05	<50	2.26	650	5	0.08	35	290	10	<0.05	<10	12	37	<100
W636596		<5	1.02	<50	3.43	760	10	0.09	40	280	10	<0.05	<10	16	59	<100
W636597		<5	0.77	<50	2.67	590	<5	0.09	42	310	10	<0.05	<10	17	38	<100
W636598		<5	1.03	<50	2.86	560	<5	0.12	34	250	20	<0.05	<10	13	30	<100
W636599		<5	0.89	<50	2.20	450	<5	0.15	30	350	20	<0.05	<10	8	34	<100
W636600		<5	0.60	<50	2.22	490	<5	0.14	44	420	10	<0.05	<10	10	30	<100
W636601		<5	0.80	<50	2.20	550	6	0.14	51	720	<10	0.13	<10	8	53	<100
W636602		<5	1.36	<50	2.93	870	<5	0.14	49	940	10	0.06	<10	11	58	<100
W636603		<5	1.55	<50	3.15	850	<5	0.10	50	760	20	0.05	<10	9	65	<100
W636604		<5	1.15	<50	3.04	680	<5	0.18	75	350	20	0.12	<10	11	49	<100
W636605		<5	0.74	<50	2.62	640	6	0.16	77	610	10	0.19	<10	11	58	<100
W636606		<5	1.27	<50	2.87	640	<5	0.14	68	560	20	<0.05	10	11	48	<100
W636607		<5	1.17	<50	2.66	700	<5	0.08	54	320	10	0.06	10	19	51	<100
W636608		<5	<0.05	<50	11.75	250	<5	<0.05	9	190	10	<0.05	<10	<5	28	<100
W636609		<5	0.39	<50	0.56	330	<5	0.06	22	150	<10	<0.05	<10	8	37	<100
W636610		<5	0.11	<50	0.07	50	<5	0.07	6	<50	10	<0.05	<10	<5	14	<100
W636611		<5	0.16	<50	0.05	70	<5	0.07	7	<50	10	<0.05	<10	<5	12	<100
W636612		<5	0.16	<50	<0.05	70	<5	0.07	<5	<50	<10	<0.05	<10	<5	9	<100
W636613		<5	0.13	<50	<0.05	70	<5	<0.05	6	<50	10	<0.05	<10	<5	22	<100
W636614		<5	0.14	<50	<0.05	50	<5	0.06	<5	50	10	<0.05	<10	<5	14	<100
W636615		<5	0.12	<50	<0.05	40	<5	0.07	5	<50	<10	<0.05	<10	<5	7	<100
W636616		<5	0.33	<50	0.41	820	<5	<0.05	30	480	30	<0.05	<10	<5	65	<100



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186539

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636581		0.34	<50	<50	112	<50	80
W636582		<0.05	<50	<50	33	<50	110
W636583		<0.05	<50	<50	<5	<50	20
W636584		0.13	<50	<50	96	<50	80
W636585		<0.05	<50	<50	13	<50	30
W636586		<0.05	<50	<50	<5	<50	20
W636587		<0.05	<50	<50	<5	<50	20
W636588		<0.05	<50	<50	<5	<50	30
W636589		0.32	<50	<50	163	<50	100
W636590		0.22	<50	<50	160	<50	50
W636591		<0.05	<50	<50	62	<50	2340
W636592		0.10	<50	<50	116	<50	50
W636593		<0.05	<50	<50	31	<50	30
W636594		0.11	<50	<50	90	<50	60
W636595		0.11	<50	<50	83	<50	40
W636596		0.13	<50	<50	110	<50	40
W636597		0.11	<50	<50	110	<50	30
W636598		0.18	<50	<50	96	<50	40
W636599		0.20	<50	<50	76	<50	40
W636600		0.27	<50	<50	88	<50	30
W636601		0.41	<50	<50	92	<50	40
W636602		0.32	<50	<50	102	<50	60
W636603		0.31	<50	<50	98	<50	60
W636604		0.18	<50	<50	106	<50	80
W636605		0.15	<50	<50	109	<50	40
W636606		0.19	<50	<50	106	<50	50
W636607		0.11	<50	<50	110	<50	60
W636608		<0.05	<50	<50	<5	<50	20
W636609		<0.05	<50	<50	45	<50	40
W636610		<0.05	<50	<50	<5	<50	10
W636611		<0.05	<50	<50	<5	<50	10
W636612		<0.05	<50	<50	<5	<50	<10
W636613		<0.05	<50	<50	<5	<50	<10
W636614		<0.05	<50	<50	<5	<50	<10
W636615		<0.05	<50	<50	<5	<50	<10
W636616		<0.05	<50	<50	14	<50	70



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To: **ARCUS DEVELOPMENT GROUP**
510 WEST HASTINGS ST.
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Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186539

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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CERTIFICATE WH17186545

Project: Dan Man
 P.O. No.: 1006216-Batch 32
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH17186545

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W636617		3.90	<0.001	<1	0.48	<10	70	<5	<10	1.04	<5	<5	10	6	0.54	<50
W636618		2.80	<0.001	<1	0.41	<10	<50	<5	<10	0.84	<5	<5	6	<5	0.31	<50
W636619		3.14	<0.001	<1	0.45	<10	<50	<5	<10	1.17	<5	<5	8	<5	0.34	<50
W636620		2.62	0.004	1	0.32	<10	<50	<5	<10	0.54	<5	<5	12	5	0.53	<50
W636621		2.76	0.006	1	0.34	<10	<50	<5	<10	0.53	<5	<5	9	<5	0.41	<50
W636622		2.92	0.011	<1	0.47	10	<50	<5	<10	1.71	<5	<5	8	<5	0.55	<50
W636623		2.64	<0.001	<1	0.53	<10	<50	<5	<10	1.42	<5	<5	8	<5	0.38	<50
W636624		2.76	<0.001	<1	0.66	<10	<50	<5	<10	1.17	<5	<5	8	<5	0.35	<50
W636625		3.02	0.024	<1	0.63	110	90	<5	<10	2.22	<5	<5	11	<5	1.33	<50
W636626		3.14	0.063	<1	0.44	40	70	<5	<10	1.19	<5	<5	11	<5	0.96	<50
W636627		2.74	0.074	<1	0.50	40	60	<5	<10	1.46	<5	<5	10	<5	1.14	<50
W636628		2.98	0.018	<1	1.16	50	230	<5	<10	5.14	<5	12	36	15	2.99	<50
W636629		2.82	0.003	<1	0.49	10	<50	<5	10	1.34	<5	<5	9	9	0.94	<50
W636630		2.46	0.132	1	0.62	70	<50	<5	10	2.09	<5	19	12	46	0.92	<50
W636631		3.16	1.235	1	0.51	240	<50	<5	10	1.41	<5	<5	8	10	1.13	<50
W636632		2.40	0.003	<1	<0.05	<10	<50	<5	<10	21.0	<5	<5	<5	<5	0.45	<50
W636633		2.94	0.080	<1	0.57	300	<50	<5	<10	2.83	<5	<5	13	5	1.17	<50
W636634		3.32	0.315	<1	0.45	90	<50	<5	<10	3.23	<5	<5	8	5	1.22	<50
W636635		2.70	0.091	<1	1.50	490	150	<5	10	11.80	<5	15	75	8	4.41	<50
W636636		2.88	0.006	<1	1.18	20	90	<5	<10	1.41	<5	<5	21	<5	1.99	<50
W636637		2.80	0.007	<1	2.59	20	150	<5	<10	3.91	<5	21	74	5	3.69	<50
W636638		3.02	0.002	<1	1.97	10	240	<5	<10	6.53	<5	19	78	16	4.56	<50
W636639		2.92	0.002	<1	2.27	<10	400	<5	10	4.51	<5	18	90	<5	4.06	<50
W636640		3.22	<0.001	<1	2.45	10	240	<5	<10	4.05	<5	24	100	12	4.65	<50
W636641		3.30	<0.001	<1	1.84	30	<50	<5	<10	5.38	<5	19	81	<5	4.53	<50
W636642		3.24	<0.001	<1	1.53	<10	50	<5	20	6.07	<5	16	115	<5	4.70	<50
W636643		3.06	<0.001	<1	1.36	10	90	<5	<10	3.32	<5	11	40	<5	3.40	<50
W636644		3.26	<0.001	<1	0.31	10	<50	<5	<10	0.40	<5	<5	9	<5	0.38	<50
W636645		2.90	<0.001	<1	0.31	<10	<50	<5	10	0.75	<5	<5	12	<5	0.38	<50
W636646		3.16	0.005	<1	0.36	<10	<50	<5	10	1.32	<5	<5	10	5	0.38	<50
W636647		0.32	1.160	<1	0.64	260	120	<5	10	18.25	<5	5	29	79	2.60	<50
W636648		2.96	0.001	<1	0.45	<10	<50	<5	<10	1.35	<5	<5	8	<5	0.37	<50
W636649		2.96	0.002	<1	0.48	<10	<50	<5	<10	1.28	<5	<5	8	<5	0.38	<50
W636650		2.96	0.004	<1	0.37	<10	<50	<5	<10	0.58	<5	<5	8	<5	0.31	<50
W636651		2.98	0.014	<1	0.38	10	<50	<5	10	0.62	<5	<5	7	<5	0.51	<50
W636652		3.10	0.009	<1	0.54	<10	<50	<5	<10	1.78	<5	<5	11	<5	0.93	<50



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Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
Units		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636617		<5	0.19	<50	0.10	110	<5	<0.05	<5	110	30	<0.05	10	<5	15	<100
W636618		<5	0.10	<50	<0.05	70	<5	<0.05	<5	<50	10	<0.05	10	<5	13	<100
W636619		<5	0.10	<50	0.08	70	<5	<0.05	<5	<50	10	<0.05	<10	<5	24	<100
W636620		<5	0.14	<50	<0.05	70	5	0.05	<5	<50	10	<0.05	<10	<5	8	<100
W636621		<5	0.14	<50	<0.05	60	<5	0.05	<5	<50	20	<0.05	10	<5	12	<100
W636622		<5	0.13	<50	0.22	110	<5	<0.05	<5	<50	20	<0.05	<10	<5	21	<100
W636623		<5	0.11	<50	<0.05	100	<5	<0.05	5	<50	10	<0.05	10	<5	18	<100
W636624		<5	0.15	<50	<0.05	90	<5	<0.05	<5	<50	40	<0.05	<10	<5	16	<100
W636625		<5	0.21	<50	0.15	430	<5	<0.05	<5	190	30	<0.05	10	<5	27	<100
W636626		<5	0.16	<50	0.06	180	<5	<0.05	<5	70	80	<0.05	<10	<5	8	<100
W636627		<5	0.19	<50	0.06	300	<5	<0.05	<5	250	20	<0.05	10	<5	19	<100
W636628		<5	0.41	<50	1.32	720	<5	<0.05	28	920	30	0.08	20	6	69	<100
W636629		<5	0.17	<50	0.11	210	<5	<0.05	8	120	40	<0.05	10	<5	18	<100
W636630		<5	0.24	<50	0.07	270	27	<0.05	28	80	70	<0.05	20	<5	27	<100
W636631		<5	0.38	<50	0.05	150	<5	<0.05	<5	90	20	<0.05	10	<5	19	<100
W636632		<5	<0.05	<50	11.90	200	<5	<0.05	7	170	10	<0.05	20	<5	44	<100
W636633		<5	0.24	<50	0.10	280	<5	<0.05	11	300	10	<0.05	10	<5	39	<100
W636634		<5	0.24	<50	0.32	270	<5	<0.05	5	70	30	0.07	20	<5	50	<100
W636635		<5	0.37	<50	0.61	870	<5	<0.05	46	290	20	<0.05	30	21	67	<100
W636636		<5	0.25	<50	0.71	330	<5	<0.05	11	310	10	<0.05	20	10	18	<100
W636637		<5	0.61	<50	1.53	690	<5	0.05	38	470	10	<0.05	30	15	29	<100
W636638		<5	0.54	<50	0.88	800	<5	<0.05	47	1250	40	<0.05	20	17	42	<100
W636639		<5	0.64	<50	3.35	750	<5	0.05	41	310	10	<0.05	10	24	84	<100
W636640		<5	0.85	<50	3.13	850	<5	0.07	40	920	10	0.09	20	19	96	<100
W636641		<5	0.37	<50	2.55	850	<5	0.05	40	540	20	0.07	30	22	96	<100
W636642		<5	0.45	<50	2.66	900	<5	<0.05	58	850	190	<0.05	<10	26	142	<100
W636643		<5	0.36	<50	1.59	730	<5	0.05	16	430	10	0.06	10	17	69	<100
W636644		<5	0.07	<50	0.09	80	<5	0.07	<5	<50	250	<0.05	10	<5	7	<100
W636645		<5	0.08	<50	0.08	70	<5	0.08	<5	<50	790	<0.05	20	<5	13	<100
W636646		<5	0.06	<50	<0.05	80	<5	<0.05	<5	<50	50	<0.05	<10	<5	15	<100
W636647		<5	0.22	<50	3.26	1760	72	<0.05	75	1180	80	0.93	10	<5	205	<100
W636648		<5	0.08	<50	<0.05	90	<5	<0.05	<5	50	30	<0.05	10	<5	26	<100
W636649		<5	0.07	<50	<0.05	80	<5	<0.05	<5	<50	20	<0.05	10	<5	24	<100
W636650		<5	0.09	<50	<0.05	50	<5	0.05	<5	<50	10	<0.05	10	<5	15	<100
W636651		<5	0.06	<50	<0.05	70	<5	0.05	<5	<50	10	<0.05	10	<5	7	<100
W636652		<5	0.14	<50	0.39	220	15	<0.05	6	80	10	0.10	<10	<5	45	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636617		<0.05	<50	<50	<5	<50	10
W636618		<0.05	<50	<50	<5	<50	<10
W636619		<0.05	<50	<50	<5	<50	<10
W636620		<0.05	<50	<50	<5	<50	<10
W636621		<0.05	<50	<50	<5	<50	<10
W636622		<0.05	<50	<50	<5	<50	10
W636623		<0.05	<50	<50	<5	<50	<10
W636624		<0.05	<50	<50	<5	<50	<10
W636625		<0.05	<50	<50	8	<50	30
W636626		<0.05	<50	<50	<5	<50	10
W636627		<0.05	<50	<50	7	<50	20
W636628		<0.05	<50	<50	41	<50	70
W636629		<0.05	<50	<50	<5	<50	20
W636630		<0.05	<50	<50	6	<50	50
W636631		<0.05	<50	<50	<5	<50	10
W636632		<0.05	<50	<50	5	<50	10
W636633		<0.05	<50	<50	5	<50	30
W636634		<0.05	<50	<50	5	<50	30
W636635		<0.05	<50	<50	128	<50	170
W636636		<0.05	<50	<50	26	<50	40
W636637		0.08	<50	<50	85	<50	40
W636638		<0.05	<50	<50	118	<50	50
W636639		0.06	<50	<50	135	<50	30
W636640		0.13	<50	<50	126	<50	40
W636641		<0.05	<50	<50	151	<50	40
W636642		<0.05	<50	<50	157	<50	40
W636643		0.05	<50	<50	108	<50	20
W636644		<0.05	<50	<50	<5	<50	<10
W636645		<0.05	<50	<50	<5	<50	<10
W636646		<0.05	<50	<50	<5	<50	<10
W636647		<0.05	<50	<50	192	<50	440
W636648		<0.05	<50	<50	<5	<50	<10
W636649		<0.05	<50	<50	<5	<50	<10
W636650		<0.05	<50	<50	<5	<50	<10
W636651		<0.05	<50	<50	<5	<50	<10
W636652		<0.05	<50	<50	5	<50	20



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CERTIFICATE OF ANALYSIS WH17186545

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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CERTIFICATE WH17186548

Project: Dan Man
 P.O. No.: 1006216-Batch 33
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W636653		3.32	0.001	<1	0.44	30	<50	<5	<10	1.61	<5	<5	11	12	1.28	<50
W636654		3.32	<0.001	<1	0.55	10	<50	<5	<10	1.59	<5	6	9	<5	1.58	<50
W636655		3.24	<0.001	<1	0.40	20	70	<5	<10	0.71	<5	<5	9	5	0.65	<50
W636656		3.82	<0.001	<1	0.33	20	<50	<5	<10	0.70	<5	<5	9	9	0.51	<50
W636657		3.06	0.023	<1	0.35	<10	<50	<5	<10	1.19	<5	<5	8	5	0.44	<50
W636658		3.36	<0.001	<1	0.44	30	<50	<5	<10	0.70	<5	<5	9	6	0.71	<50
W636659		2.78	<0.001	<1	0.29	10	<50	<5	10	0.43	<5	<5	13	6	0.60	<50
W636660		2.10	0.003	<1	0.48	10	<50	<5	<10	0.84	<5	<5	11	8	0.73	<50
W636661		2.82	0.006	<1	0.43	20	<50	<5	10	0.46	<5	<5	12	7	0.84	<50
W636662		2.34	0.001	<1	<0.05	<10	<50	<5	<10	20.9	<5	<5	<5	<5	0.47	<50
W636663		3.26	<0.001	<1	0.37	20	<50	<5	<10	1.00	<5	<5	10	7	0.90	<50
W636664		3.10	<0.001	<1	0.69	20	<50	<5	<10	1.52	<5	<5	10	5	2.01	<50
W636665		3.26	<0.001	<1	0.28	20	<50	<5	<10	0.61	<5	<5	10	12	0.70	<50
W636666		3.20	<0.001	<1	1.33	20	310	<5	<10	4.72	<5	16	94	20	3.63	<50
W636667		3.56	<0.001	<1	1.89	10	1100	<5	<10	2.97	<5	18	61	17	3.83	<50
W636668		3.42	0.006	<1	0.32	20	<50	<5	10	0.69	<5	<5	8	6	0.47	<50
W636669		2.94	<0.001	<1	0.44	10	<50	<5	<10	0.99	<5	<5	7	<5	0.46	<50
W636670		3.20	0.006	<1	1.03	20	80	<5	10	3.49	<5	11	64	13	2.13	<50
W636671		3.22	0.033	<1	0.55	10	<50	<5	10	0.93	<5	<5	7	6	0.61	<50
W636672		3.58	0.001	<1	0.55	10	<50	<5	<10	0.92	<5	<5	14	<5	0.97	<50
W636673		2.62	<0.001	<1	0.46	10	<50	<5	<10	0.88	<5	<5	19	7	1.24	<50
W636674		3.04	0.019	<1	1.09	10	130	<5	<10	4.07	<5	12	15	6	2.95	<50
W636675		2.72	<0.001	<1	0.48	10	150	<5	<10	1.20	<5	<5	9	5	0.65	<50
W636676		3.06	0.001	<1	0.44	20	70	<5	<10	1.41	<5	<5	8	<5	0.59	<50
W636677		3.40	<0.001	<1	0.35	30	<50	<5	<10	1.02	<5	<5	9	<5	0.70	<50
W636678		3.20	<0.001	<1	0.70	10	60	<5	<10	2.11	<5	6	19	<5	1.76	<50
W636679		2.60	<0.001	<1	0.51	10	<50	<5	<10	1.78	<5	<5	15	5	1.05	<50
W636680		2.98	0.009	<1	0.45	10	<50	<5	<10	2.55	<5	<5	10	9	0.89	<50
W636681		3.14	0.005	<1	0.67	20	140	<5	10	2.17	<5	<5	13	7	1.89	<50
W636682		3.06	<0.001	33	0.68	<10	80	<5	10	3.08	<5	5	15	6	3.00	<50
W636683		3.18	<0.001	<1	0.90	10	170	<5	<10	2.85	<5	11	17	8	3.80	<50
W636684		3.12	<0.001	<1	1.80	30	820	<5	10	3.41	<5	19	44	13	4.27	<50
W636685		3.08	<0.001	<1	0.90	20	60	<5	<10	1.85	<5	5	24	11	2.67	<50
W636686		0.28	1.480	31	1.21	540	650	<5	<10	0.27	31	6	13	138	5.43	<50
W636687		2.88	<0.001	<1	0.43	<10	<50	<5	<10	1.08	<5	<5	12	6	1.67	<50
W636688		3.36	<0.001	<1	0.57	10	<50	<5	10	1.27	<5	<5	12	6	2.17	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636653		<5	0.18	<50	0.21	290	<5	<0.05	9	140	10	<0.05	<10	<5	31	<100
W636654		<5	0.26	<50	0.39	300	<5	0.05	<5	140	<10	0.09	20	6	38	<100
W636655		<5	0.23	<50	0.05	170	<5	0.05	<5	80	<10	<0.05	10	<5	20	<100
W636656		<5	0.19	<50	<0.05	110	<5	0.06	5	<50	<10	<0.05	<10	<5	19	<100
W636657		<5	0.16	<50	<0.05	90	<5	<0.05	<5	<50	10	<0.05	<10	<5	21	<100
W636658		<5	0.20	<50	0.05	150	<5	0.07	<5	<50	<10	<0.05	10	<5	16	<100
W636659		<5	0.13	<50	0.06	90	<5	0.05	<5	<50	10	<0.05	<10	<5	11	<100
W636660		<5	0.14	<50	0.10	140	<5	<0.05	5	<50	<10	<0.05	10	<5	15	<100
W636661		<5	0.21	<50	0.06	160	<5	0.07	5	<50	<10	<0.05	10	<5	12	<100
W636662		<5	<0.05	<50	12.30	220	<5	<0.05	<5	190	<10	<0.05	10	<5	47	<100
W636663		<5	0.16	<50	0.07	130	<5	0.06	<5	150	10	<0.05	10	<5	16	<100
W636664		<5	0.34	<50	0.37	280	<5	0.05	6	120	<10	<0.05	10	9	30	<100
W636665		<5	0.13	<50	0.12	90	<5	0.07	<5	<50	<10	<0.05	20	<5	15	<100
W636666		<5	0.76	<50	1.76	760	<5	0.06	33	390	20	<0.05	<10	11	98	<100
W636667		<5	1.40	<50	1.84	650	<5	<0.05	22	840	10	0.08	10	10	102	<100
W636668		<5	0.15	<50	<0.05	80	<5	0.06	<5	<50	10	<0.05	20	<5	16	<100
W636669		<5	0.15	<50	<0.05	80	<5	<0.05	<5	<50	10	<0.05	<10	<5	17	<100
W636670		<5	0.59	<50	1.04	470	<5	<0.05	20	230	10	<0.05	20	7	61	<100
W636671		<5	0.14	<50	<0.05	110	<5	<0.05	5	<50	10	<0.05	10	<5	17	<100
W636672		<5	0.21	<50	0.14	150	<5	0.06	<5	110	10	<0.05	<10	<5	16	<100
W636673		<5	0.16	<50	0.15	180	<5	0.05	<5	120	10	<0.05	10	<5	18	<100
W636674		<5	0.54	<50	1.40	770	<5	0.05	<5	540	20	0.12	20	7	75	<100
W636675		<5	0.23	<50	0.09	170	<5	0.05	<5	60	10	0.05	<10	<5	28	<100
W636676		<5	0.19	50	0.14	150	<5	0.05	<5	60	10	<0.05	10	<5	29	<100
W636677		<5	0.14	50	0.07	110	<5	0.07	<5	70	<10	<0.05	20	<5	22	<100
W636678		<5	0.35	<50	0.45	360	<5	0.05	5	270	10	0.18	20	<5	38	<100
W636679		<5	0.31	<50	0.38	230	<5	<0.05	<5	160	<10	<0.05	<10	<5	25	<100
W636680		<5	0.22	<50	0.26	230	<5	<0.05	8	160	10	0.23	10	<5	48	<100
W636681		<5	0.25	<50	0.45	330	<5	0.06	<5	170	<10	0.15	10	8	51	<100
W636682		<5	0.30	<50	0.91	490	<5	0.06	9	240	10	0.11	10	16	65	<100
W636683		<5	0.51	<50	1.05	590	<5	0.06	7	310	<10	0.65	10	16	60	<100
W636684		<5	1.02	<50	1.64	790	<5	0.07	14	870	<10	0.24	10	14	103	<100
W636685		<5	0.41	<50	0.63	440	<5	0.05	12	340	<10	0.06	30	13	40	<100
W636686		<5	0.51	<50	0.10	1050	<5	<0.05	5	1470	3440	0.43	20	5	167	<100
W636687		<5	0.14	<50	0.23	210	<5	0.07	<5	210	10	0.07	10	8	24	<100
W636688		<5	0.21	<50	0.31	260	<5	0.09	<5	330	<10	0.11	10	9	23	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636653		<0.05	<50	<50	9	<50	20
W636654		<0.05	<50	<50	16	<50	20
W636655		<0.05	<50	<50	<5	<50	<10
W636656		<0.05	<50	<50	<5	<50	10
W636657		<0.05	<50	<50	<5	<50	<10
W636658		<0.05	<50	<50	<5	<50	10
W636659		<0.05	<50	<50	<5	<50	<10
W636660		<0.05	<50	<50	5	<50	10
W636661		<0.05	<50	<50	<5	<50	10
W636662		<0.05	<50	<50	<5	<50	20
W636663		<0.05	<50	<50	<5	<50	10
W636664		<0.05	<50	<50	27	<50	20
W636665		<0.05	<50	<50	<5	<50	10
W636666		0.07	<50	<50	69	<50	70
W636667		0.17	<50	<50	86	<50	60
W636668		<0.05	<50	<50	<5	<50	<10
W636669		<0.05	<50	<50	<5	<50	<10
W636670		<0.05	<50	<50	43	<50	40
W636671		<0.05	<50	<50	<5	<50	<10
W636672		<0.05	<50	<50	7	<50	10
W636673		<0.05	<50	<50	11	<50	10
W636674		<0.05	<50	<50	48	<50	80
W636675		<0.05	<50	<50	<5	<50	10
W636676		<0.05	<50	<50	<5	<50	10
W636677		<0.05	<50	<50	<5	<50	10
W636678		<0.05	<50	<50	20	<50	20
W636679		<0.05	<50	<50	12	<50	20
W636680		<0.05	<50	<50	<5	<50	20
W636681		<0.05	<50	<50	24	<50	30
W636682		<0.05	<50	<50	56	<50	30
W636683		0.06	<50	<50	69	<50	40
W636684		0.13	<50	<50	85	<50	60
W636685		0.05	<50	<50	44	<50	30
W636686		<0.05	<50	<50	59	<50	2330
W636687		<0.05	<50	<50	6	<50	10
W636688		<0.05	<50	<50	<5	<50	60



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186548

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17186549

Project: Dan Man
 P.O. No.: 1006216-Batch 34
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41a Ag ppm	ME-ICP41a Al %	ME-ICP41a As ppm	ME-ICP41a Ba ppm	ME-ICP41a Be ppm	ME-ICP41a Bi ppm	ME-ICP41a Ca %	ME-ICP41a Cd ppm	ME-ICP41a Co ppm	ME-ICP41a Cr ppm	ME-ICP41a Cu ppm	ME-ICP41a Fe %	ME-ICP41a Ga ppm
		0.02	0.001	1	0.05	10	50	5	10	0.05	5	5	5	5	0.05	50
W636689		2.96	<0.001	<1	0.60	10	<50	<5	<10	1.70	<5	<5	10	7	1.24	<50
W636690		2.68	<0.001	<1	0.56	<10	<50	<5	<10	1.16	<5	<5	9	5	1.18	<50
W636691		2.04	0.002	<1	2.39	20	160	<5	10	0.90	<5	25	95	26	3.36	<50
W636692		2.12	<0.001	<1	1.56	10	140	<5	10	0.65	<5	22	66	20	2.94	<50
W636693		2.70	0.003	<1	0.45	30	120	<5	10	0.14	<5	6	18	13	2.19	<50
W636694		2.68	0.001	<1	0.55	20	70	<5	<10	0.16	<5	5	18	26	1.62	<50
W636695		3.14	0.001	<1	0.37	20	<50	<5	10	0.08	<5	<5	10	6	1.07	<50
W636696		2.72	0.002	<1	0.30	10	<50	<5	10	0.08	<5	<5	10	6	0.93	<50
W636697		2.82	0.005	<1	0.39	30	<50	<5	10	0.08	<5	<5	12	11	1.01	<50
W636698		2.46	0.001	<1	0.47	10	160	<5	10	0.09	<5	<5	11	19	1.01	<50
W636699		2.66	0.005	<1	0.48	10	80	<5	10	0.07	<5	<5	13	8	1.13	<50
W636700		2.84	<0.001	<1	0.56	30	80	<5	10	0.14	<5	7	15	10	1.59	<50
W636701		2.60	0.009	<1	0.40	<10	50	<5	<10	0.07	<5	<5	13	10	1.05	<50
W636702		2.32	0.003	<1	<0.05	10	<50	<5	10	21.2	<5	<5	<5	<5	0.49	<50
W636703		2.56	0.004	<1	0.64	20	90	<5	<10	0.17	<5	7	14	7	1.93	<50
W636704		2.28	0.008	<1	0.78	20	100	<5	10	0.17	<5	16	34	7	2.89	<50
W636705		2.50	0.002	1	1.60	10	110	<5	10	0.67	<5	14	58	15	2.80	<50
W636706		2.62	0.015	<1	0.55	10	60	<5	<10	0.19	<5	<5	10	5	1.54	<50
W636707		2.42	0.001	<1	0.63	10	60	<5	10	0.14	<5	<5	11	10	1.52	<50
W636708		2.96	<0.001	<1	0.39	10	<50	<5	<10	0.09	<5	<5	13	7	1.14	<50
W636709		2.70	0.001	<1	0.46	<10	<50	<5	<10	0.11	<5	<5	12	7	1.34	<50
W636710		3.18	<0.001	<1	0.61	10	<50	<5	<10	0.38	<5	<5	12	6	1.36	<50
W636711		3.02	<0.001	<1	0.48	10	<50	<5	<10	0.22	<5	<5	11	<5	1.28	<50
W636712		3.06	<0.001	<1	0.37	<10	<50	<5	<10	0.10	<5	5	12	<5	1.07	<50
W636713		3.08	0.003	<1	0.83	10	<50	<5	<10	0.11	<5	6	20	5	2.32	<50
W636714		3.14	<0.001	<1	0.74	10	<50	<5	<10	0.36	<5	<5	13	<5	1.62	<50
W636715		3.30	<0.001	<1	0.59	10	<50	<5	<10	0.28	<5	<5	14	5	1.41	<50
W636716		3.12	<0.001	<1	0.72	<10	<50	<5	10	0.20	<5	<5	15	6	1.67	<50
W636717		2.98	0.004	<1	1.45	30	70	<5	10	0.33	<5	9	36	13	3.02	<50
W636718		3.18	<0.001	<1	0.63	10	200	<5	<10	0.24	<5	<5	15	10	1.88	<50
W636719		2.96	0.002	<1	0.59	10	160	<5	10	0.11	<5	7	15	11	1.77	<50
W636720		0.28	1.125	<1	0.59	240	120	<5	20	18.55	<5	<5	27	80	2.54	<50
W636721		2.90	<0.001	<1	2.70	30	370	<5	10	0.75	<5	21	63	13	4.31	<50
W636722		3.34	<0.001	<1	0.88	10	160	<5	<10	0.51	<5	7	24	10	1.75	<50
W636723		3.20	<0.001	<1	0.87	10	90	<5	<10	0.18	<5	6	22	6	2.01	<50
W636724		3.12	<0.001	<1	0.70	20	260	<5	10	0.19	<5	<5	11	9	1.91	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636689		<5	0.22	<50	0.33	190	<5	0.06	5	130	10	<0.05	<10	7	22	<100
W636690		<5	0.23	<50	0.27	170	<5	0.07	<5	110	<10	<0.05	10	6	19	<100
W636691		<5	1.13	<50	2.26	800	<5	<0.05	47	810	10	<0.05	10	7	31	<100
W636692		<5	0.69	<50	1.10	610	<5	<0.05	28	570	10	<0.05	20	8	22	<100
W636693		<5	0.20	50	0.13	600	<5	0.05	13	270	70	<0.05	10	<5	9	<100
W636694		<5	0.24	<50	0.18	280	<5	<0.05	9	280	20	<0.05	10	<5	9	<100
W636695		<5	0.15	<50	0.07	160	<5	0.10	<5	150	10	<0.05	<10	<5	8	<100
W636696		<5	0.14	<50	<0.05	180	<5	0.08	<5	150	10	<0.05	10	<5	10	<100
W636697		<5	0.15	<50	0.05	130	<5	0.08	6	120	10	<0.05	10	<5	9	<100
W636698		<5	0.19	<50	0.08	680	<5	<0.05	13	130	30	<0.05	20	<5	10	<100
W636699		<5	0.20	<50	0.06	310	<5	0.05	8	160	20	<0.05	10	<5	11	<100
W636700		<5	0.30	<50	0.16	330	<5	<0.05	13	380	10	<0.05	10	<5	11	<100
W636701		<5	0.21	<50	0.06	180	<5	0.08	<5	150	<10	<0.05	20	<5	8	<100
W636702		<5	<0.05	<50	12.05	240	<5	<0.05	<5	190	<10	<0.05	<10	<5	42	<100
W636703		<5	0.33	<50	0.12	390	<5	<0.05	10	330	20	<0.05	30	<5	12	<100
W636704		<5	0.33	<50	0.12	780	<5	<0.05	23	460	20	<0.05	20	5	13	<100
W636705		<5	0.33	<50	1.02	610	<5	0.05	17	510	50	<0.05	10	8	64	<100
W636706		<5	0.24	<50	0.14	370	<5	0.06	<5	260	20	<0.05	10	<5	15	<100
W636707		<5	0.30	<50	0.13	320	<5	0.06	5	300	10	<0.05	10	<5	11	<100
W636708		<5	0.17	<50	0.09	220	<5	0.07	6	140	10	<0.05	20	<5	9	<100
W636709		<5	0.17	<50	0.16	230	<5	0.10	6	180	<10	<0.05	10	<5	16	<100
W636710		<5	0.15	<50	0.17	230	<5	0.07	5	240	<10	<0.05	<10	<5	38	<100
W636711		<5	0.14	<50	0.12	170	<5	0.10	<5	160	10	<0.05	10	<5	24	<100
W636712		<5	0.12	<50	0.12	190	<5	0.09	<5	130	110	<0.05	10	<5	14	<100
W636713		<5	0.19	<50	0.37	350	<5	0.07	<5	210	210	<0.05	10	5	10	<100
W636714		<5	0.18	<50	0.28	240	<5	0.07	<5	250	60	<0.05	10	<5	42	<100
W636715		<5	0.13	<50	0.22	180	<5	0.11	<5	210	<10	<0.05	10	<5	35	<100
W636716		<5	0.14	<50	0.42	330	<5	0.06	<5	310	20	<0.05	10	<5	18	<100
W636717		<5	0.23	<50	1.00	630	<5	0.08	14	720	700	<0.05	10	6	17	<100
W636718		<5	0.15	<50	0.25	260	<5	0.08	<5	170	390	<0.05	20	<5	30	<100
W636719		<5	0.39	<50	0.15	350	<5	<0.05	5	330	340	0.05	10	<5	13	<100
W636720		<5	0.23	<50	3.25	1750	72	<0.05	84	1090	20	0.91	10	<5	196	<100
W636721		<5	1.68	<50	2.11	930	<5	<0.05	29	1510	20	<0.05	10	8	42	<100
W636722		<5	0.43	<50	0.52	250	<5	0.09	8	470	10	<0.05	10	<5	31	<100
W636723		<5	0.51	<50	0.39	310	<5	0.05	<5	360	<10	<0.05	10	5	17	<100
W636724		<5	0.28	<50	0.27	290	<5	0.11	<5	200	10	0.17	10	5	18	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636689		<0.05	<50	<50	<5	<50	30
W636690		<0.05	<50	<50	<5	<50	10
W636691		0.32	<50	<50	75	<50	60
W636692		0.22	<50	<50	58	<50	50
W636693		<0.05	<50	<50	16	<50	50
W636694		<0.05	<50	<50	18	<50	40
W636695		<0.05	<50	<50	8	<50	20
W636696		<0.05	<50	<50	6	<50	20
W636697		<0.05	<50	<50	6	<50	20
W636698		<0.05	<50	<50	<5	<50	30
W636699		<0.05	<50	<50	7	<50	30
W636700		<0.05	<50	<50	11	<50	60
W636701		<0.05	<50	<50	5	<50	30
W636702		<0.05	<50	<50	<5	<50	20
W636703		<0.05	<50	<50	14	<50	70
W636704		<0.05	<50	<50	26	<50	220
W636705		0.11	<50	<50	43	<50	50
W636706		<0.05	<50	<50	7	<50	20
W636707		<0.05	<50	<50	9	<50	30
W636708		<0.05	<50	<50	<5	<50	20
W636709		<0.05	<50	<50	6	<50	20
W636710		<0.05	<50	<50	<5	<50	20
W636711		<0.05	<50	<50	<5	<50	30
W636712		<0.05	<50	<50	<5	<50	120
W636713		<0.05	<50	<50	8	<50	310
W636714		<0.05	<50	<50	7	<50	140
W636715		<0.05	<50	<50	8	<50	50
W636716		<0.05	<50	<50	13	<50	190
W636717		0.09	<50	<50	36	<50	570
W636718		<0.05	<50	<50	<5	<50	350
W636719		<0.05	<50	<50	8	<50	310
W636720		<0.05	<50	<50	185	<50	440
W636721		0.26	<50	<50	64	<50	210
W636722		0.09	<50	<50	21	<50	40
W636723		0.05	<50	<50	11	<50	40
W636724		0.05	<50	<50	5	<50	20



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Page: **Appendix 1**
Total # Appendix Pages: **1**
Finalized Date: **16-OCT-2017**
Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186549

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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 Plus Appendix Pages
 Finalized Date: 4-OCT-2017
 Account: DEVARC

CERTIFICATE WH17186551

Project: Dan Man
 P.O. No.: 1006216-Batch 35
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Finalized Date: 4-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186551

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W636725		3.34	0.001	<1	0.57	<10	<50	<5	10	0.19	<5	<5	13	18	1.28	<50
W636726		2.74	<0.001	<1	2.08	<10	110	<5	<10	0.65	<5	12	171	9	3.49	<50
W636727		2.98	<0.001	1	0.41	<10	60	<5	<10	0.08	<5	<5	11	7	1.05	<50
W636728		2.92	0.006	1	0.35	<10	460	<5	<10	<0.05	<5	<5	9	56	0.95	<50
W636729		3.30	<0.001	<1	0.33	<10	<50	<5	10	<0.05	<5	<5	10	12	0.72	<50
W636730		3.38	<0.001	1	0.24	<10	<50	<5	<10	<0.05	<5	<5	12	7	0.64	<50
W636731		0.32	1.415	33	1.16	500	650	<5	<10	0.26	31	5	14	139	5.38	<50
W636732		3.16	<0.001	1	0.38	<10	<50	<5	<10	0.07	<5	<5	12	9	0.90	<50
W636733		2.94	<0.001	<1	0.30	<10	50	<5	<10	0.07	<5	<5	11	7	0.71	<50
W636734		3.04	0.001	<1	1.07	<10	80	<5	<10	0.40	<5	6	24	12	2.09	<50
W636735		2.84	<0.001	<1	0.90	<10	70	<5	<10	0.54	<5	<5	12	9	1.94	<50
W636736		3.00	<0.001	1	2.05	<10	260	<5	<10	0.82	<5	13	39	9	3.82	<50
W636737		2.86	<0.001	<1	1.11	<10	130	<5	<10	0.40	<5	8	33	6	1.92	<50
W636738		3.32	<0.001	1	0.28	<10	<50	<5	<10	0.06	<5	<5	12	10	0.82	<50
W636739		2.62	<0.001	<1	3.53	<10	780	<5	<10	4.14	<5	27	44	18	5.20	<50
W636740		3.08	0.001	<1	1.84	<10	380	<5	<10	2.50	<5	11	46	15	2.97	<50
W636741		3.12	<0.001	1	0.26	<10	<50	<5	<10	0.31	<5	<5	14	5	0.64	<50
W636742		2.82	<0.001	<1	2.17	<10	290	<5	<10	2.87	<5	13	50	10	3.72	<50
W636743		2.80	0.001	<1	0.52	<10	<50	<5	<10	1.03	<5	5	16	15	1.21	<50
W636744		2.98	<0.001	<1	0.39	<10	50	<5	<10	0.97	<5	<5	13	<5	0.76	<50
W636745		2.96	<0.001	1	0.96	20	100	<5	<10	1.37	<5	<5	25	<5	1.57	<50
W636746		3.48	<0.001	<1	0.47	<10	<50	<5	<10	1.32	<5	<5	16	<5	0.96	<50
W636747		2.84	<0.001	1	0.41	10	<50	<5	<10	1.31	<5	<5	15	<5	0.81	<50
W636748		2.66	<0.001	<1	0.48	<10	50	<5	<10	1.48	<5	<5	17	7	1.07	<50
W636749		2.50	<0.001	<1	0.38	<10	<50	<5	<10	1.94	<5	<5	16	9	1.03	<50
W636750		2.48	<0.001	<1	0.52	<10	50	<5	<10	1.02	<5	<5	14	<5	0.97	<50
W636751		2.82	<0.001	<1	0.33	<10	<50	<5	<10	1.09	<5	<5	11	7	0.99	<50
W636752		2.56	<0.001	<1	0.73	<10	50	<5	<10	2.27	<5	6	8	<5	2.84	<50
W636753		3.00	<0.001	<1	1.26	<10	170	<5	<10	4.74	<5	16	27	<5	4.60	<50
W636754		2.60	<0.001	<1	1.45	<10	160	<5	<10	5.98	<5	21	50	<5	4.91	<50
W636755		2.54	0.134	<1	0.73	310	<50	<5	<10	2.50	<5	5	10	17	1.65	<50
W636756		2.60	<0.001	<1	0.53	20	<50	<5	<10	7.85	<5	<5	7	<5	1.22	<50
W636757		2.32	<0.001	<1	<0.05	<10	<50	<5	<10	20.9	<5	<5	<5	<5	0.47	<50
W636758		2.56	0.013	1	0.45	<10	<50	<5	<10	1.31	<5	<5	7	5	0.83	<50
W636759		2.36	<0.001	<1	0.51	<10	<50	<5	<10	0.92	<5	<5	10	<5	0.74	<50
W636760		2.64	<0.001	<1	0.37	10	<50	<5	<10	1.05	<5	<5	10	<5	0.52	<50



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 Finalized Date: 4-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186551

Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
Units		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636725		<5	0.27	<50	0.24	170	<5	0.08	9	180	20	<0.05	10	<5	15	<100
W636726		<5	1.36	<50	2.04	640	<5	<0.05	12	590	10	<0.05	10	8	20	<100
W636727		<5	0.25	<50	0.06	150	5	0.05	<5	180	10	<0.05	20	<5	11	<100
W636728		<5	0.21	<50	<0.05	110	9	<0.05	<5	140	970	0.06	10	<5	10	<100
W636729		<5	0.24	<50	<0.05	100	5	<0.05	5	120	590	<0.05	10	<5	11	<100
W636730		7	0.17	<50	<0.05	110	<5	<0.05	<5	100	60	<0.05	<10	<5	9	<100
W636731		<5	0.48	<50	0.09	1040	6	<0.05	7	1420	3330	0.42	40	<5	159	<100
W636732		<5	0.26	<50	0.09	150	<5	<0.05	6	190	20	<0.05	20	<5	13	<100
W636733		<5	0.20	<50	<0.05	150	<5	0.06	8	130	10	<0.05	<10	<5	9	<100
W636734		<5	0.46	<50	0.67	350	<5	0.06	13	470	10	<0.05	<10	<5	31	<100
W636735		<5	0.38	<50	0.60	250	<5	0.08	<5	240	20	<0.05	10	6	25	<100
W636736		<5	1.18	<50	1.66	570	<5	0.06	13	790	10	<0.05	<10	7	41	<100
W636737		<5	0.69	<50	0.79	340	<5	0.05	14	400	10	<0.05	<10	5	10	<100
W636738		<5	0.18	<50	<0.05	100	<5	0.05	<5	80	130	<0.05	10	<5	6	<100
W636739		<5	2.47	<50	2.91	1030	<5	<0.05	21	1250	40	0.07	30	11	60	<100
W636740		<5	1.35	<50	1.38	630	<5	<0.05	23	730	50	<0.05	10	6	43	<100
W636741		<5	0.09	<50	<0.05	70	<5	0.08	<5	50	10	<0.05	10	<5	16	<100
W636742		<5	1.64	<50	1.78	630	<5	<0.05	16	620	10	0.07	<10	12	44	<100
W636743		<5	0.33	<50	0.18	210	<5	<0.05	7	160	240	<0.05	10	<5	19	<100
W636744		<5	0.18	<50	0.06	130	<5	0.06	5	130	20	<0.05	10	<5	21	<100
W636745		<5	0.50	<50	0.45	310	<5	<0.05	7	640	10	<0.05	20	<5	30	<100
W636746		<5	0.22	<50	0.11	150	<5	0.05	<5	430	10	<0.05	10	<5	25	<100
W636747		<5	0.18	<50	0.09	130	<5	0.06	5	410	10	<0.05	<10	<5	23	<100
W636748		<5	0.17	<50	0.09	270	<5	0.06	7	430	10	<0.05	10	<5	23	<100
W636749		<5	0.15	<50	0.41	240	<5	0.07	7	400	20	<0.05	10	<5	26	<100
W636750		<5	0.17	<50	0.17	260	<5	0.05	6	370	10	<0.05	10	<5	28	<100
W636751		<5	0.12	<50	0.09	220	<5	0.06	8	230	10	<0.05	10	<5	17	<100
W636752		<5	0.21	<50	0.23	440	<5	0.05	5	280	10	<0.05	10	15	20	<100
W636753		<5	0.62	<50	1.73	900	<5	<0.05	20	600	20	0.16	20	19	77	<100
W636754		<5	0.53	<50	2.30	1040	<5	<0.05	26	980	20	0.16	20	22	96	<100
W636755		<5	0.16	<50	0.73	400	<5	<0.05	5	90	40	<0.05	10	<5	50	<100
W636756		<5	0.07	<50	3.52	350	<5	<0.05	6	200	10	<0.05	30	<5	27	<100
W636757		<5	<0.05	<50	11.80	230	<5	<0.05	<5	150	10	<0.05	30	<5	48	<100
W636758		<5	0.11	<50	0.10	210	<5	<0.05	<5	60	10	<0.05	<10	<5	15	<100
W636759		<5	0.10	<50	0.08	130	<5	<0.05	5	<50	10	<0.05	10	<5	11	<100
W636760		<5	0.09	<50	0.10	130	<5	<0.05	<5	<50	10	<0.05	20	<5	16	<100



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186551

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636725		0.05	<50	<50	<5	<50	10
W636726		0.19	<50	<50	68	<50	30
W636727		<0.05	<50	<50	<5	<50	30
W636728		<0.05	<50	<50	<5	<50	370
W636729		<0.05	<50	<50	<5	<50	320
W636730		<0.05	<50	<50	<5	<50	70
W636731		<0.05	<50	<50	57	<50	2310
W636732		<0.05	<50	<50	5	<50	30
W636733		<0.05	<50	<50	<5	<50	10
W636734		0.11	<50	<50	19	<50	30
W636735		0.10	<50	<50	22	<50	50
W636736		0.25	<50	<50	72	<50	40
W636737		0.08	<50	<50	22	<50	40
W636738		<0.05	<50	<50	<5	<50	10
W636739		0.33	<50	<50	139	<50	110
W636740		0.14	<50	<50	49	<50	90
W636741		<0.05	<50	<50	<5	<50	<10
W636742		0.15	<50	<50	63	<50	60
W636743		<0.05	<50	<50	12	<50	40
W636744		<0.05	<50	<50	<5	<50	10
W636745		<0.05	<50	<50	19	<50	20
W636746		<0.05	<50	<50	7	<50	20
W636747		<0.05	<50	<50	6	<50	<10
W636748		<0.05	<50	<50	9	<50	30
W636749		<0.05	<50	<50	7	<50	30
W636750		<0.05	<50	<50	<5	<50	40
W636751		<0.05	<50	<50	<5	<50	50
W636752		<0.05	<50	<50	81	<50	70
W636753		0.08	<50	<50	110	<50	110
W636754		0.06	<50	<50	132	<50	120
W636755		<0.05	<50	<50	17	<50	50
W636756		<0.05	<50	<50	5	<50	70
W636757		<0.05	<50	<50	<5	<50	20
W636758		<0.05	<50	<50	<5	<50	40
W636759		<0.05	<50	<50	<5	<50	10
W636760		<0.05	<50	<50	<5	<50	<10



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Finalized Date: **4-OCT-2017**
Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186551

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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 Account: DEVARC

CERTIFICATE WH17186556

Project: Dan Man
 P.O. No.: 1006216-Batch 36
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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To: ARCUS DEVELOPMENT GROUP
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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186556

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W636761		2.86	<0.001	<1	0.37	10	<50	<5	<10	0.72	<5	<5	10	17	0.48	<50
W636762		2.90	<0.001	<1	0.61	10	50	<5	<10	1.53	<5	<5	36	11	1.49	<50
W636763		2.76	<0.001	<1	1.80	10	500	<5	<10	4.25	<5	16	128	30	3.78	<50
W636764		2.32	<0.001	<1	0.34	10	<50	<5	<10	1.46	<5	<5	13	<5	1.03	<50
W636765		2.08	0.002	<1	0.33	<10	<50	<5	<10	1.04	<5	<5	13	8	1.01	<50
W636766		2.12	<0.001	<1	0.21	10	<50	<5	<10	0.45	<5	<5	20	6	0.86	<50
W636767		2.36	<0.001	<1	0.31	<10	<50	<5	<10	0.62	<5	<5	12	5	0.59	<50
W636768		3.46	0.018	<1	0.38	<10	<50	<5	<10	0.38	<5	<5	8	7	0.82	<50
W636769		3.54	0.006	<1	0.32	10	<50	<5	<10	0.20	<5	<5	9	<5	0.60	<50
W636770		3.60	0.003	<1	0.30	<10	<50	<5	<10	0.35	<5	<5	11	13	0.52	<50
W636771		2.32	0.004	<1	<0.05	<10	<50	<5	<10	21.0	<5	<5	<5	<5	0.43	<50
W636772		3.14	0.006	<1	0.26	10	<50	<5	<10	0.38	<5	26	15	7	0.71	<50
W636773		2.26	0.002	<1	0.30	<10	<50	<5	<10	0.65	<5	<5	11	<5	0.65	<50
W636774		3.34	0.002	<1	0.27	10	<50	<5	<10	0.58	<5	<5	15	<5	0.79	<50
W636775		3.68	<0.001	<1	0.40	<10	<50	<5	<10	0.70	<5	<5	18	5	0.87	<50
W636776		2.36	0.004	<1	1.53	30	260	<5	<10	4.51	<5	11	33	8	3.60	<50
W636777		2.82	0.002	<1	0.95	20	90	<5	<10	1.38	<5	6	22	6	1.79	<50
W636778		2.92	0.001	<1	1.88	10	240	<5	<10	2.71	<5	10	64	13	3.01	<50
W636779		3.38	0.001	<1	0.52	30	<50	<5	<10	0.54	<5	<5	15	13	1.12	<50
W636780		3.30	<0.001	<1	1.01	30	110	<5	<10	1.44	<5	7	29	11	1.79	<50
W636781		2.94	0.001	<1	1.40	30	120	<5	<10	2.18	<5	10	62	11	2.35	<50
W636783		3.32	<0.001	<1	0.58	10	50	<5	<10	1.62	<5	<5	23	6	1.31	<50
W636786		3.40	<0.001	1	1.32	10	70	<5	<10	1.76	<5	7	12	10	2.71	<50
W636787		2.80	<0.001	<1	1.13	10	50	<5	<10	1.45	<5	6	10	7	2.56	<50
W636788		3.48	<0.001	<1	0.90	10	<50	<5	<10	1.50	<5	<5	23	6	2.28	<50
W636782		3.40	<0.001	<1	0.50	<10	<50	<5	<10	1.11	<5	<5	16	<5	0.96	<50
W636784		2.82	<0.001	<1	1.11	20	50	<5	<10	1.74	<5	<5	13	7	2.34	<50
W636785		2.94	<0.001	<1	1.45	20	60	<5	<10	2.02	<5	7	13	8	2.94	<50
W636789		3.10	0.001	<1	1.38	20	130	<5	<10	0.49	<5	11	18	24	2.92	<50
W636790		2.38	<0.001	<1	1.96	20	250	<5	<10	2.25	<5	13	74	12	3.46	<50
W636791		0.30	1.400	30	1.18	530	640	<5	<10	0.27	32	<5	13	139	5.39	<50
W636792		2.40	<0.001	<1	1.45	10	220	<5	<10	2.02	<5	11	32	39	3.02	<50
W636793		2.52	<0.001	<1	1.79	30	370	<5	<10	5.52	<5	21	138	24	4.29	<50
W636794		2.34	<0.001	<1	0.44	20	60	<5	<10	1.04	<5	<5	9	25	1.53	<50
W636795		1.90	<0.001	<1	1.51	20	270	<5	<10	2.41	<5	14	65	15	3.48	<50
W636796		2.42	<0.001	<1	2.62	<10	630	<5	<10	2.74	<5	15	68	16	3.98	<50



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186556

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636761		<5	0.10	<50	<0.05	90	<5	<0.05	7	<50	20	<0.05	<10	<5	<5	<100
W636762		<5	0.34	<50	0.47	280	<5	<0.05	14	110	10	<0.05	<10	<5	24	<100
W636763		<5	0.96	<50	1.49	800	<5	<0.05	48	500	20	0.05	10	15	144	<100
W636764		<5	0.12	<50	0.21	180	<5	<0.05	<5	60	10	<0.05	<10	<5	26	<100
W636765		<5	0.15	<50	0.14	150	5	<0.05	6	<50	10	<0.05	<10	<5	24	<100
W636766		<5	0.07	<50	<0.05	90	7	0.05	6	<50	<10	<0.05	<10	<5	6	<100
W636767		<5	0.13	<50	<0.05	90	<5	<0.05	5	<50	10	<0.05	10	<5	5	<100
W636768		<5	0.14	<50	0.06	160	<5	<0.05	6	<50	20	<0.05	10	<5	12	<100
W636769		<5	0.14	<50	<0.05	150	<5	<0.05	5	<50	<10	<0.05	<10	<5	5	<100
W636770		<5	0.13	<50	<0.05	90	<5	0.05	9	<50	60	<0.05	10	<5	<5	<100
W636771		<5	<0.05	<50	11.75	200	<5	<0.05	8	160	10	<0.05	<10	<5	20	<100
W636772		<5	0.10	<50	0.05	110	<5	0.05	<5	<50	10	<0.05	<10	<5	6	<100
W636773		<5	0.13	<50	<0.05	110	<5	0.06	5	<50	20	<0.05	10	<5	10	<100
W636774		<5	0.11	<50	<0.05	170	<5	0.05	7	<50	10	<0.05	<10	<5	14	<100
W636775		<5	0.17	<50	0.05	130	<5	0.18	<5	<50	20	0.08	<10	<5	12	<100
W636776		<5	0.77	<50	0.79	800	<5	0.09	10	580	30	0.08	<10	12	23	<100
W636777		<5	0.49	<50	0.48	340	<5	<0.05	9	200	10	<0.05	<10	<5	14	<100
W636778		<5	1.02	<50	1.43	620	<5	<0.05	26	720	10	<0.05	<10	8	39	<100
W636779		<5	0.12	50	0.19	170	<5	<0.05	8	80	10	<0.05	<10	<5	15	<100
W636780		<5	0.37	<50	0.58	450	<5	<0.05	13	370	20	<0.05	10	<5	29	<100
W636781		<5	0.57	<50	0.79	500	<5	<0.05	20	550	30	<0.05	10	8	40	<100
W636783		<5	0.24	<50	0.26	260	<5	<0.05	6	290	10	<0.05	<10	<5	20	<100
W636786		<5	0.41	<50	0.63	470	<5	<0.05	<5	220	20	0.12	10	12	36	<100
W636787		<5	0.40	<50	0.64	400	<5	<0.05	<5	200	<10	0.17	<10	10	25	<100
W636788		<5	0.24	<50	0.47	280	<5	<0.05	6	180	<10	<0.05	<10	7	24	<100
W636782		<5	0.21	<50	0.15	220	<5	<0.05	<5	360	20	<0.05	<10	<5	16	<100
W636784		<5	0.50	<50	0.58	390	<5	<0.05	<5	200	20	0.15	<10	11	30	<100
W636785		<5	0.52	<50	0.80	500	5	<0.05	<5	230	10	0.17	10	13	37	<100
W636789		<5	0.30	<50	0.69	440	<5	<0.05	8	600	10	<0.05	<10	8	17	<100
W636790		<5	0.68	<50	1.36	690	<5	<0.05	31	660	10	<0.05	<10	13	30	<100
W636791		8	0.50	<50	0.10	1060	<5	<0.05	8	1400	3400	0.44	20	<5	162	<100
W636792		<5	0.53	<50	0.87	520	<5	<0.05	16	630	20	<0.05	<10	10	26	<100
W636793		<5	0.93	<50	0.99	910	<5	<0.05	53	650	10	<0.05	30	18	15	<100
W636794		<5	0.10	<50	0.10	350	<5	0.05	7	120	10	<0.05	<10	7	<5	<100
W636795		<5	0.75	<50	0.85	760	<5	<0.05	45	470	<10	<0.05	<10	12	17	<100
W636796		<5	1.52	<50	1.83	660	<5	<0.05	28	850	20	<0.05	<10	15	38	<100



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186556

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636761		<0.05	<50	<50	<5	<50	10
W636762		<0.05	<50	<50	18	<50	50
W636763		0.09	<50	<50	84	<50	100
W636764		<0.05	<50	<50	5	<50	30
W636765		<0.05	<50	<50	<5	<50	20
W636766		<0.05	<50	<50	<5	<50	10
W636767		<0.05	<50	<50	<5	<50	<10
W636768		<0.05	<50	<50	<5	<50	30
W636769		<0.05	<50	<50	<5	<50	10
W636770		<0.05	<50	<50	<5	<50	20
W636771		<0.05	<50	<50	<5	<50	10
W636772		<0.05	<50	<50	<5	120	10
W636773		<0.05	<50	<50	<5	<50	10
W636774		<0.05	<50	<50	<5	<50	20
W636775		<0.05	<50	<50	5	<50	20
W636776		0.08	<50	<50	80	<50	80
W636777		0.05	<50	<50	25	<50	50
W636778		0.16	<50	<50	62	<50	60
W636779		<0.05	<50	<50	8	<50	10
W636780		0.06	<50	<50	31	<50	60
W636781		0.06	<50	<50	49	<50	140
W636783		<0.05	<50	<50	16	<50	50
W636786		0.05	<50	<50	59	<50	70
W636787		0.06	<50	<50	58	<50	50
W636788		<0.05	<50	<50	21	<50	20
W636782		<0.05	<50	<50	11	<50	50
W636784		0.06	<50	<50	63	<50	70
W636785		0.06	<50	<50	76	<50	80
W636789		0.11	<50	<50	55	<50	40
W636790		0.10	<50	<50	86	<50	40
W636791		<0.05	<50	<50	58	<50	2350
W636792		0.07	<50	<50	68	<50	30
W636793		0.10	<50	<50	109	<50	60
W636794		<0.05	<50	<50	16	<50	10
W636795		0.09	<50	<50	60	<50	40
W636796		0.21	<50	<50	89	<50	40



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To: **ARCUS DEVELOPMENT GROUP**
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Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17186556

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17189306

Project: Dan Man
 P.O. No.: 1006216-Batch 37
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH17189306

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W636797		2.46	<0.001	<1	2.39	<10	780	<5	10	1.95	<5	20	51	24	4.78	<50
W636798		2.94	<0.001	<1	0.97	<10	140	<5	10	0.81	<5	8	11	7	3.38	<50
W636799		2.78	<0.001	<1	1.24	<10	100	<5	<10	1.18	<5	10	14	10	3.18	<50
W636800		2.90	0.003	<1	0.92	10	100	<5	10	1.07	<5	8	16	<5	3.98	<50
W636801		2.94	0.003	1	1.00	20	130	<5	<10	2.61	<5	11	18	<5	4.04	<50
W636802		2.72	<0.001	<1	0.71	<10	60	<5	<10	1.42	<5	7	15	<5	1.59	<50
W636803		3.12	<0.001	<1	0.42	<10	50	<5	10	0.75	<5	6	13	<5	0.96	<50
W636804		2.90	<0.001	<1	0.97	<10	50	<5	<10	0.95	<5	5	8	5	3.16	<50
W636805		2.82	<0.001	<1	1.61	<10	130	<5	<10	0.95	<5	12	45	7	3.30	<50
W636806		3.28	<0.001	<1	1.13	10	80	<5	<10	1.01	<5	8	39	6	3.20	<50
W636807		2.74	<0.001	<1	2.45	10	150	<5	<10	2.67	<5	18	55	12	4.71	<50
W636808		2.96	<0.001	<1	2.30	10	310	<5	<10	1.36	<5	18	104	9	4.34	<50
W636809		3.10	<0.001	<1	0.74	10	<50	<5	<10	0.41	<5	5	13	<5	2.88	<50
W636810		3.18	<0.001	<1	1.61	<10	210	<5	10	0.80	<5	11	24	<5	3.56	<50
W636811		2.42	0.001	<1	1.55	20	220	<5	10	0.57	<5	12	23	14	3.83	<50
W636812		2.30	0.002	<1	1.74	10	410	<5	<10	0.68	<5	17	32	12	4.24	<50
W636813		0.32	1.130	1	0.60	240	110	<5	20	17.65	<5	6	27	78	2.44	<50
W636814		2.54	0.001	<1	2.00	10	430	<5	<10	2.03	<5	18	26	12	4.71	<50
W636815		2.40	<0.001	<1	3.14	<10	550	<5	10	1.76	<5	21	33	6	5.87	<50
W636816		3.16	0.001	<1	1.48	<10	210	<5	<10	1.21	<5	12	25	8	2.73	<50
W636817		3.04	<0.001	<1	1.34	<10	140	<5	<10	1.28	<5	10	38	7	2.47	<50
W636818		3.40	0.001	<1	1.16	<10	70	<5	10	0.87	<5	6	29	9	2.06	<50
W636819		3.08	0.002	<1	1.22	<10	80	<5	<10	0.71	<5	7	49	14	2.46	<50
W636820		3.50	<0.001	<1	1.38	<10	110	<5	<10	1.02	<5	5	25	9	2.68	<50
W636821		3.46	0.002	<1	0.90	<10	<50	<5	<10	0.75	<5	5	21	5	1.91	<50
W636822		2.38	<0.001	<1	0.87	<10	<50	<5	10	0.46	<5	6	17	5	2.07	<50
W636823		3.18	<0.001	<1	0.72	<10	<50	<5	<10	0.69	<5	5	18	<5	2.06	<50
W636824		3.24	<0.001	<1	0.68	<10	<50	<5	<10	1.09	<5	6	14	5	1.62	<50
W636825		3.34	<0.001	<1	0.88	<10	60	<5	<10	1.48	<5	<5	15	<5	1.71	<50
W636826		3.14	<0.001	<1	0.57	<10	50	<5	<10	1.27	<5	6	18	<5	1.14	<50
W636827		2.88	<0.001	<1	0.80	10	60	<5	<10	3.16	<5	7	27	11	1.93	<50
W636828		2.30	<0.001	<1	<0.05	<10	<50	<5	10	20.6	<5	<5	<5	<5	0.45	<50
W636829		2.54	0.002	<1	1.92	10	160	<5	10	5.70	<5	25	110	43	4.20	<50
W636830		2.10	0.026	<1	0.98	20	100	<5	<10	1.28	<5	11	38	9	2.31	<50
W636831		2.76	0.003	<1	1.15	20	120	<5	<10	4.84	<5	16	30	12	2.65	<50
W636832		2.92	0.001	1	0.54	<10	90	<5	<10	1.82	<5	8	12	<5	1.03	<50



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Project: Dan Man

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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636797		<5	1.36	<50	1.65	780	<5	0.08	27	1380	10	<0.05	10	11	48	<100
W636798		<5	0.35	<50	0.46	400	<5	0.09	8	570	<10	<0.05	20	10	20	<100
W636799		<5	0.28	<50	0.64	450	<5	0.09	12	660	<10	<0.05	10	10	42	<100
W636800		<5	0.26	<50	0.29	430	<5	0.05	7	600	<10	<0.05	30	15	20	<100
W636801		<5	0.29	<50	0.29	650	<5	<0.05	13	610	<10	<0.05	40	19	14	<100
W636802		<5	0.20	<50	0.17	250	<5	0.06	7	370	<10	<0.05	20	10	9	<100
W636803		<5	0.18	<50	0.08	140	<5	0.08	6	150	<10	<0.05	10	<5	12	<100
W636804		<5	0.16	<50	0.34	350	<5	0.07	<5	500	<10	<0.05	10	9	51	<100
W636805		<5	0.54	<50	1.04	510	<5	0.06	16	460	<10	<0.05	<10	10	47	<100
W636806		<5	0.27	<50	0.71	370	<5	0.07	16	560	<10	<0.05	<10	9	27	<100
W636807		<5	0.46	<50	1.72	840	<5	<0.05	17	1500	<10	<0.05	10	9	47	<100
W636808		<5	0.79	<50	1.79	890	<5	0.05	34	1220	<10	<0.05	10	11	38	<100
W636809		<5	0.12	<50	0.25	300	<5	0.07	<5	430	<10	<0.05	<10	9	26	<100
W636810		<5	0.74	<50	1.12	430	<5	0.08	8	880	<10	<0.05	10	8	36	<100
W636811		<5	0.63	<50	0.78	380	<5	0.06	9	950	<10	<0.05	30	12	24	<100
W636812		<5	0.91	<50	1.09	910	<5	<0.05	10	1060	<10	<0.05	30	11	24	<100
W636813		<5	0.21	<50	3.04	1680	69	<0.05	79	1100	20	0.85	20	<5	188	<100
W636814		<5	1.07	<50	1.26	710	<5	0.05	14	1350	<10	<0.05	20	10	31	<100
W636815		<5	1.80	<50	2.73	1250	<5	0.06	26	550	<10	<0.05	<10	11	42	<100
W636816		<5	0.56	<50	0.88	440	<5	0.09	9	890	<10	<0.05	10	6	66	<100
W636817		<5	0.36	<50	0.90	370	<5	0.12	8	620	<10	<0.05	10	7	55	<100
W636818		<5	0.21	<50	0.73	350	<5	0.11	8	470	<10	<0.05	<10	7	60	<100
W636819		<5	0.22	<50	0.87	490	<5	0.08	15	570	<10	<0.05	10	8	47	<100
W636820		<5	0.40	<50	0.94	440	<5	0.10	8	370	<10	<0.05	10	8	35	<100
W636821		<5	0.11	<50	0.50	270	<5	0.10	6	280	<10	<0.05	<10	6	31	<100
W636822		<5	0.16	<50	0.54	270	<5	0.09	<5	290	<10	<0.05	10	8	10	<100
W636823		<5	0.16	<50	0.34	210	<5	0.09	<5	230	<10	<0.05	10	6	21	<100
W636824		<5	0.09	<50	0.36	240	<5	0.08	<5	280	<10	<0.05	10	7	19	<100
W636825		<5	0.26	<50	0.41	230	<5	0.07	6	350	<10	<0.05	10	10	26	<100
W636826		<5	0.21	<50	0.22	170	<5	0.10	8	280	<10	<0.05	10	<5	13	<100
W636827		<5	0.23	<50	0.28	310	<5	0.05	15	300	<10	<0.05	10	9	15	<100
W636828		<5	<0.05	<50	11.70	190	<5	<0.05	10	170	10	<0.05	20	<5	42	<100
W636829		<5	0.55	<50	0.72	500	<5	<0.05	43	940	<10	<0.05	30	23	44	<100
W636830		<5	0.25	<50	0.39	550	<5	<0.05	21	390	<10	<0.05	40	7	18	<100
W636831		<5	0.25	<50	0.28	730	<5	<0.05	14	420	10	<0.05	30	8	67	<100
W636832		<5	0.25	<50	0.23	200	<5	<0.05	9	480	<10	<0.05	10	<5	18	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636797		0.28	<50	<50	98	<50	70
W636798		0.09	<50	<50	17	<50	30
W636799		0.10	<50	<50	28	<50	30
W636800		<0.05	<50	<50	20	<50	20
W636801		<0.05	<50	<50	31	<50	30
W636802		<0.05	<50	<50	12	<50	10
W636803		<0.05	<50	<50	7	<50	10
W636804		0.05	<50	<50	6	<50	20
W636805		0.09	<50	<50	27	<50	40
W636806		0.07	<50	<50	20	<50	20
W636807		0.13	<50	<50	68	<50	60
W636808		0.14	<50	<50	61	<50	60
W636809		<0.05	<50	<50	6	<50	10
W636810		0.20	<50	<50	37	<50	40
W636811		0.12	<50	<50	50	<50	40
W636812		0.17	<50	<50	56	<50	50
W636813		<0.05	<50	<50	173	<50	420
W636814		0.20	<50	<50	71	<50	60
W636815		0.31	<50	<50	110	<50	80
W636816		0.21	<50	<50	42	<50	40
W636817		0.16	<50	<50	26	<50	20
W636818		0.14	<50	<50	17	<50	20
W636819		0.10	<50	<50	23	<50	20
W636820		0.10	<50	<50	30	<50	20
W636821		<0.05	<50	<50	17	<50	10
W636822		<0.05	<50	<50	17	<50	20
W636823		<0.05	<50	<50	13	<50	10
W636824		<0.05	<50	<50	14	<50	10
W636825		<0.05	<50	<50	22	<50	10
W636826		<0.05	<50	<50	13	<50	10
W636827		<0.05	<50	<50	29	<50	20
W636828		<0.05	<50	<50	<5	<50	20
W636829		<0.05	<50	<50	113	<50	60
W636830		<0.05	<50	<50	26	<50	30
W636831		<0.05	<50	<50	48	<50	40
W636832		<0.05	<50	<50	9	<50	10



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CERTIFICATE OF ANALYSIS WH17189306

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17189319

Project: Dan Man
 P.O. No.: 1006216-Batch 38
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W636833		2.50	0.002	1	0.80	20	150	<5	<10	2.62	<5	7	20	24	1.69	<50
W636834		3.12	0.001	<1	0.95	10	90	<5	10	1.42	<5	9	14	<5	1.87	<50
W636835		2.44	0.005	<1	1.22	70	160	<5	<10	1.53	<5	11	22	8	2.43	<50
W636836		3.32	<0.001	<1	0.57	10	<50	<5	10	2.43	<5	<5	11	<5	1.37	<50
W636837		2.92	0.016	<1	2.06	80	370	<5	<10	7.51	<5	18	7	8	4.95	<50
W636838		2.98	0.001	<1	0.69	10	50	<5	<10	1.63	<5	10	8	<5	1.94	<50
W636839		2.38	0.002	<1	<0.05	<10	<50	<5	10	21.0	<5	<5	<5	<5	0.45	<50
W636840		3.14	0.013	1	0.91	70	250	<5	10	3.24	<5	11	12	6	2.28	<50
W636841		2.70	0.205	<1	0.98	220	160	<5	10	1.89	<5	11	23	7	2.07	<50
W636842		2.74	1.195	<1	0.47	480	50	<5	10	0.10	<5	<5	8	<5	1.82	<50
W636843		2.30	1.775	2	0.54	870	50	<5	<10	0.10	<5	6	10	<5	2.09	<50
W636844		2.64	6.83	1	0.57	1250	<50	<5	10	0.11	<5	<5	5	5	1.60	<50
W636845		2.82	0.623	<1	0.79	2000	60	<5	<10	0.31	<5	6	6	<5	2.16	<50
W636846		2.94	0.015	<1	1.14	30	100	<5	10	1.27	<5	9	21	5	2.37	<50
W636847		3.46	0.009	<1	2.40	<10	470	<5	<10	2.47	<5	22	65	25	3.86	<50
W636848		2.90	<0.001	<1	2.83	<10	530	<5	<10	2.86	<5	24	74	20	4.25	<50
W636849		2.40	0.002	<1	0.99	<10	80	<5	<10	1.07	<5	5	12	8	2.07	<50
W636850		3.36	<0.001	<1	0.95	<10	90	<5	<10	0.89	<5	<5	13	8	1.79	<50
W636851		2.92	0.001	<1	2.31	<10	230	<5	<10	2.44	<5	23	119	17	3.85	<50
W636852		3.06	0.002	<1	2.24	<10	<50	<5	<10	2.84	<5	19	100	6	3.75	<50
W636853		2.34	0.002	<1	2.08	<10	170	<5	<10	2.04	<5	19	115	10	2.87	<50
W636854		3.02	0.001	<1	2.87	<10	660	<5	<10	3.39	<5	27	133	36	4.21	<50
W636855		3.44	<0.001	<1	1.12	<10	90	<5	<10	1.93	<5	13	63	20	2.04	<50
W636856		2.74	<0.001	<1	1.81	<10	230	<5	<10	2.57	<5	12	57	16	3.29	<50
W636857		3.04	<0.001	<1	0.38	<10	<50	<5	<10	1.30	<5	<5	17	<5	1.10	<50
W636858		2.88	0.001	<1	1.19	<10	60	<5	10	3.76	<5	6	13	13	3.67	<50
W636859		1.92	0.003	<1	3.06	<10	220	<5	<10	4.37	<5	27	188	17	5.12	<50
W636860		2.66	0.002	<1	0.82	<10	<50	<5	<10	0.84	<5	<5	9	5	2.11	<50
W636861		2.98	0.002	<1	0.99	20	100	<5	<10	1.19	<5	8	7	6	2.41	<50
W636862		0.32	1.295	29	1.14	500	630	<5	<10	0.26	31	6	12	132	5.17	<50
W636863		3.12	<0.001	<1	0.48	<10	<50	<5	10	0.20	<5	<5	10	<5	2.39	<50
W636864		3.06	<0.001	<1	0.46	10	<50	<5	<10	0.86	<5	5	11	<5	2.10	<50
W636865		3.04	0.001	<1	0.77	10	90	<5	10	2.22	<5	12	20	9	5.21	<50
W636866		3.14	0.003	<1	1.05	<10	120	<5	<10	3.53	<5	12	56	21	3.13	<50
W636867		3.02	0.001	<1	0.90	<10	80	<5	<10	3.59	<5	15	52	6	2.56	<50
W636868		3.28	0.002	<1	0.40	<10	<50	<5	<10	1.70	<5	<5	19	7	1.56	<50



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Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
Units		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636833		<5	0.37	<50	0.27	310	<5	<0.05	11	340	20	<0.05	10	<5	20	<100
W636834		<5	0.52	<50	0.46	250	<5	<0.05	12	180	10	<0.05	30	7	9	<100
W636835		<5	0.45	<50	0.41	390	<5	<0.05	10	520	20	<0.05	40	7	17	<100
W636836		<5	0.17	<50	0.13	240	<5	<0.05	<5	200	10	<0.05	20	5	10	<100
W636837		<5	0.82	<50	0.76	720	<5	<0.05	7	1220	10	<0.05	50	15	44	<100
W636838		<5	0.19	<50	0.13	170	<5	0.05	7	280	20	<0.05	50	11	12	<100
W636839		<5	<0.05	<50	11.60	200	<5	<0.05	5	190	20	<0.05	<10	<5	45	<100
W636840		<5	0.28	<50	0.25	990	<5	<0.05	7	400	10	<0.05	30	8	17	<100
W636841		<5	0.39	<50	0.28	550	<5	<0.05	11	450	10	<0.05	10	6	25	<100
W636842		<5	0.36	<50	<0.05	230	<5	<0.05	<5	170	10	<0.05	10	<5	7	<100
W636843		<5	0.37	<50	<0.05	370	<5	<0.05	7	110	10	<0.05	30	5	18	<100
W636844		<5	0.41	<50	<0.05	90	<5	<0.05	<5	70	10	<0.05	10	<5	14	<100
W636845		<5	0.39	<50	0.08	220	<5	<0.05	<5	210	10	<0.05	20	7	10	<100
W636846		<5	0.42	<50	0.62	370	<5	0.06	5	530	<10	<0.05	20	9	20	<100
W636847		<5	0.93	<50	1.83	670	<5	0.10	28	1850	10	<0.05	10	8	73	<100
W636848		<5	1.37	<50	2.17	760	<5	0.08	28	2040	10	<0.05	10	9	85	<100
W636849		<5	0.32	<50	0.53	310	<5	0.05	<5	370	<10	<0.05	<10	9	32	<100
W636850		<5	0.27	<50	0.49	250	<5	0.05	<5	310	<10	<0.05	<10	6	52	<100
W636851		<5	0.81	<50	1.91	690	<5	0.07	54	1700	<10	<0.05	<10	9	72	<100
W636852		<5	0.19	<50	1.96	710	<5	<0.05	33	780	<10	<0.05	<10	10	57	<100
W636853		<5	0.77	<50	1.83	490	<5	<0.05	35	510	<10	<0.05	<10	7	54	<100
W636854		<5	1.70	<50	2.62	840	<5	0.05	42	850	<10	<0.05	<10	10	56	<100
W636855		<5	0.27	<50	0.94	340	<5	0.08	17	420	<10	<0.05	10	6	36	<100
W636856		<5	0.86	<50	1.36	560	<5	<0.05	19	790	<10	<0.05	<10	8	49	<100
W636857		<5	0.08	<50	0.12	200	5	0.07	<5	100	<10	<0.05	10	<5	21	<100
W636858		<5	0.32	<50	0.56	560	<5	<0.05	<5	790	<10	<0.05	<10	11	59	<100
W636859		<5	0.64	<50	2.38	910	<5	<0.05	48	880	<10	<0.05	<10	19	66	<100
W636860		<5	0.15	<50	0.19	220	<5	<0.05	<5	260	<10	<0.05	10	7	10	<100
W636861		<5	0.31	<50	0.18	220	<5	<0.05	<5	480	<10	<0.05	<10	7	16	<100
W636862		5	0.49	<50	0.09	1010	7	<0.05	<5	1350	3270	0.44	20	5	158	<100
W636863		<5	0.08	<50	0.12	120	<5	<0.05	<5	190	<10	<0.05	<10	9	<5	<100
W636864		<5	0.08	<50	0.10	200	<5	<0.05	<5	200	<10	<0.05	<10	9	13	<100
W636865		<5	0.32	<50	0.30	620	7	<0.05	<5	460	<10	<0.05	10	13	26	<100
W636866		<5	0.53	<50	0.53	570	<5	<0.05	12	470	<10	<0.05	<10	13	41	<100
W636867		<5	0.32	<50	0.48	540	<5	<0.05	17	480	<10	<0.05	<10	8	56	<100
W636868		<5	0.15	<50	0.20	230	5	<0.05	<5	230	<10	<0.05	10	<5	27	<100



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189319

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636833		<0.05	<50	<50	21	<50	20
W636834		<0.05	<50	<50	44	<50	20
W636835		<0.05	<50	<50	45	<50	40
W636836		<0.05	<50	<50	9	<50	20
W636837		0.09	<50	<50	133	<50	90
W636838		<0.05	<50	<50	34	<50	20
W636839		<0.05	<50	<50	<5	<50	20
W636840		<0.05	<50	<50	23	<50	30
W636841		<0.05	<50	<50	26	<50	40
W636842		<0.05	<50	<50	<5	<50	20
W636843		<0.05	<50	<50	11	<50	20
W636844		<0.05	<50	<50	<5	<50	20
W636845		<0.05	<50	<50	12	<50	20
W636846		0.05	<50	<50	30	<50	30
W636847		0.28	<50	<50	78	<50	70
W636848		0.34	<50	<50	91	<50	80
W636849		0.07	<50	<50	33	<50	20
W636850		0.07	<50	<50	28	<50	20
W636851		0.24	<50	<50	65	<50	60
W636852		0.05	<50	<50	69	<50	50
W636853		0.17	<50	<50	57	<50	50
W636854		0.41	<50	<50	113	<50	60
W636855		0.11	<50	<50	43	<50	30
W636856		0.11	<50	<50	62	<50	50
W636857		<0.05	<50	<50	8	<50	10
W636858		<0.05	<50	<50	34	<50	40
W636859		0.06	<50	<50	109	<50	70
W636860		<0.05	<50	<50	13	<50	20
W636861		<0.05	<50	<50	29	<50	30
W636862		<0.05	<50	<50	58	<50	2240
W636863		<0.05	<50	<50	11	<50	10
W636864		<0.05	<50	<50	10	<50	10
W636865		<0.05	<50	<50	42	<50	30
W636866		<0.05	<50	<50	61	<50	30
W636867		<0.05	<50	<50	45	<50	40
W636868		<0.05	<50	<50	17	<50	20



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CERTIFICATE OF ANALYSIS WH17189319

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	SPL-21	WEI-21	CRU-QC PUL-32



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CERTIFICATE WH17189953

Project: Dan Man
 P.O. No.: 1006216-Batch 39
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

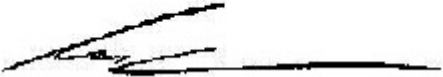
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41a Ag ppm	ME-ICP41a Al %	ME-ICP41a As ppm	ME-ICP41a Ba ppm	ME-ICP41a Be ppm	ME-ICP41a Bi ppm	ME-ICP41a Ca %	ME-ICP41a Cd ppm	ME-ICP41a Co ppm	ME-ICP41a Cr ppm	ME-ICP41a Cu ppm	ME-ICP41a Fe %	ME-ICP41a Ga ppm
	Method Analyte Units LOR														
W636869	3.12	<0.001	<1	1.16	10	100	<5	<10	3.19	<5	6	61	9	2.60	<50
W636870	2.68	<0.001	<1	1.28	30	140	<5	<10	1.45	<5	7	33	<5	2.42	<50
W636871	2.52	<0.001	<1	0.84	<10	70	<5	<10	2.77	<5	7	22	<5	1.96	<50
W636872	2.16	0.006	<1	<0.05	<10	<50	<5	<10	21.9	<5	<5	<5	<5	0.43	<50
W636873	2.82	<0.001	<1	0.76	10	60	<5	10	3.01	<5	<5	24	<5	1.96	<50
W636874	2.98	<0.001	<1	1.06	10	100	<5	10	2.40	<5	6	35	<5	2.43	<50
W636875	2.84	<0.001	<1	0.61	20	<50	<5	<10	2.01	<5	7	22	<5	1.68	<50
W636876	3.30	<0.001	<1	0.35	10	<50	<5	<10	1.00	<5	<5	16	14	1.27	<50
W636877	2.96	<0.001	<1	0.89	20	70	<5	<10	1.33	<5	13	41	6	2.18	<50
W636878	2.96	<0.001	<1	2.02	30	80	<5	<10	2.64	<5	15	10	12	4.70	<50
W636879	2.84	<0.001	<1	2.93	10	170	<5	<10	1.84	<5	19	36	11	4.18	<50
W636880	2.96	<0.001	<1	1.46	20	100	<5	<10	4.20	<5	15	69	9	3.01	<50
W636881	2.52	<0.001	<1	2.03	40	140	<5	<10	7.60	<5	14	42	17	4.15	<50
W636882	3.14	<0.001	<1	1.03	10	100	<5	<10	1.63	<5	8	12	18	2.31	<50
W636883	2.72	<0.001	<1	1.40	20	60	<5	<10	3.46	<5	9	73	<5	2.73	<50
W636884	2.58	<0.001	<1	2.17	20	<50	<5	<10	5.42	<5	17	63	17	3.34	<50
W636885	2.66	<0.001	<1	1.52	40	<50	<5	<10	2.06	<5	10	66	<5	3.19	<50
W636886	3.20	<0.001	<1	2.15	10	110	<5	<10	2.50	<5	19	166	<5	2.84	<50
W636887	3.26	<0.001	<1	2.29	20	50	<5	<10	1.86	<5	12	27	6	3.74	<50
W636888	2.84	<0.001	<1	1.99	40	60	<5	<10	10.20	<5	18	74	<5	5.19	<50
W636889	3.28	0.019	<1	2.53	10	60	<5	<10	3.82	<5	17	19	40	4.52	<50
W636890	3.34	<0.001	<1	2.05	30	90	<5	<10	5.42	<5	19	76	34	4.25	<50
W636891	3.26	<0.001	<1	0.69	<10	60	<5	<10	0.97	<5	<5	13	<5	1.46	<50
W636892	3.28	<0.001	<1	0.47	10	<50	<5	<10	0.69	<5	<5	17	14	1.37	<50
W636893	2.90	<0.001	<1	0.32	20	<50	<5	<10	0.51	<5	<5	18	10	1.12	<50
W636894	3.04	<0.001	<1	0.26	40	<50	<5	<10	0.68	<5	<5	17	11	1.11	<50
W636895	2.66	<0.001	<1	0.87	40	<50	<5	<10	1.77	<5	7	113	<5	1.88	<50
W636896	2.72	<0.001	<1	0.98	40	50	<5	<10	1.81	<5	7	134	<5	2.03	<50
W636897	2.84	<0.001	<1	0.24	20	<50	<5	<10	0.41	<5	<5	20	7	0.88	<50
W636898	3.00	<0.001	<1	0.32	20	<50	<5	10	0.16	<5	<5	14	11	1.34	<50
W636899	2.48	<0.001	1	0.25	10	170	<5	<10	0.33	<5	<5	19	11	0.83	<50
W636900	0.32	1.210	<1	0.54	230	110	<5	<10	17.40	<5	<5	27	76	2.43	<50
W636901	2.18	<0.001	1	0.31	10	<50	<5	<10	1.58	<5	<5	18	<5	1.19	<50
W636902	2.48	<0.001	<1	0.76	20	<50	<5	<10	1.24	<5	5	17	7	1.67	<50
W636903	2.04	<0.001	1	1.36	40	80	<5	<10	2.21	<5	8	21	<5	2.86	<50
W636904	2.18	<0.001	1	0.89	30	50	<5	<10	1.38	<5	8	32	11	2.15	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636869		<5	0.74	<50	0.86	530	<5	0.05	15	420	10	<0.05	<10	9	41	<100
W636870		<5	0.89	<50	0.86	410	<5	0.06	5	560	10	<0.05	<10	7	20	<100
W636871		<5	0.26	<50	0.35	390	<5	0.05	<5	250	10	<0.05	<10	<5	42	<100
W636872		<5	<0.05	<50	12.05	200	<5	<0.05	<5	190	10	<0.05	<10	<5	37	<100
W636873		<5	0.28	<50	0.31	380	<5	<0.05	12	400	10	<0.05	<10	<5	35	<100
W636874		<5	0.65	<50	0.94	440	<5	0.05	8	430	<10	<0.05	<10	7	33	<100
W636875		<5	0.21	<50	0.40	320	<5	0.06	11	250	20	<0.05	<10	<5	27	<100
W636876		<5	0.13	<50	0.21	200	<5	0.08	<5	160	10	<0.05	<10	<5	15	<100
W636877		<5	0.25	<50	0.31	550	<5	<0.05	14	280	40	<0.05	10	5	26	<100
W636878		<5	1.06	<50	0.93	840	<5	<0.05	<5	1510	80	<0.05	10	17	38	<100
W636879		<5	1.35	<50	2.08	640	<5	<0.05	30	1210	30	<0.05	<10	14	45	<100
W636880		<5	0.82	<50	1.32	630	<5	<0.05	23	440	20	<0.05	<10	11	56	<100
W636881		<5	0.66	<50	1.13	1030	<5	<0.05	10	1280	50	<0.05	<10	15	119	<100
W636882		<5	0.71	<50	0.74	470	<5	<0.05	<5	620	20	<0.05	<10	<5	29	<100
W636883		<5	0.46	<50	0.90	560	<5	<0.05	36	490	20	<0.05	<10	8	46	<100
W636884		<5	0.73	<50	1.54	760	<5	<0.05	47	880	30	<0.05	<10	12	86	<100
W636885		<5	0.56	<50	1.23	510	<5	<0.05	35	650	20	<0.05	<10	10	47	<100
W636886		<5	1.27	<50	2.16	510	<5	<0.05	87	670	10	<0.05	<10	7	83	<100
W636887		<5	1.25	<50	1.68	570	<5	<0.05	12	1140	20	<0.05	<10	13	57	<100
W636888		<5	1.19	<50	2.23	1390	<5	<0.05	33	920	50	<0.05	<10	18	344	<100
W636889		<5	1.59	<50	1.91	890	<5	<0.05	12	1360	20	<0.05	<10	15	70	<100
W636890		<5	1.33	<50	1.86	1020	<5	<0.05	23	1060	60	<0.05	<10	13	103	<100
W636891		<5	0.43	<50	0.38	250	<5	0.06	<5	230	20	<0.05	<10	<5	26	<100
W636892		5	0.28	<50	0.22	250	<5	0.06	<5	160	20	<0.05	<10	<5	16	<100
W636893		<5	0.17	<50	0.11	160	<5	0.05	10	70	10	<0.05	<10	<5	10	<100
W636894		<5	0.09	<50	0.07	220	<5	0.06	<5	<50	20	<0.05	<10	<5	12	<100
W636895		<5	0.58	<50	0.62	370	<5	0.05	38	190	20	<0.05	<10	5	26	<100
W636896		<5	0.68	<50	0.76	560	<5	<0.05	43	280	20	<0.05	<10	6	29	<100
W636897		<5	0.10	<50	<0.05	90	<5	0.08	<5	60	10	<0.05	<10	<5	10	<100
W636898		<5	0.13	<50	0.07	110	<5	0.06	<5	60	30	<0.05	<10	<5	8	<100
W636899		<5	0.07	<50	<0.05	1050	5	0.05	8	<50	30	<0.05	<10	<5	13	<100
W636900		<5	0.19	<50	2.98	1620	67	<0.05	73	1030	20	0.82	20	<5	178	<100
W636901		<5	0.10	<50	0.10	270	<5	<0.05	<5	70	30	<0.05	10	<5	23	<100
W636902		<5	0.36	<50	0.37	400	<5	<0.05	6	320	40	<0.05	<10	5	41	<100
W636903		<5	0.77	<50	0.74	500	<5	<0.05	8	630	30	<0.05	<10	9	50	<100
W636904		<5	0.23	<50	0.68	390	<5	<0.05	19	360	10	<0.05	<10	5	29	<100



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CERTIFICATE OF ANALYSIS WH17189953

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636869		0.07	<50	<50	54	<50	30
W636870		0.10	<50	<50	47	<50	30
W636871		<0.05	<50	<50	33	<50	20
W636872		<0.05	<50	<50	<5	<50	20
W636873		<0.05	<50	<50	25	<50	30
W636874		0.06	<50	<50	48	<50	40
W636875		<0.05	<50	<50	23	<50	20
W636876		<0.05	<50	<50	16	<50	20
W636877		<0.05	<50	<50	42	<50	80
W636878		0.05	<50	<50	141	<50	130
W636879		0.08	<50	<50	115	<50	100
W636880		0.06	<50	<50	69	<50	40
W636881		0.06	<50	<50	120	<50	80
W636882		0.07	<50	<50	39	<50	30
W636883		<0.05	<50	<50	55	<50	70
W636884		<0.05	<50	<50	87	<50	70
W636885		<0.05	<50	<50	81	<50	40
W636886		0.18	<50	<50	59	<50	60
W636887		0.05	<50	<50	111	<50	70
W636888		<0.05	<50	<50	96	<50	100
W636889		0.06	<50	<50	116	<50	100
W636890		0.07	<50	<50	99	<50	90
W636891		<0.05	<50	<50	23	<50	10
W636892		<0.05	<50	<50	14	<50	20
W636893		<0.05	<50	<50	11	<50	10
W636894		<0.05	<50	<50	7	<50	10
W636895		<0.05	<50	<50	30	<50	30
W636896		0.05	<50	<50	41	<50	30
W636897		<0.05	<50	<50	6	<50	<10
W636898		<0.05	<50	<50	9	<50	10
W636899		<0.05	<50	<50	5	<50	30
W636900		<0.05	<50	<50	160	<50	420
W636901		<0.05	<50	<50	13	<50	40
W636902		<0.05	<50	<50	29	<50	50
W636903		0.05	<50	<50	67	<50	80
W636904		0.09	<50	<50	46	<50	60



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Page: **Appendix 1**
Total # Appendix Pages: **1**
Finalized Date: **23-OCT-2017**
Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189953

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2017
 Account: DEVARC

CERTIFICATE WH17189955

Project: Dan Man
 P.O. No.: 1006216-Batch 40
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189955

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W636905		2.80	<0.001	<1	0.59	<10	50	<5	<10	0.15	<5	<5	17	10	1.18	<50
W636906		3.24	<0.001	<1	0.42	<10	<50	<5	<10	0.13	<5	5	16	6	0.95	<50
W636907		3.26	<0.001	<1	0.24	<10	<50	<5	10	0.29	<5	<5	8	9	0.66	<50
W636908		2.92	<0.001	<1	0.25	<10	<50	<5	<10	0.62	<5	<5	8	<5	0.60	<50
W636909		2.40	<0.001	<1	0.32	<10	<50	<5	10	1.67	<5	<5	9	<5	0.78	<50
W636910		2.36	0.001	<1	<0.05	<10	<50	<5	10	20.2	<5	<5	<5	<5	0.44	<50
W636911		2.52	<0.001	<1	0.45	<10	50	<5	10	1.60	<5	8	18	6	1.47	<50
W636912		2.74	<0.001	<1	0.41	<10	60	<5	10	2.43	<5	7	16	9	1.52	<50
W636913		2.60	0.012	<1	0.56	10	130	<5	10	2.62	<5	12	13	6	1.86	<50
W636914		3.24	0.001	<1	0.31	10	<50	<5	<10	1.55	<5	5	16	14	1.03	<50
W636915		2.80	<0.001	<1	1.60	<10	130	<5	<10	2.45	<5	19	84	12	3.39	<50
W636916		3.04	<0.001	<1	0.50	<10	<50	<5	<10	1.53	<5	5	13	5	1.05	<50
W636917		3.00	<0.001	<1	1.44	<10	330	<5	<10	2.24	<5	12	55	20	2.24	<50
W636918		2.84	<0.001	<1	1.44	<10	120	<5	<10	2.03	<5	7	57	11	2.36	<50
W636919		2.68	<0.001	<1	0.51	<10	<50	<5	<10	1.54	<5	7	16	6	1.26	<50
W636920		2.60	<0.001	<1	1.71	<10	60	<5	<10	3.16	<5	15	30	13	3.30	<50
W636921		3.10	<0.001	<1	0.42	<10	<50	<5	<10	1.37	<5	<5	8	7	0.78	<50
W636922		2.94	<0.001	<1	1.75	<10	70	<5	<10	1.94	<5	17	8	11	3.07	<50
W636923		3.10	<0.001	<1	0.49	<10	<50	<5	<10	0.51	<5	5	10	9	0.79	<50
W636924		0.30	1.400	33	1.18	530	640	<5	10	0.28	32	9	13	140	5.45	<50
W636925		3.22	<0.001	<1	0.40	<10	<50	<5	<10	0.83	<5	<5	12	<5	0.76	<50
W636926		2.76	<0.001	<1	2.44	<10	60	<5	10	2.26	<5	19	25	18	3.60	<50
W636927		3.16	<0.001	<1	0.57	<10	<50	<5	<10	1.03	<5	5	15	<5	0.91	<50
W636928		3.06	<0.001	<1	1.51	<10	<50	<5	10	1.68	<5	17	68	15	2.14	<50
W636929		3.08	<0.001	<1	1.54	<10	70	<5	<10	1.90	<5	19	83	17	2.09	<50
W636930		2.78	<0.001	<1	3.04	<10	700	<5	10	3.74	<5	33	116	35	4.11	<50
W636931		2.90	<0.001	<1	2.77	<10	190	<5	<10	3.15	<5	29	135	32	3.64	<50
W636932		3.00	<0.001	<1	1.84	<10	70	<5	10	1.94	<5	17	65	21	2.43	<50
W636933		2.80	<0.001	<1	0.49	<10	<50	<5	10	0.27	<5	<5	13	7	0.88	<50
W636934		2.88	<0.001	<1	0.64	<10	<50	<5	<10	0.73	<5	<5	16	6	1.13	<50
W636935		3.30	<0.001	1	1.49	<10	50	<5	<10	1.22	<5	16	48	13	2.38	<50
W636936		3.30	<0.001	1	0.40	<10	<50	<5	10	0.59	<5	5	14	7	0.78	<50
W636937		3.08	<0.001	<1	0.72	<10	<50	<5	10	0.79	<5	6	24	6	1.14	<50
W636938		2.88	<0.001	<1	2.09	<10	270	<5	<10	2.71	<5	16	46	16	3.20	<50
W636939		3.16	<0.001	<1	1.85	<10	190	<5	10	1.57	<5	14	37	16	2.56	<50
W636940		3.22	<0.001	<1	0.30	<10	<50	<5	10	0.79	<5	<5	12	5	0.78	<50



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 Total # Pages: 2 (A - C)
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 Finalized Date: 18-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS	WH17189955
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Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units LOR	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636905		<5	0.26	<50	0.22	160	<5	<0.05	10	250	<10	<0.05	<10	<5	<5	<100
W636906		<5	0.22	<50	0.10	110	<5	<0.05	10	200	10	<0.05	10	<5	5	<100
W636907		<5	0.11	<50	<0.05	100	<5	0.07	7	50	<10	<0.05	<10	<5	<5	<100
W636908		<5	0.13	<50	<0.05	120	<5	<0.05	8	<50	10	<0.05	<10	<5	6	<100
W636909		<5	0.19	<50	<0.05	180	<5	0.05	8	120	10	<0.05	<10	<5	12	<100
W636910		<5	<0.05	<50	11.35	200	<5	<0.05	<5	180	<10	<0.05	10	<5	36	<100
W636911		<5	0.22	<50	0.13	260	<5	<0.05	10	290	<10	<0.05	10	<5	16	<100
W636912		<5	0.22	<50	0.10	360	<5	<0.05	13	370	<10	<0.05	10	<5	17	<100
W636913		<5	0.25	<50	0.10	560	<5	<0.05	16	440	10	<0.05	<10	<5	29	<100
W636914		<5	0.12	<50	0.06	220	<5	0.07	20	150	10	<0.05	10	<5	19	<100
W636915		<5	0.75	<50	1.09	610	<5	<0.05	33	510	<10	<0.05	20	10	32	<100
W636916		<5	0.16	<50	0.23	210	<5	0.07	8	170	<10	<0.05	<10	<5	23	<100
W636917		<5	0.65	<50	0.99	360	<5	<0.05	24	430	<10	<0.05	10	6	47	<100
W636918		<5	0.85	<50	1.10	410	<5	0.06	25	400	<10	<0.05	10	7	25	<100
W636919		<5	0.29	<50	0.17	230	<5	0.05	9	200	<10	<0.05	20	<5	15	<100
W636920		<5	0.38	<50	1.13	630	<5	<0.05	14	790	10	<0.05	<10	9	57	<100
W636921		<5	0.29	<50	0.07	190	<5	0.05	<5	210	20	<0.05	10	<5	39	<100
W636922		<5	1.35	<50	1.12	550	<5	0.05	15	1050	10	<0.05	10	<5	47	<100
W636923		<5	0.28	<50	0.09	140	<5	0.08	8	120	10	<0.05	10	<5	19	<100
W636924		6	0.52	<50	0.10	1060	7	<0.05	7	1450	3410	0.43	20	5	164	<100
W636925		<5	0.19	<50	0.06	130	<5	0.08	<5	100	10	<0.05	10	<5	18	<100
W636926		<5	0.67	<50	1.97	710	<5	<0.05	17	1010	10	<0.05	10	6	60	<100
W636927		<5	0.29	<50	0.20	220	<5	0.07	6	180	<10	<0.05	10	<5	21	<100
W636928		<5	0.37	<50	1.26	410	<5	0.05	36	240	20	<0.05	10	<5	38	<100
W636929		<5	0.54	<50	1.33	410	<5	0.07	45	340	<10	<0.05	10	<5	49	<100
W636930		<5	2.07	<50	2.76	870	<5	<0.05	47	1330	20	<0.05	20	5	91	<100
W636931		5	1.33	<50	2.55	760	<5	0.05	59	650	<10	<0.05	<10	7	68	<100
W636932		<5	1.17	<50	1.55	520	<5	0.05	40	530	<10	<0.05	<10	<5	33	<100
W636933		<5	0.24	<50	0.11	140	<5	0.09	8	100	<10	<0.05	10	<5	20	<100
W636934		<5	0.33	<50	0.26	210	<5	0.08	8	260	10	<0.05	<10	<5	23	<100
W636935		<5	0.41	<50	1.04	410	<5	0.06	21	440	<10	<0.05	<10	<5	47	<100
W636936		<5	0.14	<50	0.11	140	<5	0.10	9	110	<10	<0.05	10	<5	14	<100
W636937		<5	0.29	<50	0.36	190	<5	0.08	15	150	<10	<0.05	10	<5	19	<100
W636938		<5	1.30	<50	1.62	610	<5	<0.05	23	820	10	<0.05	10	7	50	<100
W636939		<5	1.04	<50	1.41	500	<5	0.06	15	560	20	<0.05	10	<5	72	<100
W636940		<5	0.13	<50	<0.05	150	<5	0.10	6	110	<10	<0.05	10	<5	11	<100



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 Total # Pages: 2 (A - C)
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 Finalized Date: 18-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189955

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636905		<0.05	<50	<50	13	<50	20
W636906		<0.05	<50	<50	8	<50	10
W636907		<0.05	<50	<50	<5	<50	10
W636908		<0.05	<50	<50	<5	<50	10
W636909		<0.05	<50	<50	5	<50	10
W636910		<0.05	<50	<50	<5	<50	10
W636911		<0.05	<50	<50	17	<50	20
W636912		<0.05	<50	<50	14	<50	30
W636913		<0.05	<50	<50	17	<50	30
W636914		<0.05	<50	<50	8	<50	20
W636915		0.07	<50	<50	66	<50	50
W636916		<0.05	<50	<50	11	<50	10
W636917		0.12	<50	<50	39	<50	30
W636918		0.08	<50	<50	42	<50	30
W636919		<0.05	<50	<50	10	<50	10
W636920		<0.05	<50	<50	57	<50	60
W636921		<0.05	<50	<50	<5	<50	60
W636922		0.19	<50	<50	62	<50	50
W636923		<0.05	<50	<50	<5	<50	20
W636924		<0.05	<50	<50	58	<50	2350
W636925		<0.05	<50	<50	<5	<50	10
W636926		0.16	<50	<50	76	<50	60
W636927		<0.05	<50	<50	8	<50	10
W636928		<0.05	<50	<50	33	<50	80
W636929		0.16	<50	<50	42	<50	40
W636930		0.35	<50	<50	110	<50	110
W636931		0.34	<50	<50	84	<50	60
W636932		0.18	<50	<50	47	<50	40
W636933		<0.05	<50	<50	<5	<50	10
W636934		<0.05	<50	<50	9	<50	10
W636935		0.07	<50	<50	36	<50	40
W636936		<0.05	<50	<50	5	<50	10
W636937		<0.05	<50	<50	12	<50	10
W636938		0.14	<50	<50	72	<50	50
W636939		0.17	<50	<50	50	<50	50
W636940		<0.05	<50	<50	<5	<50	30



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Total # Appendix Pages: **1**
Finalized Date: **18-OCT-2017**
Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189955

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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 Total # Pages: 2 (A - C)
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 Finalized Date: 17-OCT-2017
 Account: DEVARC

CERTIFICATE WH17189959

Project: Dan Man
 P.O. No.: 1006216-Batch 41
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189959

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W636941		3.28	<0.001	<1	0.33	<10	<50	<5	<10	0.59	<5	<5	13	11	0.75	<50
W636942		2.92	<0.001	<1	0.36	<10	<50	<5	10	0.59	<5	<5	14	6	0.66	<50
W636943		2.92	<0.001	<1	0.74	<10	80	<5	<10	1.30	<5	<5	12	5	1.21	<50
W636944		2.60	<0.001	<1	0.49	10	<50	<5	<10	1.08	<5	<5	17	5	0.95	<50
W636945		3.06	<0.001	<1	0.49	<10	<50	<5	<10	0.75	<5	<5	14	5	0.91	<50
W636946		3.30	<0.001	<1	0.46	<10	<50	<5	<10	0.76	<5	<5	15	<5	0.75	<50
W636947		2.96	0.001	<1	0.42	10	<50	<5	<10	0.82	<5	<5	15	<5	0.82	<50
W636948		3.26	<0.001	<1	0.47	<10	<50	<5	<10	0.73	<5	<5	17	<5	0.84	<50
W636949		3.28	<0.001	<1	0.48	10	<50	<5	<10	0.68	<5	<5	17	6	0.79	<50
W636950		2.82	<0.001	<1	1.39	<10	120	<5	<10	1.88	<5	<5	22	12	2.47	<50
W636951		3.22	<0.001	<1	1.27	10	80	<5	<10	1.01	<5	<5	44	6	1.94	<50
W636952		3.40	<0.001	<1	2.38	<10	<50	<5	<10	2.18	<5	17	227	19	2.70	<50
W636953		0.30	1.440	29	1.12	530	630	<5	<10	0.27	31	5	12	137	5.37	<50
W636954		3.30	<0.001	<1	1.00	10	50	<5	<10	1.20	<5	<5	27	<5	1.48	<50
W636955		3.28	0.001	<1	0.32	10	<50	<5	<10	0.72	<5	<5	17	<5	0.67	<50
W636956		3.36	<0.001	<1	0.35	10	<50	<5	<10	0.49	<5	<5	15	<5	0.72	<50
W636957		3.16	<0.001	<1	0.32	<10	<50	<5	<10	0.66	<5	<5	17	<5	0.55	<50
W636958		3.72	0.001	<1	0.36	<10	<50	<5	<10	0.52	<5	<5	13	<5	0.59	<50
W636959		3.12	<0.001	<1	0.31	20	<50	<5	<10	0.60	<5	<5	16	6	0.66	<50
W636960		3.10	<0.001	<1	0.24	10	<50	<5	<10	0.49	<5	<5	20	6	0.72	<50
W636961		2.88	<0.001	<1	0.28	<10	<50	<5	<10	0.38	<5	<5	16	5	0.57	<50
W636962		3.54	<0.001	<1	0.63	<10	<50	<5	<10	0.78	<5	<5	20	<5	1.02	<50
W636963		3.06	<0.001	<1	0.73	<10	<50	<5	<10	1.22	<5	<5	21	6	1.10	<50
W636964		2.20	0.004	<1	<0.05	10	<50	<5	<10	20.6	<5	<5	<5	<5	0.44	<50
W636965		3.50	<0.001	<1	0.44	<10	<50	<5	<10	0.66	<5	<5	17	5	0.81	<50
W636966		3.28	0.002	<1	0.67	20	<50	<5	<10	1.37	<5	<5	16	<5	0.99	<50
W636967		3.34	<0.001	<1	0.51	<10	<50	<5	<10	0.75	<5	<5	14	<5	0.82	<50
W636968		2.74	<0.001	<1	0.78	<10	70	<5	<10	0.80	<5	<5	26	6	0.84	<50
W636969		3.60	<0.001	<1	0.77	10	60	<5	<10	0.58	<5	<5	23	5	1.02	<50
W636970		2.94	<0.001	<1	1.19	20	70	<5	<10	1.18	<5	7	19	9	1.66	<50
W636971		3.26	<0.001	<1	0.42	<10	<50	<5	<10	0.54	<5	<5	14	<5	0.76	<50
W636972		3.70	<0.001	<1	0.46	30	<50	<5	<10	0.61	<5	<5	17	5	0.74	<50
W636973		3.38	<0.001	<1	0.55	<10	<50	<5	<10	0.70	<5	<5	16	<5	1.04	<50
W636974		3.62	<0.001	<1	1.21	20	60	<5	<10	1.18	<5	<5	46	10	1.92	<50
W636975		3.54	<0.001	<1	2.55	<10	300	<5	<10	2.50	<5	18	107	23	3.34	<50
W636976		3.42	<0.001	<1	1.16	<10	60	<5	<10	1.27	<5	6	34	11	1.81	<50



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189959

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636941		<5	0.19	<50	<0.05	130	<5	<0.05	10	<50	20	<0.05	<10	<5	8	<100
W636942		<5	0.24	<50	0.06	140	8	<0.05	6	<50	10	<0.05	<10	<5	9	<100
W636943		<5	0.50	<50	0.37	300	<5	0.06	<5	220	20	<0.05	<10	<5	13	<100
W636944		8	0.29	<50	0.19	210	<5	0.06	<5	170	20	<0.05	<10	<5	10	<100
W636945		<5	0.21	<50	0.16	190	<5	0.05	<5	140	10	<0.05	<10	<5	33	<100
W636946		<5	0.18	<50	0.10	120	5	0.06	<5	50	10	<0.05	<10	<5	31	<100
W636947		<5	0.17	<50	0.13	130	<5	0.06	<5	80	10	<0.05	<10	<5	24	<100
W636948		<5	0.16	<50	0.13	120	<5	0.06	<5	90	10	<0.05	<10	<5	27	<100
W636949		<5	0.20	<50	0.14	140	5	0.07	5	110	10	<0.05	10	<5	27	<100
W636950		<5	0.87	<50	0.98	620	<5	0.05	21	450	10	<0.05	10	<5	26	<100
W636951		<5	0.66	<50	0.87	270	<5	0.06	28	340	<10	<0.05	<10	<5	43	<100
W636952		6	0.48	<50	2.42	460	<5	<0.05	170	400	10	<0.05	<10	8	70	<100
W636953		7	0.49	<50	0.10	1070	8	<0.05	6	1370	3300	0.36	20	<5	153	<100
W636954		<5	0.54	<50	0.56	230	<5	0.06	13	310	20	<0.05	<10	<5	42	<100
W636955		5	0.14	<50	0.07	110	<5	0.07	<5	80	10	<0.05	<10	<5	18	<100
W636956		<5	0.17	<50	0.05	100	<5	0.07	<5	<50	10	<0.05	<10	<5	9	<100
W636957		<5	0.15	<50	<0.05	90	<5	0.07	<5	<50	<10	<0.05	<10	<5	20	<100
W636958		<5	0.12	<50	0.07	90	<5	0.09	<5	<50	10	<0.05	<10	<5	21	<100
W636959		<5	0.09	<50	0.05	100	<5	0.09	8	<50	10	<0.05	<10	<5	22	<100
W636960		<5	0.11	<50	<0.05	100	<5	0.06	6	<50	<10	<0.05	<10	<5	12	<100
W636961		5	0.07	<50	<0.05	70	<5	0.09	<5	50	10	<0.05	<10	<5	19	<100
W636962		<5	0.31	<50	0.36	190	<5	0.08	9	70	10	<0.05	<10	<5	19	<100
W636963		<5	0.41	<50	0.36	210	<5	<0.05	10	180	10	<0.05	<10	<5	30	<100
W636964		<5	<0.05	<50	11.55	190	<5	<0.05	<5	140	<10	<0.05	<10	<5	31	<100
W636965		<5	0.16	<50	0.16	140	<5	0.05	<5	<50	10	<0.05	<10	<5	22	<100
W636966		<5	0.36	<50	0.26	230	5	<0.05	8	130	<10	<0.05	<10	<5	37	<100
W636967		<5	0.25	<50	0.15	140	<5	0.05	5	<50	<10	<0.05	10	<5	21	<100
W636968		<5	0.42	<50	0.41	170	<5	<0.05	14	100	10	<0.05	<10	<5	23	<100
W636969		<5	0.41	<50	0.39	170	<5	0.06	10	160	10	<0.05	10	<5	24	<100
W636970		5	0.69	<50	0.72	300	<5	<0.05	<5	420	30	<0.05	<10	<5	48	<100
W636971		<5	0.12	<50	0.12	110	<5	0.07	7	60	10	<0.05	<10	<5	23	<100
W636972		<5	0.19	<50	0.14	130	<5	0.07	5	110	10	<0.05	<10	<5	25	<100
W636973		<5	0.22	<50	0.23	170	5	0.05	11	90	<10	<0.05	<10	<5	26	<100
W636974		<5	0.71	<50	0.91	330	<5	0.05	16	390	10	<0.05	<10	<5	40	<100
W636975		<5	1.60	<50	2.29	700	<5	<0.05	56	1260	<10	<0.05	<10	<5	83	<100
W636976		6	0.66	<50	0.73	330	<5	<0.05	15	290	<10	<0.05	<10	<5	39	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636941		<0.05	<50	<50	<5	<50	10
W636942		<0.05	<50	<50	<5	<50	10
W636943		<0.05	<50	<50	16	<50	10
W636944		<0.05	<50	<50	10	<50	10
W636945		<0.05	<50	<50	6	<50	10
W636946		<0.05	<50	<50	7	<50	<10
W636947		<0.05	<50	<50	5	<50	10
W636948		<0.05	<50	<50	6	<50	<10
W636949		<0.05	<50	<50	5	<50	10
W636950		0.14	<50	<50	36	<50	40
W636951		0.13	<50	<50	30	<50	20
W636952		0.12	<50	<50	64	<50	30
W636953		<0.05	<50	<50	59	<50	2330
W636954		0.10	<50	<50	17	<50	10
W636955		<0.05	<50	<50	<5	<50	<10
W636956		<0.05	<50	<50	<5	<50	<10
W636957		<0.05	<50	<50	<5	<50	<10
W636958		<0.05	<50	<50	<5	<50	<10
W636959		<0.05	<50	<50	<5	<50	<10
W636960		<0.05	<50	<50	<5	<50	<10
W636961		<0.05	<50	<50	<5	<50	20
W636962		<0.05	<50	<50	14	<50	10
W636963		0.06	<50	<50	10	<50	10
W636964		<0.05	<50	<50	<5	<50	10
W636965		<0.05	<50	<50	<5	<50	10
W636966		<0.05	<50	<50	7	<50	10
W636967		<0.05	<50	<50	5	<50	10
W636968		<0.05	<50	<50	12	<50	10
W636969		0.05	<50	<50	14	<50	20
W636970		0.08	<50	<50	32	<50	60
W636971		<0.05	<50	<50	<5	<50	10
W636972		<0.05	<50	<50	5	<50	10
W636973		<0.05	<50	<50	10	<50	10
W636974		0.09	<50	<50	33	<50	20
W636975		0.36	<50	<50	82	<50	60
W636976		0.07	<50	<50	30	<50	20



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CERTIFICATE OF ANALYSIS WH17189959

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17189961

Project: Dan Man
 P.O. No.: 1006216-Batch 42
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
FND-02	Find Sample for Addn Analysis
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH17189961

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
W636977		3.20	<0.001	<1	1.64	<10	70	<5	10	1.20	<5	7	74	33	2.22	<50
W636978		3.30	<0.001	<1	2.50	10	280	<5	<10	2.32	<5	16	85	14	3.29	<50
W636979		3.16	<0.001	1	2.10	10	180	<5	<10	2.23	<5	13	90	21	2.67	<50
W636980		3.86	<0.001	<1	0.41	10	<50	<5	<10	0.76	<5	<5	14	<5	0.53	<50
W636981		3.40	<0.001	<1	0.95	<10	<50	<5	10	1.02	<5	<5	35	80	1.28	<50
W636982		2.96	<0.001	<1	0.48	<10	<50	<5	10	0.58	<5	<5	20	<5	0.93	<50
W636983		3.12	0.004	<1	0.58	10	<50	<5	<10	1.00	<5	<5	24	25	1.32	<50
W636984		3.72	<0.001	<1	0.65	<10	<50	<5	10	1.34	<5	<5	14	<5	1.27	<50
W636985		3.52	<0.001	<1	0.67	<10	<50	<5	<10	1.05	<5	<5	21	<5	1.25	<50
W636986		3.28	<0.001	<1	0.54	<10	<50	<5	<10	0.75	<5	<5	27	<5	1.05	<50
W636987		2.68	<0.001	<1	0.37	<10	<50	<5	<10	0.69	<5	<5	20	7	1.08	<50
W636988		2.72	<0.001	1	0.93	<10	80	<5	<10	0.62	<5	<5	11	<5	2.02	<50
W636989		0.32	1.130	<1	0.63	240	110	<5	10	17.00	<5	<5	28	67	2.48	<50
W636990		2.72	<0.001	1	0.53	<10	<50	<5	10	0.28	<5	<5	8	<5	2.10	<50
W636991		2.74	<0.001	<1	0.76	<10	50	<5	<10	0.59	<5	<5	10	57	1.73	<50
W636992		3.54	<0.001	<1	0.84	10	<50	<5	10	0.68	<5	<5	8	<5	1.81	<50
W636993		3.04	<0.001	<1	1.55	10	200	<5	<10	0.70	<5	5	23	<5	2.93	<50
W636994		3.04	0.001	<1	1.23	10	110	<5	<10	0.88	<5	<5	104	15	2.19	<50
W636995		2.66	0.001	<1	1.91	20	180	<5	<10	3.72	<5	13	225	<5	4.43	<50
W636996		2.44	<0.001	<1	1.34	10	200	<5	<10	2.28	<5	9	146	<5	3.24	<50
W636997		2.50	<0.001	<1	1.69	10	130	<5	<10	1.56	<5	10	90	12	3.16	<50
W636998		2.52	<0.001	<1	1.26	20	190	<5	10	1.23	<5	5	25	<5	3.11	<50
W636999		2.34	<0.001	<1	1.98	40	250	<5	<10	1.34	<5	11	53	<5	4.72	<50
W637000		2.42	0.001	<1	2.65	10	210	<5	<10	3.89	<5	20	287	<5	5.09	<50
W637001		2.34	0.001	<1	3.40	<10	460	<5	<10	5.47	<5	30	240	10	5.32	<50
W637002		2.08	0.001	1	2.74	70	390	<5	<10	3.81	<5	31	132	<5	7.39	<50
W637003		2.56	0.001	<1	1.62	20	220	<5	<10	1.53	<5	12	59	23	3.27	<50
W637004		2.82	0.001	<1	1.45	30	190	<5	<10	2.51	<5	9	73	7	2.65	<50
W637005		3.02	0.971	<1	0.91	30	90	<5	<10	4.20	<5	<5	32	<5	2.60	<50
W637006		2.36	0.001	<1	<0.05	10	<50	<5	10	20.4	<5	<5	<5	<5	0.45	<50
W637007		3.20	0.003	<1	0.70	30	80	<5	10	1.09	<5	<5	15	<5	1.49	<50
W637008		2.86	<0.001	<1	0.74	30	<50	<5	10	0.62	<5	<5	11	<5	1.78	<50
W637009		2.80	<0.001	<1	0.99	30	100	<5	<10	0.96	<5	<5	35	<5	1.93	<50
W637010		3.40	0.027	<1	1.54	20	220	<5	<10	3.10	<5	13	135	113	2.23	<50
W637011		2.84	0.003	<1	1.71	10	120	<5	<10	3.62	<5	13	219	29	2.51	<50
W637012		3.00	0.002	<1	2.29	<10	380	<5	<10	1.35	<5	21	13	7	3.88	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W636977		<5	1.06	<50	1.31	420	<5	<0.05	41	680	20	<0.05	<10	<5	38	<100
W636978		<5	1.65	<50	1.96	640	<5	<0.05	42	1070	<10	<0.05	<10	<5	81	<100
W636979		<5	1.43	<50	1.71	530	<5	<0.05	39	660	<10	<0.05	<10	<5	49	<100
W636980		<5	0.27	<50	<0.05	120	<5	0.07	<5	<50	<10	<0.05	<10	<5	19	<100
W636981		<5	0.51	<50	0.61	230	<5	0.05	13	140	<10	<0.05	<10	<5	28	<100
W636982		<5	0.17	<50	0.14	130	<5	0.06	<5	80	10	<0.05	10	<5	22	<100
W636983		<5	0.13	<50	0.27	200	<5	0.06	5	80	<10	<0.05	<10	<5	22	<100
W636984		<5	0.10	<50	0.32	270	<5	0.05	<5	130	10	<0.05	<10	<5	26	<100
W636985		<5	0.14	<50	0.36	230	<5	0.06	5	100	<10	<0.05	<10	<5	32	<100
W636986		<5	0.23	<50	0.21	160	<5	0.06	<5	90	<10	<0.05	<10	<5	25	<100
W636987		<5	0.12	<50	0.10	120	<5	0.08	<5	60	<10	<0.05	<10	<5	17	<100
W636988		7	0.23	<50	0.40	260	<5	0.06	<5	780	<10	<0.05	10	7	46	<100
W636989		6	0.21	<50	2.97	1670	66	<0.05	76	1060	30	0.83	<10	<5	188	<100
W636990		<5	0.10	<50	0.18	130	<5	0.09	<5	410	<10	<0.05	<10	6	17	<100
W636991		5	0.15	<50	0.27	220	<5	0.10	<5	660	<10	<0.05	<10	6	37	<100
W636992		<5	0.16	<50	0.34	250	<5	0.09	<5	500	<10	<0.05	<10	6	49	<100
W636993		<5	0.68	<50	1.01	400	<5	0.08	<5	730	<10	<0.05	<10	6	36	<100
W636994		<5	0.27	<50	0.87	330	<5	0.08	31	930	<10	<0.05	10	6	43	<100
W636995		<5	1.04	<50	1.41	890	<5	<0.05	59	950	20	<0.05	<10	19	52	<100
W636996		<5	0.71	<50	1.05	790	<5	<0.05	44	600	20	<0.05	<10	15	37	<100
W636997		<5	0.46	<50	0.90	480	<5	0.05	36	620	<10	<0.05	10	11	47	<100
W636998		<5	0.57	<50	0.50	410	<5	<0.05	10	620	20	<0.05	<10	11	30	<100
W636999		<5	1.08	<50	1.13	680	<5	<0.05	20	930	20	<0.05	10	17	47	<100
W637000		<5	1.59	<50	2.48	950	<5	<0.05	81	1120	10	<0.05	<10	24	109	<100
W637001		<5	1.87	<50	3.12	970	<5	<0.05	93	950	10	<0.05	<10	23	85	<100
W637002		<5	1.10	<50	1.85	1480	<5	<0.05	48	1490	20	<0.05	10	26	33	<100
W637003		<5	0.55	<50	0.83	440	<5	<0.05	25	720	20	<0.05	10	12	29	<100
W637004		5	0.42	<50	0.72	370	<5	<0.05	25	490	10	<0.05	<10	11	41	<100
W637005		<5	0.53	<50	0.37	450	<5	<0.05	11	290	40	<0.05	10	9	17	<100
W637006		<5	<0.05	<50	11.40	200	<5	<0.05	<5	170	<10	<0.05	<10	<5	39	<100
W637007		<5	0.19	<50	0.22	320	<5	0.06	6	200	10	<0.05	10	10	13	<100
W637008		<5	0.14	<50	0.15	120	<5	0.05	<5	200	<10	<0.05	10	8	17	<100
W637009		6	0.20	<50	0.44	220	<5	0.05	9	170	10	<0.05	<10	10	19	<100
W637010		6	0.36	<50	1.37	400	<5	0.10	38	1240	<10	<0.05	<10	7	63	<100
W637011		<5	0.37	<50	1.10	380	<5	<0.05	56	780	10	<0.05	10	12	38	<100
W637012		<5	0.77	<50	1.33	490	<5	<0.05	8	1180	<10	<0.05	<10	9	38	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W636977		0.14	<50	<50	39	<50	30
W636978		0.26	<50	<50	77	<50	50
W636979		0.18	<50	<50	53	<50	40
W636980		<0.05	<50	<50	<5	<50	<10
W636981		0.07	<50	<50	17	<50	10
W636982		<0.05	<50	<50	8	<50	10
W636983		<0.05	<50	<50	13	<50	10
W636984		<0.05	<50	<50	17	<50	10
W636985		<0.05	<50	<50	17	<50	10
W636986		<0.05	<50	<50	9	<50	10
W636987		<0.05	<50	<50	5	<50	<10
W636988		0.13	<50	<50	8	<50	10
W636989		<0.05	<50	<50	174	<50	430
W636990		0.05	<50	<50	<5	<50	10
W636991		0.11	<50	<50	5	<50	10
W636992		0.11	<50	<50	7	<50	10
W636993		0.17	<50	<50	46	<50	30
W636994		0.14	<50	<50	32	<50	20
W636995		0.13	<50	<50	62	<50	150
W636996		0.10	<50	<50	51	<50	50
W636997		0.11	<50	<50	66	<50	60
W636998		0.07	<50	<50	46	<50	70
W636999		0.15	<50	<50	87	<50	130
W637000		0.24	<50	<50	91	<50	100
W637001		0.28	<50	<50	133	<50	110
W637002		0.20	<50	<50	162	<50	190
W637003		0.08	<50	<50	75	<50	80
W637004		0.10	<50	<50	42	<50	40
W637005		<0.05	<50	<50	24	<50	140
W637006		<0.05	<50	<50	<5	<50	10
W637007		<0.05	<50	<50	13	<50	20
W637008		<0.05	<50	<50	11	<50	10
W637009		<0.05	<50	<50	16	<50	10
W637010		0.26	<50	<50	55	<50	30
W637011		0.09	<50	<50	64	<50	70
W637012		0.13	<50	<50	91	<50	60



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CERTIFICATE OF ANALYSIS WH17189961

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	FND-02
	LOG-22	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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Project: Dan Man
 P.O. No.: 1006216-Batch 43
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W637013		3.12	0.001	<1	1.91	20	380	<5	<10	2.64	<5	15	95	34	3.05	<50
W637014		3.10	<0.001	<1	1.77	10	300	<5	<10	2.02	<5	11	63	10	2.81	<50
W637015		2.80	0.034	<1	1.97	50	340	<5	<10	3.93	<5	20	118	17	3.85	<50
W637016		3.18	<0.001	<1	0.63	10	<50	<5	<10	1.63	<5	<5	13	<5	1.51	<50
W637017		3.10	<0.001	<1	0.80	20	<50	<5	<10	1.80	<5	<5	19	<5	1.83	<50
W637018		3.02	<0.001	<1	0.91	10	90	<5	<10	1.49	<5	<5	29	6	1.97	<50
W637019		2.80	<0.001	<1	1.19	10	200	<5	<10	1.63	<5	7	18	6	2.09	<50
W637020		3.06	0.001	<1	1.04	20	130	<5	<10	1.72	<5	5	17	<5	2.42	<50
W637021		3.50	<0.001	<1	1.84	20	130	<5	<10	3.69	<5	14	177	15	2.77	<50
W637022		3.26	<0.001	<1	1.06	<10	70	<5	<10	0.90	<5	<5	31	5	2.40	<50
W637023		0.32	1.350	28	1.17	510	640	<5	<10	0.26	32	<5	17	135	5.32	<50
W637024		2.90	<0.001	<1	0.45	10	<50	<5	<10	1.27	<5	<5	16	8	1.66	<50
W637025		3.28	<0.001	<1	0.92	<10	60	<5	<10	1.46	<5	<5	30	6	2.07	<50
W637026		3.32	<0.001	<1	0.84	10	<50	<5	<10	1.43	<5	<5	14	<5	2.30	<50
W637027		3.28	0.001	<1	1.76	10	70	<5	<10	3.77	<5	11	90	19	3.61	<50
W637028		3.72	<0.001	<1	1.16	20	110	<5	<10	1.67	<5	<5	22	<5	3.12	<50
W637029		3.46	<0.001	<1	0.75	20	<50	<5	<10	1.86	<5	<5	19	<5	2.92	<50
W637030		3.50	<0.001	<1	1.77	10	270	<5	<10	2.74	<5	10	33	9	4.24	<50
W637031		3.56	0.001	<1	2.23	<10	360	<5	<10	2.35	<5	17	142	23	3.81	<50
W637032		3.26	0.002	<1	2.85	30	440	<5	<10	3.84	<5	24	119	29	4.63	<50
W637033		2.94	<0.001	<1	3.33	<10	680	<5	<10	3.55	<5	22	217	27	4.78	<50
W637034		3.18	<0.001	<1	3.67	10	750	<5	<10	5.23	<5	23	158	17	5.59	<50
W637035		2.68	<0.001	<1	1.27	20	190	<5	<10	1.87	<5	11	14	7	2.36	<50
W637036		3.06	<0.001	<1	0.50	<10	70	<5	<10	1.05	<5	<5	13	<5	0.93	<50
W637037		3.58	<0.001	<1	0.43	<10	60	<5	<10	0.81	<5	<5	14	<5	0.76	<50
W637038		3.32	<0.001	<1	0.76	20	60	<5	<10	1.29	<5	<5	55	6	1.39	<50
W637039		3.90	<0.001	<1	0.61	10	<50	<5	<10	1.50	<5	<5	42	<5	1.24	<50
W637040		3.52	<0.001	<1	0.28	20	<50	<5	<10	0.43	<5	<5	16	5	0.89	<50
W637041		2.66	0.002	<1	2.06	50	90	<5	<10	2.41	<5	14	49	13	3.77	<50
W637042		3.52	<0.001	<1	1.52	10	150	<5	<10	3.44	<5	12	83	15	2.99	<50
W637043		2.66	0.027	<1	0.71	180	100	<5	<10	1.75	<5	<5	17	15	1.81	<50
W637044		2.58	0.030	<1	0.82	210	70	<5	<10	1.59	<5	5	17	6	1.69	<50
W637045		2.82	<0.001	<1	0.78	40	<50	<5	<10	0.68	<5	<5	7	<5	0.74	<50
W637046		2.92	<0.001	<1	1.05	60	80	<5	<10	0.97	<5	7	11	<5	1.77	<50
W637047		2.62	<0.001	<1	1.01	80	70	<5	<10	2.93	<5	5	18	<5	1.77	<50
W637048		2.30	0.003	<1	<0.05	<10	<50	<5	<10	21.2	<5	<5	<5	<5	0.46	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W637013		6	0.75	<50	1.39	600	<5	0.08	31	630	10	<0.05	<10	9	20	<100
W637014		<5	0.97	<50	1.06	640	<5	0.06	25	540	<10	<0.05	20	8	21	<100
W637015		<5	1.08	<50	1.14	820	<5	<0.05	38	930	30	<0.05	30	13	37	<100
W637016		6	0.22	<50	0.22	270	<5	0.05	8	230	<10	<0.05	10	8	6	<100
W637017		<5	0.23	<50	0.20	240	<5	<0.05	<5	270	20	<0.05	20	<5	24	<100
W637018		<5	0.42	<50	0.37	400	<5	<0.05	8	330	<10	<0.05	<10	5	15	<100
W637019		<5	0.68	<50	0.62	380	<5	<0.05	9	500	10	<0.05	<10	7	17	<100
W637020		6	0.41	<50	0.53	430	<5	<0.05	8	330	10	<0.05	10	12	50	<100
W637021		<5	0.52	<50	1.53	590	<5	<0.05	78	650	10	<0.05	<10	8	35	<100
W637022		<5	0.27	<50	0.58	320	<5	0.07	14	230	10	<0.05	<10	8	16	<100
W637023		10	0.50	<50	0.10	1050	6	<0.05	7	1420	3390	0.37	20	<5	159	<100
W637024		<5	0.12	<50	0.15	220	6	0.05	<5	120	10	<0.05	10	6	6	<100
W637025		<5	0.30	<50	0.53	350	<5	0.07	7	300	10	<0.05	<10	8	15	<100
W637026		<5	0.21	<50	0.38	280	6	0.06	<5	330	<10	<0.05	<10	10	14	<100
W637027		<5	0.29	<50	1.20	540	<5	0.06	36	600	10	<0.05	<10	12	42	<100
W637028		<5	0.48	<50	0.55	450	<5	<0.05	8	420	20	<0.05	<10	14	21	<100
W637029		<5	0.18	<50	0.27	390	<5	0.05	7	370	10	<0.05	<10	13	14	<100
W637030		<5	0.74	<50	1.21	640	<5	0.05	13	870	20	<0.05	<10	15	34	<100
W637031		<5	1.12	<50	1.92	740	<5	<0.05	60	760	<10	<0.05	<10	13	26	<100
W637032		<5	1.03	<50	2.43	910	<5	<0.05	51	1320	20	<0.05	<10	13	54	<100
W637033		<5	2.03	<50	2.94	930	<5	<0.05	100	1340	10	<0.05	<10	12	31	<100
W637034		<5	2.62	<50	2.92	1030	<5	<0.05	85	1820	<10	<0.05	10	17	40	<100
W637035		<5	0.96	<50	0.60	510	<5	<0.05	8	590	10	<0.05	<10	<5	25	<100
W637036		<5	0.30	<50	0.08	210	<5	<0.05	6	80	20	<0.05	10	<5	12	<100
W637037		<5	0.25	<50	0.05	100	<5	0.05	<5	100	10	<0.05	<10	<5	20	<100
W637038		<5	0.51	<50	0.38	280	<5	<0.05	23	200	20	<0.05	<10	<5	16	<100
W637039		<5	0.36	<50	0.28	230	<5	0.05	12	130	10	<0.05	<10	<5	25	<100
W637040		<5	0.20	<50	<0.05	120	<5	0.05	<5	<50	<10	<0.05	<10	<5	<5	<100
W637041		<5	1.11	<50	1.33	690	<5	<0.05	15	890	20	<0.05	10	11	60	<100
W637042		6	1.13	<50	1.21	610	5	<0.05	19	320	20	<0.05	<10	9	46	<100
W637043		<5	0.31	<50	0.14	520	5	<0.05	11	250	10	<0.05	<10	<5	15	<100
W637044		<5	0.25	<50	0.14	500	<5	<0.05	14	220	160	<0.05	10	<5	49	<100
W637045		<5	0.18	<50	0.09	180	<5	<0.05	<5	<50	10	<0.05	<10	<5	12	<100
W637046		<5	0.30	<50	0.35	390	<5	<0.05	8	410	20	<0.05	10	5	48	<100
W637047		<5	0.22	<50	0.22	400	<5	<0.05	9	180	20	<0.05	10	<5	99	<100
W637048		5	<0.05	<50	11.75	210	<5	<0.05	<5	130	<10	<0.05	<10	<5	26	<100



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189963

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W637013		0.17	<50	<50	68	<50	40
W637014		0.14	<50	<50	49	<50	40
W637015		0.10	<50	<50	87	<50	170
W637016		<0.05	<50	<50	18	<50	20
W637017		<0.05	<50	<50	24	<50	10
W637018		<0.05	<50	<50	31	<50	20
W637019		0.07	<50	<50	39	<50	30
W637020		<0.05	<50	<50	55	<50	20
W637021		0.10	<50	<50	48	<50	40
W637022		0.05	<50	<50	25	<50	20
W637023		<0.05	<50	<50	58	<50	2320
W637024		<0.05	<50	<50	13	<50	10
W637025		0.05	<50	<50	23	<50	20
W637026		<0.05	<50	<50	17	<50	20
W637027		0.05	<50	<50	57	<50	40
W637028		0.07	<50	<50	10	<50	20
W637029		<0.05	<50	<50	7	<50	20
W637030		0.12	<50	<50	52	<50	40
W637031		0.17	<50	<50	65	<50	40
W637032		0.19	<50	<50	101	<50	60
W637033		0.29	<50	<50	111	<50	70
W637034		0.34	<50	<50	131	<50	80
W637035		0.10	<50	<50	30	<50	40
W637036		<0.05	<50	<50	<5	<50	20
W637037		<0.05	<50	<50	<5	<50	10
W637038		<0.05	<50	<50	15	<50	20
W637039		<0.05	<50	<50	11	<50	20
W637040		<0.05	<50	<50	6	<50	10
W637041		0.12	<50	<50	81	<50	70
W637042		0.11	<50	<50	67	<50	40
W637043		<0.05	<50	<50	16	<50	40
W637044		<0.05	<50	<50	16	<50	40
W637045		<0.05	<50	<50	6	<50	20
W637046		<0.05	<50	<50	24	<50	50
W637047		<0.05	<50	<50	17	<50	60
W637048		<0.05	<50	<50	<5	<50	10



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Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189963

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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CERTIFICATE WH17189966

Project: Dan Man
 P.O. No.: 1006216-Batch 44
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
W637049		2.24	0.111	<1	1.27	140	100	<5	<10	5.62	<5	18	58	35	4.45	<50
W637050		2.34	0.001	<1	<0.05	<10	<50	<5	<10	21.1	<5	<5	<5	<5	0.49	<50
W637051		3.26	0.001	<1	0.74	<10	<50	<5	<10	1.61	<5	<5	9	6	1.03	<50
W637052		3.34	0.006	<1	0.48	<10	<50	<5	<10	1.18	<5	<5	15	5	1.11	<50
W637053		3.54	0.002	<1	0.77	<10	90	<5	10	1.67	<5	<5	12	<5	1.96	<50
W637054		3.14	0.004	<1	1.73	<10	100	<5	<10	4.42	<5	17	295	<5	3.27	<50
W637055		3.52	0.014	<1	0.40	<10	<50	<5	<10	1.32	<5	<5	9	<5	0.71	<50
W637056		3.48	0.001	<1	0.63	<10	<50	<5	<10	1.43	<5	<5	13	5	1.42	<50
W637057		2.68	0.006	<1	0.48	<10	<50	<5	10	0.84	<5	<5	16	7	1.12	<50
W637058		3.30	<0.001	<1	0.83	<10	<50	<5	10	1.75	<5	5	12	5	1.98	<50
W637059		3.54	0.008	<1	2.17	10	210	<5	10	6.10	<5	31	124	38	4.64	<50
W637060		3.24	<0.001	<1	0.55	<10	<50	<5	20	1.20	<5	<5	20	6	0.94	<50
W637061		3.32	<0.001	<1	0.36	<10	<50	<5	10	1.11	<5	<5	9	5	0.59	<50
W637062		3.16	<0.001	<1	0.34	<10	<50	<5	<10	1.70	<5	<5	16	5	0.70	<50
W637063		3.34	<0.001	<1	0.57	<10	<50	<5	<10	1.43	<5	<5	20	<5	1.45	<50
W637064		2.74	<0.001	<1	0.86	<10	90	<5	10	3.25	<5	7	25	<5	2.01	<50
W637065		3.14	<0.001	<1	0.64	<10	<50	<5	<10	2.83	<5	7	20	<5	2.21	<50
W637066		3.70	<0.001	<1	0.64	<10	<50	<5	<10	1.97	<5	<5	18	5	1.59	<50
W637067		3.34	<0.001	<1	0.61	<10	<50	<5	<10	2.21	<5	<5	16	5	1.42	<50
W637068		3.24	<0.001	<1	1.26	<10	90	<5	<10	6.88	<5	14	72	12	3.66	<50
W637069		3.44	<0.001	<1	1.54	10	180	<5	<10	2.71	<5	9	17	10	3.06	<50
W637070		3.42	<0.001	<1	0.49	<10	<50	<5	10	1.85	<5	<5	14	7	1.24	<50
W637071		3.78	<0.001	<1	0.52	<10	50	<5	<10	2.82	<5	<5	26	7	1.81	<50
W637072		3.56	0.004	<1	0.41	<10	90	<5	<10	1.33	<5	<5	15	<5	1.05	<50
W637073		3.42	0.001	<1	0.57	<10	<50	<5	<10	1.30	<5	<5	19	7	1.85	<50
W637074		3.48	<0.001	<1	0.75	<10	<50	<5	10	2.00	<5	<5	25	<5	1.78	<50
W637075		3.56	<0.001	<1	0.34	<10	<50	<5	10	1.46	<5	<5	21	<5	1.17	<50
W637076		0.32	1.210	1	0.57	220	110	<5	20	17.75	<5	5	26	81	2.51	<50
W637077		3.18	0.001	<1	0.62	<10	60	<5	<10	1.30	<5	8	16	11	1.68	<50
W637078		3.70	<0.001	<1	1.35	<10	270	<5	10	2.59	<5	13	47	17	2.61	<50
W637079		3.48	<0.001	<1	1.36	<10	150	<5	<10	2.35	<5	11	75	19	2.46	<50
W637080		3.78	<0.001	<1	1.06	<10	60	<5	10	2.46	<5	11	101	15	2.06	<50
W637081		3.78	<0.001	<1	0.28	<10	<50	<5	10	1.19	<5	<5	20	<5	1.06	<50
W637082		2.84	<0.001	<1	2.11	<10	360	<5	10	4.16	<5	20	98	5	4.79	<50
W637083		2.90	0.001	<1	1.56	<10	260	<5	<10	4.10	<5	14	139	13	2.97	<50
W637084		3.60	<0.001	<1	0.28	<10	<50	<5	10	0.46	<5	<5	18	<5	0.74	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W637049		<5	0.18	<50	0.46	750	<5	<0.05	29	460	10	<0.05	40	14	50	<100
W637050		<5	<0.05	<50	11.85	210	<5	<0.05	<5	170	<10	<0.05	10	<5	29	<100
W637051		<5	0.23	<50	0.11	160	5	<0.05	<5	120	10	<0.05	<10	<5	23	<100
W637052		<5	0.20	<50	0.08	160	<5	<0.05	5	80	<10	<0.05	<10	<5	7	<100
W637053		<5	0.46	<50	0.33	340	<5	0.05	<5	380	10	<0.05	<10	<5	21	<100
W637054		<5	1.31	<50	1.59	730	<5	0.05	81	600	<10	<0.05	<10	12	51	<100
W637055		<5	0.21	<50	0.15	150	<5	0.05	<5	100	<10	<0.05	<10	<5	18	<100
W637056		<5	0.37	<50	0.33	240	5	0.07	<5	250	10	<0.05	<10	<5	19	<100
W637057		<5	0.20	<50	0.19	160	7	0.06	<5	60	<10	<0.05	10	<5	28	<100
W637058		<5	0.51	<50	0.71	370	6	0.06	6	370	<10	<0.05	<10	<5	57	<100
W637059		<5	1.58	<50	2.87	970	<5	0.05	40	610	20	0.17	20	16	101	<100
W637060		<5	0.37	<50	0.22	210	6	0.06	6	90	<10	<0.05	10	<5	23	<100
W637061		<5	0.21	<50	0.13	140	<5	0.07	<5	<50	<10	<0.05	<10	<5	27	<100
W637062		<5	0.18	<50	0.06	170	9	0.09	<5	<50	<10	<0.05	<10	<5	31	<100
W637063		<5	0.34	<50	0.37	290	6	0.08	7	250	<10	<0.05	<10	<5	25	<100
W637064		<5	0.53	<50	0.85	440	6	0.06	10	350	10	<0.05	<10	<5	49	<100
W637065		<5	0.34	<50	0.41	420	10	0.06	9	510	10	<0.05	10	<5	63	<100
W637066		<5	0.39	<50	0.37	260	9	0.07	7	280	10	<0.05	<10	<5	61	<100
W637067		<5	0.40	<50	0.44	290	7	0.06	<5	310	10	<0.05	<10	<5	59	<100
W637068		<5	0.65	<50	2.15	800	7	0.05	27	440	10	<0.05	10	10	110	<100
W637069		<5	1.06	<50	1.19	610	7	0.06	5	530	<10	<0.05	10	7	50	<100
W637070		<5	0.24	<50	0.50	240	7	0.08	5	200	10	<0.05	<10	<5	36	<100
W637071		<5	0.23	<50	0.85	310	6	0.08	7	240	10	<0.05	10	<5	65	<100
W637072		<5	0.18	<50	0.08	390	<5	0.08	<5	200	<10	<0.05	<10	<5	23	<100
W637073		<5	0.19	<50	0.22	170	<5	0.06	<5	210	<10	<0.05	10	<5	31	<100
W637074		<5	0.27	<50	0.46	240	9	0.07	6	270	<10	<0.05	10	<5	46	<100
W637075		<5	0.12	<50	0.34	160	8	0.08	6	100	<10	<0.05	<10	<5	31	<100
W637076		8	0.20	<50	3.07	1660	72	<0.05	77	1070	30	0.89	10	<5	177	<100
W637077		<5	0.35	<50	0.48	230	5	0.06	5	450	10	0.06	<10	<5	28	<100
W637078		<5	0.66	<50	1.33	470	6	0.08	18	630	10	0.11	10	6	54	<100
W637079		<5	0.65	<50	1.22	410	<5	0.08	26	420	10	0.06	10	7	47	<100
W637080		<5	0.32	<50	1.13	360	5	0.05	49	330	<10	0.05	<10	6	49	<100
W637081		<5	0.11	<50	0.29	140	5	0.09	6	100	<10	0.05	<10	<5	26	<100
W637082		<5	1.22	<50	2.17	780	5	0.05	38	1080	10	0.09	10	16	76	<100
W637083		<5	1.02	<50	1.21	570	<5	<0.05	66	520	10	<0.05	<10	10	30	<100
W637084		<5	0.11	<50	0.05	80	5	0.09	6	<50	<10	<0.05	<10	<5	<5	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W637049		<0.05	<50	<50	58	<50	160
W637050		<0.05	<50	<50	<5	<50	<10
W637051		<0.05	<50	<50	10	<50	20
W637052		<0.05	<50	<50	6	<50	10
W637053		0.05	<50	<50	35	<50	30
W637054		0.13	<50	<50	77	<50	50
W637055		<0.05	<50	<50	<5	<50	10
W637056		<0.05	<50	<50	12	<50	40
W637057		<0.05	<50	<50	<5	<50	10
W637058		0.05	<50	<50	26	<50	30
W637059		0.15	<50	<50	103	<50	80
W637060		<0.05	<50	<50	7	<50	<10
W637061		<0.05	<50	<50	<5	<50	<10
W637062		<0.05	<50	<50	<5	<50	<10
W637063		<0.05	<50	<50	14	<50	10
W637064		<0.05	<50	<50	23	<50	30
W637065		<0.05	<50	<50	23	<50	20
W637066		<0.05	<50	<50	13	<50	10
W637067		<0.05	<50	<50	10	<50	20
W637068		0.05	<50	<50	63	<50	60
W637069		0.10	<50	<50	51	<50	40
W637070		<0.05	<50	<50	10	<50	20
W637071		<0.05	<50	<50	17	<50	40
W637072		<0.05	<50	<50	5	<50	<10
W637073		<0.05	<50	<50	13	<50	20
W637074		<0.05	<50	<50	17	<50	20
W637075		<0.05	<50	<50	6	<50	10
W637076		<0.05	<50	<50	171	<50	410
W637077		<0.05	<50	<50	22	<50	30
W637078		0.17	<50	<50	53	<50	40
W637079		0.13	<50	<50	47	<50	40
W637080		<0.05	<50	<50	40	<50	10
W637081		<0.05	<50	<50	6	<50	10
W637082		0.13	<50	<50	138	<50	100
W637083		0.09	<50	<50	65	<50	50
W637084		<0.05	<50	<50	<5	<50	<10



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Finalized Date: **13-OCT-2017**
Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189966

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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 Plus Appendix Pages
 Finalized Date: 20-OCT-2017
 Account: DEVARC

CERTIFICATE WH17189969

Project: Dan Man
 P.O. No.: 1006216-Batch 45
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189969

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
W637085		3.74	0.008	<1	0.88	30	50	<5	<10	3.02	<5	12	78	11	2.85	<50
W637086		2.54	0.168	<1	1.04	810	70	<5	10	4.37	<5	15	32	14	3.12	<50
W637087		2.54	1.765	<1	0.99	880	110	<5	<10	0.85	<5	16	46	20	3.11	<50
W637088		2.24	0.005	<1	<0.05	<10	<50	<5	<10	21.0	<5	<5	<5	<5	0.45	<50
W637089		2.62	0.070	1	0.74	80	<50	<5	<10	0.26	<5	<5	12	12	0.96	<50
W637090		2.78	0.051	<1	1.24	170	90	<5	<10	3.35	<5	7	36	37	2.30	<50
W637091		3.12	0.736	<1	0.80	1910	80	<5	10	0.25	<5	5	13	7	1.96	<50
W637092		2.36	0.707	<1	0.78	640	70	<5	<10	1.34	<5	<5	14	5	1.50	<50
W637093		2.46	0.268	<1	1.11	330	140	<5	10	2.29	<5	8	22	<5	2.14	<50
W637094		2.44	0.205	<1	2.03	250	260	<5	<10	2.76	<5	18	16	11	3.85	<50
W637095		3.02	0.046	<1	1.85	40	120	<5	<10	2.54	<5	10	70	15	2.63	<50
W637096		3.00	0.012	<1	1.70	30	50	<5	<10	2.28	<5	7	60	18	2.58	<50
W637097		2.64	0.008	<1	1.68	20	230	<5	<10	2.64	<5	5	94	11	3.26	<50
W637098		3.16	0.010	<1	1.56	30	180	<5	<10	1.99	<5	6	51	<5	3.03	<50
W637099		2.60	0.009	<1	1.44	20	160	<5	<10	2.80	<5	<5	40	<5	3.43	<50
W637100		2.64	0.004	<1	1.45	10	180	<5	10	3.88	<5	5	45	<5	3.90	<50
K294001		2.64	0.005	<1	1.42	<10	190	<5	<10	3.91	<5	11	54	13	4.23	<50
K294002		2.56	<0.001	<1	3.40	<10	310	<5	<10	0.60	<5	25	43	13	6.22	<50
K294003		3.46	0.001	<1	0.36	<10	70	<5	<10	0.06	<5	<5	6	<5	0.79	<50
K294004		3.02	0.003	<1	0.23	10	<50	<5	10	<0.05	<5	<5	5	<5	0.58	<50
K294005		2.92	<0.001	<1	0.28	<10	<50	<5	<10	<0.05	<5	<5	5	<5	0.77	<50
K294006		2.92	<0.001	<1	0.28	<10	<50	<5	<10	<0.05	<5	<5	<5	<5	0.80	<50
K294007		4.22	<0.001	<1	0.29	<10	<50	<5	<10	<0.05	<5	<5	6	<5	0.76	<50
K294008		3.52	0.001	<1	0.32	<10	<50	<5	<10	<0.05	<5	<5	<5	<5	0.66	<50
K294009		3.16	<0.001	<1	0.30	<10	<50	<5	<10	<0.05	<5	<5	<5	<5	0.65	<50
K294010		4.46	<0.001	<1	0.25	<10	<50	<5	10	<0.05	<5	<5	<5	<5	0.69	<50
K294011		3.68	<0.001	1	0.30	<10	<50	<5	<10	<0.05	<5	<5	5	<5	0.73	<50
K294012		2.38	<0.001	<1	1.81	<10	220	<5	<10	0.28	<5	5	9	<5	3.47	<50
K294013		3.00	<0.001	<1	1.07	<10	160	<5	<10	0.26	<5	<5	8	<5	2.06	<50
K294014		0.32	1.165	<1	0.57	240	110	<5	<10	17.55	<5	<5	23	68	2.51	<50
K294015		2.50	0.002	<1	0.34	<10	<50	<5	<10	0.05	<5	<5	<5	<5	0.61	<50
K294016		2.28	<0.001	<1	0.33	<10	<50	<5	<10	<0.05	<5	<5	6	<5	0.75	<50
K294017		2.56	<0.001	<1	0.38	<10	<50	<5	<10	0.05	<5	<5	8	<5	0.86	<50
K294018		2.56	<0.001	<1	2.48	<10	230	<5	<10	0.59	<5	15	21	<5	3.83	<50
K294019		3.22	0.001	<1	0.36	10	60	<5	<10	0.06	<5	<5	13	<5	1.33	<50
K294020		2.82	<0.001	<1	0.81	<10	80	<5	<10	0.11	<5	<5	21	<5	1.48	<50



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 Total # Pages: 2 (A - C)
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 Finalized Date: 20-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189969

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
W637085		<5	0.24	<50	0.20	400	6	<0.05	32	370	<10	<0.05	10	9	31	<100
W637086		<5	0.45	<50	0.17	620	<5	<0.05	39	460	70	<0.05	30	7	50	<100
W637087		<5	0.39	<50	0.17	690	<5	<0.05	41	240	30	<0.05	40	9	68	<100
W637088		<5	<0.05	<50	11.85	200	<5	<0.05	<5	150	<10	<0.05	<10	<5	37	<100
W637089		<5	0.16	<50	0.09	130	<5	<0.05	5	80	40	<0.05	10	<5	33	<100
W637090		<5	0.45	<50	0.36	540	<5	<0.05	14	270	70	<0.05	30	6	70	<100
W637091		<5	0.39	<50	0.14	240	<5	<0.05	5	220	30	<0.05	20	5	90	<100
W637092		<5	0.26	<50	0.19	230	<5	<0.05	<5	200	10	<0.05	10	<5	41	<100
W637093		<5	0.42	<50	0.41	440	<5	<0.05	9	500	10	<0.05	20	7	48	<100
W637094		<5	0.92	<50	1.23	630	<5	<0.05	<5	1010	10	0.11	10	11	99	<100
W637095		<5	0.76	<50	1.41	560	<5	<0.05	30	490	20	<0.05	20	8	82	<100
W637096		<5	0.63	<50	1.25	660	5	<0.05	20	510	30	<0.05	30	8	80	<100
W637097		<5	1.08	<50	1.63	700	9	<0.05	37	760	10	<0.05	<10	10	42	<100
W637098		<5	0.94	<50	1.30	570	<5	<0.05	13	540	<10	0.05	10	7	34	<100
W637099		<5	0.74	<50	1.23	630	<5	<0.05	12	620	<10	0.05	10	12	41	<100
W637100		<5	0.86	<50	1.19	910	<5	<0.05	10	360	10	0.05	10	16	61	<100
K294001		<5	0.82	<50	1.60	860	<5	<0.05	17	630	<10	0.05	40	17	66	<100
K294002		<5	2.27	<50	2.56	1030	<5	<0.05	29	1700	<10	<0.05	<10	16	22	<100
K294003		<5	0.20	<50	0.10	120	<5	0.05	<5	100	<10	<0.05	<10	<5	<5	<100
K294004		<5	0.09	<50	<0.05	90	<5	0.09	<5	60	<10	<0.05	10	<5	<5	<100
K294005		<5	0.08	<50	<0.05	120	<5	0.08	<5	80	<10	<0.05	<10	<5	<5	<100
K294006		5	0.11	<50	<0.05	90	<5	0.05	<5	60	<10	<0.05	10	<5	<5	<100
K294007		<5	0.14	<50	<0.05	80	<5	0.06	<5	60	<10	<0.05	<10	<5	<5	<100
K294008		<5	0.20	<50	<0.05	70	<5	0.05	<5	80	<10	<0.05	10	<5	<5	<100
K294009		<5	0.15	<50	<0.05	70	<5	0.06	<5	<50	<10	<0.05	10	<5	<5	<100
K294010		<5	0.12	<50	<0.05	50	<5	0.06	<5	<50	<10	<0.05	<10	<5	<5	<100
K294011		<5	0.18	<50	<0.05	40	<5	0.07	<5	<50	<10	<0.05	<10	<5	<5	<100
K294012		<5	1.29	<50	1.25	610	<5	<0.05	<5	800	<10	<0.05	<10	10	<5	<100
K294013		<5	0.74	<50	0.66	440	<5	0.05	<5	490	<10	<0.05	10	6	<5	<100
K294014		6	0.21	<50	3.04	1660	59	<0.05	67	1100	10	0.86	20	<5	190	<100
K294015		<5	0.11	<50	<0.05	50	<5	0.05	<5	<50	<10	<0.05	10	<5	<5	<100
K294016		<5	0.16	<50	<0.05	50	<5	<0.05	<5	<50	<10	<0.05	10	<5	<5	<100
K294017		<5	0.21	<50	0.07	100	<5	<0.05	<5	90	<10	<0.05	10	<5	<5	<100
K294018		<5	1.65	<50	1.92	750	<5	<0.05	<5	770	<10	<0.05	10	7	29	<100
K294019		<5	0.19	<50	0.11	280	<5	0.05	<5	140	10	<0.05	10	<5	<5	<100
K294020		<5	0.53	<50	0.37	250	<5	0.05	<5	290	<10	<0.05	10	<5	<5	<100



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189969

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
W637085		<0.05	<50	<50	51	<50	110
W637086		<0.05	<50	<50	51	<50	50
W637087		<0.05	<50	<50	44	<50	330
W637088		<0.05	<50	<50	<5	<50	20
W637089		<0.05	<50	<50	9	<50	50
W637090		<0.05	<50	<50	37	<50	100
W637091		<0.05	<50	<50	18	<50	180
W637092		<0.05	<50	<50	13	<50	70
W637093		<0.05	<50	<50	35	<50	60
W637094		0.14	<50	<50	101	<50	80
W637095		0.10	<50	<50	56	<50	60
W637096		0.06	<50	<50	55	<50	70
W637097		0.11	<50	<50	70	<50	50
W637098		0.09	<50	<50	49	<50	30
W637099		0.08	<50	<50	58	<50	30
W637100		0.07	<50	<50	80	<50	30
K294001		0.07	<50	<50	79	<50	80
K294002		0.34	<50	<50	151	<50	100
K294003		<0.05	<50	<50	6	<50	<10
K294004		<0.05	<50	<50	<5	<50	<10
K294005		<0.05	<50	<50	<5	<50	<10
K294006		<0.05	<50	<50	<5	<50	<10
K294007		<0.05	<50	<50	<5	<50	<10
K294008		<0.05	<50	<50	<5	<50	<10
K294009		<0.05	<50	<50	<5	<50	<10
K294010		<0.05	<50	<50	<5	<50	<10
K294011		<0.05	<50	<50	<5	<50	<10
K294012		0.18	<50	<50	91	<50	40
K294013		0.09	<50	<50	47	<50	20
K294014		<0.05	<50	<50	170	<50	410
K294015		<0.05	<50	<50	<5	<50	<10
K294016		<0.05	<50	<50	<5	<50	<10
K294017		<0.05	<50	<50	6	<50	<10
K294018		0.24	<50	<50	101	<50	50
K294019		<0.05	<50	<50	10	<50	20
K294020		<0.05	<50	<50	13	<50	20



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Finalized Date: **20-OCT-2017**
Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189969

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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 Plus Appendix Pages
 Finalized Date: 17-OCT-2017
 Account: DEVARC

CERTIFICATE WH17189971

Project: Dan Man
 P.O. No.: 1006216-Batch 46
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189971

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
K294021		3.78	<0.001	<1	0.49	10	<50	<5	<10	0.13	<5	<5	24	16	1.06	<50
K294022		3.32	<0.001	<1	0.59	10	50	<5	<10	0.10	<5	<5	23	6	1.23	<50
K294023		3.64	<0.001	1	0.62	10	60	<5	<10	0.18	<5	<5	24	7	1.21	<50
K294024		2.92	<0.001	<1	1.93	<10	350	<5	<10	0.30	<5	11	91	12	3.20	<50
K294025		3.04	<0.001	1	0.73	10	120	<5	<10	0.12	<5	<5	22	5	1.50	<50
K294026		3.36	<0.001	<1	1.42	20	160	<5	<10	0.25	<5	7	35	10	2.65	<50
K294027		2.46	<0.001	<1	1.58	10	140	<5	<10	0.34	<5	7	28	9	2.71	<50
K294028		2.84	<0.001	<1	0.44	10	150	<5	<10	0.10	<5	<5	25	7	1.07	<50
K294029		0.34	1.365	31	1.06	500	610	<5	<10	0.25	30	<5	12	134	5.34	<50
K294030		2.84	<0.001	<1	0.37	10	<50	<5	<10	0.07	<5	<5	15	11	0.86	<50
K294031		2.50	<0.001	<1	1.60	10	80	<5	<10	0.64	<5	12	57	13	2.38	<50
K294032		2.84	<0.001	<1	0.33	10	<50	<5	<10	<0.05	<5	<5	11	<5	0.75	<50
K294033		2.92	<0.001	1	2.81	10	770	<5	<10	1.56	<5	24	76	26	4.51	<50
K294034		2.42	<0.001	<1	2.39	<10	680	<5	<10	2.59	<5	28	66	26	3.94	<50
K294035		2.44	<0.001	<1	0.64	10	140	<5	<10	0.50	<5	<5	26	13	1.35	<50
K294036		2.44	<0.001	<1	0.38	<10	<50	<5	<10	0.07	<5	<5	16	5	0.91	<50
K294037		2.54	<0.001	1	0.81	20	70	<5	<10	0.14	<5	6	15	6	1.81	<50
K294038		2.32	<0.001	<1	0.83	10	70	<5	<10	0.10	<5	<5	20	6	1.95	<50
K294039		2.34	<0.001	<1	0.40	10	<50	<5	<10	<0.05	<5	<5	14	5	0.93	<50
K294040		2.92	<0.001	1	0.35	20	<50	<5	<10	<0.05	<5	<5	14	6	1.09	<50
K294041		2.84	<0.001	1	0.35	10	<50	<5	<10	<0.05	<5	<5	14	5	0.78	<50
K294042		2.70	<0.001	<1	0.39	10	<50	<5	<10	<0.05	<5	<5	13	<5	1.02	<50
K294043		2.60	<0.001	<1	0.52	10	60	<5	<10	0.05	<5	<5	12	9	1.16	<50
K294044		2.52	<0.001	<1	1.43	<10	100	<5	<10	0.43	<5	13	114	28	2.20	<50
K294045		2.82	<0.001	1	0.35	<10	<50	<5	<10	<0.05	<5	<5	13	5	0.71	<50
K294046		2.50	<0.001	1	0.54	10	<50	<5	<10	<0.05	<5	<5	8	<5	0.81	<50
K294047		2.62	0.005	1	0.42	30	<50	<5	<10	<0.05	<5	<5	13	8	0.94	<50
K294048		2.46	<0.001	1	0.59	10	<50	<5	<10	<0.05	<5	<5	11	5	0.71	<50
K294049		2.30	0.005	<1	0.66	10	<50	<5	<10	<0.05	<5	<5	8	5	0.83	<50
K294050		2.42	0.008	1	0.58	50	70	<5	<10	<0.05	<5	<5	7	6	0.93	<50
K294051		2.36	<0.001	<1	<0.05	<10	<50	<5	<10	21.9	<5	<5	<5	<5	0.47	<50
K294052		2.64	0.001	<1	0.52	10	<50	<5	<10	0.06	<5	<5	8	<5	0.56	<50
K294053		2.48	0.002	1	0.51	20	<50	<5	<10	<0.05	<5	<5	9	<5	0.71	<50
K294054		2.58	0.001	1	0.63	10	60	<5	<10	0.08	<5	<5	12	6	1.39	<50
K294055		2.24	<0.001	<1	0.79	10	80	<5	<10	0.12	<5	5	12	17	1.38	<50
K294056		2.52	<0.001	1	0.48	<10	<50	<5	<10	0.25	<5	<5	15	15	0.98	<50



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189971

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
K294021		<5	0.28	<50	0.27	150	5	0.07	20	130	20	<0.05	<10	<5	11	<100
K294022		<5	0.39	<50	0.31	240	<5	0.06	11	260	<10	<0.05	<10	<5	8	<100
K294023		<5	0.34	<50	0.34	200	<5	0.05	5	170	<10	<0.05	<10	<5	9	<100
K294024		<5	1.26	<50	1.59	620	<5	0.05	36	700	10	<0.05	<10	8	11	<100
K294025		<5	0.49	<50	0.41	290	<5	0.05	11	390	<10	<0.05	10	<5	<5	<100
K294026		<5	1.03	<50	1.08	500	<5	0.06	15	630	20	<0.05	10	6	<5	<100
K294027		<5	1.16	<50	1.20	520	<5	0.07	21	800	<10	<0.05	<10	<5	18	<100
K294028		<5	0.29	<50	0.14	160	<5	0.08	10	120	<10	<0.05	<10	<5	9	<100
K294029		<5	0.46	<50	0.09	1010	<5	<0.05	13	1340	3240	0.39	30	<5	143	<100
K294030		<5	0.22	<50	0.09	130	5	0.08	12	80	<10	<0.05	<10	<5	<5	<100
K294031		<5	0.86	<50	1.27	460	<5	0.06	29	570	20	<0.05	<10	5	29	<100
K294032		<5	0.22	<50	0.05	90	<5	0.08	5	60	10	<0.05	<10	<5	<5	<100
K294033		<5	2.01	<50	2.45	910	<5	0.05	46	1380	<10	<0.05	<10	8	42	<100
K294034		5	1.70	<50	2.04	720	<5	0.05	35	1290	<10	0.13	<10	5	59	<100
K294035		<5	0.38	<50	0.36	210	<5	0.07	11	230	10	<0.05	<10	<5	10	<100
K294036		<5	0.21	<50	0.10	100	<5	0.11	9	120	<10	<0.05	10	<5	8	<100
K294037		<5	0.54	<50	0.39	220	<5	0.09	8	380	<10	<0.05	<10	<5	8	<100
K294038		<5	0.60	<50	0.38	250	<5	0.05	7	370	10	<0.05	<10	<5	9	<100
K294039		<5	0.21	<50	0.09	120	<5	0.07	<5	70	<10	<0.05	<10	<5	11	<100
K294040		<5	0.24	<50	0.06	140	<5	0.05	5	80	<10	<0.05	<10	<5	12	<100
K294041		<5	0.15	<50	<0.05	110	<5	0.08	5	70	<10	<0.05	<10	<5	7	<100
K294042		<5	0.25	<50	0.05	130	<5	0.05	7	60	10	<0.05	<10	<5	5	<100
K294043		5	0.35	50	0.11	180	<5	0.07	6	160	20	<0.05	<10	<5	<5	<100
K294044		<5	0.83	<50	1.05	410	<5	0.05	50	450	20	<0.05	<10	7	14	<100
K294045		<5	0.21	<50	<0.05	100	<5	0.09	7	70	<10	<0.05	<10	<5	<5	<100
K294046		<5	0.21	<50	0.05	130	<5	0.05	<5	<50	10	<0.05	10	<5	<5	<100
K294047		<5	0.22	<50	<0.05	130	<5	<0.05	<5	50	<10	<0.05	<10	<5	<5	<100
K294048		<5	0.18	<50	<0.05	130	<5	0.07	7	50	<10	<0.05	<10	<5	<5	<100
K294049		<5	0.16	<50	<0.05	120	<5	<0.05	6	50	<10	<0.05	<10	<5	<5	<100
K294050		<5	0.18	<50	<0.05	300	<5	<0.05	5	100	10	<0.05	<10	<5	<5	<100
K294051		<5	<0.05	<50	12.30	220	<5	<0.05	<5	170	<10	<0.05	<10	<5	30	<100
K294052		<5	0.14	<50	0.05	100	<5	<0.05	5	<50	<10	<0.05	<10	<5	<5	<100
K294053		<5	0.17	<50	<0.05	140	<5	0.05	<5	50	10	<0.05	<10	<5	<5	<100
K294054		<5	0.37	<50	0.22	190	<5	0.06	6	260	<10	<0.05	<10	<5	10	<100
K294055		<5	0.54	<50	0.30	260	<5	0.05	8	280	<10	<0.05	<10	<5	<5	<100
K294056		<5	0.21	<50	0.19	110	5	0.05	7	60	10	<0.05	<10	<5	<5	<100



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CERTIFICATE OF ANALYSIS WH17189971

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
K294021		<0.05	<50	<50	9	<50	20
K294022		<0.05	<50	<50	11	<50	20
K294023		0.06	<50	<50	12	<50	10
K294024		0.15	<50	<50	59	<50	50
K294025		<0.05	<50	<50	14	<50	20
K294026		0.12	<50	<50	45	<50	80
K294027		0.15	<50	<50	42	<50	50
K294028		<0.05	<50	<50	6	<50	10
K294029		<0.05	<50	<50	56	<50	2250
K294030		<0.05	<50	<50	<5	<50	10
K294031		0.20	<50	<50	46	<50	40
K294032		<0.05	<50	<50	<5	<50	10
K294033		0.34	<50	<50	89	<50	80
K294034		0.40	<50	<50	82	<50	80
K294035		0.06	<50	<50	16	<50	60
K294036		<0.05	<50	<50	<5	<50	10
K294037		0.06	<50	<50	17	<50	20
K294038		0.06	<50	<50	21	<50	20
K294039		<0.05	<50	<50	<5	<50	10
K294040		<0.05	<50	<50	5	<50	20
K294041		<0.05	<50	<50	<5	<50	10
K294042		<0.05	<50	<50	<5	<50	20
K294043		<0.05	<50	<50	<5	<50	20
K294044		0.11	<50	<50	36	<50	40
K294045		<0.05	<50	<50	<5	<50	20
K294046		<0.05	<50	<50	<5	<50	10
K294047		<0.05	<50	<50	<5	<50	10
K294048		<0.05	<50	<50	<5	<50	10
K294049		<0.05	<50	<50	<5	<50	10
K294050		<0.05	<50	<50	5	<50	20
K294051		<0.05	<50	<50	<5	<50	10
K294052		<0.05	<50	<50	<5	<50	10
K294053		<0.05	<50	<50	<5	<50	10
K294054		<0.05	<50	<50	12	<50	30
K294055		<0.05	<50	<50	10	<50	20
K294056		<0.05	<50	<50	6	<50	10



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To: **ARCUS DEVELOPMENT GROUP**
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Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189971

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	CRU-QC
	LOG-22	LOG-23	ME-ICP41a	PUL-32
	PUL-QC	SPL-21	WEI-21	



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CERTIFICATE WH17189975

Project: Dan Man
 P.O. No.: 1006216-Batch 47
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH17189975

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
K294057		2.48	<0.001	<1	0.33	10	<50	<5	<10	<0.05	<5	<5	12	<5	0.81	<50
K294058		2.52	<0.001	<1	0.59	10	60	<5	<10	0.08	<5	<5	13	<5	1.38	<50
K294059		2.36	<0.001	<1	0.54	10	60	<5	<10	<0.05	<5	<5	9	<5	1.04	<50
K294060		2.58	<0.001	<1	0.69	<10	50	<5	<10	0.12	<5	<5	34	<5	1.47	<50
K294061		2.72	<0.001	<1	0.63	<10	<50	<5	<10	0.09	<5	<5	24	<5	1.25	<50
K294062		2.54	<0.001	1	0.36	10	<50	<5	<10	<0.05	<5	<5	8	<5	0.77	<50
K294063		2.86	0.001	1	1.53	10	80	<5	<10	0.24	<5	<5	70	<5	3.12	<50
K294064		2.68	<0.001	<1	0.35	<10	<50	<5	<10	<0.05	<5	<5	11	<5	0.78	<50
K294065		2.58	<0.001	<1	0.31	<10	<50	<5	<10	<0.05	<5	<5	7	<5	0.66	<50
K294066		2.46	<0.001	<1	0.41	20	<50	<5	<10	<0.05	<5	<5	8	<5	0.90	<50
K294067		2.38	<0.001	1	0.40	<10	<50	<5	<10	<0.05	<5	<5	7	<5	0.84	<50
K294068		2.74	<0.001	<1	0.43	<10	<50	<5	<10	<0.05	<5	<5	20	<5	0.84	<50
K294069		2.66	<0.001	<1	0.37	10	<50	<5	<10	<0.05	<5	<5	7	<5	0.73	<50
K294070		2.48	<0.001	<1	0.43	<10	<50	<5	<10	<0.05	<5	<5	9	<5	0.76	<50
K294071		2.50	<0.001	<1	0.37	<10	<50	<5	<10	<0.05	<5	<5	7	<5	0.56	<50
K294072		2.38	0.001	1	0.52	10	<50	<5	<10	0.05	<5	<5	11	<5	0.63	<50
K294073		2.64	<0.001	<1	0.47	<10	<50	<5	<10	<0.05	<5	<5	7	<5	0.80	<50
K294074		2.92	<0.001	<1	0.32	<10	<50	<5	<10	<0.05	<5	<5	7	<5	0.73	<50
K294075		2.64	<0.001	<1	0.38	<10	<50	<5	<10	<0.05	<5	<5	7	<5	0.86	<50
K294076		2.38	<0.001	<1	<0.05	<10	<50	<5	10	20.3	<5	<5	<5	<5	0.42	<50
K294077		2.76	<0.001	<1	0.33	<10	<50	<5	<10	0.07	<5	<5	7	<5	0.99	<50
K294078		3.06	0.016	<1	0.34	10	<50	<5	<10	<0.05	<5	<5	6	<5	1.00	<50
K294079		3.02	<0.001	<1	0.34	10	<50	<5	<10	<0.05	<5	<5	8	<5	0.78	<50
K294080		3.14	<0.001	<1	0.62	10	<50	<5	<10	0.08	<5	<5	21	<5	1.44	<50
K294081		3.08	<0.001	<1	0.31	<10	<50	<5	<10	<0.05	<5	<5	11	<5	0.87	<50
K294082		3.70	<0.001	<1	0.61	10	50	<5	<10	0.09	<5	<5	20	7	1.15	<50
K294083		3.18	<0.001	<1	1.45	<10	120	<5	<10	0.48	<5	<5	62	<5	2.66	<50
K294084		3.64	<0.001	<1	0.29	<10	<50	<5	<10	<0.05	<5	<5	9	<5	0.92	<50
K294085		3.26	<0.001	<1	0.28	<10	<50	<5	<10	<0.05	<5	<5	8	<5	0.86	<50
K294086		3.46	<0.001	<1	0.32	10	<50	<5	<10	0.05	<5	<5	7	<5	0.82	<50
K294087		3.26	<0.001	<1	0.31	10	<50	<5	<10	<0.05	<5	<5	8	<5	0.77	<50
K294088		0.32	1.160	<1	0.61	250	110	<5	20	17.60	<5	<5	24	68	2.52	<50
K294089		3.56	0.001	<1	0.36	<10	<50	<5	<10	0.07	<5	<5	7	<5	0.77	<50
K294090		3.40	<0.001	<1	0.33	10	<50	<5	<10	<0.05	<5	<5	8	<5	0.88	<50
K294091		3.66	0.002	<1	0.28	<10	<50	<5	10	<0.05	<5	<5	8	<5	1.00	<50
K294092		3.32	0.001	<1	0.30	<10	<50	<5	<10	<0.05	<5	<5	10	<5	1.07	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
K294057		<5	0.19	<50	<0.05	80	<5	0.06	<5	<50	<10	<0.05	10	<5	<5	<100
K294058		<5	0.37	<50	0.22	220	<5	<0.05	<5	260	<10	<0.05	<10	<5	<5	<100
K294059		<5	0.30	<50	0.10	220	<5	0.05	<5	150	<10	<0.05	10	<5	<5	<100
K294060		<5	0.47	<50	0.40	270	<5	0.05	5	410	<10	<0.05	<10	<5	<5	<100
K294061		<5	0.42	<50	0.34	240	<5	0.06	<5	260	<10	<0.05	<10	<5	<5	<100
K294062		<5	0.12	<50	<0.05	140	<5	0.06	<5	60	<10	<0.05	<10	<5	<5	<100
K294063		<5	1.08	<50	1.05	520	<5	<0.05	17	980	<10	<0.05	<10	8	<5	<100
K294064		<5	0.19	<50	<0.05	90	<5	0.05	<5	70	<10	<0.05	10	<5	<5	<100
K294065		<5	0.17	<50	<0.05	70	<5	<0.05	<5	<50	<10	<0.05	<10	<5	<5	<100
K294066		<5	0.20	<50	<0.05	170	<5	<0.05	<5	50	<10	<0.05	<10	<5	<5	<100
K294067		<5	0.23	<50	<0.05	120	<5	<0.05	<5	50	<10	<0.05	<10	<5	<5	<100
K294068		<5	0.23	<50	0.07	160	<5	<0.05	<5	60	<10	<0.05	<10	<5	<5	<100
K294069		<5	0.17	<50	<0.05	100	<5	<0.05	<5	60	10	<0.05	<10	<5	<5	<100
K294070		<5	0.15	<50	<0.05	90	<5	<0.05	<5	70	<10	<0.05	10	<5	<5	<100
K294071		<5	0.14	<50	<0.05	80	<5	<0.05	<5	<50	<10	<0.05	10	<5	<5	<100
K294072		<5	0.14	<50	<0.05	100	<5	<0.05	<5	90	<10	<0.05	10	<5	<5	<100
K294073		<5	0.18	<50	<0.05	100	<5	<0.05	<5	60	<10	<0.05	10	<5	<5	<100
K294074		<5	0.15	<50	<0.05	80	<5	<0.05	<5	<50	<10	<0.05	10	<5	<5	<100
K294075		<5	0.16	<50	<0.05	110	<5	<0.05	<5	60	<10	<0.05	10	<5	<5	<100
K294076		5	<0.05	<50	11.35	180	<5	<0.05	<5	170	<10	<0.05	10	<5	37	<100
K294077		<5	0.13	<50	0.05	70	<5	0.05	<5	60	<10	<0.05	10	<5	<5	<100
K294078		<5	0.12	<50	<0.05	140	<5	<0.05	<5	50	<10	<0.05	10	<5	<5	<100
K294079		<5	0.09	<50	<0.05	140	<5	0.05	<5	<50	<10	<0.05	<10	<5	<5	<100
K294080		<5	0.38	<50	0.28	180	<5	<0.05	<5	250	<10	<0.05	<10	<5	<5	<100
K294081		<5	0.15	<50	<0.05	80	<5	0.06	<5	50	<10	<0.05	10	<5	<5	<100
K294082		<5	0.40	<50	0.30	170	<5	0.05	<5	280	<10	<0.05	10	<5	<5	<100
K294083		<5	1.03	<50	1.06	460	<5	<0.05	15	830	<10	<0.05	<10	6	11	<100
K294084		<5	0.19	<50	<0.05	70	<5	<0.05	<5	80	<10	<0.05	<10	<5	<5	<100
K294085		<5	0.18	<50	<0.05	70	<5	<0.05	<5	<50	<10	<0.05	<10	<5	<5	<100
K294086		<5	0.16	<50	0.05	80	<5	<0.05	<5	70	<10	<0.05	10	<5	<5	<100
K294087		<5	0.13	<50	<0.05	60	<5	0.06	<5	<50	<10	<0.05	<10	<5	<5	<100
K294088		6	0.22	<50	3.06	1680	64	<0.05	68	1120	10	0.87	20	<5	192	<100
K294089		<5	0.21	<50	0.07	70	<5	<0.05	<5	140	<10	<0.05	<10	<5	<5	<100
K294090		<5	0.17	<50	<0.05	120	<5	<0.05	<5	50	<10	<0.05	10	<5	<5	<100
K294091		<5	0.14	<50	<0.05	110	<5	<0.05	<5	60	<10	<0.05	10	<5	<5	<100
K294092		<5	0.15	<50	<0.05	170	<5	<0.05	<5	<50	<10	<0.05	<10	<5	<5	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
K294057		<0.05	<50	<50	<5	<50	<10
K294058		<0.05	<50	<50	10	<50	10
K294059		<0.05	<50	<50	<5	<50	10
K294060		<0.05	<50	<50	13	<50	10
K294061		<0.05	<50	<50	10	<50	10
K294062		<0.05	<50	<50	<5	<50	<10
K294063		0.10	<50	<50	44	<50	50
K294064		<0.05	<50	<50	<5	<50	<10
K294065		<0.05	<50	<50	<5	<50	30
K294066		<0.05	<50	<50	<5	<50	10
K294067		<0.05	<50	<50	<5	<50	10
K294068		<0.05	<50	<50	<5	<50	10
K294069		<0.05	<50	<50	<5	<50	<10
K294070		<0.05	<50	<50	<5	<50	<10
K294071		<0.05	<50	<50	<5	<50	<10
K294072		<0.05	<50	<50	<5	<50	10
K294073		<0.05	<50	<50	<5	<50	<10
K294074		<0.05	<50	<50	<5	<50	<10
K294075		<0.05	<50	<50	<5	<50	<10
K294076		<0.05	<50	<50	<5	<50	10
K294077		<0.05	<50	<50	<5	<50	10
K294078		<0.05	<50	<50	<5	<50	10
K294079		<0.05	<50	<50	<5	<50	<10
K294080		<0.05	<50	<50	11	<50	20
K294081		<0.05	<50	<50	<5	<50	<10
K294082		<0.05	<50	<50	9	<50	10
K294083		0.12	<50	<50	40	<50	30
K294084		<0.05	<50	<50	<5	<50	<10
K294085		<0.05	<50	<50	<5	<50	<10
K294086		<0.05	<50	<50	<5	<50	<10
K294087		<0.05	<50	<50	<5	<50	<10
K294088		<0.05	<50	<50	177	<50	420
K294089		<0.05	<50	<50	<5	<50	10
K294090		<0.05	<50	<50	<5	<50	<10
K294091		<0.05	<50	<50	<5	<50	10
K294092		<0.05	<50	<50	<5	<50	<10



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17189976

Project: Dan Man
 P.O. No.: 1006216-Batch 48
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
K294093		3.48	<0.001	<1	0.35	20	<50	<5	10	<0.05	<5	<5	13	<5	0.87	<50
K294094		3.40	0.001	<1	0.30	10	<50	<5	<10	<0.05	<5	<5	13	<5	0.81	<50
K294095		3.70	<0.001	<1	0.36	10	<50	<5	<10	<0.05	<5	<5	13	<5	1.09	<50
K294096		2.26	0.001	<1	<0.05	<10	<50	<5	<10	19.80	<5	<5	<5	<5	0.44	<50
K294097		3.90	<0.001	<1	0.31	<10	<50	<5	<10	0.08	<5	<5	15	<5	0.59	<50
K294098		3.80	<0.001	<1	0.50	10	60	<5	<10	1.21	<5	<5	16	<5	1.10	<50
K294099		3.26	0.003	<1	1.21	<10	140	<5	10	2.58	<5	<5	11	<5	1.89	<50
K294100		3.24	<0.001	<1	0.51	<10	90	<5	<10	1.87	<5	<5	10	<5	0.66	<50
K294101		3.16	<0.001	<1	0.50	20	50	<5	10	0.78	<5	<5	24	<5	1.25	<50
K294102		3.62	0.002	<1	0.30	10	50	<5	10	0.44	<5	<5	14	<5	0.42	<50
K294103		3.34	<0.001	<1	0.35	<10	50	<5	<10	0.28	<5	<5	15	<5	0.45	<50
K294104		3.54	<0.001	<1	0.31	<10	50	<5	10	0.76	<5	<5	14	<5	0.43	<50
K294105		3.58	<0.001	<1	0.38	10	<50	<5	10	1.12	<5	<5	12	<5	0.46	<50
K294106		3.86	<0.001	<1	1.44	10	340	<5	<10	1.67	<5	7	68	7	2.10	<50
K294107		2.94	0.004	<1	0.34	<10	50	<5	<10	0.50	<5	<5	16	<5	0.59	<50
K294108		3.32	<0.001	<1	0.56	10	<50	<5	<10	1.08	<5	<5	25	<5	0.96	<50
K294109		3.20	<0.001	<1	0.35	10	<50	<5	<10	0.40	<5	<5	15	<5	0.78	<50
K294110		3.32	<0.001	<1	0.30	10	<50	<5	10	0.39	<5	<5	14	<5	0.62	<50
K294111		3.58	<0.001	<1	0.70	20	<50	<5	10	0.76	<5	<5	14	<5	1.39	<50
K294112		3.18	0.001	<1	0.64	10	<50	<5	<10	0.92	<5	<5	21	<5	1.69	<50
K294113		3.20	<0.001	<1	0.48	<10	<50	<5	<10	0.07	<5	<5	15	<5	1.03	<50
K294114		2.96	<0.001	<1	0.31	20	<50	<5	<10	0.06	<5	<5	13	<5	0.66	<50
K294115		2.82	<0.001	<1	0.38	10	<50	<5	10	0.05	<5	<5	26	<5	1.03	<50
K294116		3.00	<0.001	<1	0.35	10	60	<5	<10	0.05	<5	<5	15	<5	0.58	<50
K294117		3.14	<0.001	1	0.39	10	60	<5	<10	<0.05	<5	<5	13	<5	0.53	<50
K294118		2.90	<0.001	<1	0.33	10	50	<5	10	<0.05	<5	<5	19	<5	0.61	<50
K294119		3.42	<0.001	<1	0.38	<10	60	<5	<10	0.21	<5	<5	15	<5	0.51	<50
K294120		2.54	<0.001	<1	2.65	<10	220	<5	<10	0.90	<5	15	90	16	4.09	<50
K294121		0.32	1.130	1	0.63	250	110	<5	20	17.55	<5	<5	28	70	2.55	<50
K294122		3.20	<0.001	1	0.87	<10	100	<5	<10	0.45	<5	<5	15	<5	1.55	<50
K294123		3.34	<0.001	<1	0.73	<10	<50	<5	<10	0.65	<5	<5	11	<5	1.35	<50
K294124		3.14	<0.001	<1	0.76	10	<50	<5	<10	0.75	<5	<5	11	<5	1.57	<50
K294125		3.36	<0.001	<1	0.63	<10	<50	<5	10	0.51	<5	<5	11	<5	1.64	<50
K294126		3.54	<0.001	<1	0.62	10	<50	<5	<10	0.53	<5	<5	10	<5	1.79	<50
K294127		3.22	<0.001	<1	1.07	<10	80	<5	10	1.14	<5	<5	29	<5	2.23	<50
K294128		2.90	<0.001	<1	2.39	10	430	<5	10	2.63	<5	16	90	7	3.28	<50



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		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
K294093		<5	0.18	<50	<0.05	80	<5	0.06	10	<50	10	<0.05	<10	<5	10	<100
K294094		<5	0.15	<50	<0.05	130	<5	0.05	<5	<50	10	<0.05	<10	<5	15	<100
K294095		<5	0.17	<50	<0.05	150	<5	<0.05	<5	<50	<10	<0.05	<10	<5	13	<100
K294096		5	<0.05	<50	10.95	200	<5	<0.05	<5	180	10	<0.05	<10	<5	56	<100
K294097		<5	0.13	<50	0.05	60	<5	0.11	<5	<50	10	<0.05	<10	<5	21	<100
K294098		<5	0.25	<50	0.12	210	<5	<0.05	<5	160	20	<0.05	10	<5	30	<100
K294099		<5	0.86	<50	0.71	410	<5	<0.05	<5	490	20	<0.05	<10	<5	91	<100
K294100		5	0.41	<50	0.09	220	<5	<0.05	<5	240	<10	0.05	<10	<5	103	<100
K294101		<5	0.33	<50	0.17	140	<5	0.05	12	180	10	<0.05	<10	<5	165	<100
K294102		<5	0.22	<50	<0.05	70	<5	0.05	7	<50	<10	<0.05	<10	<5	60	<100
K294103		<5	0.22	<50	<0.05	70	<5	0.07	<5	<50	<10	<0.05	10	<5	12	<100
K294104		<5	0.22	<50	<0.05	70	<5	0.07	<5	<50	<10	<0.05	<10	<5	37	<100
K294105		5	0.24	<50	<0.05	70	<5	0.06	<5	<50	<10	<0.05	<10	<5	16	<100
K294106		8	1.20	<50	1.25	480	<5	0.05	21	240	<10	0.05	10	5	51	<100
K294107		<5	0.23	<50	<0.05	90	<5	0.09	<5	<50	<10	<0.05	<10	<5	13	<100
K294108		<5	0.39	<50	0.26	170	<5	<0.05	<5	100	<10	<0.05	<10	<5	25	<100
K294109		<5	0.26	<50	<0.05	80	<5	0.08	<5	<50	10	<0.05	<10	<5	10	<100
K294110		<5	0.16	<50	<0.05	60	<5	0.10	<5	<50	<10	<0.05	<10	<5	14	<100
K294111		<5	0.51	<50	0.33	210	<5	0.08	6	190	<10	<0.05	<10	<5	31	<100
K294112		<5	0.43	<50	0.27	210	<5	0.06	9	240	10	<0.05	<10	<5	21	<100
K294113		<5	0.25	<50	0.11	190	<5	0.06	<5	<50	<10	<0.05	10	<5	10	<100
K294114		<5	0.14	<50	<0.05	90	<5	0.07	<5	50	<10	<0.05	<10	<5	9	<100
K294115		<5	0.21	<50	0.08	170	<5	0.08	6	60	10	<0.05	<10	<5	14	<100
K294116		<5	0.24	<50	<0.05	60	<5	0.06	<5	<50	<10	<0.05	<10	<5	70	<100
K294117		<5	0.28	<50	<0.05	60	<5	0.06	<5	<50	<10	<0.05	<10	<5	7	<100
K294118		<5	0.24	<50	<0.05	90	<5	0.06	<5	<50	<10	<0.05	<10	<5	8	<100
K294119		<5	0.29	<50	<0.05	60	<5	0.09	<5	<50	<10	<0.05	10	<5	14	<100
K294120		<5	0.83	<50	2.08	780	<5	0.06	60	1380	<10	<0.05	<10	8	27	<100
K294121		<5	0.22	<50	3.04	1720	69	<0.05	83	1070	20	0.87	<10	<5	199	<100
K294122		<5	0.37	<50	0.36	240	<5	0.07	<5	230	<10	0.06	<10	<5	28	<100
K294123		<5	0.10	<50	0.22	200	<5	0.07	<5	110	<10	<0.05	10	5	36	<100
K294124		5	0.11	<50	0.29	220	<5	0.07	<5	130	<10	<0.05	<10	5	27	<100
K294125		<5	0.09	<50	0.24	180	<5	0.06	<5	130	<10	<0.05	<10	5	22	<100
K294126		<5	0.17	<50	0.21	150	<5	0.09	<5	130	<10	<0.05	<10	<5	24	<100
K294127		<5	0.48	<50	0.62	300	<5	0.07	11	200	20	<0.05	<10	<5	36	<100
K294128		5	1.41	<50	1.91	600	<5	0.06	56	890	<10	0.06	<10	7	57	<100



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189976

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
K294093		<0.05	<50	<50	<5	<50	20
K294094		<0.05	<50	<50	<5	<50	10
K294095		<0.05	<50	<50	<5	<50	20
K294096		<0.05	<50	<50	<5	<50	10
K294097		<0.05	<50	<50	<5	<50	<10
K294098		<0.05	<50	<50	8	<50	30
K294099		0.05	<50	<50	24	<50	40
K294100		<0.05	<50	<50	<5	<50	10
K294101		<0.05	<50	<50	9	<50	10
K294102		<0.05	<50	<50	<5	<50	10
K294103		<0.05	<50	<50	<5	<50	<10
K294104		<0.05	<50	<50	<5	<50	<10
K294105		<0.05	<50	<50	<5	<50	<10
K294106		0.11	<50	<50	38	<50	30
K294107		<0.05	<50	<50	<5	<50	<10
K294108		<0.05	<50	<50	11	<50	10
K294109		<0.05	<50	<50	<5	<50	10
K294110		<0.05	<50	<50	<5	<50	10
K294111		<0.05	<50	<50	21	<50	50
K294112		<0.05	<50	<50	17	<50	20
K294113		<0.05	<50	<50	<5	<50	10
K294114		<0.05	<50	<50	<5	<50	<10
K294115		<0.05	<50	<50	<5	<50	20
K294116		<0.05	<50	<50	<5	<50	<10
K294117		<0.05	<50	<50	<5	<50	<10
K294118		<0.05	<50	<50	<5	<50	<10
K294119		<0.05	<50	<50	<5	<50	<10
K294120		0.29	<50	<50	85	<50	90
K294121		<0.05	<50	<50	177	<50	440
K294122		0.07	<50	<50	10	<50	20
K294123		<0.05	<50	<50	5	<50	10
K294124		<0.05	<50	<50	<5	<50	20
K294125		<0.05	<50	<50	6	<50	10
K294126		<0.05	<50	<50	<5	<50	10
K294127		0.08	<50	<50	14	<50	50
K294128		0.27	<50	<50	60	<50	70



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Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189976

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17189980

Project: Dan Man
 P.O. No.: 1006216-Batch 49
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41a Ag ppm	ME-ICP41a Al %	ME-ICP41a As ppm	ME-ICP41a Ba ppm	ME-ICP41a Be ppm	ME-ICP41a Bi ppm	ME-ICP41a Ca %	ME-ICP41a Cd ppm	ME-ICP41a Co ppm	ME-ICP41a Cr ppm	ME-ICP41a Cu ppm	ME-ICP41a Fe %	ME-ICP41a Ga ppm
	0.02	0.001	1	0.05	10	50	5	10	0.05	5	5	5	5	0.05	50
K294129	3.36	<0.001	<1	1.96	<10	250	<5	<10	2.58	<5	10	112	18	2.89	<50
K294130	3.12	<0.001	<1	1.15	10	150	<5	<10	2.27	<5	<5	44	12	1.73	<50
K294131	3.06	<0.001	<1	0.86	<10	<50	<5	<10	1.41	<5	<5	17	11	1.46	<50
K294132	3.36	<0.001	<1	1.41	20	<50	<5	10	2.25	<5	<5	43	16	2.39	<50
K294133	3.42	<0.001	<1	2.17	<10	<50	<5	<10	2.24	<5	8	51	14	3.21	<50
K294134	3.26	<0.001	<1	2.08	<10	100	<5	<10	3.28	<5	17	101	17	2.85	<50
K294135	0.32	1.380	28	1.79	520	710	<5	10	0.28	32	8	14	141	5.34	<50
K294136	3.08	<0.001	<1	0.64	<10	<50	<5	10	0.97	<5	<5	14	5	0.86	<50
K294137	3.06	<0.001	<1	0.54	<10	<50	<5	10	1.69	<5	<5	11	<5	0.74	<50
K294138	3.32	<0.001	<1	0.53	10	<50	<5	<10	1.53	<5	<5	12	5	0.81	<50
K294139	3.22	<0.001	<1	0.54	10	50	<5	10	0.92	<5	<5	18	6	0.78	<50
K294140	3.24	<0.001	<1	0.42	10	<50	<5	<10	1.12	<5	<5	13	5	0.59	<50
K294141	2.64	<0.001	<1	2.47	20	210	<5	<10	3.90	<5	18	229	25	3.12	<50
K294142	3.22	<0.001	<1	0.66	10	<50	<5	10	1.15	<5	<5	15	<5	0.75	<50
K294143	3.50	<0.001	<1	0.83	10	<50	<5	<10	1.14	<5	5	18	<5	0.91	<50
K294144	3.38	<0.001	<1	0.90	<10	80	<5	<10	1.17	<5	<5	15	<5	0.91	<50
K294145	3.32	0.002	<1	1.35	<10	140	<5	<10	2.01	<5	5	31	7	1.86	<50
K294146	3.20	0.001	<1	0.82	<10	<50	<5	<10	1.65	<5	6	14	7	1.23	<50
K294147	3.30	<0.001	<1	1.11	<10	80	<5	10	2.19	<5	6	39	10	1.65	<50
K294148	3.38	<0.001	<1	1.55	<10	100	<5	<10	2.44	<5	5	17	5	2.35	<50
K294149	2.26	0.001	<1	<0.05	<10	<50	<5	<10	21.7	<5	<5	<5	10	0.46	<50
K294150	3.44	<0.001	<1	0.99	10	70	<5	10	1.37	<5	<5	13	8	2.06	<50
K294151	3.34	<0.001	<1	0.65	<10	<50	<5	<10	1.02	<5	<5	11	7	1.14	<50
K294152	3.46	<0.001	<1	1.33	<10	130	<5	<10	1.69	<5	6	32	8	2.12	<50
K294153	2.48	<0.001	<1	3.60	10	670	<5	<10	1.92	<5	21	58	5	5.25	<50
K294154	3.10	<0.001	<1	0.69	<10	200	<5	<10	1.81	<5	<5	9	<5	0.63	<50
K294155	2.90	<0.001	<1	0.69	<10	140	<5	<10	2.32	<5	6	9	5	0.72	<50
K294156	3.10	<0.001	<1	0.91	<10	80	<5	<10	1.72	<5	<5	20	16	1.54	<50
K294157	3.18	<0.001	<1	0.84	<10	<50	<5	10	1.03	<5	<5	12	14	1.64	<50
K294158	2.94	<0.001	<1	0.86	<10	<50	<5	<10	1.00	<5	6	13	14	1.94	<50
K294159	3.50	<0.001	<1	0.63	10	<50	<5	<10	0.86	<5	<5	12	13	1.12	<50
K294160	3.16	<0.001	<1	0.31	<10	<50	<5	10	0.67	<5	<5	10	7	0.68	<50
K294161	3.60	<0.001	<1	0.46	<10	<50	<5	<10	1.20	<5	<5	15	8	0.60	<50
K294162	3.32	<0.001	<1	0.62	<10	<50	<5	<10	1.42	<5	<5	13	10	1.35	<50
K294163	3.54	0.005	<1	1.70	<10	80	<5	<10	4.99	<5	12	78	11	3.10	<50
K294164	3.40	<0.001	<1	0.66	<10	<50	<5	<10	1.28	<5	<5	18	5	1.01	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
K294129		<5	0.87	<50	1.57	640	<5	0.10	42	310	20	0.09	<10	11	47	<100
K294130		5	0.54	<50	0.80	350	<5	0.07	24	180	20	0.09	<10	<5	37	<100
K294131		<5	0.21	<50	0.29	220	<5	0.08	7	150	<10	0.05	<10	6	53	<100
K294132		5	0.15	<50	0.49	450	<5	0.06	13	230	<10	<0.05	<10	12	58	<100
K294133		<5	0.44	<50	1.03	600	<5	0.07	14	180	10	<0.05	<10	12	110	<100
K294134		<5	0.86	<50	1.80	730	<5	0.07	42	280	20	0.07	10	11	48	<100
K294135		11	0.64	<50	0.12	1060	7	<0.05	10	1630	3910	0.49	20	6	207	<100
K294136		<5	0.24	<50	0.15	160	<5	0.09	<5	240	10	<0.05	10	<5	16	<100
K294137		<5	0.27	<50	0.09	210	<5	0.07	<5	260	20	<0.05	<10	<5	16	<100
K294138		7	0.22	<50	0.08	180	<5	0.08	8	190	20	<0.05	<10	<5	16	<100
K294139		8	0.26	<50	0.11	140	<5	0.10	14	70	10	<0.05	10	<5	17	<100
K294140		<5	0.18	<50	0.05	150	<5	0.12	8	170	10	<0.05	<10	<5	21	<100
K294141		<5	1.49	<50	2.37	890	<5	<0.05	85	790	30	0.10	<10	12	43	<100
K294142		<5	0.32	<50	0.20	190	<5	0.09	7	260	10	0.05	20	<5	21	<100
K294143		<5	0.44	<50	0.35	180	<5	0.09	9	350	20	<0.05	10	<5	27	<100
K294144		<5	0.51	<50	0.35	170	<5	0.09	6	450	10	<0.05	10	<5	30	<100
K294145		6	0.86	<50	0.66	380	<5	0.08	14	750	10	0.06	<10	5	35	<100
K294146		11	0.42	<50	0.30	240	<5	0.08	8	230	20	0.06	<10	<5	39	<100
K294147		<5	0.50	<50	0.68	350	<5	0.09	14	390	10	0.11	<10	5	50	<100
K294148		5	0.54	<50	0.58	380	<5	0.07	<5	260	10	0.06	<10	8	82	<100
K294149		<5	<0.05	<50	12.30	210	<5	<0.05	<5	140	10	<0.05	<10	<5	31	<100
K294150		6	0.35	<50	0.42	280	<5	0.10	<5	310	10	0.11	<10	7	35	<100
K294151		8	0.16	<50	0.25	180	<5	0.12	7	160	10	<0.05	<10	5	27	<100
K294152		<5	0.68	<50	0.72	390	<5	0.11	12	480	<10	0.09	10	5	58	<100
K294153		<5	2.61	<50	2.99	920	<5	0.08	10	1200	<10	<0.05	<10	13	50	<100
K294154		<5	0.38	50	0.12	160	<5	0.08	<5	120	<10	<0.05	10	<5	31	<100
K294155		7	0.38	50	0.11	280	<5	0.09	<5	160	<10	0.10	<10	<5	59	<100
K294156		5	0.42	<50	0.37	360	<5	0.08	12	230	40	0.18	<10	<5	35	<100
K294157		<5	0.26	<50	0.39	270	<5	0.12	6	170	10	0.23	<10	6	22	<100
K294158		7	0.32	<50	0.39	290	<5	0.16	<5	190	10	0.50	10	5	27	<100
K294159		<5	0.17	<50	0.24	170	<5	0.11	7	90	10	0.14	<10	<5	25	<100
K294160		<5	0.09	<50	0.07	90	<5	0.10	<5	50	10	0.09	<10	<5	15	<100
K294161		5	0.21	<50	0.06	120	<5	0.10	<5	50	20	0.06	10	<5	17	<100
K294162		<5	0.25	<50	0.21	230	<5	0.09	5	170	10	0.09	<10	5	32	<100
K294163		6	0.92	<50	1.01	760	<5	0.06	28	1040	10	0.15	10	10	186	<100
K294164		<5	0.24	<50	0.15	220	<5	0.08	<5	310	10	<0.05	<10	<5	19	<100



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 Finalized Date: 13-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189980

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
K294129		0.14	<50	<50	84	<50	50
K294130		0.08	<50	<50	23	<50	20
K294131		0.05	<50	<50	9	<50	10
K294132		<0.05	<50	<50	31	<50	30
K294133		0.08	<50	<50	42	<50	50
K294134		0.12	<50	<50	52	<50	60
K294135		<0.05	<50	<50	71	<50	2460
K294136		<0.05	<50	<50	10	<50	10
K294137		<0.05	<50	<50	5	<50	10
K294138		<0.05	<50	<50	6	<50	10
K294139		<0.05	<50	<50	7	<50	10
K294140		<0.05	<50	<50	<5	<50	10
K294141		0.11	<50	<50	82	<50	70
K294142		<0.05	<50	<50	<5	<50	10
K294143		0.05	<50	<50	10	<50	20
K294144		0.09	<50	<50	11	<50	20
K294145		0.08	<50	<50	28	<50	30
K294146		<0.05	<50	<50	7	<50	20
K294147		<0.05	<50	<50	23	<50	20
K294148		0.06	<50	<50	18	<50	20
K294149		<0.05	<50	<50	<5	<50	20
K294150		0.06	<50	<50	17	<50	20
K294151		<0.05	<50	<50	5	<50	10
K294152		0.15	<50	<50	25	<50	30
K294153		0.40	<50	<50	116	<50	80
K294154		<0.05	<50	<50	<5	<50	<10
K294155		<0.05	<50	<50	6	<50	10
K294156		<0.05	<50	<50	11	<50	90
K294157		0.05	<50	<50	11	<50	30
K294158		0.06	<50	<50	8	<50	30
K294159		<0.05	<50	<50	7	<50	40
K294160		<0.05	<50	<50	<5	<50	<10
K294161		<0.05	<50	<50	<5	<50	20
K294162		<0.05	<50	<50	6	<50	20
K294163		0.07	<50	<50	45	<50	60
K294164		<0.05	<50	<50	12	<50	20



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Total # Appendix Pages: **1**
Finalized Date: **13-OCT-2017**
Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189980

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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 Account: DEVARC

CERTIFICATE WH17189985

Project: Dan Man
 P.O. No.: 1006216-Batch 50
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189985

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
K294165		3.70	<0.001	<1	0.78	<10	50	<5	10	1.30	<5	7	26	24	1.23	<50
K294166		3.60	<0.001	<1	0.47	10	<50	<5	10	1.24	<5	<5	18	6	0.93	<50
K294167		3.64	<0.001	<1	0.57	10	<50	<5	<10	0.84	<5	<5	19	7	1.06	<50
K294168		4.10	<0.001	<1	1.85	10	70	<5	10	2.18	<5	13	45	11	2.70	<50
K294169		3.22	<0.001	<1	0.70	10	70	<5	10	1.21	<5	<5	18	7	1.29	<50
K294170		3.56	<0.001	<1	0.63	<10	<50	<5	10	1.30	<5	<5	19	5	1.23	<50
K294171		3.30	<0.001	<1	0.39	<10	<50	<5	<10	1.30	<5	<5	17	6	0.90	<50
K294172		3.24	<0.001	<1	1.45	10	180	<5	10	1.91	<5	13	14	8	2.54	<50
K294173		0.32	1.140	2	0.62	250	110	<5	20	18.00	<5	<5	28	79	2.53	<50
K294174		3.36	<0.001	<1	0.59	<10	70	<5	10	1.26	<5	<5	13	9	0.99	<50
K294175		3.26	<0.001	<1	1.13	10	100	<5	10	1.38	<5	8	42	6	1.60	<50
K294176		3.32	<0.001	<1	0.80	<10	<50	<5	10	1.27	<5	<5	18	6	1.34	<50
K294177		2.86	<0.001	<1	0.57	<10	<50	<5	10	1.88	<5	<5	21	7	1.15	<50
K294178		3.40	<0.001	<1	1.10	<10	90	<5	10	1.36	<5	6	34	8	1.75	<50
K294179		2.60	<0.001	<1	1.92	10	310	<5	10	1.68	<5	14	51	11	3.20	<50
K294180		3.24	<0.001	<1	1.12	10	60	<5	10	1.40	<5	10	46	22	1.92	<50
K294181		2.76	<0.001	<1	1.79	10	<50	<5	10	2.42	<5	18	136	26	2.77	<50
K294182		2.60	0.001	<1	2.62	<10	110	<5	<10	2.69	<5	25	262	31	3.34	<50
K294183		3.30	<0.001	<1	1.39	<10	110	<5	<10	1.80	<5	10	60	19	2.13	<50
K294184		3.62	<0.001	<1	1.75	10	320	<5	10	1.71	<5	15	28	8	2.83	<50
K294185		2.96	<0.001	<1	2.78	10	710	<5	<10	3.64	<5	24	100	24	3.85	<50
K294186		2.82	<0.001	<1	1.78	10	250	<5	<10	2.59	<5	14	66	15	2.56	<50
K294187		3.08	<0.001	<1	0.46	10	<50	<5	10	0.43	<5	7	22	6	0.79	<50
K294188		3.04	<0.001	<1	1.50	10	140	<5	10	1.99	<5	14	74	15	1.94	<50
K294189		3.18	<0.001	<1	2.59	<10	630	<5	10	2.46	<5	27	136	22	3.69	<50
K294190		3.14	<0.001	<1	1.41	<10	290	<5	<10	1.14	<5	10	47	8	2.08	<50
K294191		3.28	<0.001	<1	2.49	10	730	<5	<10	1.85	<5	21	29	13	4.13	<50
K294192		3.02	<0.001	<1	0.97	<10	120	<5	10	0.75	<5	5	23	<5	1.34	<50
K294193		3.60	<0.001	<1	1.63	<10	310	<5	10	1.22	<5	14	54	17	2.38	<50
K294194		3.04	<0.001	<1	1.82	<10	420	<5	10	2.18	<5	19	134	16	2.59	<50
K294195		3.20	<0.001	<1	0.94	<10	150	<5	10	1.27	<5	7	29	5	1.28	<50
K294196		3.10	<0.001	<1	0.67	<10	100	<5	10	1.15	<5	6	17	9	1.01	<50
K294197		3.44	<0.001	<1	1.44	<10	130	<5	10	1.49	<5	10	83	8	1.86	<50
K294198		2.66	<0.001	<1	0.77	10	100	<5	10	1.15	<5	6	54	6	1.21	<50
K294199		2.48	<0.001	<1	0.47	10	<50	<5	10	0.51	<5	<5	21	8	0.68	<50
K294200		2.22	<0.001	<1	0.05	<10	<50	<5	20	22.3	<5	<5	<5	<5	0.47	<50



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189985

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
K294165		<5	0.43	<50	0.40	240	<5	<0.05	21	220	10	<0.05	10	<5	23	<100
K294166		<5	0.23	<50	0.23	160	<5	0.07	11	210	10	<0.05	10	<5	16	<100
K294167		<5	0.21	<50	0.22	150	<5	0.07	8	190	10	<0.05	10	<5	15	<100
K294168		<5	0.56	<50	1.40	470	<5	0.05	25	580	<10	<0.05	<10	6	63	<100
K294169		<5	0.38	<50	0.40	200	5	0.07	11	330	10	<0.05	<10	<5	28	<100
K294170		<5	0.31	50	0.43	160	<5	0.09	11	270	<10	<0.05	<10	<5	29	<100
K294171		<5	0.19	<50	0.17	160	<5	0.09	11	230	<10	<0.05	<10	<5	14	<100
K294172		<5	0.91	<50	1.05	570	<5	0.07	8	750	10	0.45	10	<5	35	<100
K294173		<5	0.22	<50	3.15	1720	73	<0.05	83	1120	30	0.89	10	<5	194	<100
K294174		<5	0.36	<50	0.22	210	<5	0.07	11	290	10	0.07	<10	<5	20	<100
K294175		<5	0.77	<50	0.77	310	<5	0.07	25	510	10	0.05	<10	<5	27	<100
K294176		<5	0.29	<50	0.33	200	<5	0.05	6	280	<10	<0.05	10	<5	39	<100
K294177		<5	0.25	<50	0.31	200	6	0.07	10	250	10	<0.05	<10	<5	30	<100
K294178		<5	0.74	<50	0.72	320	<5	0.06	15	440	<10	0.06	<10	<5	21	<100
K294179		<5	1.21	<50	1.56	550	<5	0.07	23	1060	10	0.21	<10	<5	56	<100
K294180		<5	0.64	<50	0.81	330	<5	0.06	13	350	10	0.09	<10	<5	30	<100
K294181		<5	0.15	<50	1.86	470	<5	<0.05	82	580	10	0.05	<10	5	67	<100
K294182		<5	0.53	<50	2.78	690	<5	0.07	158	690	20	<0.05	<10	7	94	<100
K294183		<5	0.60	<50	1.09	370	<5	0.07	21	400	10	0.11	10	<5	60	<100
K294184		<5	1.11	<50	1.28	550	<5	0.07	13	710	10	0.18	<10	<5	52	<100
K294185		<5	2.02	<50	2.41	810	<5	0.06	37	710	<10	0.23	10	5	89	<100
K294186		<5	1.29	<50	1.47	510	<5	0.05	26	520	10	0.19	10	<5	45	<100
K294187		<5	0.27	<50	0.15	90	<5	0.08	9	100	<10	0.08	10	<5	17	<100
K294188		<5	1.20	<50	1.20	400	<5	0.05	28	390	10	0.11	10	<5	32	<100
K294189		<5	1.92	<50	2.26	710	<5	0.08	54	930	10	0.22	<10	5	49	<100
K294190		<5	0.98	<50	1.00	370	<5	0.08	20	410	<10	0.05	<10	<5	34	<100
K294191		<5	1.69	<50	1.83	740	<5	0.07	9	1020	<10	0.36	10	<5	60	<100
K294192		<5	0.69	<50	0.49	240	<5	0.07	9	290	<10	<0.05	10	<5	29	<100
K294193		<5	1.11	<50	1.21	380	<5	0.12	23	780	10	0.09	<10	<5	54	<100
K294194		<5	1.10	<50	1.74	460	<5	0.10	39	880	<10	0.09	<10	<5	50	<100
K294195		<5	0.55	<50	0.60	200	<5	0.11	9	380	<10	0.05	<10	<5	41	<100
K294196		<5	0.31	<50	0.30	190	<5	0.08	6	230	<10	<0.05	<10	<5	40	<100
K294197		<5	0.74	<50	1.15	360	5	0.08	24	410	10	<0.05	<10	<5	54	<100
K294198		<5	0.46	<50	0.51	240	6	0.08	14	170	10	<0.05	<10	<5	27	<100
K294199		<5	0.17	<50	0.11	110	6	0.12	<5	90	<10	<0.05	<10	<5	33	<100
K294200		<5	<0.05	<50	12.65	210	<5	<0.05	<5	280	10	<0.05	<10	<5	39	<100



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189985

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
K294165		<0.05	<50	<50	15	<50	20
K294166		<0.05	<50	<50	9	<50	10
K294167		<0.05	<50	<50	10	<50	10
K294168		0.13	<50	<50	53	<50	40
K294169		<0.05	<50	<50	11	<50	20
K294170		<0.05	<50	<50	13	<50	10
K294171		<0.05	<50	<50	7	<50	10
K294172		0.13	<50	<50	49	<50	50
K294173		<0.05	<50	<50	178	<50	430
K294174		<0.05	<50	<50	8	<50	20
K294175		0.09	<50	<50	20	<50	20
K294176		<0.05	<50	<50	13	<50	10
K294177		<0.05	<50	<50	12	<50	10
K294178		0.07	<50	<50	24	<50	20
K294179		0.26	<50	<50	58	<50	60
K294180		0.11	<50	<50	33	<50	30
K294181		0.08	<50	<50	44	<50	40
K294182		0.22	<50	<50	79	<50	40
K294183		0.18	<50	<50	42	<50	30
K294184		0.24	<50	<50	61	<50	50
K294185		0.38	<50	<50	97	<50	60
K294186		0.15	<50	<50	52	<50	30
K294187		<0.05	<50	<50	5	<50	<10
K294188		0.11	<50	<50	32	<50	30
K294189		0.37	<50	<50	80	<50	60
K294190		0.17	<50	<50	36	<50	30
K294191		0.35	<50	<50	94	<50	60
K294192		0.12	<50	<50	15	<50	20
K294193		0.29	<50	<50	43	<50	40
K294194		0.27	<50	<50	66	<50	40
K294195		0.13	<50	<50	23	<50	20
K294196		0.06	<50	<50	10	<50	10
K294197		0.17	<50	<50	33	<50	30
K294198		0.05	<50	<50	14	<50	10
K294199		<0.05	<50	<50	<5	<50	10
K294200		<0.05	<50	<50	<5	<50	20



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189985

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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 Total # Pages: 2 (A - C)
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 Finalized Date: 23-OCT-2017
 Account: DEVARC

CERTIFICATE WH17189990

Project: Dan Man
 P.O. No.: 1006216-Batch 51
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17189990

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
K294201		2.80	<0.001	<1	0.58	20	<50	<5	<10	0.06	<5	<5	11	<5	0.78	<50
K294202		3.10	<0.001	<1	0.55	10	<50	<5	<10	<0.05	<5	<5	7	<5	0.79	<50
K294203		2.64	<0.001	<1	0.42	10	<50	<5	<10	<0.05	<5	<5	10	<5	0.84	<50
K294204		2.68	<0.001	<1	0.63	10	<50	<5	<10	<0.05	<5	<5	<5	<5	0.66	<50
K294205		2.44	<0.001	1	2.37	70	130	6	<10	0.15	<5	24	169	17	5.46	<50
K294206		2.68	<0.001	<1	0.66	20	<50	<5	<10	<0.05	<5	<5	26	<5	1.21	<50
K294207		2.78	0.081	<1	0.75	50	50	<5	<10	<0.05	<5	<5	7	5	0.81	<50
K294208		2.12	<0.001	<1	<0.05	<10	<50	<5	<10	22.5	<5	<5	<5	<5	0.46	<50
K294209		2.42	0.065	<1	0.55	30	<50	<5	<10	0.07	<5	<5	10	7	1.08	<50
K294210		2.88	0.015	<1	1.24	60	90	<5	<10	0.38	<5	10	50	5	2.39	<50
K294211		3.32	<0.001	<1	0.49	<10	<50	<5	<10	0.93	<5	<5	8	<5	0.76	<50
K294212		3.10	<0.001	<1	0.46	<10	<50	<5	<10	0.54	<5	<5	8	<5	0.61	<50
K294213		3.18	0.007	<1	0.50	30	<50	<5	<10	0.66	<5	<5	8	<5	0.51	<50
K294214		3.00	0.002	1	0.61	<10	<50	<5	<10	0.44	<5	<5	6	<5	0.39	<50
K294215		3.06	<0.001	<1	0.47	20	<50	<5	<10	0.77	<5	<5	9	5	0.46	<50
K294216		3.40	<0.001	<1	0.42	10	<50	<5	<10	0.55	<5	<5	8	8	0.36	<50
K294217		3.24	0.005	<1	0.49	10	<50	<5	<10	<0.05	<5	<5	9	<5	0.50	<50
K294218		3.56	0.003	<1	0.41	20	<50	<5	10	0.40	<5	<5	10	<5	0.45	<50
K294219		3.10	<0.001	<1	0.47	10	<50	<5	10	0.57	<5	<5	7	<5	0.45	<50
K294220		3.24	0.002	<1	0.50	20	<50	<5	<10	0.10	<5	<5	7	<5	0.49	<50
K294221		3.24	<0.001	<1	0.51	<10	<50	<5	<10	1.58	<5	<5	8	<5	0.39	<50
K294222		3.08	<0.001	<1	0.39	20	<50	<5	<10	1.02	<5	<5	8	<5	0.39	<50
K294223		2.96	<0.001	<1	0.62	<10	<50	<5	<10	0.21	<5	<5	5	<5	0.41	<50
K294224		2.92	<0.001	<1	0.52	<10	50	<5	<10	<0.05	<5	<5	6	<5	0.35	<50
K294225		3.30	0.031	<1	0.43	30	<50	<5	<10	<0.05	<5	<5	8	<5	0.73	<50
K294226		3.06	0.009	1	0.49	10	<50	<5	<10	0.22	<5	<5	9	<5	0.61	<50
K294227		3.02	0.016	<1	0.47	10	<50	<5	<10	0.08	<5	<5	7	<5	0.66	<50
K294228		0.32	1.505	33	1.25	540	660	<5	<10	0.27	32	<5	13	135	5.49	<50
K294229		3.06	0.015	<1	0.38	40	<50	<5	<10	0.11	<5	<5	8	<5	0.73	<50
K294230		3.08	0.002	<1	0.49	10	<50	<5	<10	0.43	<5	<5	8	<5	0.52	<50
K294231		3.24	0.017	<1	0.41	30	<50	<5	<10	0.71	<5	<5	11	<5	0.59	<50
K294232		3.64	<0.001	<1	0.50	<10	120	<5	<10	0.64	<5	<5	8	<5	0.61	<50
K294233		3.30	<0.001	<1	0.35	<10	<50	<5	<10	0.87	<5	<5	9	<5	0.55	<50
K294234		3.50	0.001	<1	0.40	10	<50	<5	<10	0.59	<5	<5	10	<5	0.62	<50
K294235		3.46	0.001	<1	0.57	20	<50	<5	<10	1.13	<5	<5	<5	<5	2.05	<50
K294236		3.08	0.013	<1	0.46	20	50	<5	<10	0.83	<5	<5	8	<5	0.64	<50



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Project: Dan Man

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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
K294201		<5	0.18	<50	<0.05	110	<5	<0.05	<5	60	20	<0.05	<10	<5	7	<100
K294202		<5	0.15	<50	<0.05	110	<5	<0.05	<5	70	20	<0.05	<10	<5	8	<100
K294203		<5	0.15	<50	<0.05	150	<5	<0.05	<5	<50	20	<0.05	<10	<5	7	<100
K294204		<5	0.20	<50	<0.05	110	<5	<0.05	<5	50	10	<0.05	<10	<5	9	<100
K294205		<5	1.25	<50	1.37	790	<5	<0.05	54	290	30	<0.05	<10	23	36	<100
K294206		<5	0.25	<50	0.15	190	<5	<0.05	5	60	10	<0.05	<10	<5	13	<100
K294207		<5	0.26	<50	<0.05	200	<5	<0.05	<5	110	10	<0.05	<10	<5	10	<100
K294208		<5	<0.05	<50	12.65	200	<5	<0.05	<5	200	<10	<0.05	<10	<5	36	<100
K294209		<5	0.18	<50	0.05	250	<5	<0.05	<5	140	30	<0.05	<10	<5	8	<100
K294210		<5	0.61	<50	0.45	410	<5	<0.05	24	370	20	<0.05	<10	8	23	<100
K294211		<5	0.24	<50	<0.05	140	<5	0.05	<5	110	10	<0.05	<10	<5	22	<100
K294212		<5	0.17	<50	<0.05	90	<5	0.05	<5	110	10	<0.05	<10	<5	15	<100
K294213		<5	0.18	<50	<0.05	90	<5	0.06	<5	60	20	<0.05	<10	<5	18	<100
K294214		<5	0.19	<50	<0.05	90	<5	<0.05	<5	100	30	<0.05	<10	<5	19	<100
K294215		<5	0.19	<50	<0.05	120	<5	<0.05	<5	50	20	<0.05	<10	<5	24	<100
K294216		<5	0.17	<50	<0.05	100	<5	<0.05	8	<50	30	<0.05	<10	<5	17	<100
K294217		<5	0.18	<50	<0.05	150	<5	0.05	<5	50	70	<0.05	<10	<5	6	<100
K294218		<5	0.15	<50	<0.05	120	<5	<0.05	<5	50	50	<0.05	<10	<5	16	<100
K294219		<5	0.22	<50	<0.05	100	<5	<0.05	<5	60	40	<0.05	<10	<5	14	<100
K294220		<5	0.24	50	<0.05	190	<5	<0.05	<5	150	170	<0.05	<10	<5	16	<100
K294221		<5	0.18	<50	<0.05	220	<5	<0.05	<5	100	350	<0.05	<10	<5	46	<100
K294222		<5	0.20	<50	<0.05	110	<5	0.07	<5	140	90	<0.05	<10	<5	42	<100
K294223		<5	0.30	<50	<0.05	170	<5	<0.05	<5	110	50	<0.05	<10	<5	20	<100
K294224		<5	0.24	<50	<0.05	200	<5	<0.05	<5	110	50	<0.05	<10	<5	10	<100
K294225		<5	0.26	<50	<0.05	150	<5	0.05	<5	90	50	<0.05	<10	<5	10	<100
K294226		<5	0.27	<50	<0.05	120	<5	<0.05	<5	140	100	<0.05	<10	<5	10	<100
K294227		<5	0.25	<50	<0.05	140	<5	0.05	<5	50	10	<0.05	<10	<5	10	<100
K294228		<5	0.53	<50	0.10	1080	<5	<0.05	<5	1490	3590	0.46	20	5	172	<100
K294229		<5	0.26	<50	<0.05	120	<5	0.06	<5	210	10	<0.05	<10	<5	16	<100
K294230		<5	0.29	<50	<0.05	160	<5	<0.05	<5	100	20	<0.05	<10	<5	19	<100
K294231		<5	0.21	<50	<0.05	180	<5	<0.05	<5	90	20	<0.05	<10	<5	30	<100
K294232		<5	0.23	<50	<0.05	570	<5	<0.05	<5	<50	20	<0.05	<10	<5	19	<100
K294233		<5	0.21	<50	<0.05	110	<5	0.06	<5	60	10	<0.05	<10	<5	28	<100
K294234		<5	0.28	<50	<0.05	140	<5	0.06	<5	60	<10	<0.05	<10	<5	18	<100
K294235		<5	0.38	60	<0.05	180	<5	0.06	<5	180	10	<0.05	<10	<5	30	100
K294236		<5	0.32	50	<0.05	150	<5	0.08	<5	160	10	<0.05	<10	<5	37	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
K294201		<0.05	<50	<50	5	<50	10
K294202		<0.05	<50	<50	<5	<50	<10
K294203		<0.05	<50	<50	<5	<50	<10
K294204		<0.05	<50	<50	<5	<50	<10
K294205		0.10	<50	<50	124	<50	120
K294206		<0.05	<50	<50	17	<50	20
K294207		<0.05	<50	<50	<5	<50	10
K294208		<0.05	<50	<50	<5	<50	10
K294209		<0.05	<50	<50	<5	<50	20
K294210		<0.05	<50	<50	41	<50	50
K294211		<0.05	<50	<50	<5	<50	10
K294212		<0.05	<50	<50	<5	<50	<10
K294213		<0.05	<50	<50	<5	<50	<10
K294214		<0.05	<50	<50	<5	<50	<10
K294215		<0.05	<50	<50	<5	<50	<10
K294216		<0.05	<50	<50	<5	<50	<10
K294217		<0.05	<50	<50	<5	<50	<10
K294218		<0.05	<50	<50	<5	<50	<10
K294219		<0.05	<50	<50	<5	<50	<10
K294220		<0.05	<50	<50	<5	<50	10
K294221		<0.05	<50	<50	<5	<50	<10
K294222		<0.05	<50	<50	<5	<50	<10
K294223		<0.05	<50	<50	<5	<50	<10
K294224		<0.05	<50	<50	<5	<50	<10
K294225		<0.05	<50	<50	<5	<50	<10
K294226		<0.05	<50	<50	<5	<50	20
K294227		<0.05	<50	<50	<5	<50	10
K294228		<0.05	<50	<50	60	<50	2410
K294229		<0.05	<50	<50	<5	<50	<10
K294230		<0.05	<50	<50	<5	<50	<10
K294231		<0.05	<50	<50	<5	<50	<10
K294232		<0.05	<50	<50	<5	<50	<10
K294233		<0.05	<50	<50	<5	<50	<10
K294234		<0.05	<50	<50	<5	<50	<10
K294235		<0.05	<50	<50	<5	<50	30
K294236		<0.05	<50	<50	<5	<50	<10



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CERTIFICATE OF ANALYSIS WH17189990

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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CERTIFICATE WH17189997

Project: Dan Man
 P.O. No.: 1006216-Batch 52
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
K294237		3.46	0.005	<1	0.44	<10	<50	<5	10	0.44	<5	<5	6	<5	0.57	<50
K294238		3.40	<0.001	<1	0.39	<10	<50	<5	<10	0.41	<5	<5	<5	<5	0.42	<50
K294239		3.02	0.001	<1	0.47	20	<50	<5	<10	0.06	<5	<5	5	<5	1.10	<50
K294240		3.10	0.012	<1	0.40	10	<50	<5	<10	0.06	<5	<5	<5	<5	0.76	<50
K294241		3.24	0.002	<1	0.45	10	<50	<5	<10	0.56	<5	<5	5	<5	0.52	<50
K294242		0.32	1.165	1	0.60	230	110	<5	10	17.25	<5	<5	23	67	2.49	<50
K294243		2.72	0.002	<1	0.56	10	80	<5	<10	0.26	<5	<5	<5	<5	0.81	<50
K294244		2.92	0.008	<1	0.56	<10	60	<5	<10	0.05	<5	<5	7	<5	0.78	<50
K294245		3.20	0.002	<1	0.40	10	<50	<5	<10	0.55	<5	<5	6	<5	0.69	<50
K294246		2.36	0.001	<1	0.84	10	110	<5	<10	1.24	<5	<5	12	<5	2.25	<50
K294247		3.28	0.011	<1	0.40	20	50	<5	<10	0.13	<5	<5	8	<5	0.84	<50
K294248		3.44	<0.001	<1	0.43	<10	<50	<5	<10	0.28	<5	<5	7	<5	0.81	<50
K294249		3.06	<0.001	<1	0.41	<10	<50	<5	<10	0.07	<5	<5	8	5	0.92	<50
K294250		3.26	<0.001	<1	0.36	10	<50	<5	<10	0.07	<5	<5	8	<5	0.81	<50
K294251		2.96	0.006	<1	0.40	10	<50	<5	<10	0.06	<5	<5	8	<5	0.76	<50
K294252		2.28	0.009	<1	0.77	10	50	<5	<10	0.18	<5	<5	<5	5	0.55	<50
K294253		2.74	0.024	<1	0.78	40	60	<5	<10	0.86	<5	<5	<5	<5	1.14	<50
K294254		2.98	0.019	<1	0.34	10	<50	<5	<10	0.99	<5	<5	8	<5	0.84	<50
K294255		3.60	<0.001	<1	0.35	10	<50	<5	<10	0.65	<5	<5	8	<5	0.83	<50
K294256		3.18	0.005	<1	0.29	10	<50	<5	<10	1.11	<5	<5	8	23	0.93	<50
K294257		2.72	<0.001	<1	0.34	50	<50	<5	<10	1.42	<5	<5	8	<5	0.78	<50
K294258		2.94	0.012	<1	0.37	20	<50	<5	<10	0.98	<5	<5	8	<5	0.76	<50
K294259		3.62	0.001	<1	0.42	30	<50	<5	<10	1.46	<5	<5	9	<5	0.77	<50
K294260		2.92	<0.001	<1	3.21	<10	630	<5	10	6.24	<5	30	357	45	6.03	<50
K294261		1.74	0.001	<1	<0.05	<10	<50	<5	10	20.7	<5	<5	<5	<5	0.45	<50
K294262		3.44	<0.001	<1	0.68	90	50	<5	<10	3.37	<5	<5	35	<5	1.91	<50
K294263		3.34	0.007	<1	0.46	150	<50	<5	<10	2.36	<5	<5	15	<5	1.19	<50
K294264		3.14	<0.001	<1	0.42	20	<50	<5	<10	1.12	<5	<5	5	<5	0.57	<50
K294265		3.56	<0.001	<1	0.39	100	<50	<5	<10	2.15	<5	<5	7	<5	0.86	<50
K294266		3.54	0.002	<1	0.65	160	60	<5	<10	3.08	<5	<5	17	<5	1.77	<50
K294267		3.64	<0.001	<1	0.89	120	60	<5	<10	4.05	<5	<5	47	5	2.43	<50
K294268		3.26	<0.001	<1	0.44	90	<50	<5	<10	2.00	<5	<5	7	<5	1.16	<50
K294269		3.32	<0.001	<1	0.95	40	50	<5	<10	2.56	<5	<5	5	<5	3.04	<50
K294270		2.94	<0.001	<1	2.19	20	180	<5	<10	4.36	<5	13	63	14	5.09	<50
K294271		3.26	<0.001	<1	0.39	70	50	<5	10	1.89	<5	<5	9	<5	0.81	<50
K294272		3.48	0.022	<1	0.42	60	50	<5	<10	1.63	<5	<5	6	<5	0.63	<50



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Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
Units		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
K294237		<5	0.33	<50	<0.05	150	<5	<0.05	<5	120	<10	<0.05	<10	<5	15	<100
K294238		<5	0.31	<50	<0.05	100	<5	<0.05	<5	110	<10	<0.05	10	<5	11	<100
K294239		<5	0.20	<50	<0.05	170	<5	<0.05	<5	140	<10	<0.05	10	<5	5	<100
K294240		<5	0.30	<50	<0.05	120	<5	<0.05	<5	110	<10	<0.05	<10	<5	<5	<100
K294241		<5	0.28	<50	<0.05	110	<5	<0.05	<5	100	<10	<0.05	10	<5	18	<100
K294242		7	0.21	<50	3.06	1640	64	<0.05	70	1120	<10	0.87	30	<5	187	<100
K294243		<5	0.52	<50	<0.05	170	<5	<0.05	<5	100	<10	<0.05	10	<5	7	<100
K294244		<5	0.26	<50	<0.05	180	<5	<0.05	<5	110	<10	<0.05	<10	<5	<5	<100
K294245		<5	0.25	<50	<0.05	110	<5	<0.05	<5	110	<10	<0.05	<10	<5	11	<100
K294246		<5	0.44	<50	0.16	410	<5	<0.05	<5	580	<10	<0.05	<10	5	15	<100
K294247		5	0.26	<50	<0.05	110	<5	<0.05	<5	150	<10	<0.05	10	<5	7	<100
K294248		<5	0.23	<50	<0.05	110	<5	<0.05	<5	140	<10	<0.05	10	<5	8	<100
K294249		<5	0.21	<50	<0.05	130	<5	<0.05	<5	110	<10	<0.05	10	<5	<5	<100
K294250		<5	0.18	<50	<0.05	150	<5	0.05	<5	100	<10	<0.05	10	<5	<5	<100
K294251		<5	0.24	<50	<0.05	140	<5	<0.05	<5	140	<10	<0.05	<10	<5	<5	<100
K294252		<5	0.37	<50	<0.05	140	<5	<0.05	<5	120	<10	<0.05	10	<5	5	<100
K294253		<5	0.48	<50	0.05	300	<5	<0.05	<5	120	<10	<0.05	10	<5	21	<100
K294254		<5	0.23	<50	<0.05	180	<5	<0.05	<5	90	<10	<0.05	<10	<5	16	<100
K294255		<5	0.21	<50	<0.05	100	<5	0.05	<5	100	<10	0.12	<10	<5	6	<100
K294256		<5	0.23	<50	<0.05	170	<5	<0.05	<5	90	<10	<0.05	<10	<5	14	<100
K294257		<5	0.17	<50	<0.05	160	<5	0.05	<5	80	<10	0.06	<10	<5	22	<100
K294258		<5	0.26	<50	<0.05	170	<5	<0.05	<5	80	10	<0.05	<10	<5	17	<100
K294259		<5	0.24	<50	0.09	140	<5	0.05	<5	70	<10	<0.05	10	<5	24	<100
K294260		<5	2.32	<50	2.86	1080	<5	<0.05	125	1520	<10	0.12	<10	23	107	<100
K294261		<5	<0.05	<50	11.70	190	<5	<0.05	<5	160	<10	<0.05	10	<5	31	<100
K294262		<5	0.26	<50	0.75	420	<5	<0.05	<5	560	10	0.38	<10	6	70	<100
K294263		<5	0.25	<50	0.18	240	<5	<0.05	<5	150	10	0.34	<10	<5	34	<100
K294264		<5	0.27	<50	<0.05	130	<5	<0.05	<5	90	10	<0.05	<10	<5	24	<100
K294265		<5	0.22	<50	0.18	200	<5	<0.05	<5	100	<10	0.27	<10	<5	40	<100
K294266		<5	0.34	<50	0.47	420	<5	0.05	<5	270	<10	0.36	<10	<5	49	<100
K294267		<5	0.56	<50	0.83	510	<5	0.05	<5	310	<10	0.54	10	7	55	<100
K294268		<5	0.21	<50	0.17	260	<5	<0.05	<5	170	<10	0.11	<10	<5	28	<100
K294269		<5	0.50	<50	0.88	670	<5	<0.05	<5	420	<10	0.09	<10	5	56	<100
K294270		<5	1.49	<50	1.58	890	<5	<0.05	36	1740	<10	0.23	<10	17	75	<100
K294271		<5	0.30	<50	0.09	210	<5	<0.05	<5	180	<10	0.20	20	<5	67	<100
K294272		<5	0.36	<50	0.05	150	<5	0.05	<5	100	<10	0.23	<10	<5	46	<100



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
K294237		<0.05	<50	<50	<5	<50	<10
K294238		<0.05	<50	<50	<5	<50	<10
K294239		<0.05	<50	<50	<5	<50	<10
K294240		<0.05	<50	<50	<5	<50	<10
K294241		<0.05	<50	<50	<5	<50	<10
K294242		<0.05	<50	<50	173	<50	410
K294243		<0.05	<50	<50	<5	<50	<10
K294244		<0.05	<50	<50	<5	<50	<10
K294245		<0.05	<50	<50	<5	<50	<10
K294246		<0.05	<50	<50	24	<50	30
K294247		<0.05	<50	<50	<5	<50	<10
K294248		<0.05	<50	<50	<5	<50	<10
K294249		<0.05	<50	<50	<5	<50	10
K294250		<0.05	<50	<50	<5	<50	<10
K294251		<0.05	<50	<50	<5	<50	<10
K294252		<0.05	<50	<50	<5	<50	<10
K294253		<0.05	<50	<50	<5	<50	<10
K294254		<0.05	<50	<50	<5	<50	<10
K294255		<0.05	<50	<50	<5	<50	10
K294256		<0.05	<50	<50	<5	<50	<10
K294257		<0.05	<50	<50	<5	<50	<10
K294258		<0.05	<50	<50	<5	<50	<10
K294259		<0.05	<50	<50	<5	<50	10
K294260		0.27	<50	<50	143	<50	80
K294261		<0.05	<50	<50	<5	<50	<10
K294262		<0.05	<50	<50	35	<50	30
K294263		<0.05	<50	<50	11	<50	10
K294264		<0.05	<50	<50	<5	<50	30
K294265		<0.05	<50	<50	5	<50	<10
K294266		<0.05	<50	<50	19	<50	10
K294267		0.06	<50	<50	43	<50	20
K294268		<0.05	<50	<50	6	<50	10
K294269		0.05	<50	<50	49	<50	30
K294270		0.17	<50	90	124	<50	70
K294271		<0.05	<50	<50	<5	<50	<10
K294272		<0.05	<50	<50	<5	<50	10



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CERTIFICATE OF ANALYSIS WH17189997

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17190000

Project: Dan Man
 P.O. No.: 1006216-Batch 53
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
K294273		2.98	0.079	<1	0.54	200	<50	<5	<10	3.53	<5	<5	16	9	1.78	<50
K294274		3.74	<0.001	<1	0.42	180	<50	<5	<10	2.20	<5	<5	14	<5	1.15	<50
K294275		3.82	0.084	<1	0.38	80	<50	<5	<10	1.42	<5	<5	8	<5	0.83	<50
K294276		2.68	<0.001	<1	0.75	20	<50	<5	<10	2.05	<5	<5	26	5	2.04	<50
K294277		3.76	<0.001	<1	0.68	20	<50	<5	<10	1.62	<5	<5	13	<5	1.58	<50
K294278		3.04	0.007	<1	0.60	40	60	<5	<10	1.68	<5	<5	10	<5	1.45	<50
K294279		3.44	0.002	<1	0.56	20	50	<5	<10	1.31	<5	<5	9	<5	1.44	<50
K294280		3.06	<0.001	<1	0.48	20	160	<5	<10	0.76	<5	<5	15	<5	1.46	<50
K294281		3.42	<0.001	<1	0.58	20	<50	<5	<10	1.99	<5	<5	8	<5	1.12	<50
K294282		3.66	<0.001	<1	0.39	110	<50	<5	<10	1.37	<5	<5	12	<5	0.96	<50
K294283		3.68	<0.001	<1	0.47	<10	<50	<5	10	1.61	<5	<5	17	<5	1.24	<50
K294284		3.82	<0.001	<1	0.36	10	<50	<5	10	0.36	<5	<5	9	<5	0.74	<50
K294285		3.82	<0.001	<1	0.40	90	<50	<5	10	1.08	<5	<5	10	<5	0.77	<50
K294286		3.18	0.001	<1	2.52	20	70	<5	<10	3.58	<5	28	131	28	3.09	<50
K294287		3.54	<0.001	<1	1.55	<10	<50	<5	<10	3.97	<5	24	84	14	3.02	<50
K294288		2.00	0.001	<1	<0.05	<10	<50	<5	10	21.6	<5	<5	<5	<5	0.45	<50
K294289		3.22	<0.001	<1	2.79	<10	50	<5	<10	3.75	<5	26	121	<5	4.43	<50
K294290		2.98	0.001	<1	0.65	10	<50	<5	<10	1.05	<5	5	26	<5	1.41	<50
K294291		3.08	0.001	1	0.44	<10	<50	<5	<10	<0.05	<5	<5	12	<5	0.75	<50
K294292		2.44	<0.001	<1	0.48	<10	50	<5	<10	<0.05	<5	5	9	<5	0.71	<50
K294293		2.32	0.002	<1	1.34	10	130	5	<10	0.07	<5	19	117	7	3.58	<50
K294294		2.32	0.004	<1	1.42	10	150	5	10	0.08	<5	17	85	10	3.11	<50
K294295		2.78	<0.001	<1	0.43	<10	<50	<5	10	<0.05	<5	<5	7	18	0.48	<50
K294296		2.80	<0.001	<1	0.48	<10	<50	<5	<10	0.22	<5	<5	7	14	0.46	<50
K294297		2.66	<0.001	<1	1.11	<10	180	<5	<10	0.40	<5	18	54	20	2.54	<50
K294298		2.12	<0.001	<1	3.45	<10	280	<5	<10	0.42	<5	38	167	46	6.33	<50
K294299		2.48	<0.001	<1	2.55	10	190	5	10	0.22	<5	30	130	22	4.64	<50
K294300		2.60	0.015	<1	1.61	40	240	7	<10	0.08	<5	23	61	18	3.73	<50
K294301		2.84	<0.001	<1	0.62	<10	70	<5	10	<0.05	<5	5	9	5	0.66	<50
K294302		2.64	0.001	<1	0.71	<10	120	<5	<10	0.05	<5	5	6	9	1.20	<50
K294303		3.00	<0.001	<1	0.57	20	60	<5	<10	0.05	<5	<5	9	15	0.92	<50
K294304		0.32	1.175	<1	0.59	230	120	<5	10	19.10	<5	<5	27	86	2.63	<50
K294305		3.08	0.001	<1	0.49	<10	<50	<5	<10	0.06	<5	5	7	<5	0.65	<50
K294306		2.78	0.007	<1	0.64	<10	60	<5	<10	<0.05	<5	<5	5	11	0.58	<50
K294307		3.14	0.011	1	0.52	<10	50	<5	<10	<0.05	<5	<5	9	6	0.81	<50
K294308		3.00	0.003	<1	0.57	<10	50	<5	<10	<0.05	<5	<5	9	<5	0.68	<50



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Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units LOR	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
K294273		<5	0.32	<50	0.20	400	<5	<0.05	<5	220	20	0.98	10	<5	69	<100
K294274		<5	0.28	<50	0.19	240	<5	<0.05	<5	110	<10	0.50	10	<5	34	<100
K294275		<5	0.26	<50	<0.05	160	<5	<0.05	<5	80	<10	0.32	<10	<5	41	<100
K294276		<5	0.44	<50	0.54	360	<5	<0.05	<5	380	<10	0.31	10	<5	32	<100
K294277		<5	0.38	<50	0.41	280	<5	0.05	<5	360	<10	0.23	<10	<5	24	<100
K294278		<5	0.34	<50	0.14	520	<5	<0.05	<5	420	<10	0.14	10	<5	19	<100
K294279		<5	0.31	<50	0.15	530	<5	<0.05	<5	390	<10	<0.05	10	<5	43	<100
K294280		<5	0.29	<50	0.13	820	<5	<0.05	<5	470	<10	<0.05	10	<5	14	<100
K294281		<5	0.39	<50	0.18	350	<5	<0.05	<5	310	<10	0.47	<10	<5	39	<100
K294282		<5	0.23	<50	0.12	140	<5	0.05	<5	50	<10	0.27	10	<5	82	<100
K294283		<5	0.22	<50	0.22	210	<5	0.05	<5	130	<10	0.11	<10	<5	31	<100
K294284		<5	0.24	<50	0.05	110	<5	<0.05	<5	70	<10	<0.05	<10	<5	<5	<100
K294285		<5	0.28	<50	0.09	120	<5	0.07	6	<50	<10	0.27	<10	<5	17	<100
K294286		<5	1.87	<50	2.46	660	<5	<0.05	78	490	<10	0.18	<10	5	104	<100
K294287		<5	1.06	<50	1.72	620	<5	<0.05	34	590	<10	0.23	<10	8	97	<100
K294288		<5	<0.05	<50	12.05	190	<5	<0.05	<5	190	<10	<0.05	<10	<5	43	<100
K294289		<5	2.25	<50	2.48	840	<5	<0.05	43	690	<10	0.11	<10	12	86	<100
K294290		<5	0.42	<50	0.36	280	<5	0.06	11	170	<10	0.07	10	<5	26	<100
K294291		<5	0.19	<50	<0.05	170	<5	<0.05	<5	60	<10	<0.05	<10	<5	5	<100
K294292		<5	0.23	<50	<0.05	210	<5	<0.05	<5	50	10	<0.05	<10	<5	<5	<100
K294293		<5	0.40	<50	0.30	690	<5	<0.05	26	120	30	<0.05	<10	18	15	<100
K294294		<5	0.61	<50	0.49	760	<5	<0.05	25	150	20	<0.05	<10	13	18	<100
K294295		<5	0.24	<50	<0.05	140	<5	<0.05	11	<50	10	<0.05	<10	<5	7	<100
K294296		<5	0.22	<50	<0.05	140	5	<0.05	<5	100	<10	<0.05	<10	<5	12	<100
K294297		<5	0.59	<50	0.44	740	<5	<0.05	27	420	20	<0.05	<10	7	18	<100
K294298		<5	2.14	<50	2.38	1470	<5	<0.05	84	1290	40	<0.05	<10	21	22	<100
K294299		<5	1.49	<50	1.50	1000	<5	<0.05	58	540	20	<0.05	<10	17	30	<100
K294300		<5	0.86	<50	0.67	1370	<5	<0.05	38	220	40	<0.05	<10	8	14	<100
K294301		6	0.24	<50	<0.05	260	<5	<0.05	<5	60	<10	<0.05	<10	<5	7	<100
K294302		<5	0.37	<50	0.10	360	<5	<0.05	<5	240	10	<0.05	<10	<5	23	<100
K294303		<5	0.26	<50	0.05	220	<5	<0.05	13	190	10	<0.05	<10	<5	12	<100
K294304		8	0.21	<50	3.35	1810	76	<0.05	76	1160	10	0.97	<10	<5	196	<100
K294305		<5	0.22	<50	<0.05	130	<5	<0.05	<5	90	10	<0.05	<10	<5	10	<100
K294306		8	0.29	<50	<0.05	160	<5	<0.05	<5	100	10	<0.05	<10	<5	13	<100
K294307		<5	0.21	<50	<0.05	240	<5	<0.05	<5	110	10	<0.05	<10	<5	9	<100
K294308		<5	0.24	<50	<0.05	240	<5	<0.05	<5	120	10	<0.05	<10	<5	10	<100



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CERTIFICATE OF ANALYSIS WH17190000

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
K294273		<0.05	<50	<50	11	<50	120
K294274		<0.05	<50	<50	9	<50	10
K294275		<0.05	<50	<50	<5	<50	<10
K294276		0.05	<50	<50	27	<50	20
K294277		0.05	<50	<50	23	<50	10
K294278		<0.05	<50	<50	10	<50	10
K294279		<0.05	<50	<50	8	<50	10
K294280		<0.05	<50	<50	8	<50	10
K294281		<0.05	<50	<50	8	<50	10
K294282		<0.05	<50	<50	5	<50	10
K294283		<0.05	<50	<50	14	<50	40
K294284		<0.05	<50	<50	<5	<50	<10
K294285		<0.05	<50	<50	<5	<50	<10
K294286		0.30	<50	<50	62	<50	40
K294287		0.26	<50	<50	65	<50	30
K294288		<0.05	<50	<50	<5	<50	10
K294289		0.29	<50	<50	100	<50	60
K294290		<0.05	<50	<50	17	<50	10
K294291		<0.05	<50	<50	5	<50	<10
K294292		<0.05	<50	<50	<5	<50	10
K294293		<0.05	<50	<50	92	<50	100
K294294		<0.05	<50	<50	75	<50	80
K294295		<0.05	<50	<50	<5	<50	10
K294296		<0.05	<50	<50	<5	<50	10
K294297		0.05	<50	<50	39	<50	70
K294298		0.33	<50	<50	142	<50	150
K294299		0.18	<50	<50	90	<50	160
K294300		0.10	<50	<50	45	<50	160
K294301		<0.05	<50	<50	5	<50	10
K294302		<0.05	<50	<50	10	<50	30
K294303		<0.05	<50	<50	6	<50	20
K294304		<0.05	<50	<50	182	<50	460
K294305		<0.05	<50	<50	<5	<50	10
K294306		<0.05	<50	<50	<5	<50	20
K294307		<0.05	<50	<50	5	<50	20
K294308		<0.05	<50	<50	<5	<50	10



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CERTIFICATE OF ANALYSIS WH17190000

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	PUL-QC
	SPL-21	WEI-21		



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CERTIFICATE WH17190001

Project: Dan Man
 P.O. No.: 1006216-Batch 54
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
K294309		3.12	0.002	<1	0.59	<10	<50	<5	<10	<0.05	<5	<5	10	18	0.71	<50
K294310		2.94	<0.001	<1	0.57	30	<50	<5	<10	<0.05	<5	<5	11	6	1.11	<50
K294311		2.94	<0.001	<1	0.59	10	<50	<5	<10	<0.05	<5	<5	9	5	1.06	<50
K294312		2.98	0.008	<1	0.56	30	<50	<5	<10	<0.05	<5	<5	8	<5	0.77	<50
K294313		3.14	0.001	<1	0.51	20	<50	<5	<10	<0.05	<5	<5	9	5	0.69	<50
K294314		3.26	<0.001	1	0.45	10	<50	<5	<10	0.23	<5	<5	9	<5	0.80	<50
K294315		3.48	0.002	<1	0.37	10	<50	<5	<10	0.19	<5	<5	11	<5	0.83	<50
K294316		3.22	<0.001	1	0.40	10	<50	<5	<10	0.49	<5	<5	12	8	0.97	<50
K294317		3.20	<0.001	<1	0.42	10	<50	<5	<10	0.31	<5	<5	10	<5	0.74	<50
K294318		3.50	<0.001	<1	0.37	10	<50	<5	<10	0.40	<5	<5	8	6	0.58	<50
K294319		3.18	<0.001	<1	0.37	<10	<50	<5	<10	0.16	<5	<5	11	20	0.78	<50
K294320		3.10	<0.001	1	0.56	20	<50	<5	<10	0.06	<5	<5	9	<5	0.87	<50
K294321		3.18	<0.001	1	0.52	20	<50	<5	<10	<0.05	<5	<5	8	<5	0.66	<50
K294322		3.36	<0.001	1	0.53	30	<50	<5	<10	0.05	<5	<5	10	<5	1.07	<50
K294323		2.04	<0.001	<1	<0.05	<10	<50	<5	<10	21.2	<5	<5	<5	<5	0.46	<50
K294324		3.02	0.001	1	0.52	10	50	<5	<10	0.05	<5	<5	9	10	0.89	<50
K294325		3.50	<0.001	<1	0.40	<10	50	<5	<10	0.17	<5	<5	9	<5	0.96	<50
K294326		3.34	<0.001	1	0.38	20	<50	<5	<10	0.28	<5	<5	7	<5	0.61	<50
K294327		3.54	0.002	<1	0.55	20	80	<5	<10	1.53	<5	<5	8	5	0.76	<50
K294328		3.46	<0.001	<1	0.52	10	90	<5	<10	1.37	<5	<5	9	7	0.66	<50
K294329		3.30	<0.001	<1	0.44	10	<50	<5	<10	0.90	<5	<5	7	<5	0.52	<50
K294330		3.64	<0.001	<1	0.46	10	70	<5	<10	1.07	<5	<5	9	6	0.59	<50
K294331		3.58	<0.001	1	0.54	10	80	<5	<10	1.15	<5	<5	10	7	0.70	<50
K294332		2.80	0.002	<1	0.68	10	110	<5	<10	0.18	<5	<5	8	5	0.84	<50
K294333		3.20	<0.001	<1	0.53	10	50	<5	<10	0.33	<5	<5	10	<5	0.91	<50
K294334		3.24	<0.001	<1	0.46	10	50	<5	<10	1.24	<5	<5	9	7	0.64	<50
K294335		2.80	<0.001	<1	0.40	10	<50	<5	<10	1.20	<5	<5	8	<5	0.47	<50
K294336		3.52	<0.001	<1	0.47	<10	70	<5	<10	1.09	<5	<5	8	<5	0.76	<50
K294337		0.30	1.465	31	1.22	550	670	<5	<10	0.27	33	<5	13	141	5.62	<50
K294338		3.28	<0.001	<1	0.45	10	50	<5	<10	1.21	<5	<5	9	<5	0.61	<50
K294339		3.08	<0.001	<1	0.45	<10	60	<5	<10	0.97	<5	<5	9	5	0.50	<50
K294340		3.14	0.001	1	0.39	20	70	<5	<10	0.14	<5	<5	12	8	0.76	<50
K294341		3.56	<0.001	<1	0.44	10	50	<5	<10	1.01	<5	<5	11	<5	0.65	<50
K294342		3.34	<0.001	<1	0.42	10	<50	<5	<10	1.92	<5	<5	10	5	0.60	<50
K294343		3.46	<0.001	<1	0.40	<10	<50	<5	<10	0.87	<5	<5	9	<5	0.45	<50
K294344		3.34	<0.001	1	0.47	10	<50	<5	<10	1.52	<5	<5	9	<5	0.63	<50



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Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
K294309		<5	0.24	<50	<0.05	180	<5	<0.05	12	90	30	<0.05	<10	<5	<5	<100
K294310		<5	0.22	<50	0.05	170	<5	<0.05	5	120	10	<0.05	<10	<5	9	<100
K294311		<5	0.20	<50	0.06	150	<5	<0.05	<5	70	<10	<0.05	<10	<5	9	<100
K294312		<5	0.22	<50	<0.05	180	<5	<0.05	<5	80	<10	<0.05	<10	<5	<5	<100
K294313		<5	0.24	<50	<0.05	160	<5	<0.05	7	50	<10	<0.05	<10	<5	6	<100
K294314		<5	0.25	<50	0.06	160	<5	<0.05	<5	50	<10	<0.05	<10	<5	8	<100
K294315		<5	0.24	<50	<0.05	100	<5	0.07	<5	60	<10	<0.05	<10	<5	6	<100
K294316		<5	0.25	<50	0.05	160	5	0.05	6	140	<10	<0.05	<10	<5	12	<100
K294317		6	0.30	<50	<0.05	130	5	0.07	6	80	10	<0.05	<10	<5	11	<100
K294318		<5	0.29	<50	<0.05	120	<5	<0.05	<5	<50	<10	<0.05	10	<5	14	<100
K294319		<5	0.25	<50	<0.05	90	5	0.05	6	50	<10	<0.05	<10	<5	<5	<100
K294320		<5	0.26	<50	0.05	160	<5	<0.05	<5	110	<10	<0.05	<10	<5	8	<100
K294321		<5	0.20	<50	<0.05	130	<5	<0.05	5	60	<10	<0.05	<10	<5	9	<100
K294322		<5	0.20	<50	<0.05	280	<5	<0.05	7	100	<10	<0.05	<10	<5	8	<100
K294323		5	<0.05	<50	11.95	210	<5	<0.05	<5	160	<10	<0.05	<10	<5	26	<100
K294324		<5	0.20	<50	<0.05	150	<5	<0.05	7	80	<10	<0.05	<10	<5	9	<100
K294325		<5	0.25	<50	<0.05	240	<5	<0.05	7	90	<10	<0.05	<10	<5	10	<100
K294326		<5	0.28	<50	<0.05	130	<5	<0.05	6	50	10	<0.05	<10	<5	12	<100
K294327		<5	0.42	<50	<0.05	240	<5	<0.05	6	150	<10	<0.05	<10	<5	74	<100
K294328		<5	0.39	<50	<0.05	160	<5	<0.05	5	140	10	<0.05	<10	<5	54	<100
K294329		<5	0.37	<50	<0.05	140	<5	<0.05	<5	<50	<10	<0.05	<10	<5	25	<100
K294330		<5	0.38	<50	<0.05	150	<5	0.05	<5	60	<10	<0.05	<10	<5	51	<100
K294331		5	0.46	<50	<0.05	180	<5	0.06	<5	<50	<10	<0.05	10	<5	50	<100
K294332		<5	0.34	<50	0.05	350	<5	<0.05	5	80	30	<0.05	<10	<5	12	<100
K294333		<5	0.24	<50	<0.05	170	<5	0.06	<5	90	<10	<0.05	10	<5	20	<100
K294334		<5	0.30	<50	<0.05	150	<5	0.05	<5	<50	<10	<0.05	<10	<5	42	<100
K294335		<5	0.31	<50	<0.05	130	<5	0.05	<5	<50	<10	<0.05	<10	<5	41	<100
K294336		<5	0.38	<50	<0.05	190	<5	0.07	6	130	<10	<0.05	<10	<5	49	<100
K294337		<5	0.51	<50	0.10	1080	5	<0.05	8	1480	3610	0.44	30	5	169	<100
K294338		<5	0.33	<50	<0.05	140	<5	0.06	5	120	10	<0.05	<10	<5	42	<100
K294339		<5	0.37	<50	<0.05	110	<5	0.07	5	80	<10	<0.05	<10	<5	34	<100
K294340		<5	0.34	<50	<0.05	150	<5	0.06	<5	80	<10	<0.05	<10	<5	10	<100
K294341		<5	0.32	<50	<0.05	180	<5	0.07	9	100	<10	<0.05	<10	<5	39	<100
K294342		<5	0.39	<50	<0.05	180	<5	0.05	<5	60	<10	<0.05	<10	<5	75	<100
K294343		<5	0.38	<50	<0.05	120	<5	0.09	6	<50	<10	<0.05	<10	<5	37	<100
K294344		<5	0.44	<50	0.09	210	5	0.07	7	150	<10	<0.05	<10	<5	65	<100



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 Finalized Date: 17-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17190001

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
K294309		<0.05	<50	<50	<5	<50	10
K294310		<0.05	<50	<50	5	<50	20
K294311		<0.05	<50	<50	<5	<50	10
K294312		<0.05	<50	<50	<5	<50	10
K294313		<0.05	<50	<50	<5	<50	10
K294314		<0.05	<50	<50	<5	<50	10
K294315		<0.05	<50	<50	<5	<50	10
K294316		<0.05	<50	<50	<5	<50	10
K294317		<0.05	<50	<50	<5	<50	10
K294318		<0.05	<50	<50	<5	<50	10
K294319		<0.05	<50	<50	<5	<50	10
K294320		<0.05	<50	<50	<5	<50	10
K294321		<0.05	<50	<50	<5	<50	10
K294322		<0.05	<50	<50	<5	<50	20
K294323		<0.05	<50	<50	<5	<50	20
K294324		<0.05	<50	<50	<5	<50	20
K294325		<0.05	<50	<50	<5	<50	10
K294326		<0.05	<50	<50	<5	<50	10
K294327		<0.05	<50	<50	<5	<50	10
K294328		<0.05	<50	<50	<5	<50	<10
K294329		<0.05	<50	<50	<5	<50	10
K294330		<0.05	<50	<50	<5	<50	<10
K294331		<0.05	<50	<50	<5	<50	<10
K294332		<0.05	<50	<50	<5	<50	10
K294333		<0.05	<50	<50	7	<50	20
K294334		<0.05	<50	<50	<5	<50	10
K294335		<0.05	<50	<50	<5	<50	<10
K294336		<0.05	<50	<50	<5	<50	10
K294337		<0.05	<50	<50	60	<50	2430
K294338		<0.05	<50	<50	<5	<50	10
K294339		<0.05	<50	<50	<5	<50	10
K294340		<0.05	<50	<50	<5	<50	20
K294341		<0.05	<50	<50	<5	<50	10
K294342		<0.05	<50	<50	<5	<50	10
K294343		<0.05	<50	<50	<5	<50	10
K294344		<0.05	<50	<50	<5	<50	10



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Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17190001

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17190005

Project: Dan Man
 P.O. No.: 1006216-Batch 55
 This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
BAG-01	Bulk Master for Storage
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17190005

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR																
K294345		3.46	<0.001	<1	1.00	10	60	<5	<10	2.04	<5	5	11	<5	1.54	<50
K294346		3.42	<0.001	1	0.75	10	60	<5	10	1.47	<5	<5	15	<5	1.15	<50
K294347		2.92	<0.001	1	0.51	<10	<50	<5	<10	0.05	<5	<5	11	5	0.63	<50
K294348		3.24	<0.001	1	0.43	<10	<50	<5	20	<0.05	<5	<5	10	<5	0.53	<50
K294349		3.26	<0.001	1	0.44	<10	<50	<5	<10	<0.05	<5	<5	12	6	0.57	<50
K294350		3.16	<0.001	1	0.36	10	<50	<5	10	0.11	<5	<5	10	5	0.51	<50
K294351		0.28	1.150	2	0.67	240	110	<5	30	18.20	<5	6	28	78	2.47	<50
K294352		3.64	<0.001	1	0.62	20	<50	<5	<10	0.63	<5	<5	10	<5	0.92	<50
K294353		3.52	<0.001	1	0.45	10	<50	<5	10	0.51	<5	<5	9	<5	0.44	<50
K294354		2.84	<0.001	2	0.62	20	<50	<5	<10	0.50	<5	<5	8	<5	0.40	<50
K294355		3.20	<0.001	<1	1.17	<10	110	<5	<10	2.46	<5	5	53	7	2.44	<50
K294356		3.14	<0.001	<1	1.14	<10	100	<5	<10	3.83	<5	11	126	15	2.09	<50
K294357		3.54	<0.001	<1	1.20	<10	130	<5	10	2.58	<5	8	36	10	2.15	<50
K294358		2.34	<0.001	<1	2.61	<10	240	<5	<10	6.09	<5	28	285	38	4.62	<50
K294359		2.82	<0.001	<1	0.46	<10	<50	<5	<10	0.66	<5	<5	18	6	0.79	<50
K294360		2.86	<0.001	<1	0.40	<10	<50	<5	10	0.36	<5	<5	14	7	0.69	<50
K294361		2.78	<0.001	<1	0.45	<10	50	<5	<10	1.22	<5	<5	11	6	0.69	<50
K294362		2.80	<0.001	<1	0.46	<10	<50	<5	<10	0.16	<5	<5	10	5	0.44	<50
K294363		2.96	<0.001	1	0.42	<10	<50	<5	10	0.40	<5	<5	8	<5	0.44	<50
K294364		2.54	<0.001	<1	0.68	<10	<50	<5	10	0.18	<5	<5	9	<5	0.52	<50
K294365		2.44	0.001	<1	1.78	<10	200	<5	10	0.67	<5	15	76	24	2.79	<50
K294366		2.34	<0.001	<1	0.66	<10	60	<5	<10	0.05	<5	<5	10	8	0.70	<50
K294367		2.12	0.002	<1	0.87	<10	100	<5	<10	0.07	<5	<5	15	22	0.94	<50
K294368		2.44	0.007	<1	0.76	20	60	<5	<10	<0.05	<5	<5	11	11	1.40	<50
K294369		2.26	<0.001	<1	0.79	<10	<50	<5	10	<0.05	<5	<5	9	9	0.63	<50
K294370		2.46	0.001	<1	1.56	10	120	<5	10	0.15	<5	17	56	12	3.13	<50
K294371		2.60	<0.001	<1	0.78	<10	60	<5	<10	<0.05	<5	<5	8	5	0.85	<50
K294372		2.62	0.002	<1	0.77	<10	<50	<5	<10	0.05	<5	5	19	9	1.38	<50
K294373		2.50	<0.001	<1	1.36	<10	150	<5	10	0.17	<5	12	68	15	2.77	<50
K294374		3.08	<0.001	<1	0.52	<10	80	<5	<10	<0.05	<5	<5	9	<5	0.92	<50
K294375		2.88	<0.001	<1	2.11	<10	130	<5	<10	2.35	<5	18	140	12	3.28	<50
K294376		2.74	<0.001	<1	1.79	<10	80	<5	<10	2.77	<5	16	80	29	2.69	<50
K294377		3.20	0.006	<1	0.90	<10	50	<5	<10	1.38	<5	7	45	15	1.68	<50
K294378		2.72	0.014	<1	1.03	20	60	<5	10	0.60	<5	7	20	10	1.68	<50
K294379		2.26	0.009	<1	0.99	40	50	<5	<10	0.10	<5	11	85	15	3.02	<50
K294380		2.38	<0.001	<1	<0.05	<10	<50	<5	10	21.4	<5	<5	<5	<5	0.47	<50



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CERTIFICATE OF ANALYSIS WH17190005

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
K294345		<5	0.84	<50	0.32	490	6	<0.05	<5	350	10	<0.05	<10	<5	89	<100
K294346		<5	0.54	<50	0.16	290	<5	<0.05	<5	200	10	<0.05	<10	<5	50	<100
K294347		<5	0.23	<50	<0.05	120	<5	0.07	<5	50	20	<0.05	<10	<5	13	<100
K294348		<5	0.24	<50	<0.05	100	<5	0.06	<5	<50	10	<0.05	<10	<5	12	<100
K294349		<5	0.24	<50	<0.05	130	<5	0.09	<5	<50	<10	<0.05	<10	<5	10	<100
K294350		<5	0.20	<50	<0.05	100	<5	0.07	<5	60	10	<0.05	<10	<5	13	<100
K294351		<5	0.23	<50	3.19	1730	71	<0.05	72	1080	10	0.84	<10	<5	183	<100
K294352		<5	0.23	<50	<0.05	110	<5	0.06	<5	<50	10	<0.05	<10	<5	19	<100
K294353		<5	0.24	<50	<0.05	120	<5	0.06	<5	<50	<10	<0.05	<10	<5	21	<100
K294354		<5	0.20	<50	<0.05	80	<5	0.05	<5	<50	10	<0.05	<10	<5	16	<100
K294355		<5	0.55	<50	0.47	480	<5	0.05	20	330	<10	<0.05	10	<5	108	<100
K294356		<5	0.57	<50	0.71	430	<5	<0.05	46	550	10	<0.05	<10	8	77	<100
K294357		<5	0.81	<50	0.99	440	<5	0.06	18	560	<10	0.06	<10	7	48	<100
K294358		<5	2.01	<50	2.82	980	<5	0.05	108	1360	10	0.06	<10	16	84	<100
K294359		<5	0.30	<50	0.13	210	<5	0.05	<5	120	<10	<0.05	<10	<5	18	<100
K294360		<5	0.24	<50	0.06	110	<5	0.07	<5	50	20	<0.05	10	<5	14	<100
K294361		<5	0.31	<50	0.07	240	<5	0.07	5	90	<10	<0.05	<10	<5	40	<100
K294362		<5	0.28	<50	<0.05	100	<5	0.08	<5	80	10	<0.05	<10	<5	8	<100
K294363		<5	0.28	<50	<0.05	120	<5	0.08	<5	<50	10	<0.05	<10	<5	13	<100
K294364		<5	0.31	<50	<0.05	90	<5	<0.05	<5	<50	<10	<0.05	10	<5	5	<100
K294365		<5	0.76	<50	1.08	1080	<5	<0.05	23	430	<10	<0.05	<10	9	24	<100
K294366		<5	0.28	50	0.05	50	<5	<0.05	<5	130	<10	<0.05	<10	<5	9	<100
K294367		<5	0.40	50	0.09	90	5	<0.05	5	170	20	<0.05	<10	<5	10	<100
K294368		<5	0.31	<50	<0.05	140	<5	<0.05	6	60	10	<0.05	10	<5	13	<100
K294369		<5	0.28	<50	<0.05	110	<5	<0.05	<5	<50	20	<0.05	10	<5	11	<100
K294370		<5	0.85	<50	0.57	620	<5	<0.05	25	420	20	<0.05	10	9	16	<100
K294371		<5	0.28	<50	<0.05	100	<5	<0.05	<5	60	10	<0.05	<10	<5	11	<100
K294372		<5	0.26	<50	0.05	130	<5	<0.05	10	90	10	0.09	<10	<5	8	<100
K294373		<5	0.60	<50	0.66	640	<5	0.05	36	350	10	0.11	<10	7	10	<100
K294374		<5	0.30	<50	<0.05	180	<5	0.09	<5	90	<10	0.07	<10	<5	10	<100
K294375		<5	1.49	<50	1.86	670	<5	0.05	77	720	10	0.05	<10	6	44	<100
K294376		<5	1.04	<50	1.21	420	<5	0.05	43	390	10	0.13	10	11	79	<100
K294377		<5	0.37	<50	0.37	270	<5	0.06	20	150	10	<0.05	<10	5	17	<100
K294378		<5	0.15	<50	0.07	770	<5	<0.05	12	80	<10	<0.05	<10	<5	20	<100
K294379		<5	0.23	<50	0.07	560	<5	<0.05	30	250	30	<0.05	<10	14	19	<100
K294380		<5	<0.05	<50	12.00	210	<5	<0.05	<5	210	<10	<0.05	<10	<5	26	<100



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17190005

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
K294345		0.07	<50	<50	15	<50	20
K294346		<0.05	<50	<50	8	<50	20
K294347		<0.05	<50	<50	<5	<50	10
K294348		<0.05	<50	<50	<5	<50	10
K294349		<0.05	<50	<50	<5	<50	<10
K294350		<0.05	<50	<50	<5	<50	<10
K294351		<0.05	<50	<50	186	<50	430
K294352		<0.05	<50	<50	8	<50	10
K294353		<0.05	<50	<50	<5	<50	<10
K294354		<0.05	<50	<50	<5	<50	<10
K294355		<0.05	<50	<50	22	<50	<10
K294356		0.05	<50	<50	49	<50	20
K294357		0.09	<50	<50	48	<50	20
K294358		0.24	<50	<50	114	<50	70
K294359		<0.05	<50	<50	5	<50	<10
K294360		<0.05	<50	<50	<5	<50	40
K294361		<0.05	<50	<50	<5	<50	10
K294362		<0.05	<50	<50	<5	<50	<10
K294363		<0.05	<50	<50	<5	<50	<10
K294364		<0.05	<50	<50	<5	<50	<10
K294365		0.08	<50	<50	57	<50	30
K294366		<0.05	<50	<50	<5	<50	<10
K294367		<0.05	<50	<50	9	<50	10
K294368		<0.05	<50	<50	6	<50	20
K294369		<0.05	<50	<50	<5	<50	70
K294370		0.06	<50	<50	49	<50	60
K294371		<0.05	<50	<50	5	<50	10
K294372		<0.05	<50	<50	12	<50	20
K294373		<0.05	<50	<50	38	<50	30
K294374		<0.05	<50	<50	<5	<50	10
K294375		0.24	<50	<50	67	<50	40
K294376		0.07	<50	<50	59	<50	20
K294377		<0.05	<50	<50	33	<50	10
K294378		<0.05	<50	<50	20	<50	20
K294379		<0.05	<50	<50	43	<50	60
K294380		<0.05	<50	<50	5	<50	10



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Account: **DEVARC**

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17190005

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	BAG-01	CRU-31
	LOG-22	LOG-23	ME-ICP41a
	PUL-QC	SPL-21	WEI-21
			CRU-QC
			PUL-32



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CERTIFICATE WH17190007

Project: Dan Man
 P.O. No.: 1006216-Batch 56
 This report is for 17 Rock samples submitted to our lab in Whitehorse, YT, Canada on 5-SEP-2017.
 The following have access to data associated with this certificate:
 IAN TALBOT WILLIAM WENGZYNOWSK

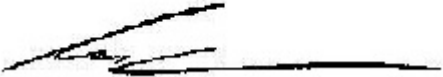
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
BAG-01	Bulk Master for Storage
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES

To: **ARCUS DEVELOPMENT GROUP**
ATTN: IAN TALBOT
510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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To: ARCUS DEVELOPMENT GROUP
 510 WEST HASTINGS ST.
 VANCOUVER BC V6B 1L8

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 Finalized Date: 21-OCT-2017
 Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17190007

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.001	1	0.05	10	50	5	10	0.05	5	5	5	0.05	50	
K294381		2.28	0.005	<1	0.80	20	<50	<5	20	<0.05	<5	6	7	10	1.12	<50
K294382		2.30	0.001	1	0.77	40	<50	<5	10	<0.05	<5	8	15	5	1.30	<50
K294383		2.16	0.001	1	0.75	20	<50	<5	10	<0.05	<5	7	13	9	1.31	<50
K294384		2.46	0.001	<1	0.79	<10	50	<5	<10	<0.05	<5	6	9	5	0.74	<50
K294385		2.42	0.003	<1	0.05	<10	<50	<5	10	22.4	<5	<5	<5	9	0.52	<50
K294386		2.80	0.002	<1	1.02	<10	100	<5	<10	0.97	<5	13	39	12	2.39	<50
K294387		2.74	0.003	<1	0.51	<10	<50	<5	10	0.33	<5	<5	9	<5	0.58	<50
K294388		2.76	0.001	1	0.57	<10	<50	<5	<10	0.53	<5	6	20	10	0.89	<50
K294389		2.94	0.005	1	0.40	<10	<50	<5	10	<0.05	<5	<5	11	5	0.53	<50
K294390		2.74	0.017	<1	0.54	<10	<50	<5	10	<0.05	<5	5	13	<5	0.74	<50
K294391		3.24	0.017	<1	0.48	<10	<50	<5	30	0.24	<5	7	10	<5	0.74	<50
K294392		2.96	<0.001	<1	1.62	<10	310	<5	20	3.27	<5	17	68	25	2.36	<50
K294393		3.08	0.001	<1	0.37	<10	<50	<5	10	0.21	<5	<5	11	<5	0.62	<50
K294394		3.02	0.005	<1	0.37	<10	<50	<5	10	<0.05	<5	<5	12	<5	0.63	<50
K294395		3.02	0.031	1	0.39	<10	<50	<5	<10	0.05	<5	<5	11	<5	0.75	<50
K294396		3.58	0.014	<1	0.54	<10	50	<5	20	0.40	<5	5	10	<5	0.91	<50
K294397		0.28	1.530	32	1.18	520	660	<5	<10	0.28	32	12	13	125	5.45	<50



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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17190007

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
K294381		7	0.17	<50	<0.05	140	<5	<0.05	5	60	<10	<0.05	<10	<5	24	<100
K294382		<5	0.19	<50	<0.05	410	<5	<0.05	8	90	10	<0.05	<10	<5	28	<100
K294383		6	0.18	<50	<0.05	240	<5	<0.05	6	130	<10	<0.05	<10	<5	30	<100
K294384		5	0.20	<50	<0.05	270	<5	<0.05	5	80	<10	<0.05	<10	<5	15	<100
K294385		<5	<0.05	<50	12.70	210	<5	<0.05	<5	210	<10	0.10	<10	<5	36	<100
K294386		<5	0.28	<50	0.34	620	<5	<0.05	12	360	10	<0.05	10	9	33	<100
K294387		<5	0.20	<50	0.05	100	<5	0.08	<5	60	<10	<0.05	<10	<5	14	<100
K294388		<5	0.21	<50	0.20	170	<5	0.08	7	130	10	<0.05	<10	<5	15	<100
K294389		<5	0.20	<50	<0.05	90	<5	0.08	<5	<50	<10	<0.05	10	<5	10	<100
K294390		<5	0.27	<50	<0.05	100	<5	<0.05	<5	60	<10	<0.05	<10	<5	8	<100
K294391		<5	0.21	<50	0.06	100	<5	0.08	<5	100	<10	<0.05	<10	<5	15	<100
K294392		<5	0.73	<50	0.96	450	<5	<0.05	30	460	<10	0.05	<10	5	65	<100
K294393		<5	0.20	<50	<0.05	100	5	0.06	5	<50	20	<0.05	<10	<5	5	<100
K294394		<5	0.19	<50	<0.05	80	<5	0.05	<5	<50	<10	<0.05	10	<5	6	<100
K294395		<5	0.22	<50	<0.05	120	<5	0.05	<5	50	10	<0.05	<10	<5	9	<100
K294396		<5	0.25	<50	0.09	200	<5	<0.05	<5	120	<10	<0.05	<10	<5	15	<100
K294397		<5	0.53	<50	0.10	1030	6	<0.05	<5	1440	3440	0.45	30	5	162	<100



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510 WEST HASTINGS ST.
VANCOUVER BC V6B 1L8

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Project: Dan Man

CERTIFICATE OF ANALYSIS WH17190007

Sample Description	Method Analyte Units LOR	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.05	50	50	5	50	10
K294381		<0.05	<50	<50	7	<50	10
K294382		<0.05	<50	<50	11	<50	20
K294383		<0.05	<50	<50	11	<50	20
K294384		<0.05	<50	<50	<5	<50	10
K294385		<0.05	<50	<50	<5	<50	20
K294386		<0.05	<50	<50	51	<50	30
K294387		<0.05	<50	<50	<5	<50	<10
K294388		<0.05	<50	<50	8	<50	10
K294389		<0.05	<50	<50	<5	<50	10
K294390		<0.05	<50	<50	<5	<50	<10
K294391		<0.05	<50	<50	<5	<50	10
K294392		0.18	<50	<50	48	<50	30
K294393		<0.05	<50	<50	<5	<50	<10
K294394		<0.05	<50	<50	<5	<50	<10
K294395		<0.05	<50	<50	<5	<50	<10
K294396		<0.05	<50	<50	<5	<50	<10
K294397		<0.05	<50	<50	60	<50	2330



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Finalized Date: 21-OCT-2017
Account: DEVARC

Project: Dan Man

CERTIFICATE OF ANALYSIS WH17190007

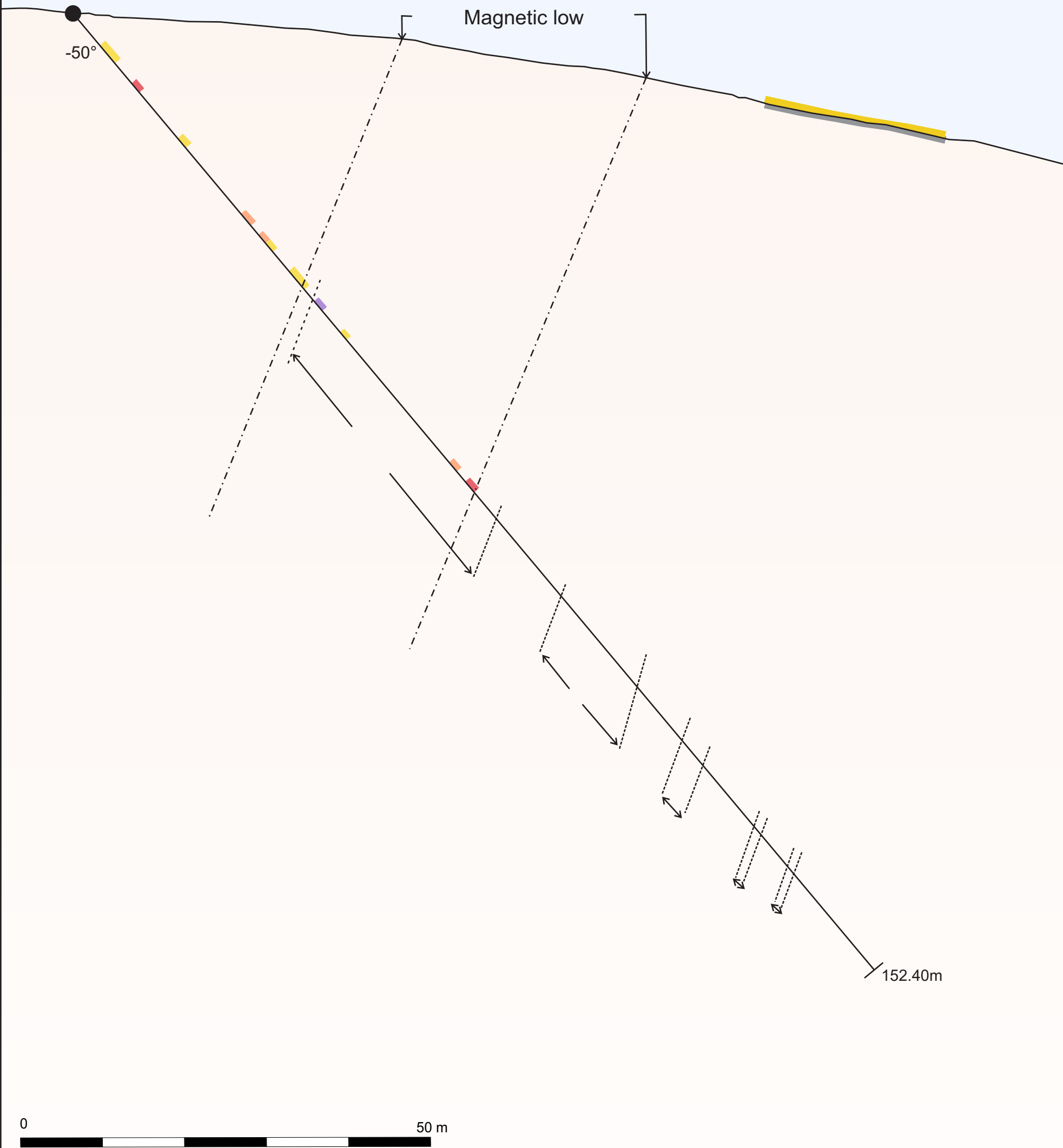
CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	BAG-01	CRU-31	LOG-22
	LOG-23	ME-ICP41a	PUL-32	SPL-21
	WEI-21			

APPENDIX V
KWAZULU DRILL SECTIONS
RC-KW-17-01 TO 09

Section RC-KW-17-01
Looking West AZM 355°

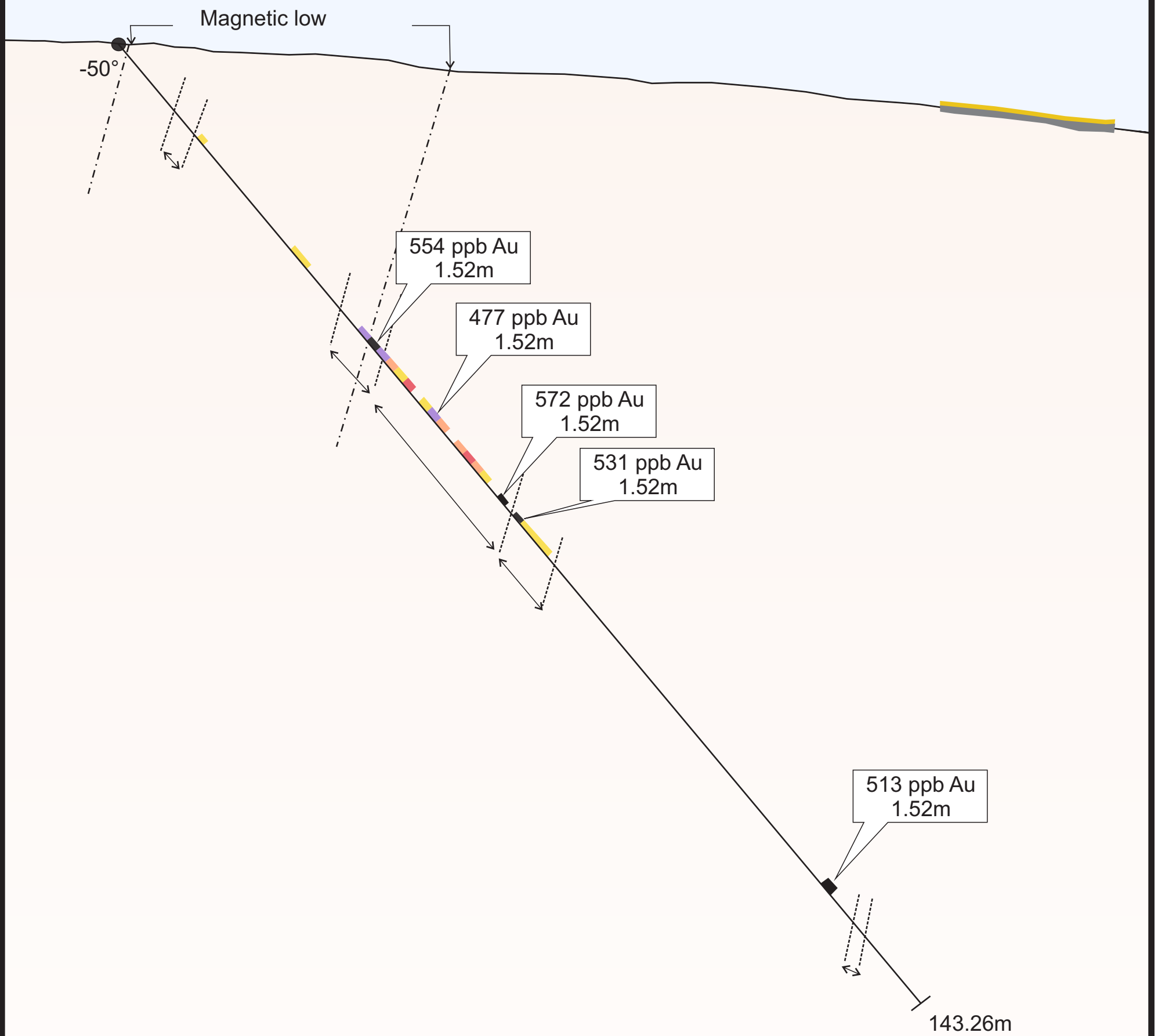


0 50 m

Gold Values (ppb)	
■	≥ 200
■	≥ 100 < 200
■	≥ 50 < 100
■	≥ 25 < 50

	Structural alteration zone observed in drill hole
	Magnetic low interpreted from tilt derivative magnetic data
■	Anomalous gold-in-rock chip response
■	Anomalous gold-in-soil surface response

Section RC-KW-17-02 Looking West AZM 355°



Gold Values (ppb)

■	≥ 200
■	≥ 100 < 200
■	≥ 50 < 100
■	≥ 25 < 50

--- Structural alteration zone
observed in drill hole

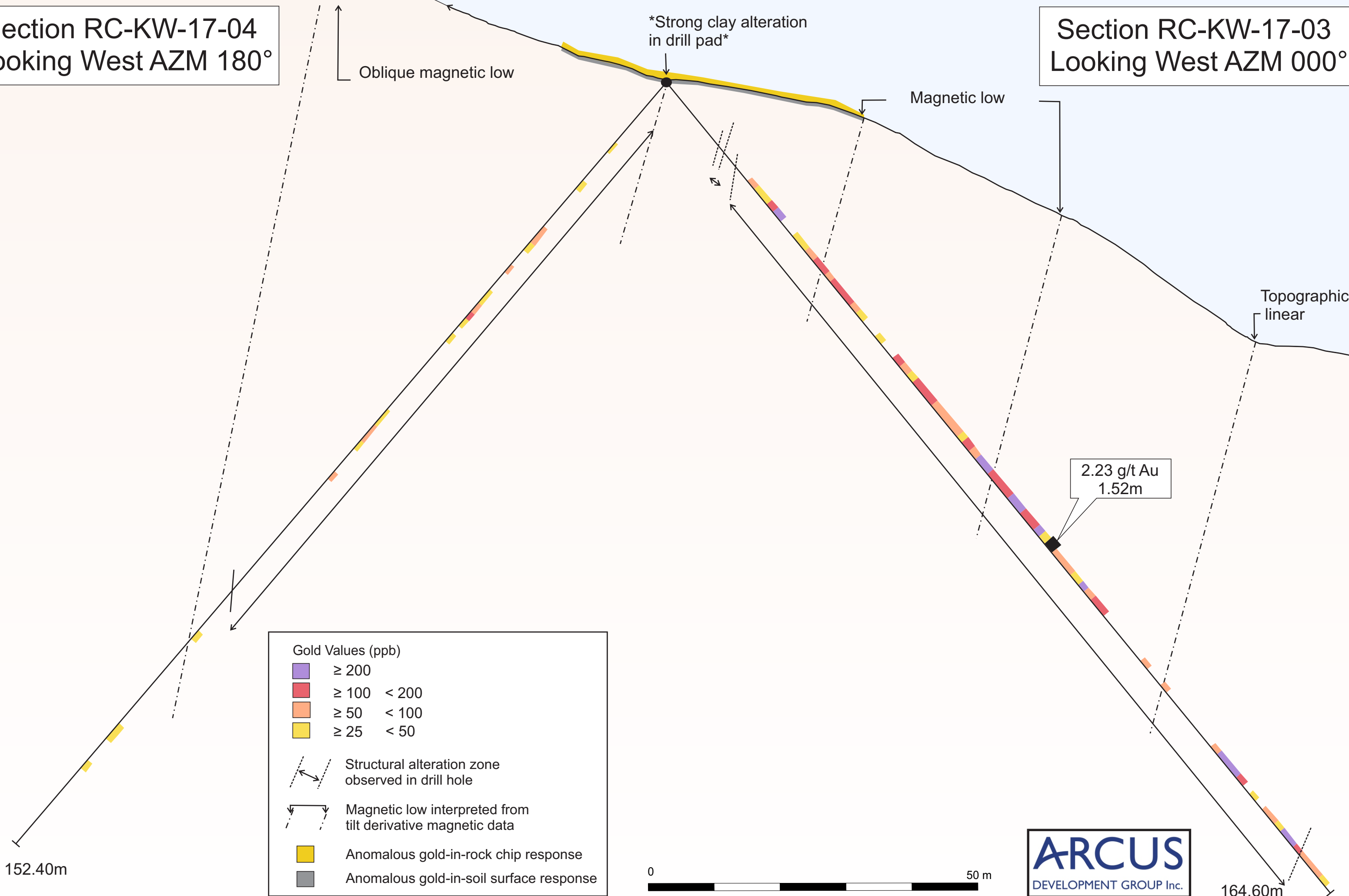
--- Magnetic low interpreted from
tilt derivative magnetic data

■ Anomalous gold-in-rock chip response

■ Anomalous gold-in-soil surface response

Section RC-KW-17-04
Looking West AZM 180°

Section RC-KW-17-03
Looking West AZM 000°



Gold Values (ppb)

■	≥ 200
■	≥ 100 < 200
■	≥ 50 < 100
■	≥ 25 < 50

- - - Structural alteration zone observed in drill hole
 - - - Magnetic low interpreted from tilt derivative magnetic data
 ■ Anomalous gold-in-rock chip response
 ■ Anomalous gold-in-soil surface response



152.40m

164.60m

Strong clay alteration in drill pad

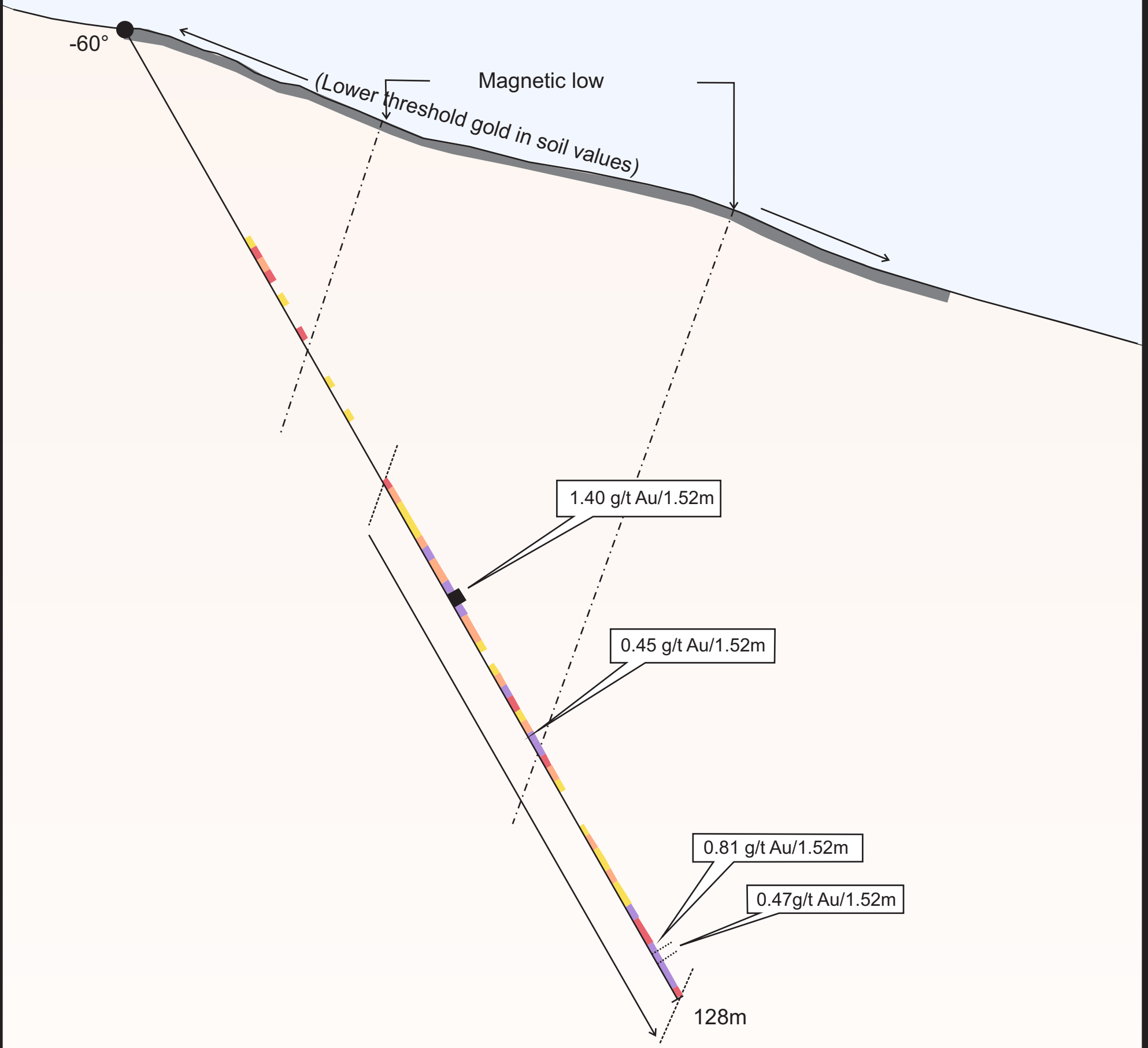
Oblique magnetic low

Magnetic low

Topographic linear

2.23 g/t Au
1.52m

Section RC-KW-17-05 Looking West AZM 015°



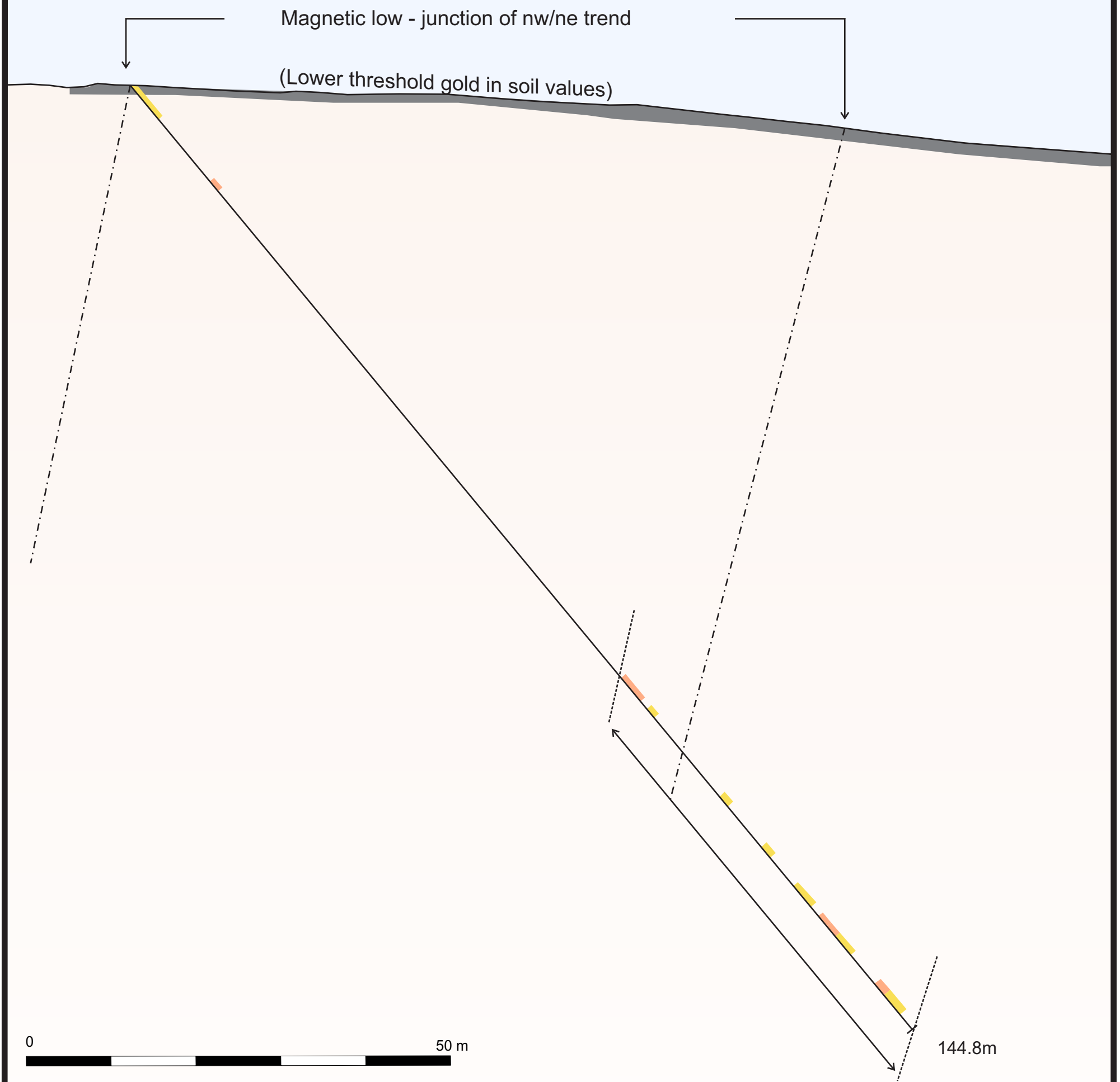
* Rods sticking badly due to cave shut down**



Gold Values (ppb)	
■	≥ 200
■	≥ 100 < 200
■	≥ 50 < 100
■	≥ 25 < 50

	Structural alteration zone observed in drill hole
	Magnetic low interpreted from tilt derivative magnetic data
■	Anomalous gold-in-rock chip response
■	Anomalous gold-in-soil surface response

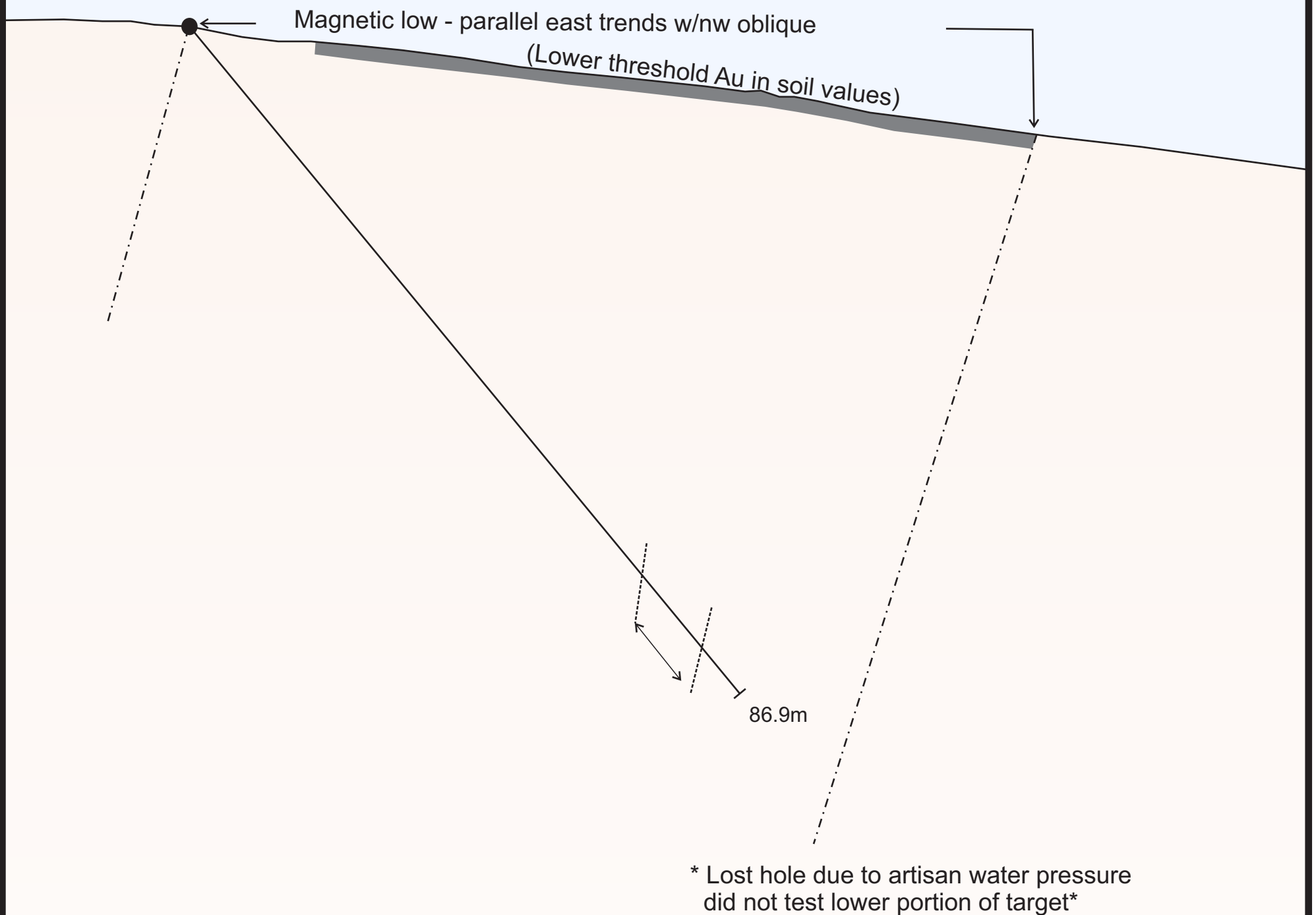
Section RC-KW-17-06
Looking West AZM 350°



Gold Values (ppb)	
	≥ 200
	≥ 100 < 200
	≥ 50 < 100
	≥ 25 < 50

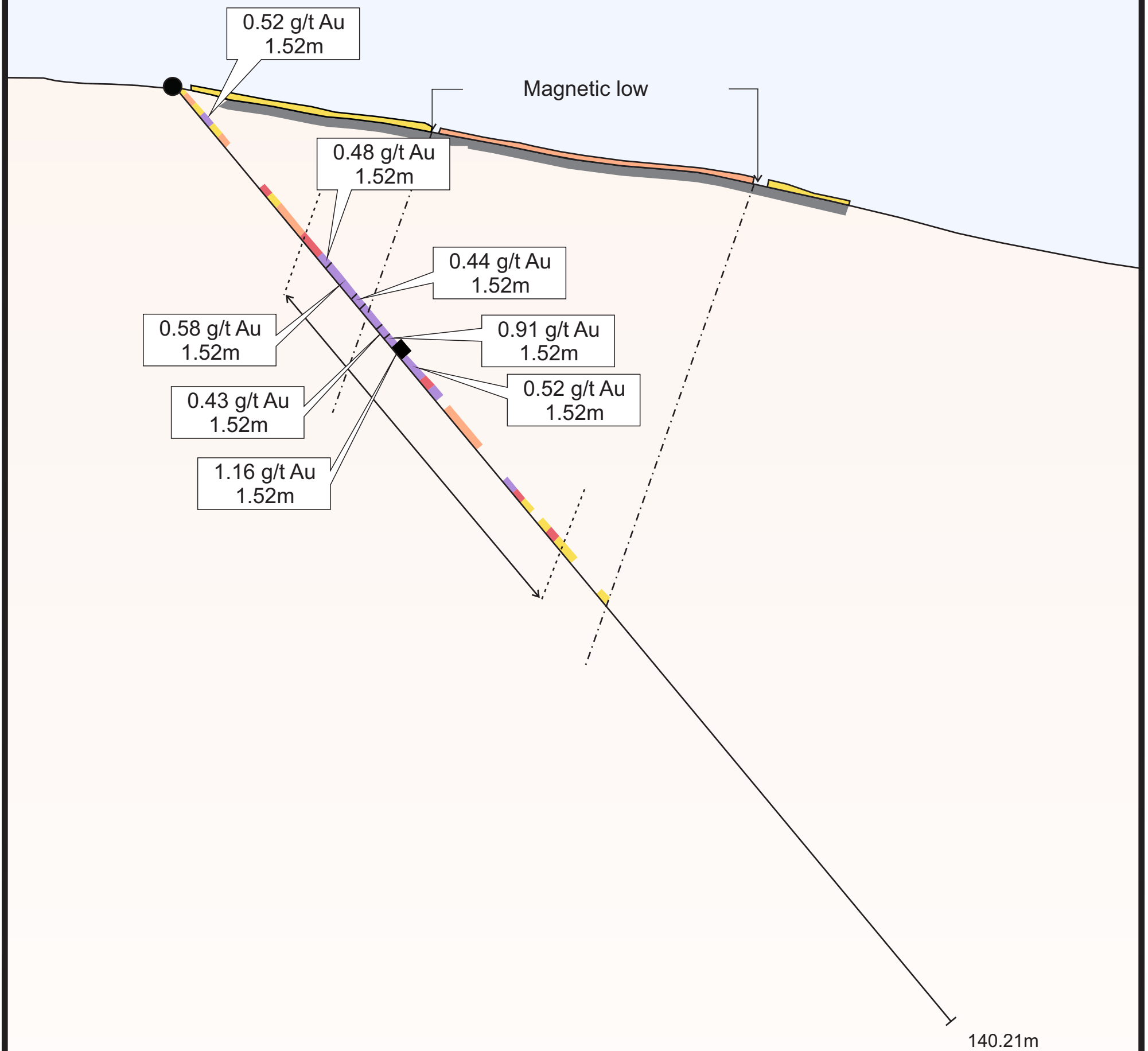
	Structural alteration zone observed in drill hole
	Magnetic low interpreted from tilt derivative magnetic data
	Anomalous gold-in-rock chip response
	Anomalous gold-in-soil surface response

Section RC-KW-17-07 Looking West AZM 000°



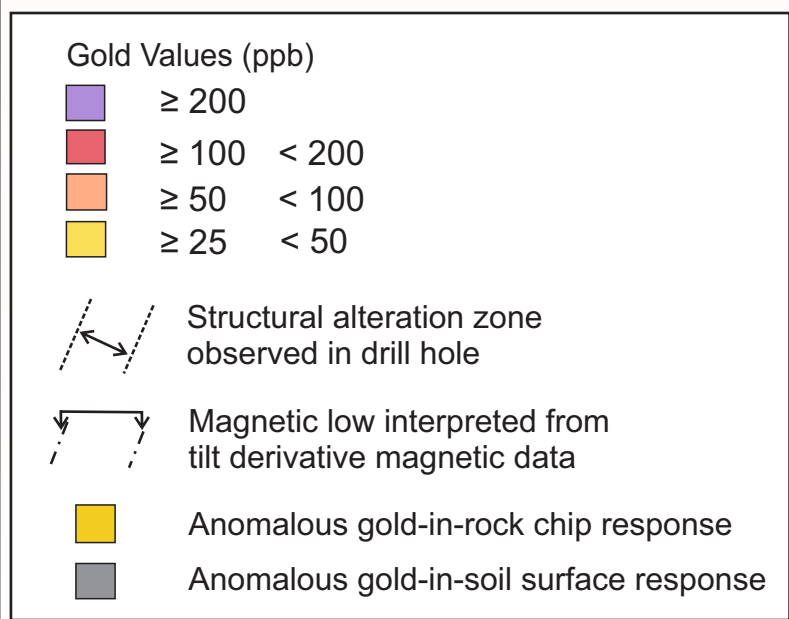
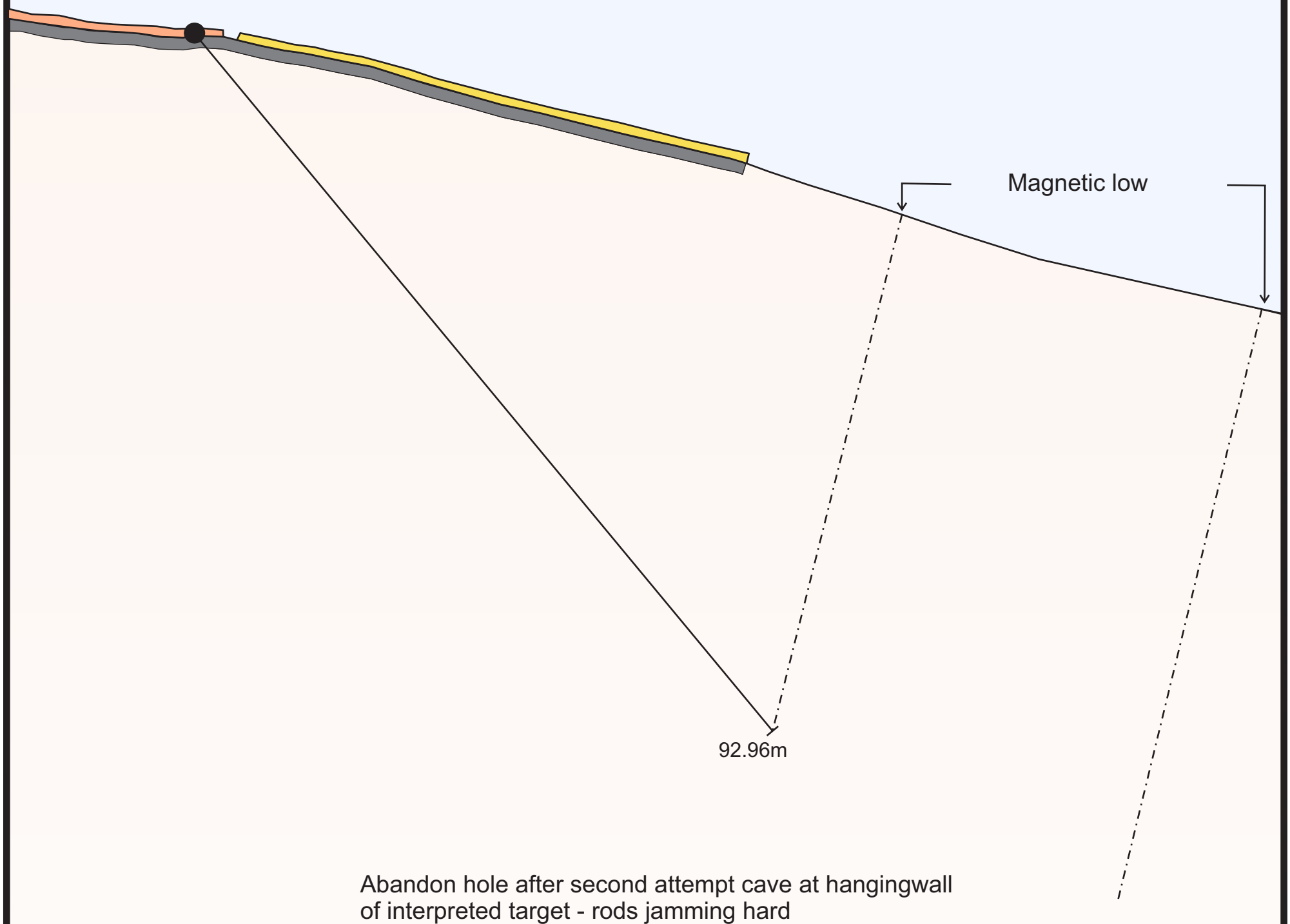
Gold Values (ppb)	
	≥ 200
	≥ 100 < 200
	≥ 50 < 100
	≥ 25 < 50
	Structural alteration zone observed in drill hole
	Magnetic low interpreted from tilt derivative magnetic data
	Anomalous gold-in-rock chip response
	Anomalous gold-in-soil surface response

Section RC-KW-17-08 Looking West AZM 015°



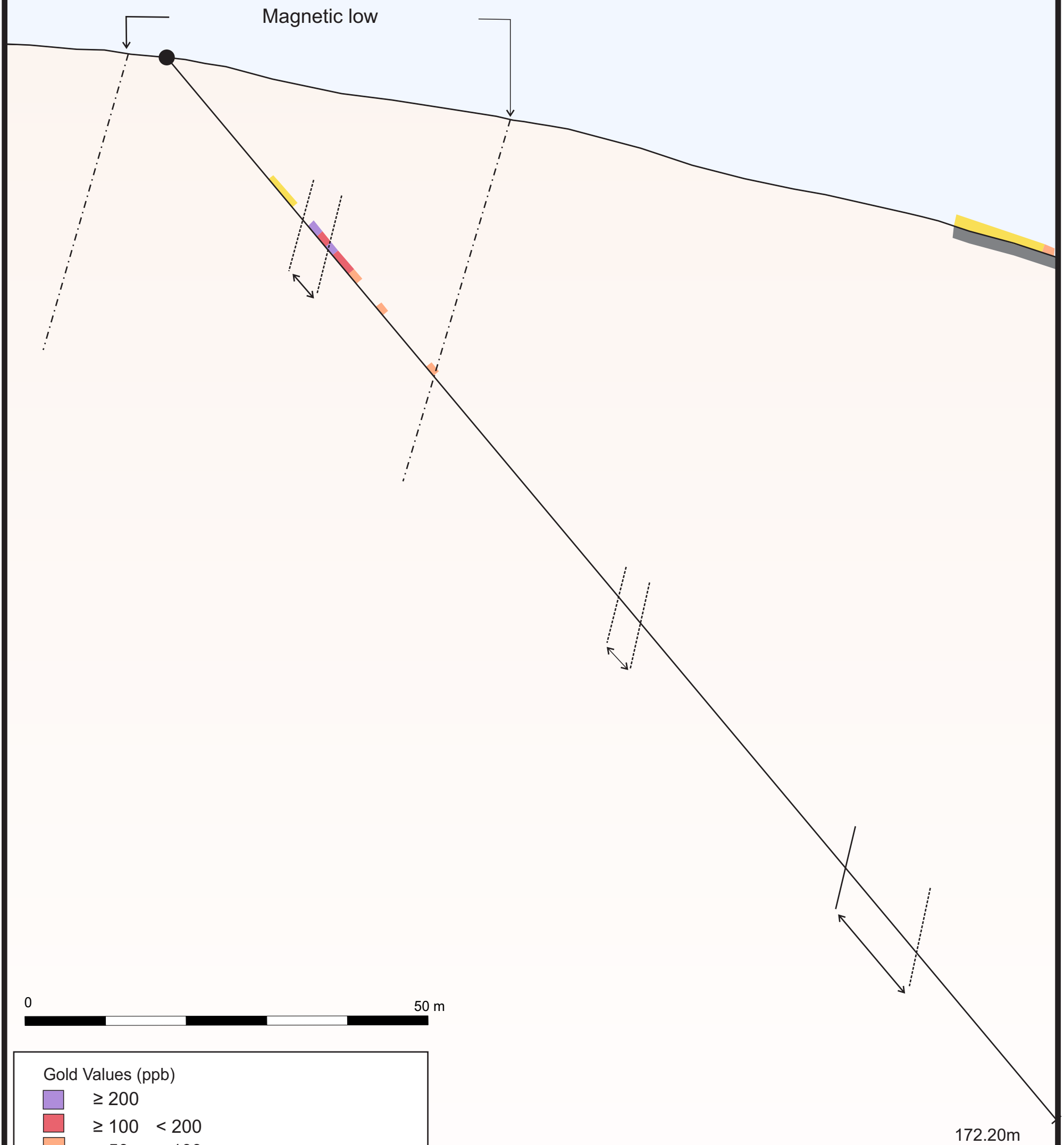
Gold Values (ppb)	
	≥ 200
	≥ 100 < 200
	≥ 50 < 100
	≥ 25 < 50
	Structural alteration zone observed in drill hole
	Magnetic low interpreted from tilt derivative magnetic data
	Anomalous gold-in-rock chip response
	Anomalous gold-in-soil surface response

Section RC-KW-17-09
Looking West AZM 000°



APPENDIX VI
ROOIBOS DRILL SECTIONS
RC-RB-01 TO 11

Section RC-RB-17-01
Looking West AZM 010°



Gold Values (ppb)

- ≥ 200
- ≥ 100 < 200
- ≥ 50 < 100
- ≥ 25 < 50

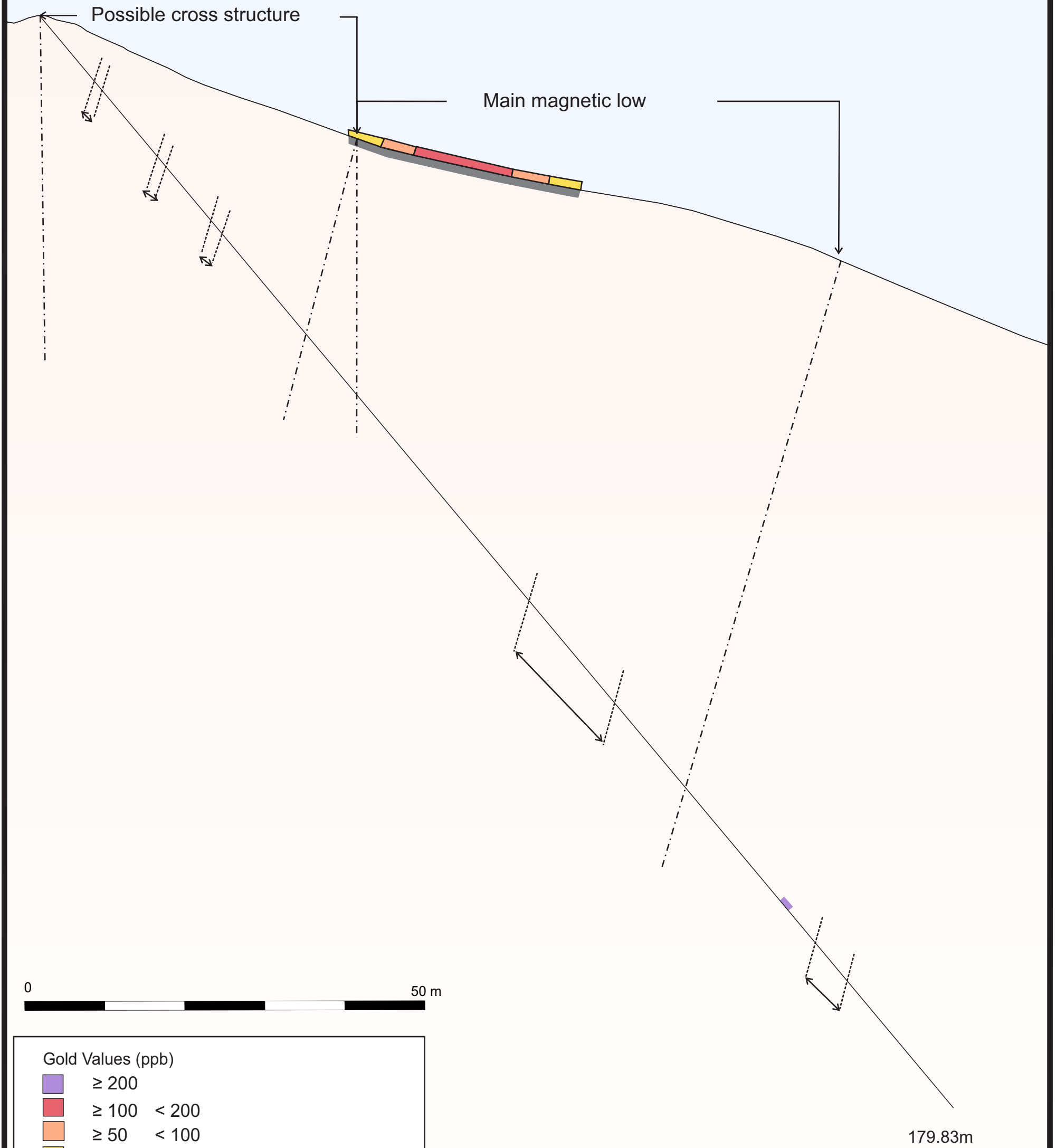
Structural alteration zone observed in drill hole

Magnetic low interpreted from tilt derivative magnetic data

Anomalous gold-in-rock chip response

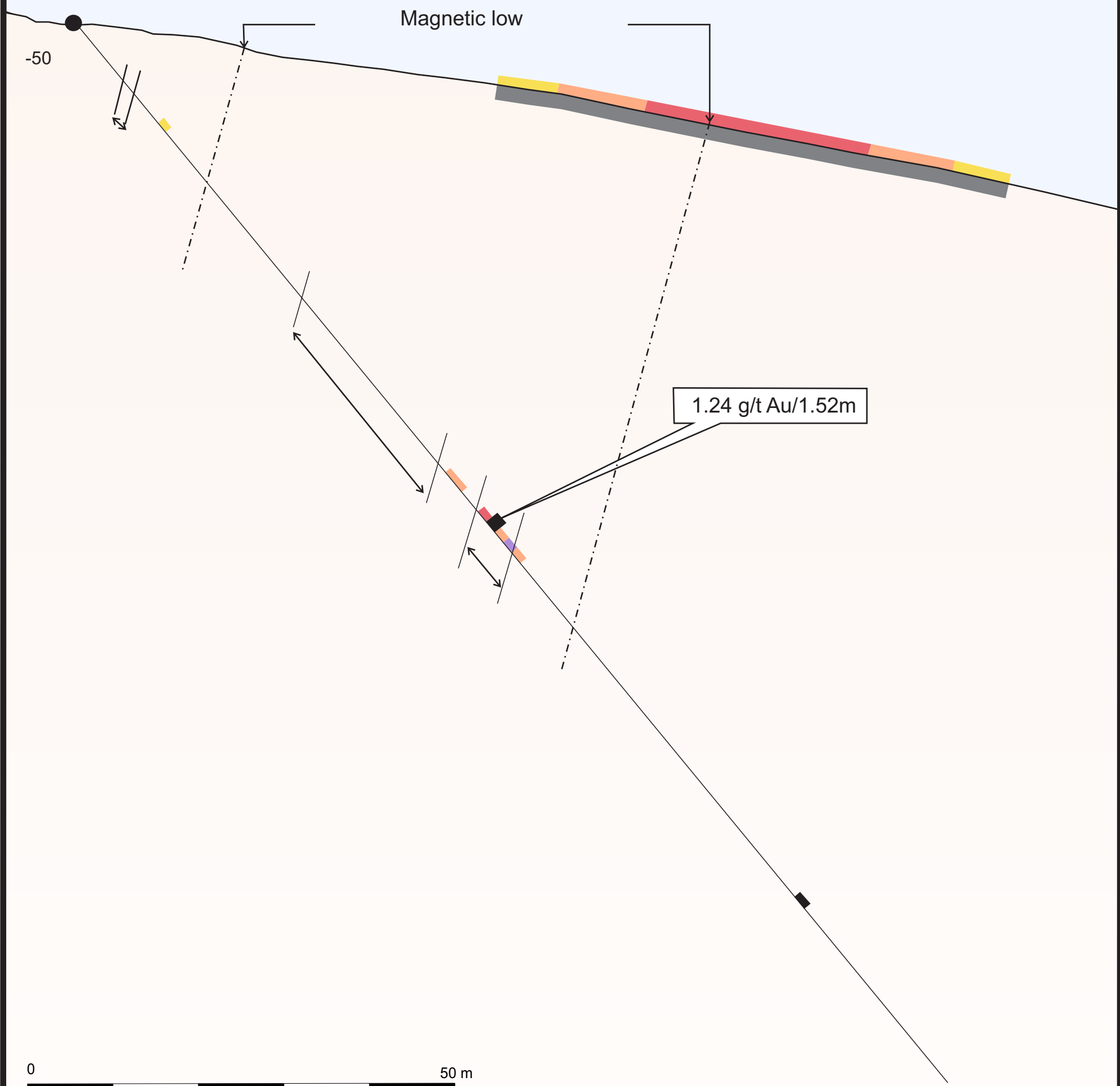
Anomalous gold-in-soil surface response

Section RC-RB-17-02 Looking West AZM 340°



Gold Values (ppb)	
	≥ 200
	≥ 100 < 200
	≥ 50 < 100
	≥ 25 < 50
	Structural alteration zone observed in drill hole
	Magnetic low interpreted from tilt derivative magnetic data
	Anomalous gold-in-rock chip response
	Anomalous gold-in-soil surface response

Section RC-RB-17-03
Looking West AZM 350°



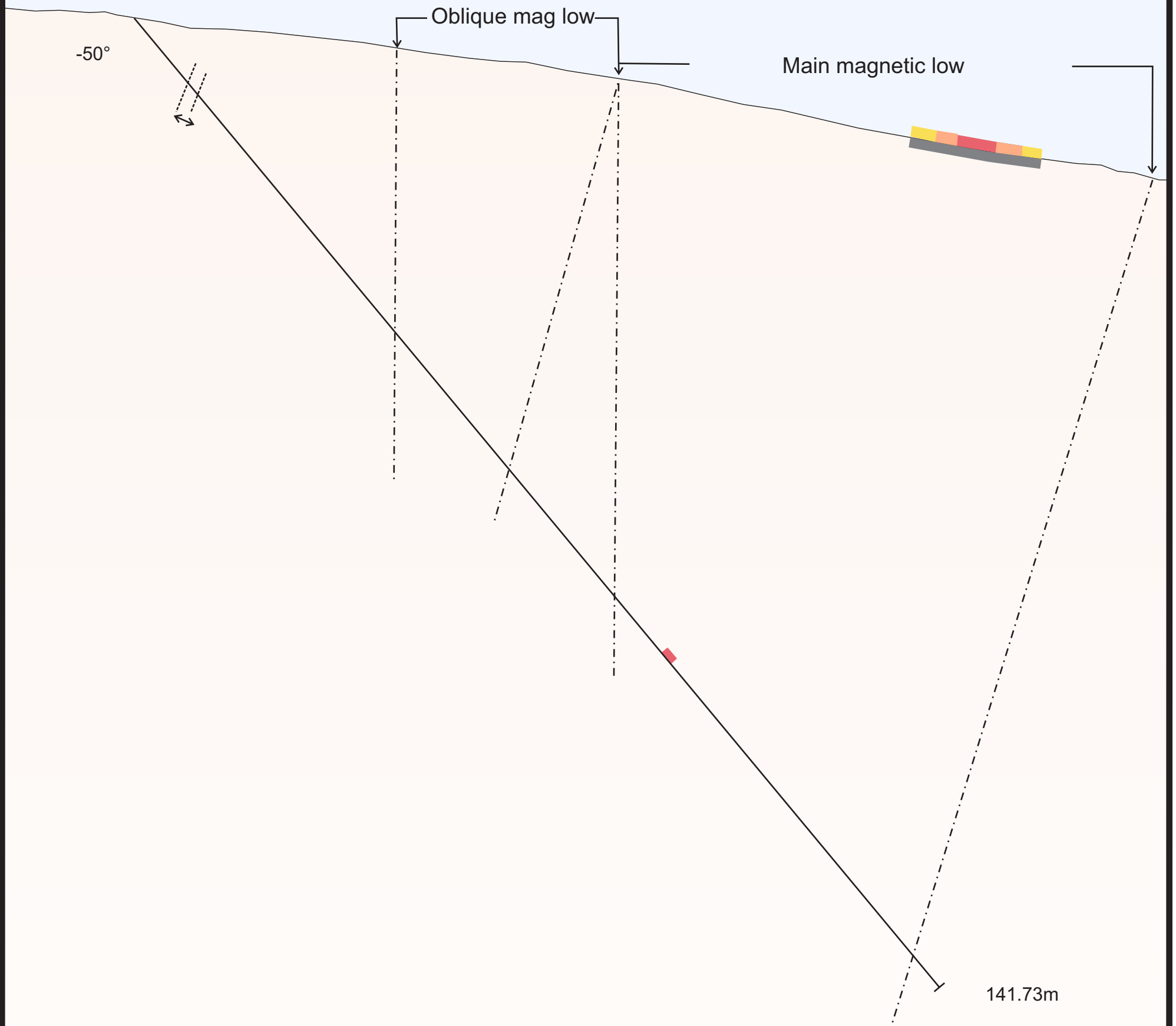
161.54m

0 50 m

Gold Values (ppb)	
	≥ 200
	≥ 100 < 200
	≥ 50 < 100
	≥ 25 < 50

	Structural alteration zone observed in drill hole
	Magnetic low interpreted from tilt derivative magnetic data
	Anomalous gold-in-rock chip response
	Anomalous gold-in-soil surface response

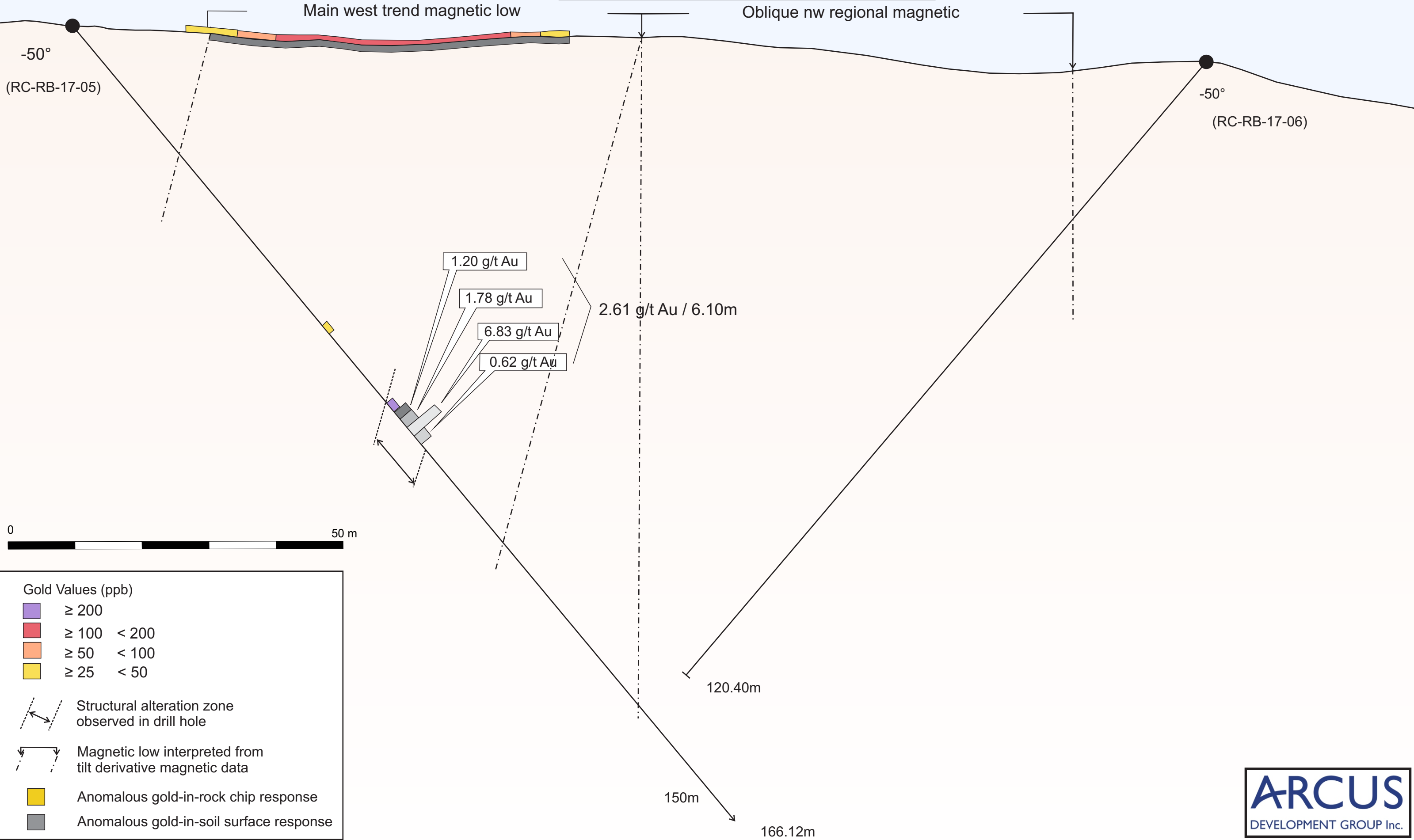
Section RC-RB-17-04 Looking West AZM 345°



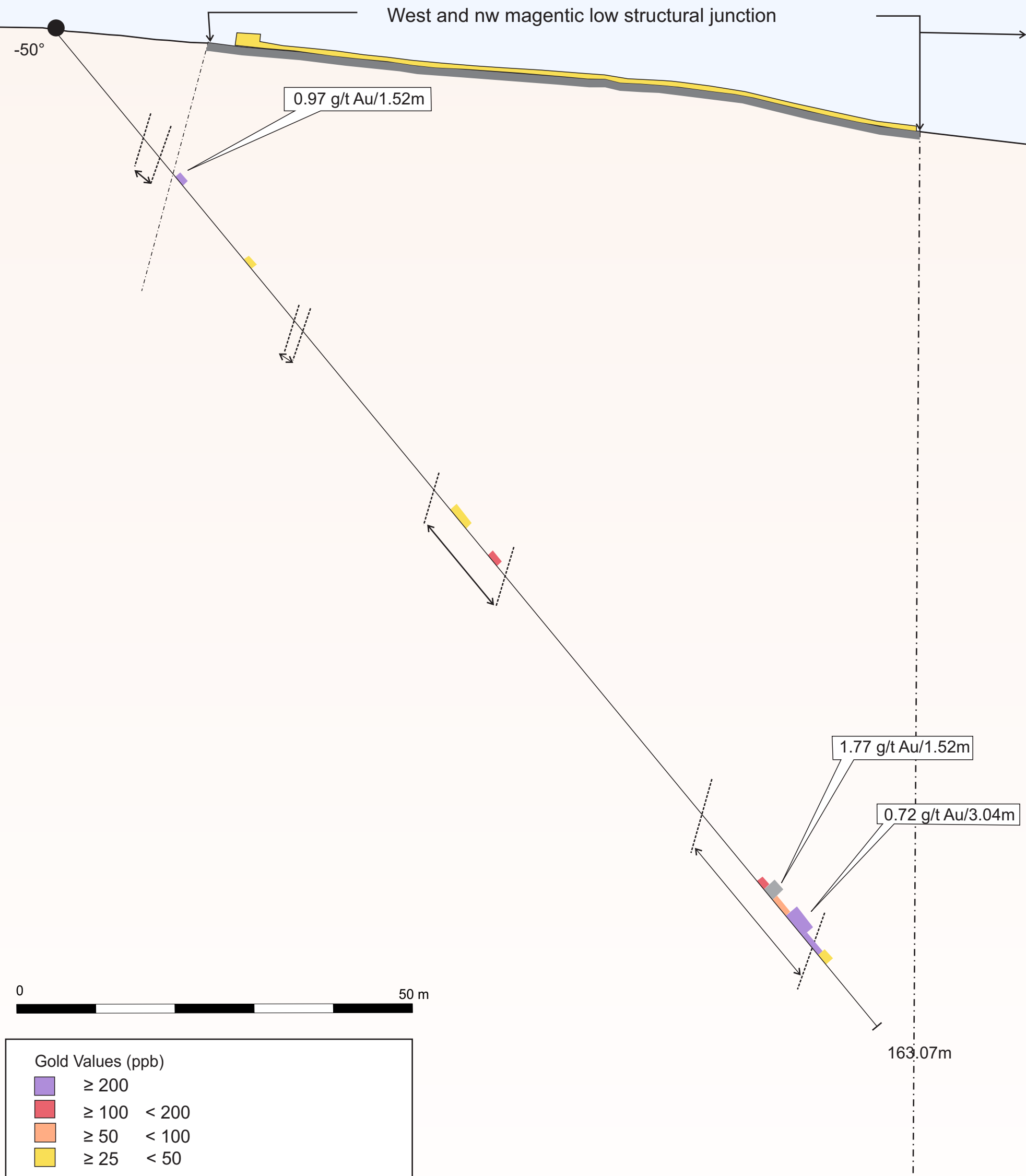
Gold Values (ppb)	
■	≥ 200
■	≥ 100 < 200
■	≥ 50 < 100
■	≥ 25 < 50

	Structural alteration zone observed in drill hole
	Magnetic low interpreted from tilt derivative magnetic data
■	Anomalous gold-in-rock chip response
■	Anomalous gold-in-soil surface response

Section RC-RB-17-05/06 Looking West AZM 015°/195°



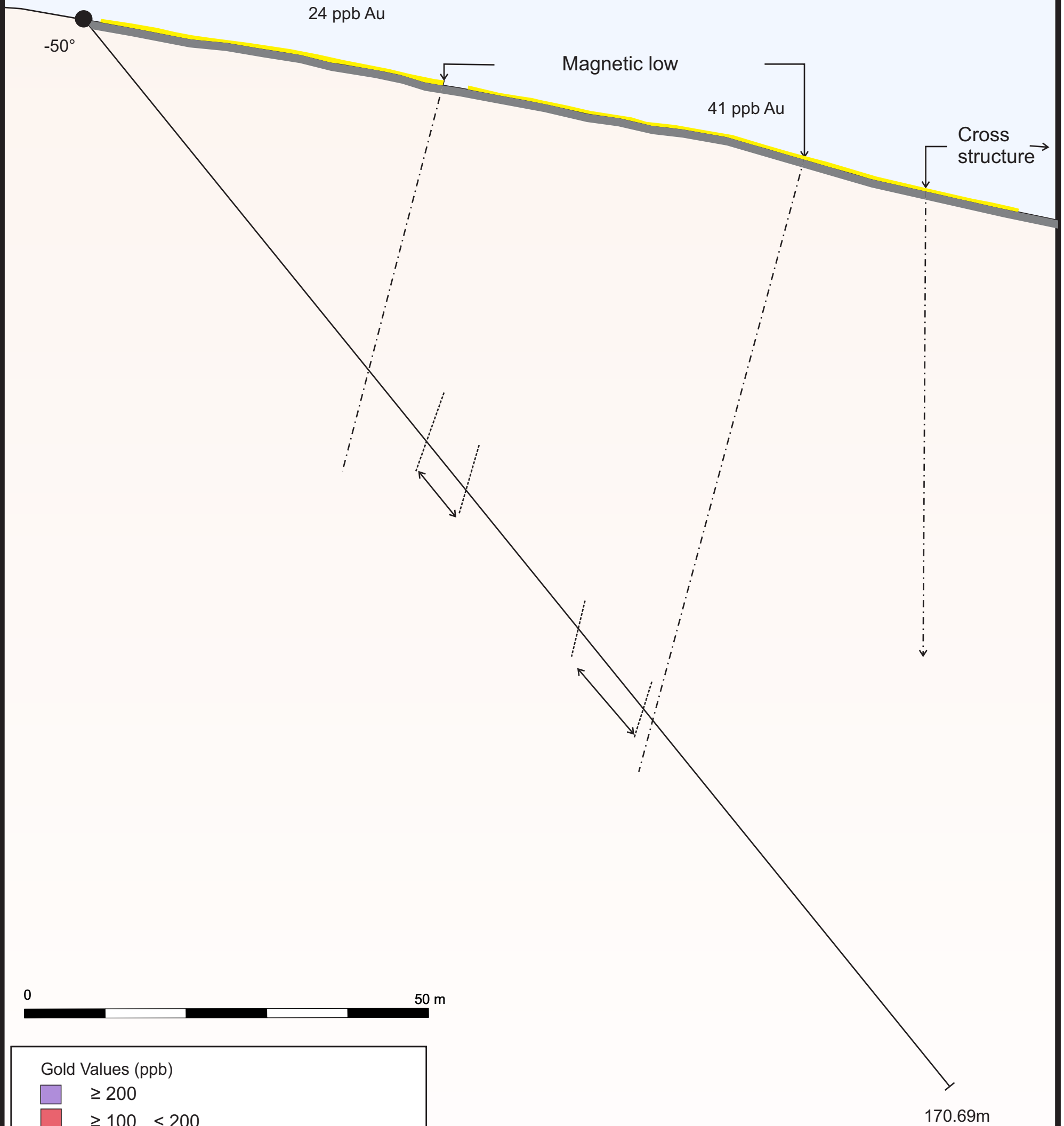
Section RC-RB-17-07 Looking West AZM 015°



Gold Values (ppb)	
	≥ 200
	≥ 100 < 200
	≥ 50 < 100
	≥ 25 < 50

↔	Structural alteration zone observed in drill hole
↔	Magnetic low interpreted from tilt derivative magnetic data
■	Anomalous gold-in-rock chip response
■	Anomalous gold-in-soil surface response

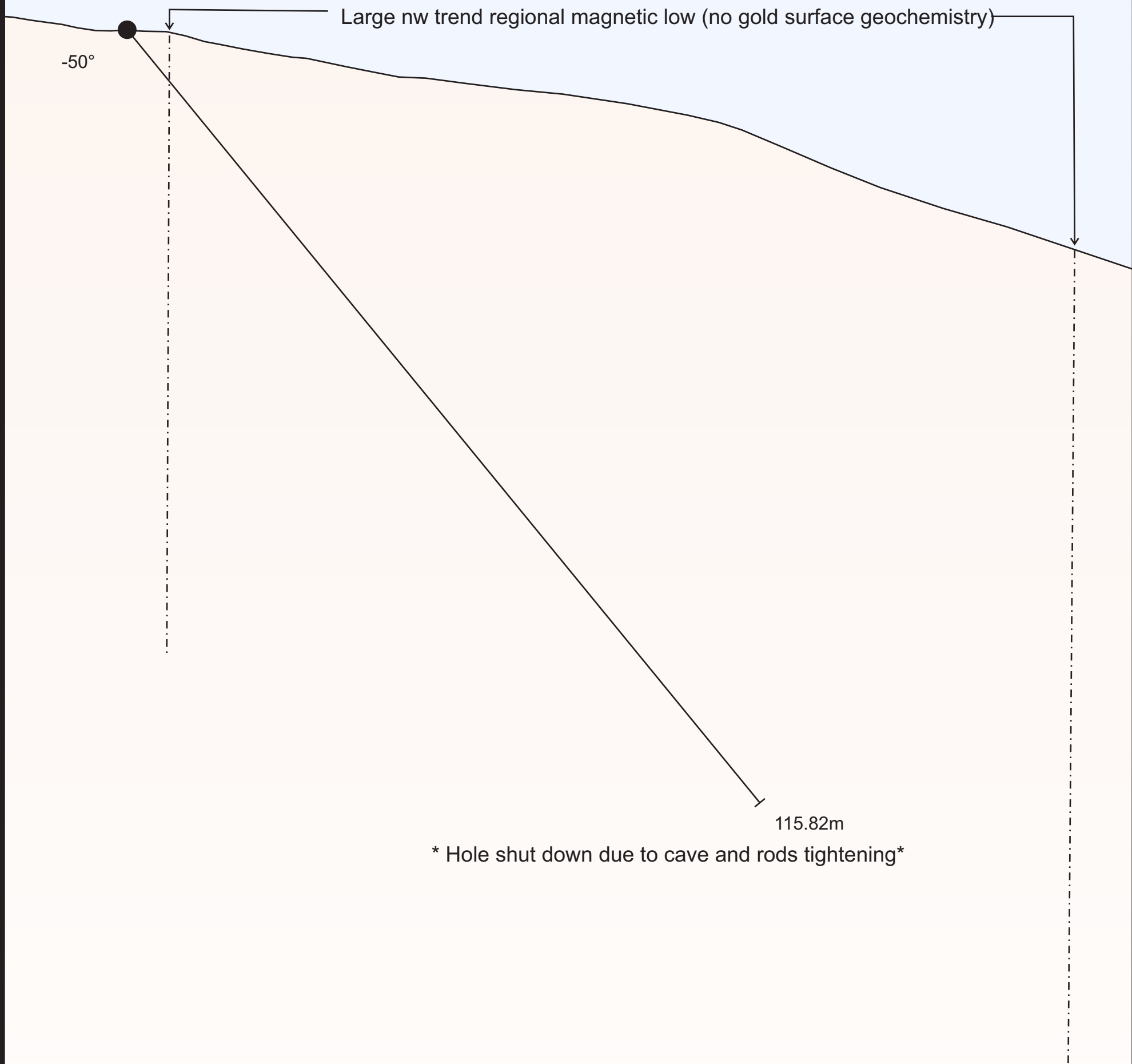
Section RC-RB-17-08 Looking West AZM 010°



Gold Values (ppb)	
	≥ 200
	≥ 100 < 200
	≥ 50 < 100
	≥ 25 < 50

↔	Structural alteration zone observed in drill hole
↔	Magnetic low interpreted from tilt derivative magnetic data
	Anomalous gold-in-rock chip response
	Anomalous gold-in-soil surface response

Section RC-RB-17-09 Looking West AZM 025°



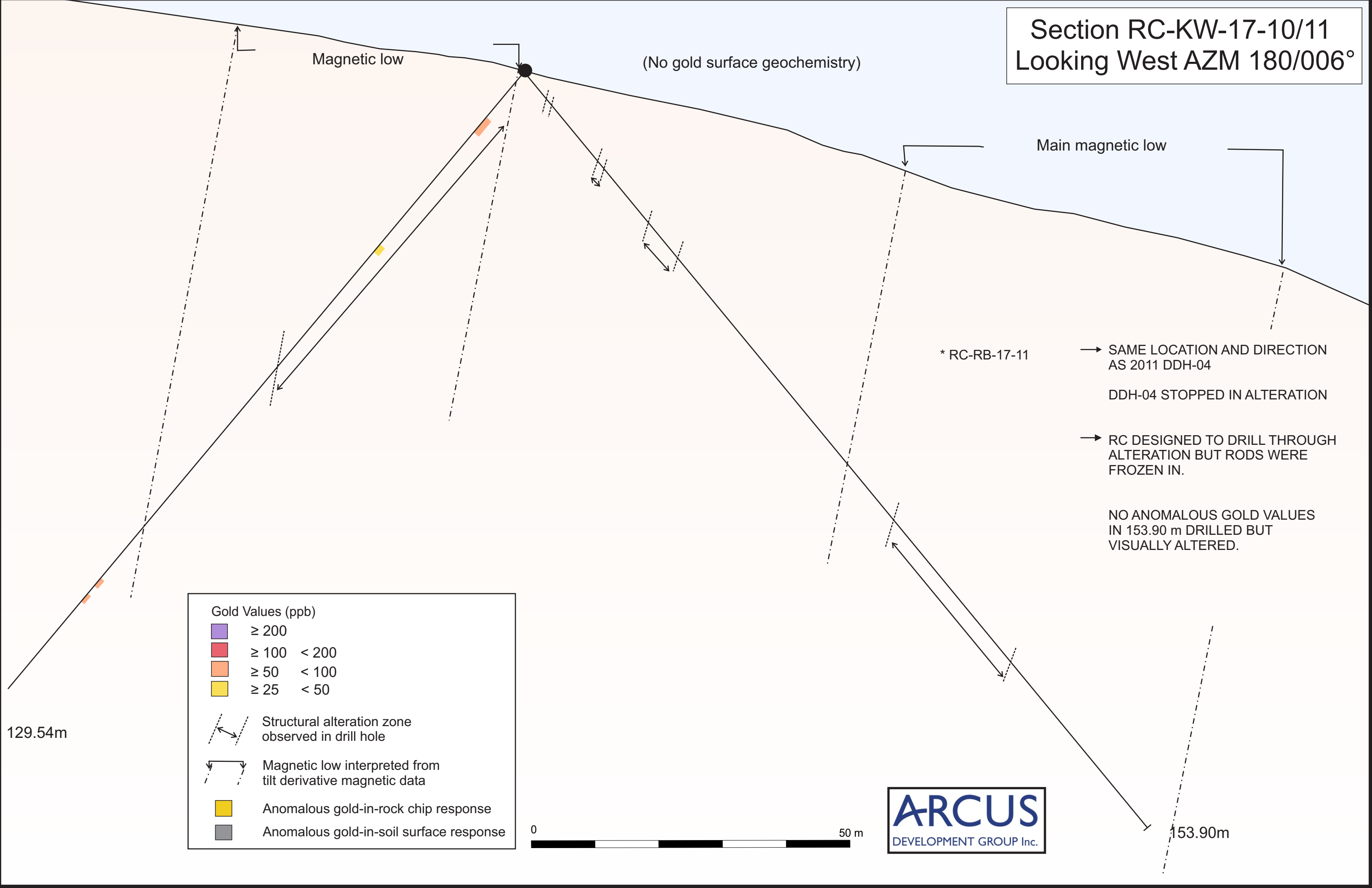
* Hole shut down due to cave and rods tightening*

115.82m



Gold Values (ppb)	
	≥ 200
	≥ 100 < 200
	≥ 50 < 100
	≥ 25 < 50
	Structural alteration zone observed in drill hole
	Magnetic low interpreted from tilt derivative magnetic data
	Anomalous gold-in-rock chip response
	Anomalous gold-in-soil surface response

Section RC-KW-17-10/11
Looking West AZM 180/006°



Magnetic low

(No gold surface geochemistry)

Main magnetic low

* RC-RB-17-11

→ SAME LOCATION AND DIRECTION AS 2011 DDH-04

DDH-04 STOPPED IN ALTERATION

→ RC DESIGNED TO DRILL THROUGH ALTERATION BUT RODS WERE FROZEN IN.

NO ANOMALOUS GOLD VALUES IN 153.90 m DRILLED BUT VISUALLY ALTERED.

Gold Values (ppb)

- ≥ 200
- ≥ 100 < 200
- ≥ 50 < 100
- ≥ 25 < 50

↔ Structural alteration zone observed in drill hole

↔ Magnetic low interpreted from tilt derivative magnetic data

Anomalous gold-in-rock chip response

Anomalous gold-in-soil surface response

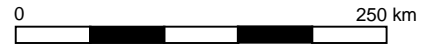
129.54m



153.90m

ARCUS DEVELOPMENT GROUP

FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
DAN MAN PROPERTY

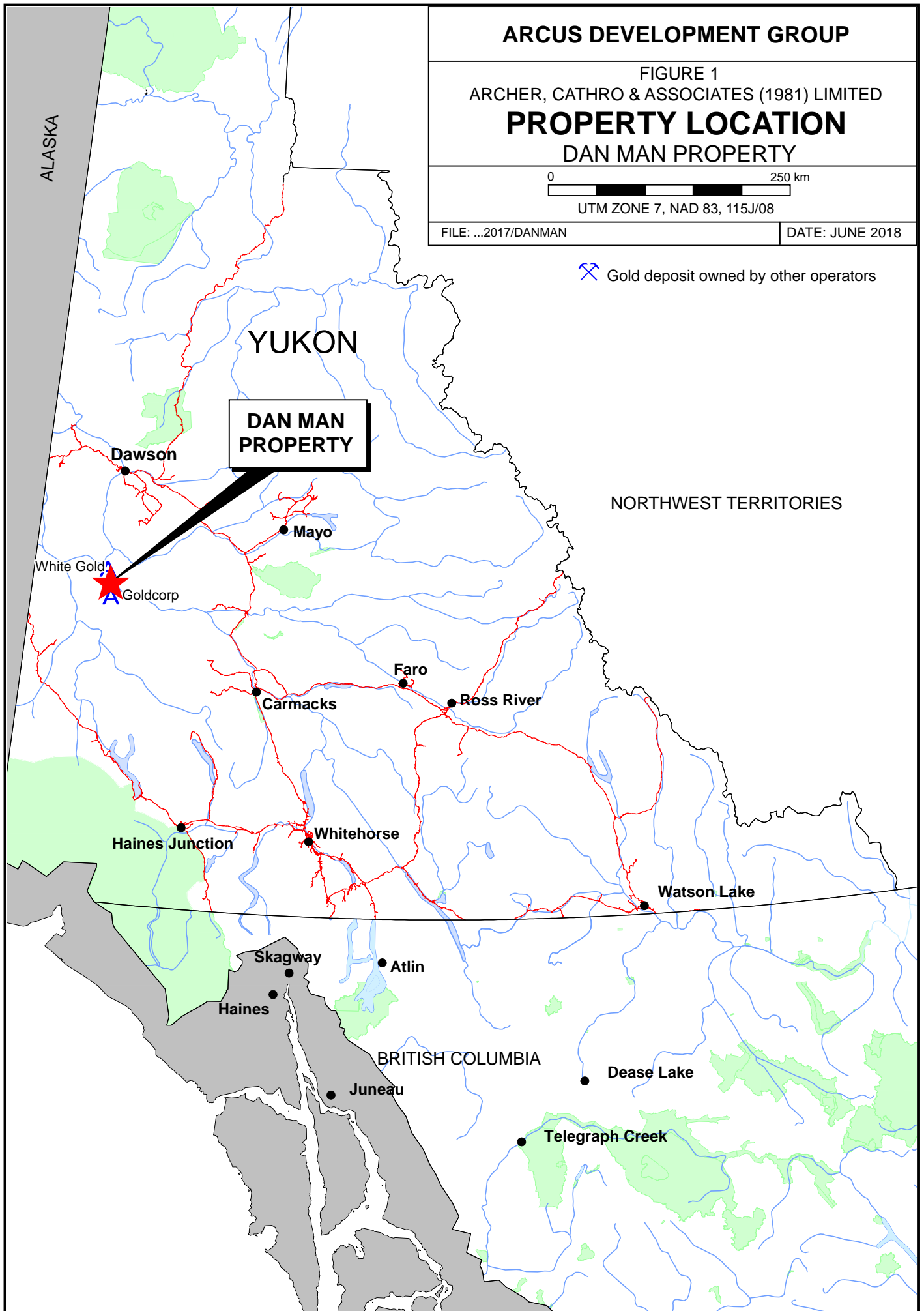


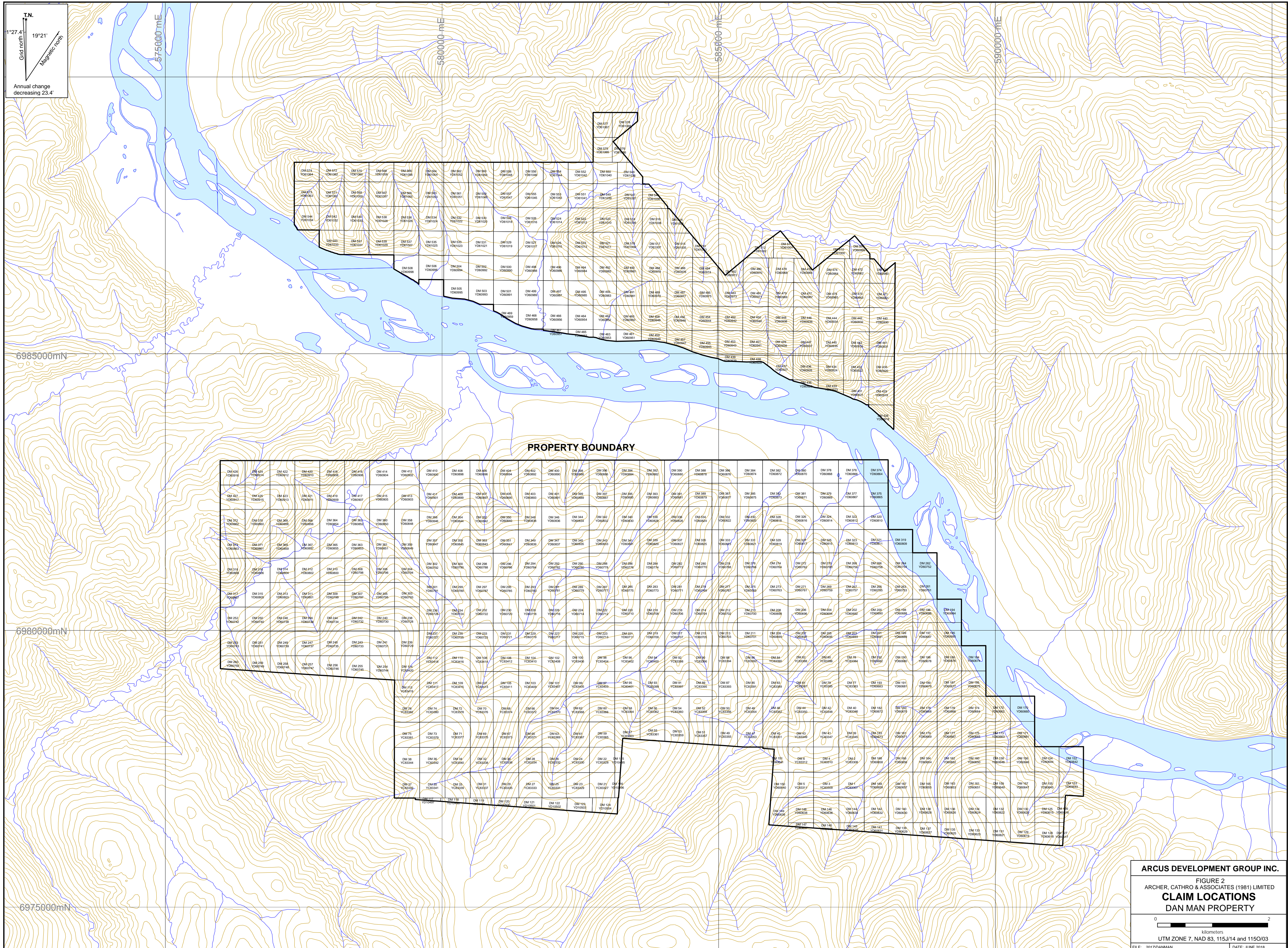
UTM ZONE 7, NAD 83, 115J/08

FILE: ...2017/DANMAN

DATE: JUNE 2018

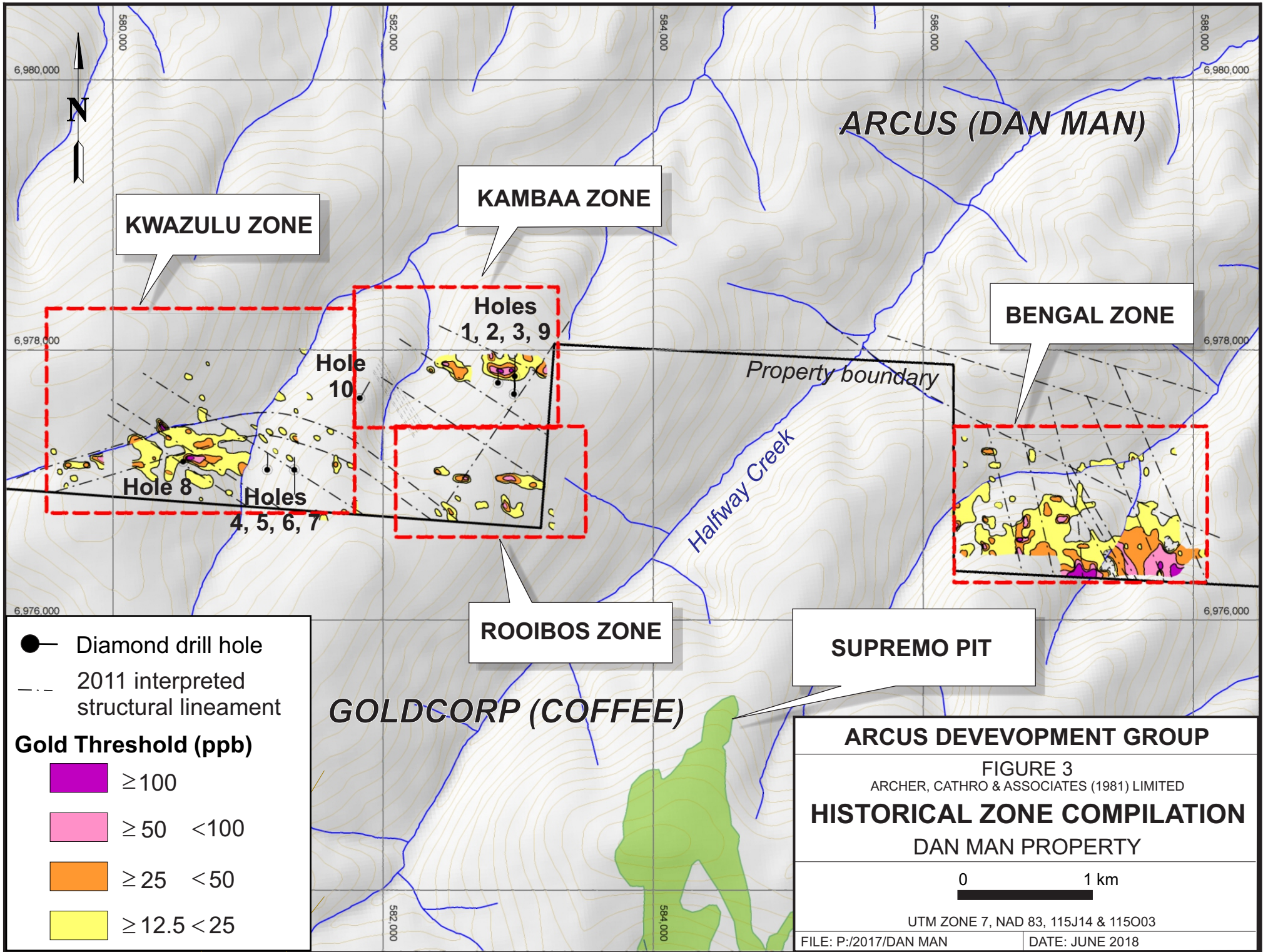
Gold deposit owned by other operators

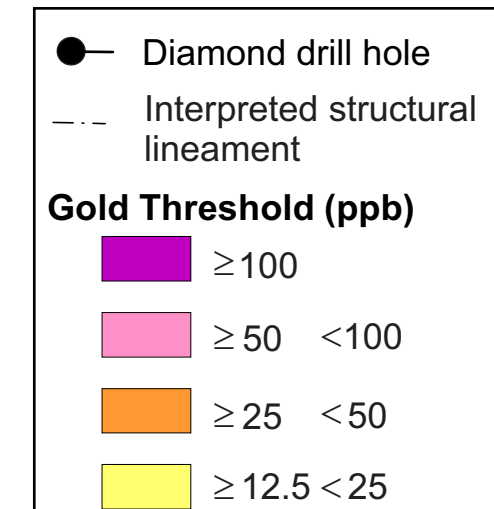
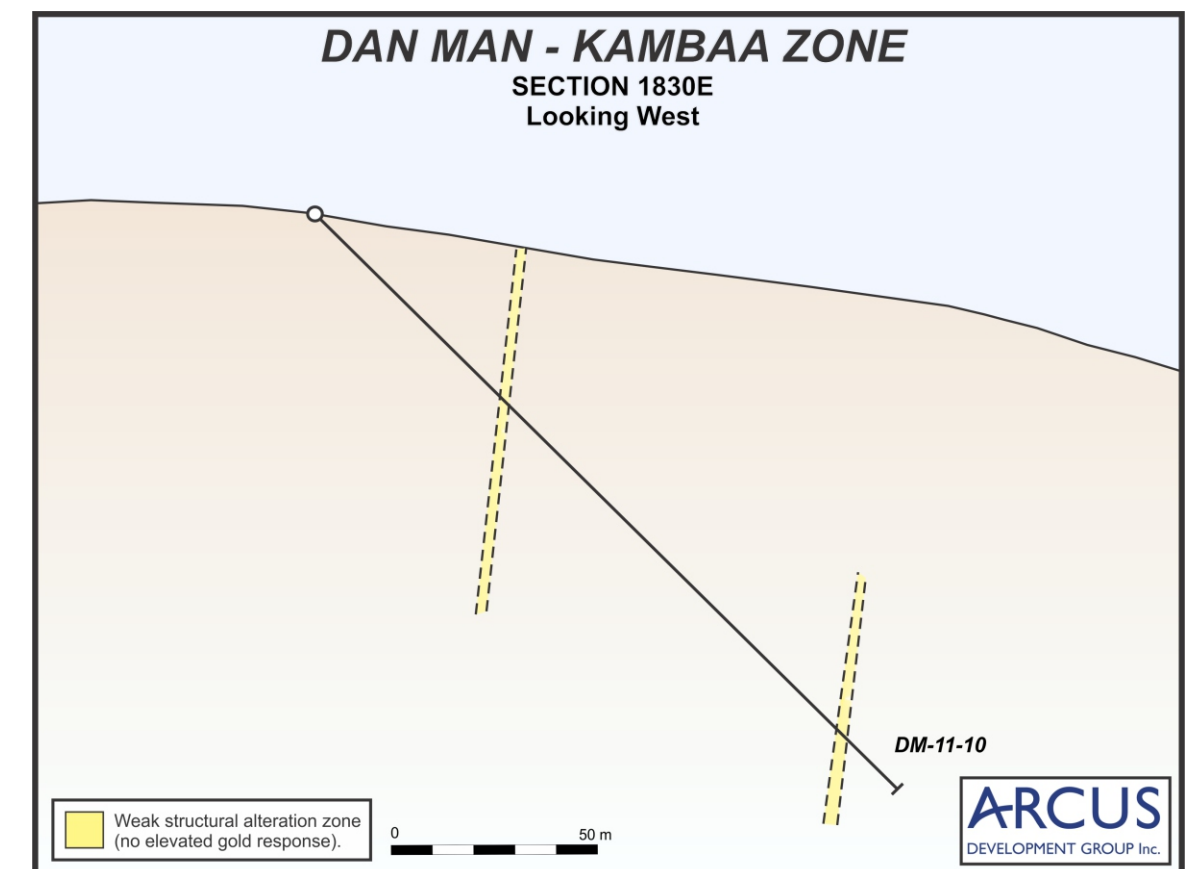
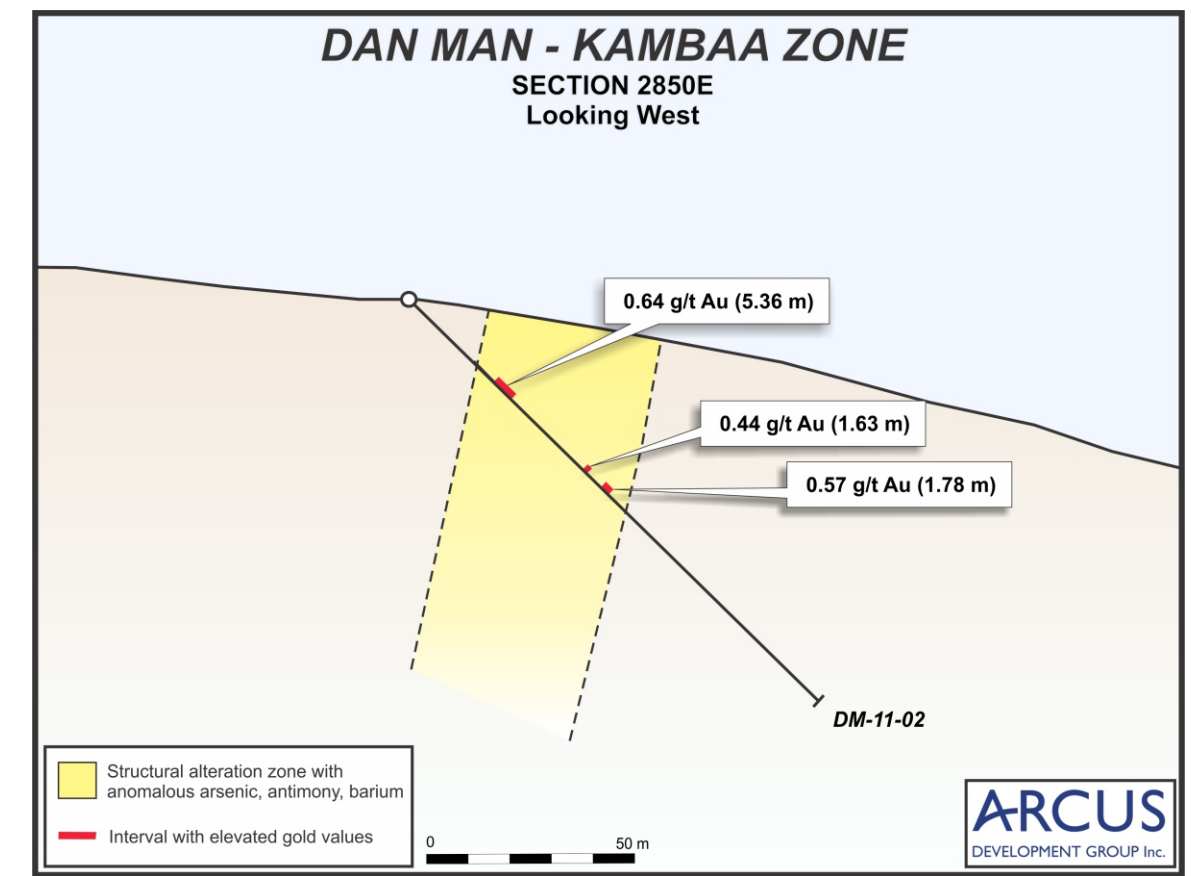
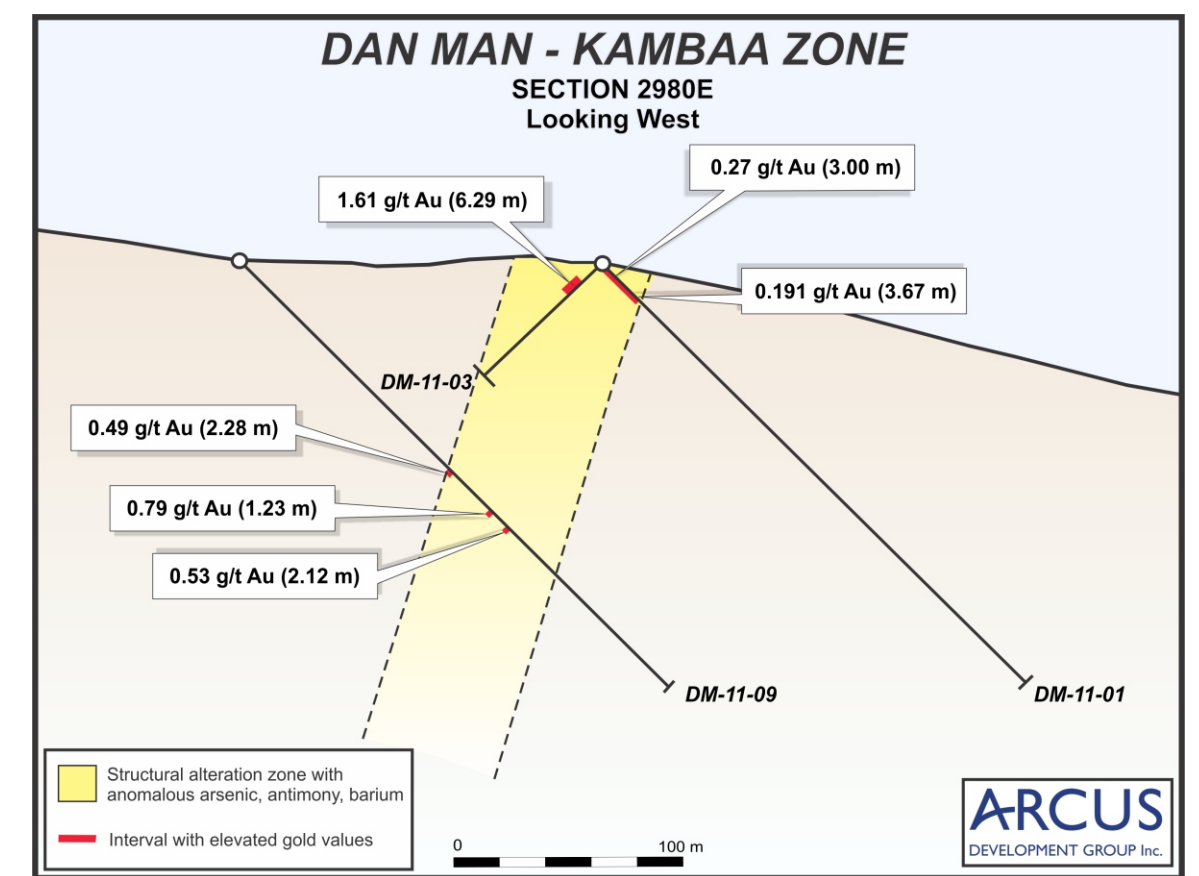
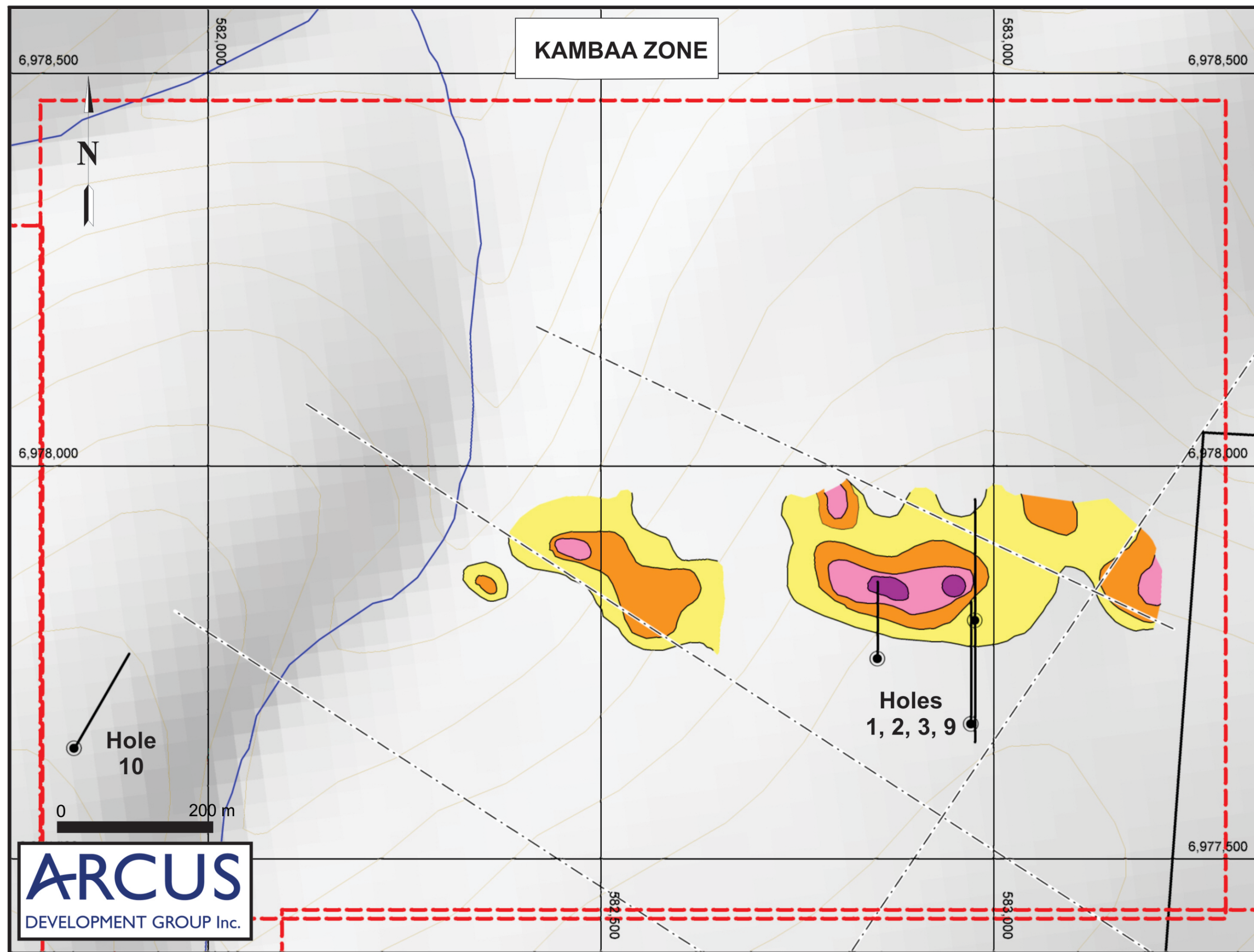




ARCUS DEVELOPMENT GROUP INC.
 FIGURE 2
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATIONS
 DAN MAN PROPERTY

0 2
 Kilometers
 UTM ZONE 7, NAD 83, 115J/14 and 115O/03
 FILE: 2017DANMAN DATE: JUNE 2018





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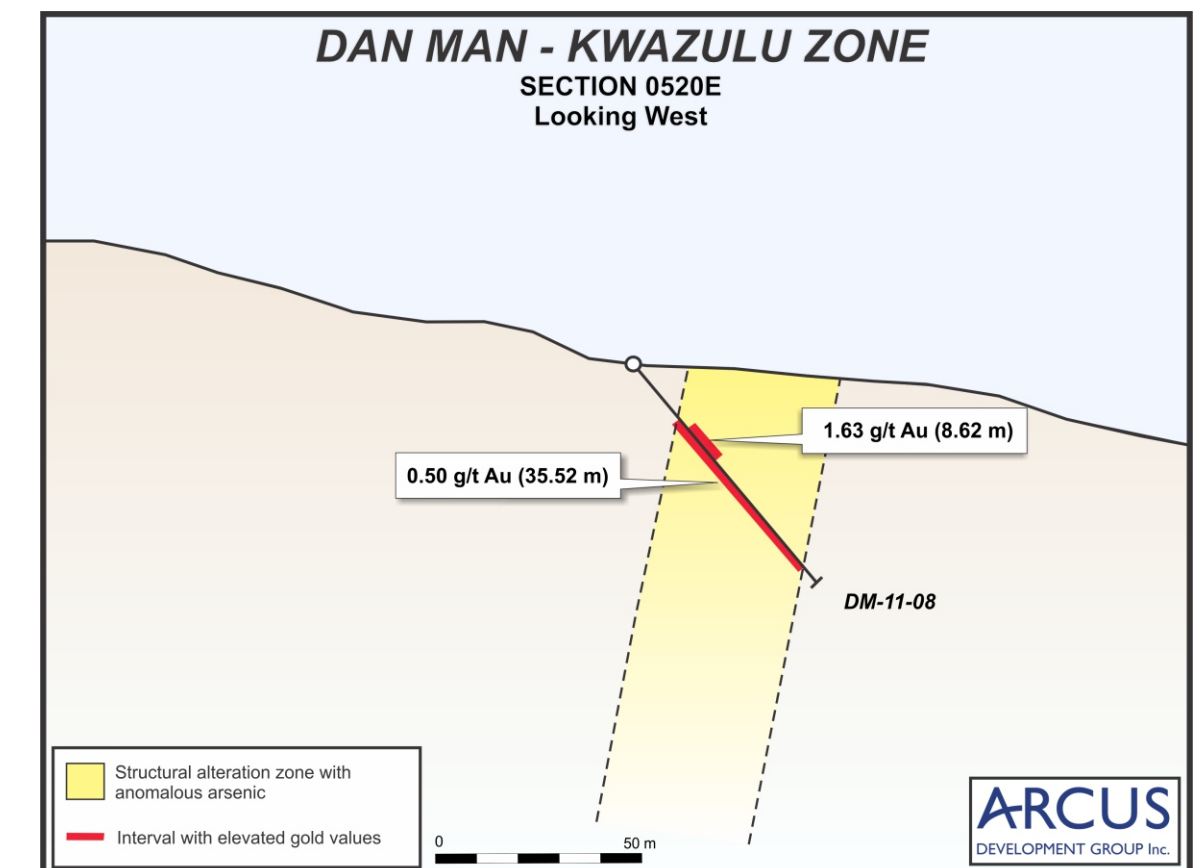
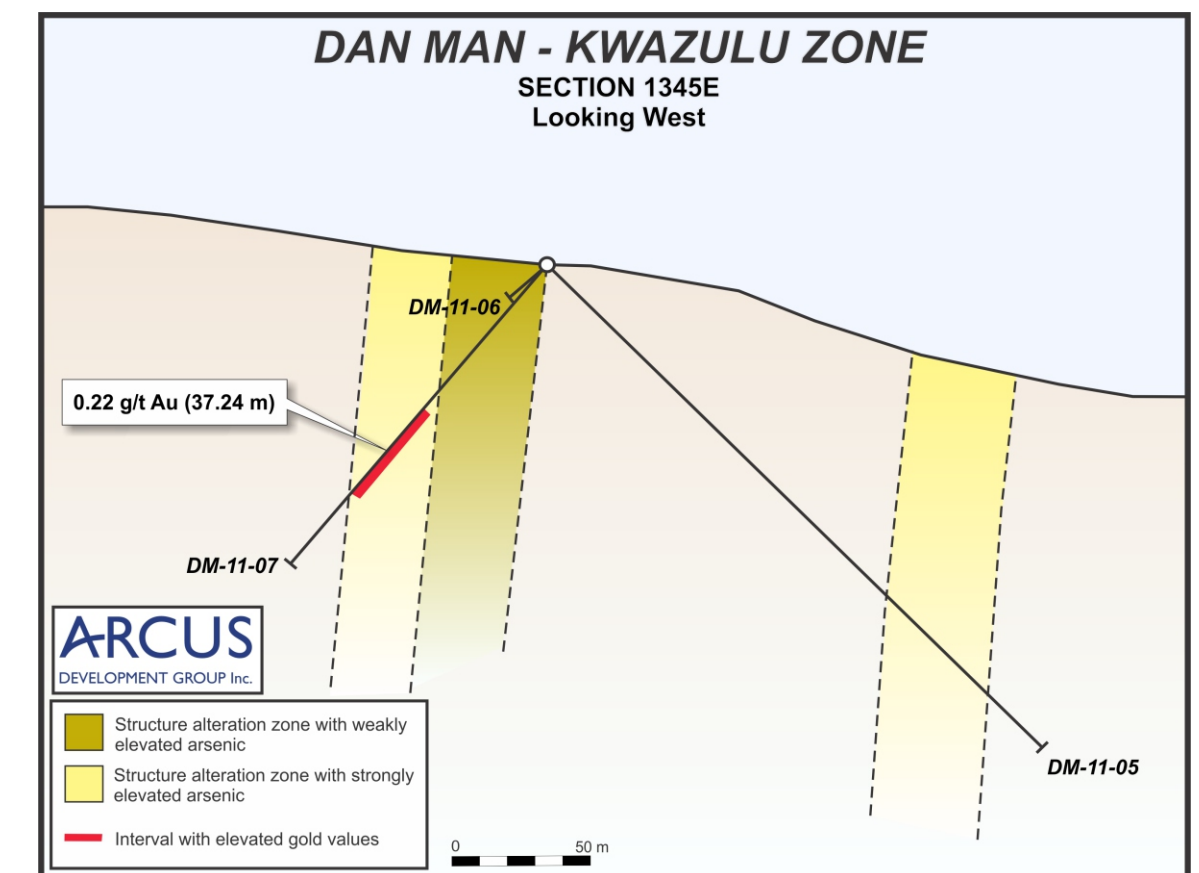
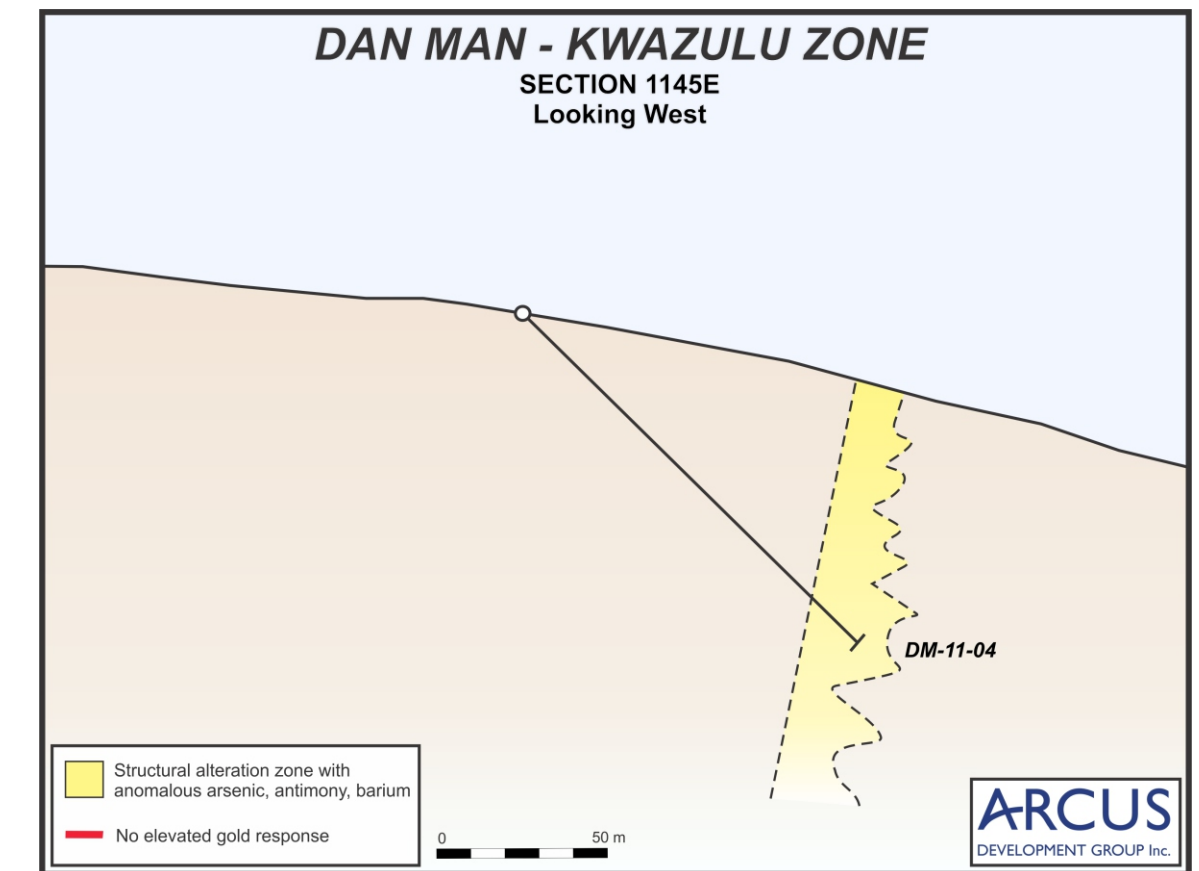
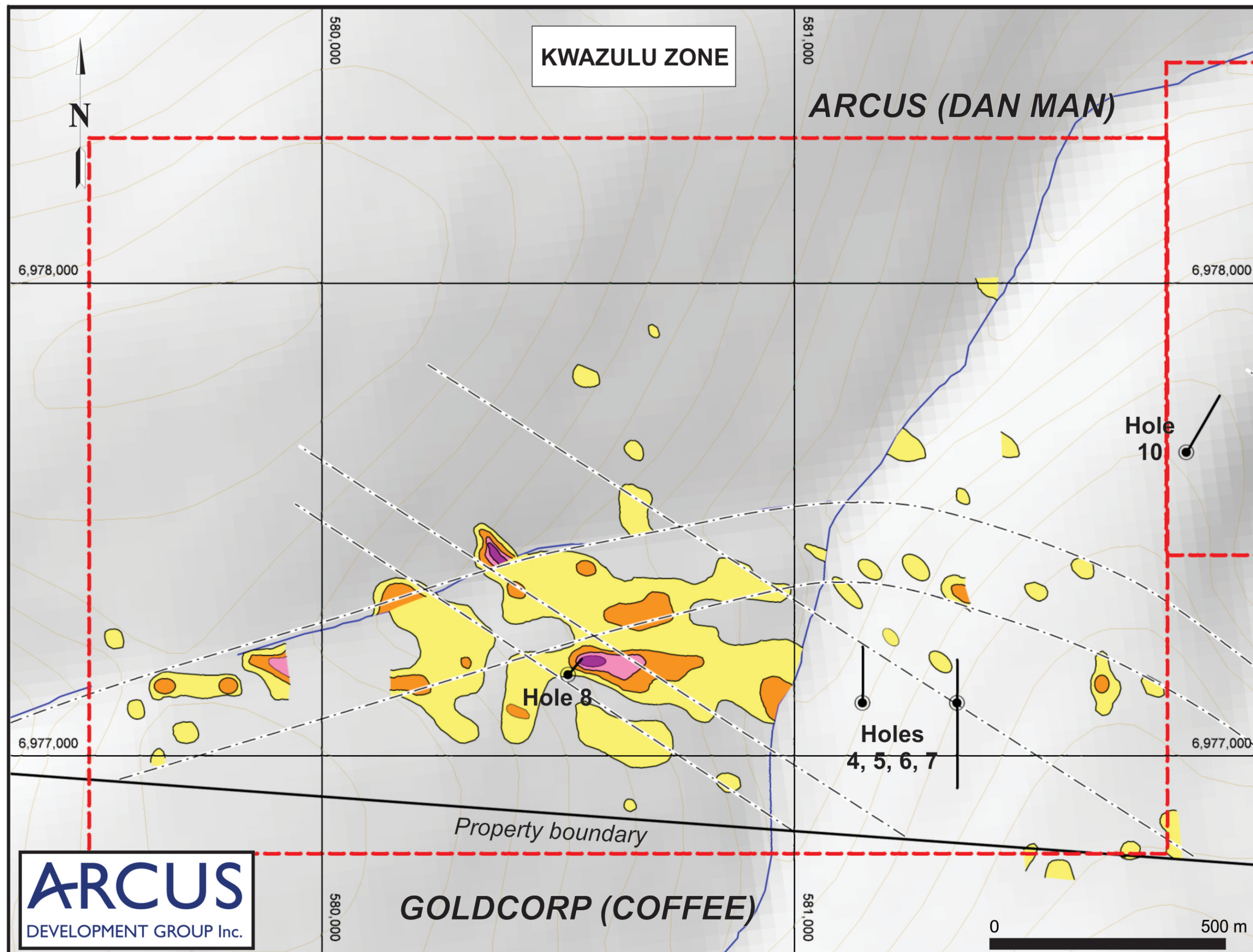
FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KAMBAA COMPILATION

DAN MAN PROPERTY

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- Diamond drill hole
 - - - Interpreted structural lineament
- Gold Threshold (ppb)**
- ≥ 100
 - $\geq 50 < 100$
 - $\geq 25 < 50$
 - $\geq 12.5 < 25$

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FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

KWAZULU COMPILATION

DAN MAN PROPERTY

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FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

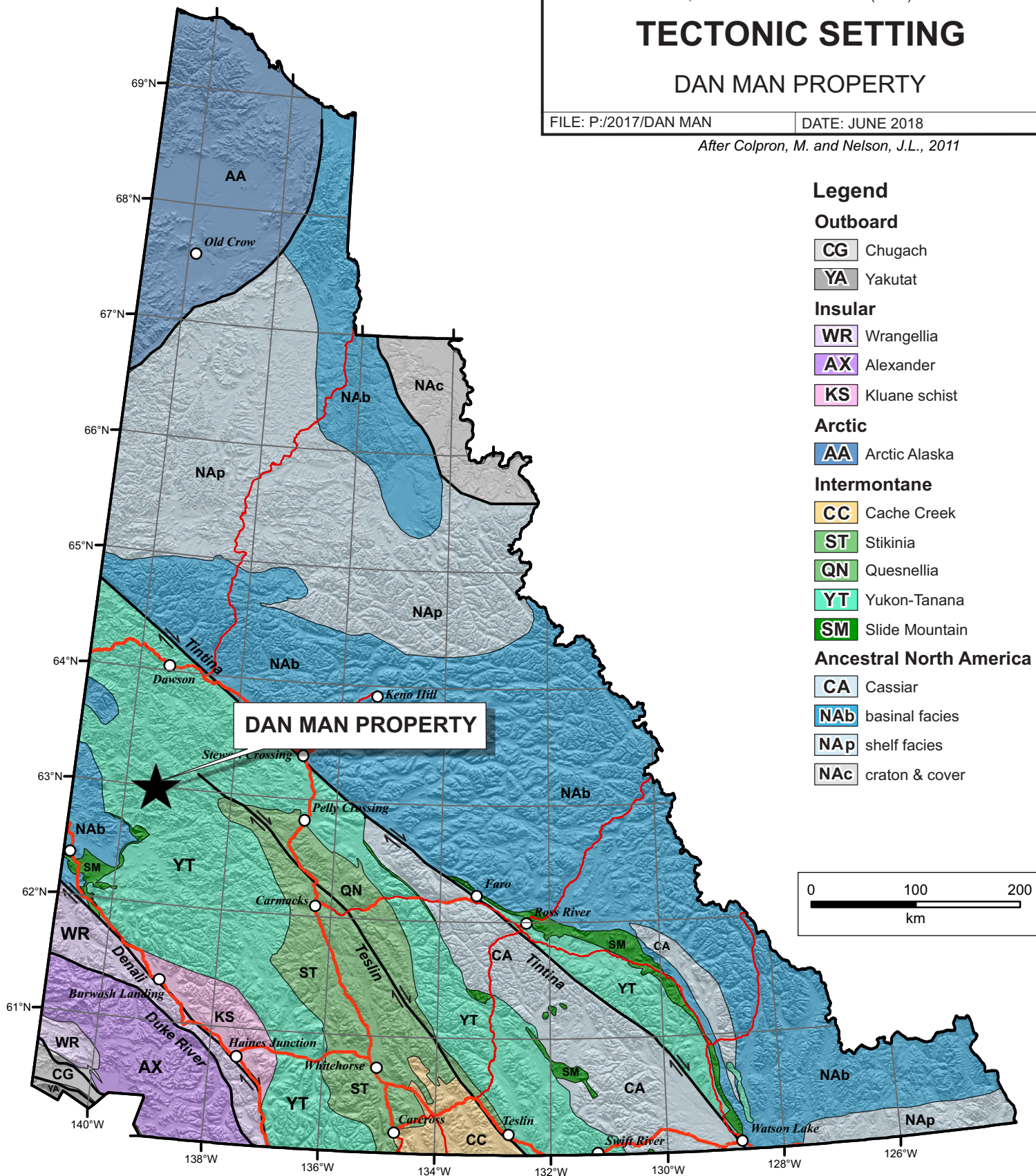
TECTONIC SETTING

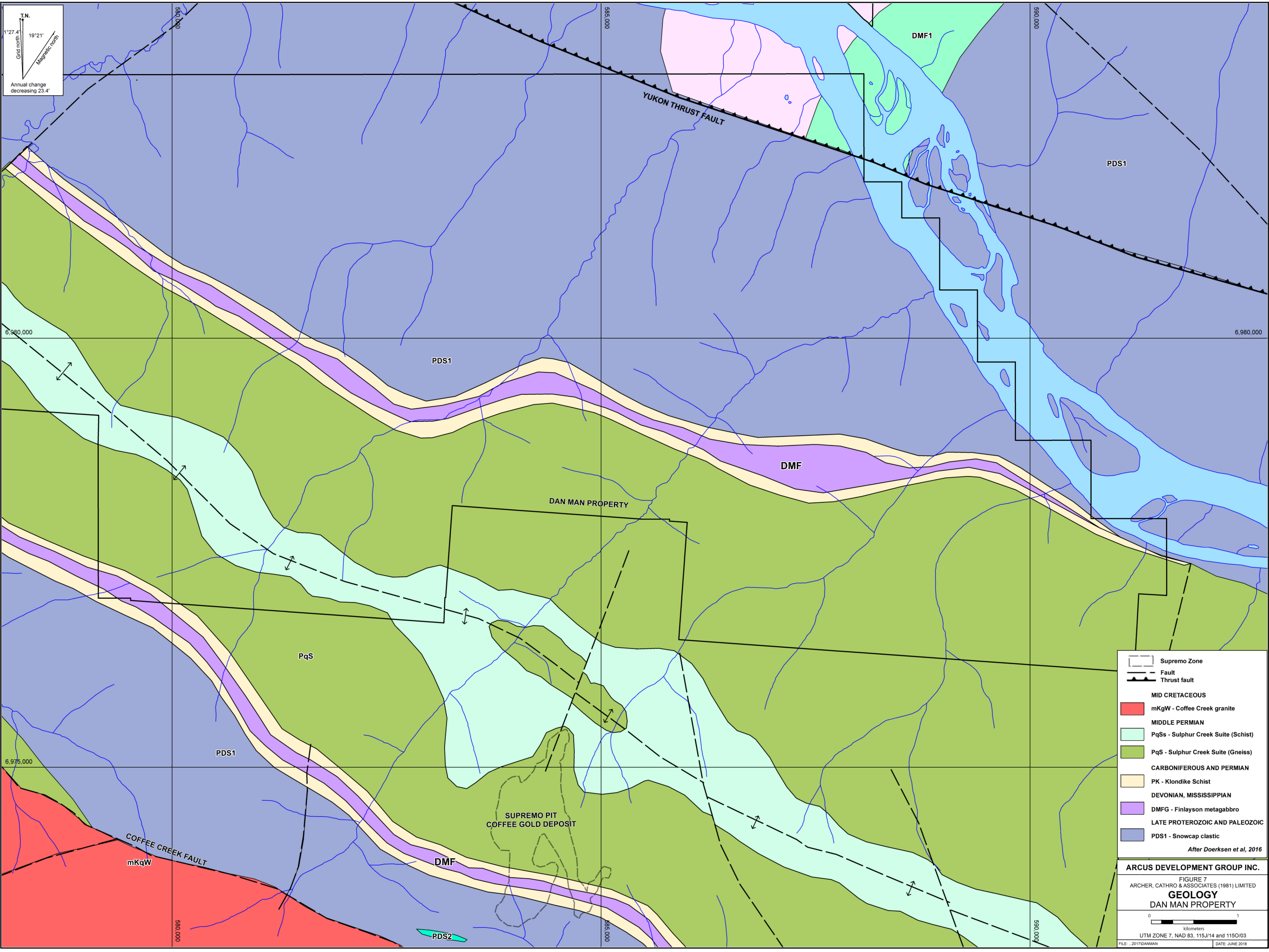
DAN MAN PROPERTY

FILE: P:/2017/DAN MAN

DATE: JUNE 2018

After Colpron, M. and Nelson, J.L., 2011



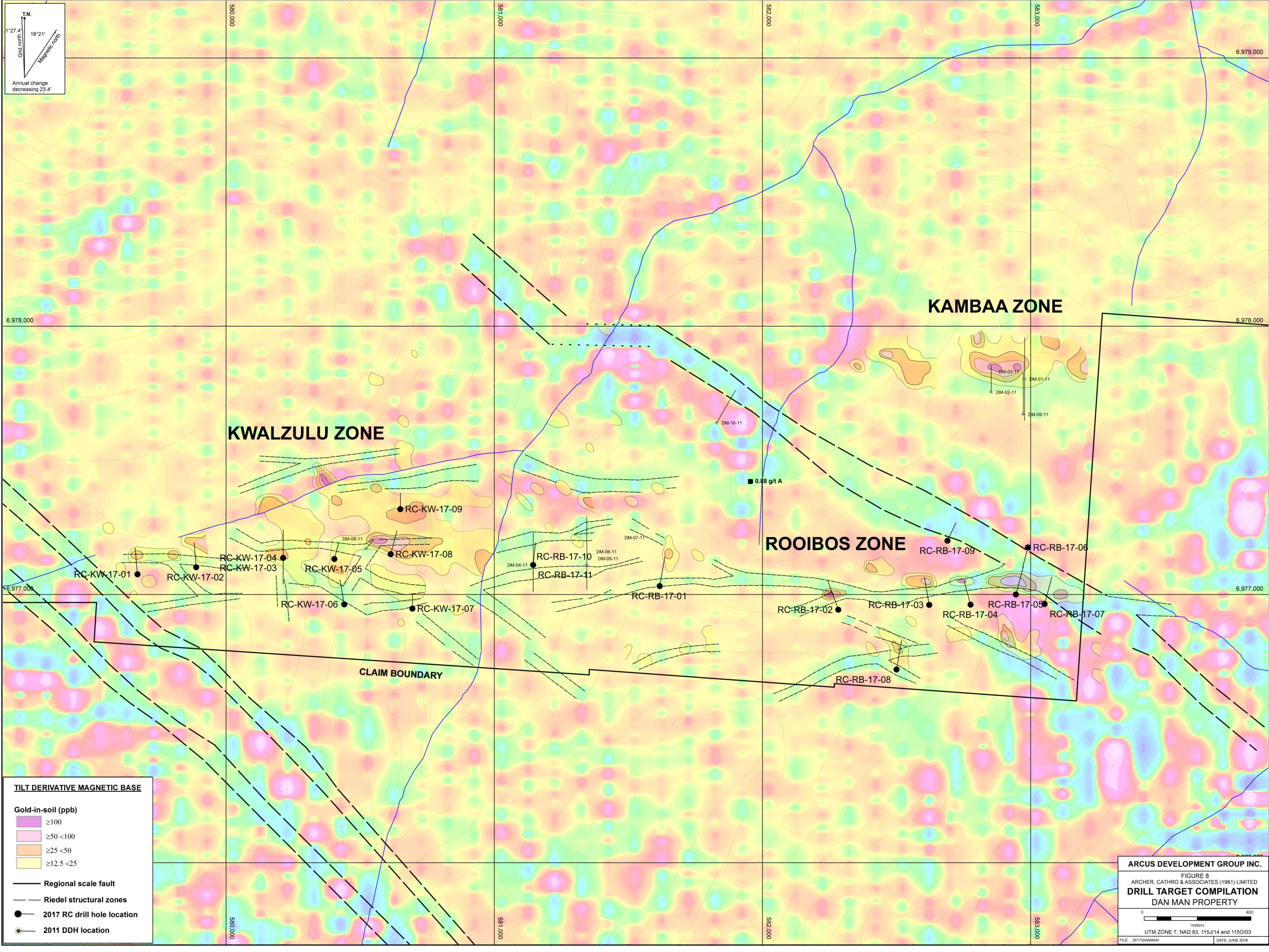


T.N.
 1°27'4" Grid north
 19°21' Magnetic north
 Annual change decreasing 23.4'

- Supremo Zone
 - Fault
 - Thrust fault
 - MID CRETACEOUS**
 - mKgW - Coffee Creek granite
 - MIDDLE PERMIAN**
 - PqSs - Sulphur Creek Suite (Schist)
 - PqS - Sulphur Creek Suite (Gneiss)
 - CARBONIFEROUS AND PERMIAN**
 - PK - Klondike Schist
 - DEVONIAN, MISSISSIPPIAN**
 - DMFG - Finlayson metagabbro
 - LATE PROTEROZOIC AND PALEOZOIC**
 - PDS1 - Snowcap clastic
- After Doerksen et al, 2016*

ARCUS DEVELOPMENT GROUP INC.
 FIGURE 7
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
GEOLOGY
DAN MAN PROPERTY

0 1
 kilometers
 UTM ZONE 7, NAD 83, 115J/14 and 115O/03
 FILE: 2017DANMAN DATE: JUNE 2018



T.N.
 1°27'4" Grid north
 19°21' Magnetic north
 Annual change decreasing 23.4'

KWALZULU ZONE

KAMBAA ZONE

ROOIBOS ZONE

CLAIM BOUNDARY

TILT DERIVATIVE MAGNETIC BASE

Gold-in-soil (ppb)

- ≥100
- ≥50 <100
- ≥25 <50
- ≥12.5 <25

— Regional scale fault
 - - - Riedel structural zones
 ● 2017 RC drill hole location
 ○ 2011 DDH location

ARCUS DEVELOPMENT GROUP INC.
 FIGURE 8
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DRILL TARGET COMPILATION
 DAN MAN PROPERTY

0 400
 meters
 UTM ZONE 7, NAD 83, 115J/14 and 115O/03
 FILE: 2017DANMAN DATE: JUNE 2018