

TECHNICAL REPORT ON THE HERBERT GOLD PROPERTY

JUNEAU DISTRICT, SOUTHEAST ALASKA

Prepared for:



**Grande Portage Resources Ltd.
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Prepared by:

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DRW Geological Consultants Ltd.

July 17, 2024

Effective Date:

July 17 2024

Certificate of Qualifications

I, Dave R. Webb, Ph.D., P.Geol., P.Eng. (Lic 601, NAPEG), hereby certify that:

1) I am a consulting geologist with a business address at 6120 185A St., Surrey, B.C., V3S 7P9

2) I am a graduate of:

1. the University of Toronto (1981) in Geological Engineering. (B.A.Sc. (Engineering))
2. Queen's University (1983) in Geological Sciences. (M.Sc.)
3. The University of Western Ontario (1992) in Geological Sciences. (Ph.D.)

3) I am a registered Professional Geologist in good standing with the Association of Professional Engineers and Geoscientists of the Northwest Territories (NAPEG) (L601) and the Association of Professional Engineers and Geoscientists of the Province of British Columbia (APEGA) (49744) and a registered Professional Engineer in good standing with the Association of Professional Engineers and Geoscientists of the Northwest Territories (NAPEG) (L601).

4) I have worked as a geologist for over 40 years since graduation from university. I have work experience in Canada, the United States of America, Mexico, Asia, Europe and Africa. Specific experience with mineralization and resource estimation in lode gold deposits has been:

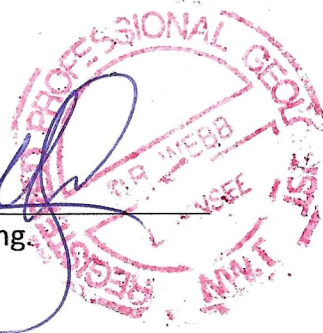
1. From 1981 to 1986 I was employed part-time by Cominco at the Con Mine in Yellowknife (a lode gold deposit) as a research geologist and production geologist. In this capacity I did reconciliation and reserve forecasts (resource estimation).
2. My education (item 2; above) included an M.Sc. on structural and stratigraphic controls on gold mineralization at the Con Mine (an orogenic gold deposit, and a Ph.D. on controls on gold mineralization in Yellowknife (an orogenic gold camp with over 14 million ounces of past production).
3. I staked and vended the Nicholas Lake property and participated in its development to be the largest granite-hosted gold orogenic deposit in the Northwest Territories.
4. I purchased the Mon Property from Cominco Ltd in 1988 and discovered the down-dip extension of the high-grade A-Zone, completed the ore reserves and with financial and operational support, brought the mine into production. It operated profitably for seven years.
5. I staked and vended the Discovery Project, and then lead the team as a director and later as CEO to the discovery and development of the Ormsby Zone.
6. As a consultant, I completed the ore reserve portion of a Feasibility Study (with Cominco Engineering Ltd.) on the orogenic Bumbat Gold Mine in Mongolia.
7. As CEO, I targeted and then developed with my team, the Clan Lake Main Zone, an orogenic gold deposit in the Yellowknife Gold Belt.
8. As owner, I completed a re-evaluation of the past-producing Mon Gold Mine and identified additional potential. I obtained all permits and licenses needed to recommence mining on a limited basis, making this the most recently permitted orogenic gold deposit in the Northwest Territories.

9. I completed a Mineral Resource Estimate for clients on orogenic gold deposits in Tanzania and the USA.
10. I completed earlier Mineral Resource estimates for, and then completed an updated report for Grande Portage on the Herbert Gold Project, the topic of this report.
- 5) I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirement to be a "qualified person" for the purposes of NI 43-101.
- 6) I am responsible for the technical report "TECHNICAL REPORT ON THE HERBERT GOLD PROPERTY" and dated July 15, 2024, prepared for Grande Portage Resources Ltd. (the "Technical Report"). I visited the core shack and property in February 26-28, 2018.
- 7) I was coauthor of a previous technical report on this property in 2013, and authored the previous reports on this property in 2019 and in 2021.
- 8) I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
- 9) I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.
- 10) I consent to the filing of the Technical Report with any stock exchange or other regulatory Authority and any publication by them, including electronic publication in the public company files on their websites accessible to the public, provided that I am given the opportunity to read the written disclose before filed to ensure its authenticity.
- 11) I have read this the document entitled "TECHNICAL REPORT ON THE HERBERT GOLD PROPERTY" and dated July 17, 2024.

Dated this 17th Day of July, 2024

Dr. D.R. Webb, Ph.D., P.Geol. P. Eng.

"signed"



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1 SUMMARY (Item 1)

Grande Portage Resources Ltd. (GPR) has retained DRW Geological Consultants Ltd. to prepare a technical report (the Report) on the Herbert Gold Property (the Property) in accordance with National Instrument 43-101 (NI 43-101) and Form 43-101F. Grande Portage Resources Ltd. is a publicly traded mineral exploration company focused primarily on precious metals in Alaska. This Report is an update on the last report filed in June 2021 and replaces information disclosed in that report. The changes in this Report are the results of the 2021, 2022, and 2023 drilling programs.

The Herbert Gold Property consists of 91 federal mining claims covering approximately 1,881 acres located 32 kilometers north of Juneau, Alaska. The infrastructure is well developed in this area. The Property is 6 km from a paved highway, 10 kilometers from a power line and 10 kilometers from tidewater.

The Property is wholly-owned by GPR. An annual advance royalty payment is payable on the property.

The Property is located within the historic, 160 kilometer long Juneau Mining District (JMD) which hosts over 200 gold-quartz-vein deposits with production nearing 7,000,000 ounces of gold since 1880. More than three-quarters of Alaska's lode gold was mined from the Juneau gold belt. Most of the prospects and mines within the JMD are in close proximity to the Coastal Range Megalineament – a major crustal structure defined by northwest – striking, moderately to steeply dipping, penetrative foliation. This structure is parallel to the boundary between the Gravina Belt to the west and the Taku terrane to the east. Regional metamorphism and deformation, including the Coastal Range Megalineament, are linked to the emplacement of multiple intrusive bodies of varied composition.

Historic production from the Juneau Mining District was mainly from mesothermal quartz veins and stringers hosted by greenschist to amphibolite – facies metasedimentary rocks and relatively competent igneous bodies. Many of the mineralized veins in the Juneau District extend over significant distances along strike and down-dip. The Juneau gold belt has been Alaska's largest lode gold producer, yielding approximately 6.8 million ounces of gold, largely from the Alaska-Juneau and Treadwell mines. The Kensington Mine, owned by Coeur Mining Inc. operates within this belt approximately 45 km north of the Herbert Gold Property.

The empirical relationship between orogeny and gold- vein formation in the Juneau gold belt is well established. A belt of tonalitic plutons intruded approximately 5 km east of the megalineament between 68-61 Ma (Barker et al., 1986; and Wood et al., 1991). Eocene granodiorites intruded 10 km east of the gold belt, and are coeval with the gold mineralization (48 to 55 Ma.) (Miller et al., 1995). The granodiorites are believed to have been the primary source of heat that drove prograde metamorphic reactions devolatilizing rocks of the Wrangelia terrane to produce the gold deposits.

The resource estimation was prepared D.R. Webb P. Geol., P.Eng who is the Qualified Person for this report within the meaning of NI 43-101 and is responsible for all aspects of the Technical Report Quality.

Bulk density for the Herbert Property mineralized rock is 2.757 g/cc (average of 30 mineralized samples).

The results are from a total of 209 diamond drill holes, 38 trenches with sawn channel cuts or continuous chip samples on the Herbert Property. Five thousand one hundred forty-two (5,142) ICP gold assays, 130 gold assays

with gravimetric finish, 1,144 screened metallic gold assays comprised the digital database for this study. This resource estimate is updated from the Mineral Resource reported in 2019. Several exploratory drill holes also encountered other targets. Utilizing a base case cut-off of 2.5 gpt, the nine veins on the property host an Indicated Mineral Resource of 4,726,000 tonnes at a grade of 9.47 gpt (1,438,500 ounces of gold and 891,600 ounces of silver at 5.86 gpt) and an Inferred Mineral Resource of 1,813,000 tonnes at a grade of 8.58 gpt (515,700 ounces of gold and 390,600 ounces of silver at 6.70 gpt) using a 181 gpt top cut.

In Table 1 and Table 2 mineral resources are highlighted above a 2.5 gpt cut off, assuming an average gold price of \$1,800 per ounce. This cut-off reflects the potential economic, marketing and other issues relevant to an underground shrinkage stope mining scenario based on a conventional mill operation.

Table 1. Sensitivity Table showing Indicated Mineral Resource by cut-off with 181 gpt cap.

Cut-off	Tonnes	Grade Au gpt	Grade Ag gpt	Ounces Au	Ounces Ag
3.0 gpt	3,931,000	10.83	6.60	1,368,400	834,600
2.5 gpt	4,726,000	9.47	5.86	1,438,500	891,000
2.0 gpt	5,654,000	8.28	5.21	1,505,500	946,900

Table 2. Sensitivity Table showing Inferred Mineral Resource by cut-off with 181 gpt cap.

Cut-off	Tonnes	Grade Au	Grade Ag	Ounces Au	Ounces Ag
3.0 gpt	1,562,000	9.82	7.34	493,300	368,400
2.5 gpt	1,813,000	8.58	6.70	515,700	390,600
2.0 gpt	2,383,000	7.26	5.59	556,400	428,300

Metallic or screened assays were used in all instances where they were available (1,144 samples). All other assays are standard one assay ton results reported using ICP finish or where over limit (>10 gpt) are reported using gravimetric finish. All unsampled drill hole intervals were assigned -9 grade to facilitate resource calculations.

A series of cross sections were developed for each of nine different zones where correlations in gold assays, alteration zones, and multi-element data appear to exist down-dip on section and between sections. These correlations were corrected and modified as supported by surface mapping and geology.

MapInfo's 3D solid generation routine was used to construct three dimensional models from the sections. These were examined to conform to geology and all analytical data and adjusted where necessary.

Some areas of the Main Vein provided multiple options for correlations that were permissive by geology and sample geochemistry. The correlation that best matched surface geology was selected. The Deep Trench vein was remarkable in the simplicity and consistency of a very planar orientation of the correlations.

Block model parameters are based on geostatistical applications. Based on numerous iterations, it was decided that the Inverse Distance Squared (ID²) method was appropriate. It was determined that a block model using tabular-shaped blocks 1.5m thick, and 8m x 8m rotated into the plane of the vein provided suitable detail without creating an unnecessarily large database. This was applied to all veins. The raw and composited assay data for the veins display a single population or a dominant population with <1% secondary populations on the lognormal probability plots. These can be modeled smoothly without any obvious outliers that can over-

influence the estimation and to account for the nugget effect. Statistical studies showed that capping could be supported a 181 gpt gold. This was applied to the two veins affected. The resource remains open in multiple directions along these defined veins.

The long axis of the blocks are aligned with the strike of the structural domain, and the shorter dimension is aligned perpendicular to the strike and dip direction. Interpolation parameters are defined based on a combination of geology, drill hole spacing and geostatistical analysis of the data. Individual structural zones, interpreted in the various deposit areas, are segregated for modeling purposes and isotropic search orientations are utilized which retain vein geometry of the gold mineralization in the resource model.

A graphical validation was done on the block model where cross sections, plans, and a 3D examination were conducted, testing intersections, solids and surface boundaries, and geology. Each block appears to be well represented by the immediately adjoining composites as would be expected using the ID² method. A minimum of 2 and maximum of 8 composites were used to create each block. Meaningful variograms could not be generated, likely due to a paucity of data points within individual veins.

The resources are classified according to their proximity to the sample locations and are reported, as required by NI 43-101, according to the CIM Definition Standards for Mineral Resources and Mineral Reserves. Indicated resources comprise blocks that are situated within 60 meters of assays derived from drill holes or trenches. Inferred resources include all blocks >60m and <100m. No Measured Resource was determined at this time.

2 INTRODUCTION (Item 2)

2.1 Terms of Reference and Purpose of the Report

This technical report was commissioned by Mr. Ian Klassen, President, Grande Portage Resources Ltd. (GPG) to update a mineral resource for the Herbert Property in Southeast Alaska. The new mineral resource estimate described in this report was prepared in accordance the with Canada National Instrument 43-101, Standards of Disclosure for Mineral Projects (NI 43-101) and Canadian Institute of Mining, Metallurgy and Petroleum (CIM) "Best Practices and Reporting Guidelines,

This report makes use of all relevant information provided by GPG and other information gathered by the author. The purpose of this report is to summarize and present applicable information regarding GPG's Herbert Gold Project and provide an estimate of mineral resources contained within the property. The mandate also called for the author to recommend specific areas and methodologies (if warranted) for further exploration. The identification of these areas would be based on their observations and interpretations.

This report has been prepared to support public disclosure of the updated mineral resources and, as such, does not include information normally disclosed in items 15 through 22 of NI 43-101F1. The intended users of this report are GPG and its agents, as well as members of the general public via their company website or the SEDAR information filing system. SEDAR is the official site for public access to most securities documents and information filed with the Canadian Securities Administrator by public companies and investment funds.

2.2 Qualifications of Consultant

The author is familiar with the exploration techniques being applied by GPG on the Herbert Gold Property having been involved in previous technical reports for this property. The author has participated in the Resource Estimation of other orogenic gold projects (see Certificate of Qualifications).

Dr. David Webb P.Geol., P.Eng. is a Qualified Person as described by NI 43-101. Dr. Webb completed all sections in this report.

2.3 Details of Site Inspection

Dr. Webb visited the Herbert Property from February 26 to 28, 2018 and conducted a low-level helicopter overflight (high snow pack at this time of year) seeing the general physical environment and observing two quartz veins with alteration and visited the Goat Vein and environment. A second visit in July 31 to August 3 2021 allowed sampled to be collected and mineralization observed in the field and in diamond drill core. Selected core was reviewed and the sampling methods and security protocols were observed.

2.4 Effective Date

Data used for the resource estimate were taken from drilling at the Herbert Property through October 2023. GPG provided a drill hole database update with the results of the 2023 exploration activities which were added to the database of previous results in the author's possession. The effective date of this report is July 17, 2024.

2.5 Sources of Information

This report is based upon data and information compiled by the author from a personal site inspection, published geological assessments and maps, raw data and technical reports by geologists and/or engineers (some independent and some in the employ of GPG). These sources of information are presented throughout this report. The Author has no reason to doubt the reliability of the information provided by GPG.

A rock sample was collected by the author and analyzed by Bureau Veritas Laboratories in Vancouver. The analyses were consistent with previous analytical results for the sample location.

2.6 Units of Measure

Unless otherwise stated, all measurements reported in this report are in metric units and currencies are expressed in 2024 US dollars.

3 RELIANCE ON OTHER EXPERTS (Item 3)

This report is based upon personal examination by the Author of all available reports and maps on the Herbert property, as well the site examinations carried out on February 2018 and August 2021 to appraise the geological setting and assess its precious metal potential.

The qualified person is not relying on any other experts for technical information material to this report. The Author is not aware of any material fact or material change with respect to the subject matter of this technical report that is not presented in this report, which the omission to disclose would make this report misleading.

All information regarding property ownership and permitting available on the Alaska Government Website is consistent with GPG's records. The author has not made any attempt to verify the legal status and ownership agreements of the Herbert Property, nor are they qualified to do so and have not made any attempt to verify the permitting status of the property. The author has relied upon the Alaska Government Website for information on the status of property title, agreements, permit status and other pertinent conditions.

The author conducted an on-line search of the Herbert Property status by utilizing the Alaska Mapper Program. (<http://dnr.alaska.gov/mapper/controller?gsid=AC1E2337E2485E92A31339115284C31D.tomcat-90>) results of this search are presented in Item 4. Political, financial or other similar issues are all deemed to be outside the scope of this report for a property at this level of development.

4 PROPERTY LOCATION AND DESCRIPTION (Item 4)

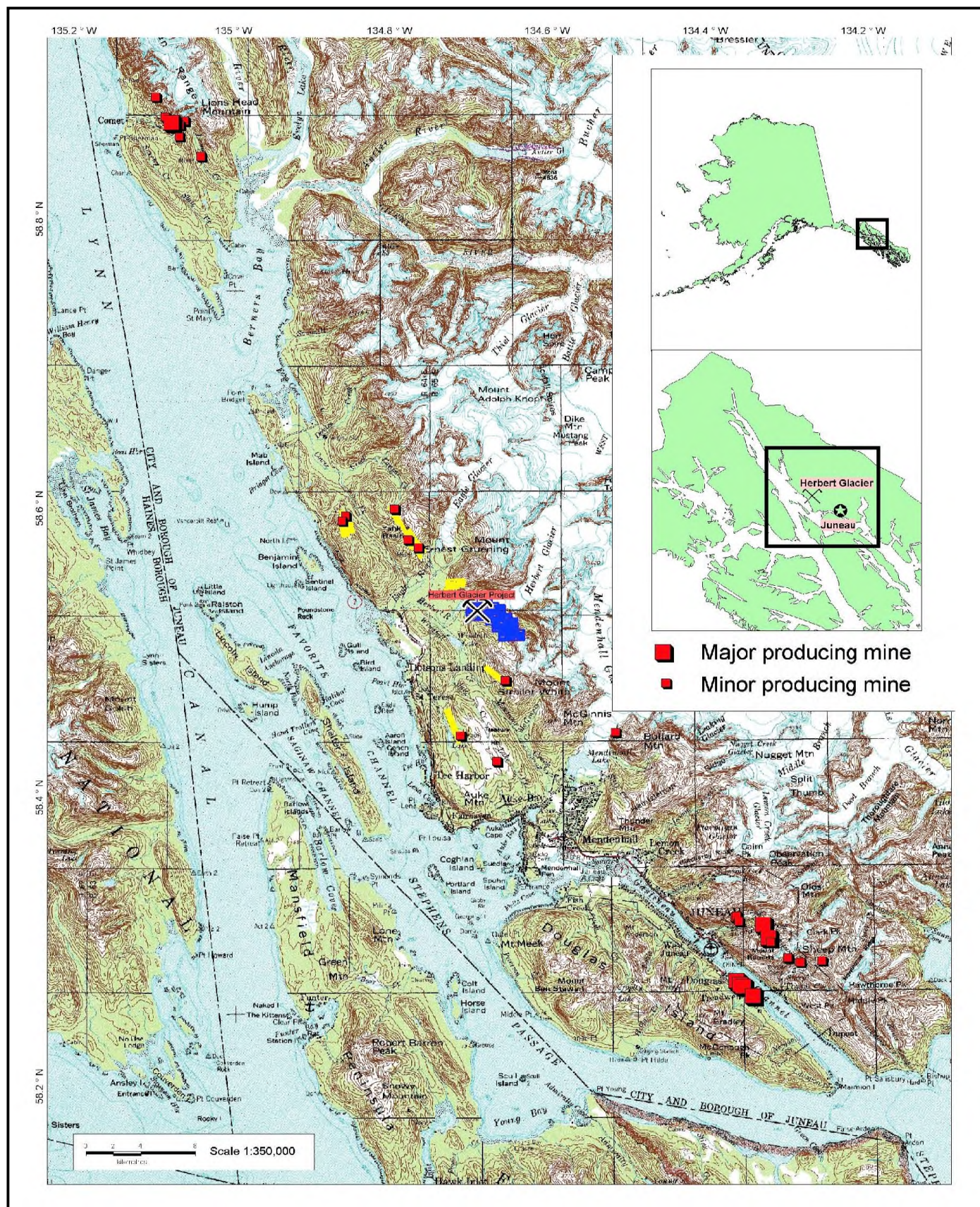
4.1 Area and Location

The Herbert Property is situated in UTM Zone 8 between 516,600m and 521,000 East, 6,485,200m and 6,488,700m North (NAD 83 Alaska) in southeastern Alaska approximately 32 kilometers north of Juneau (Fig. 1). The project lies entirely within the Juneau 1:250,000 map sheet, and within the Juneau C-3 and C-2 1:63,000 quadrangles.

Elevations on the property range from 40m to 1,200m above mean sea level. The property comprises 91 Federal claims registered under the legal names listed in Table 1. The aggregate area of the claims is 761.5 hectares (1881 acres). The claims are situated within Townships 38 and 39S and Range 65E of the Copper River Meridian.

Annual fees of USD\$16,000 are payable to the Alaska Bureau of Lands for claim fees. This amount has been paid in full and good standing to September 2025. GPG intends to pay these fees in the coming years.

4.2 Claims and Agreements



4.3 Claims and Ownership

The Herbert Gold Property consists of three groups of claims. Figure 2 lists the currently active claims at the effective date. The central 17 claims were the original claims acquired by Juneau Exploration and Development Inc. (“JEDI”) from Echo Bay Exploration Inc. in 1997. Quaterra Resources Ltd. (QR) and JEDI signed a mining lease agreement in April 2007, at which time 67 additional claims were staked and an area of interest around the 17 core claims agreed upon. A set of 7 claims were added by QR in February 2008, and GPG added 10 claims in August 2022 by staking bringing the current total to 101 active claims. There is no distinction between the claims within the agreements and all claims lie within the proscribed area of interest.

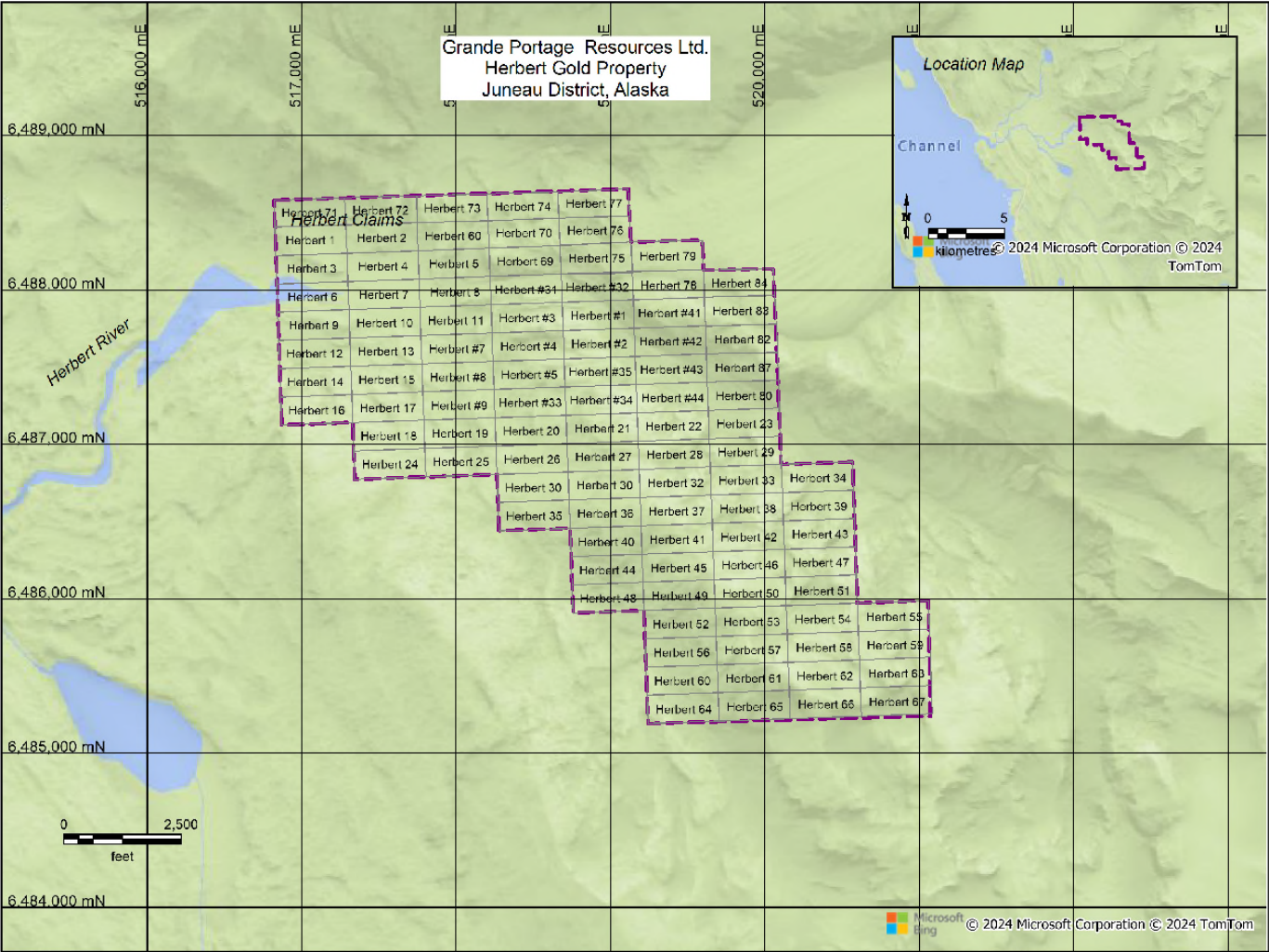


Figure 2. Herbert Property Claim Map

Table 3. Herbert Property Claim Status (May 15, 2024)

Claim Name	Claim Number	Claimant	Refresh Date	Status
HERBERT # 1	AKAA 059363	JUNEAU EXPLORATION AND DEVELOPMENT INC	02/04/2024	RECORDED
HERBERT # 2	AKAA 059364	JUNEAU EXPLORATION AND DEVELOPMENT INC	02/04/2024	RECORDED
HERBERT # 3	AKAA 059365	JUNEAU EXPLORATION AND DEVELOPMENT INC	02/04/2024	RECORDED

HERBERT # 4	AKAA 059366	JUNEAU EXPLORATION AND DEVELOPMENT INC	02/04/2024	RECORDED
HERBERT # 5	AKAA 059367	JUNEAU EXPLORATION AND DEVELOPMENT INC	02/04/2024	RECORDED
HERBERT # 7	AKAA 059369	JUNEAU EXPLORATION AND DEVELOPMENT INC	02/04/2024	RECORDED
HERBERT # 8	AKAA 059370	JUNEAU EXPLORATION AND DEVELOPMENT INC	02/04/2024	RECORDED
HERBERT # 9	AKAA 059371	JUNEAU EXPLORATION AND DEVELOPMENT INC	02/04/2024	RECORDED
HERBERT # 21 WITNESS	AKAA 059383	JUNEAU EXPLORATION AND DEVELOPMENT INC	02/04/2024	RECORDED
HERBERT # 32	AKAA 059394	JUNEAU EXPLORATION AND DEVELOPMENT INC	02/04/2024	RECORDED
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HERBERT #35	AKAA 059983	JUNEAU EXPLORATION AND DEVELOPMENT INC	02/04/2024	RECORDED
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HERBERT 4	AKAA 087168	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED
HERBERT 5	AKAA 087169	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED
HERBERT 6	AKAA 087170	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED
HERBERT 7	AKAA 087171	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED
HERBERT 8	AKAA 087172	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED
HERBERT 9	AKAA 087173	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED
HERBERT 10	AKAA 087174	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED
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HERBERT 29	AKAA 087193	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED
HERBERT 30	AKAA 087194	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED
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HERBERT 80	AKAA 098709	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED
HERBERT 81	AKAA 098710	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED
HERBERT 82	AKAA 098711	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED
HERBERT 83	AKAA 098712	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED
HERBERT 84	AKAA 098713	GPG ALASKA RESOURCES INC	02/04/2024	RECORDED

The original 17 claims by Echo Bay makes no mention of an underlying royalty interest in these claims and they were sold unencumbered by JEDI.

The Mining Lease signed by JEDI and QR has an effective date of November 1, 2007. The lease includes a sliding scale Net Smelter Return on production up to five percent (5%) when the price of gold exceeds \$601 per troy ounce, and a minimum annual advance production royalty of up to a maximum of \$30,000 payable to a JEDI after the tenth anniversary of the effective date.

On June 16, 2010 GPG optioned the property from a QR. The option agreement granted the right to earn 65% of the Herbert Property if:

- GPR spent at least \$750,000 before June 15, 2011 to earn 51%
- GPR spent and additional \$500,000 before June 15, 2012 to earn the full 65% interest

GPR has fulfilled both of these obligations and is fully vested at the 65% ownership interest.

On October 24, 2011 GPR and the QR signed a Joint Venture Agreement outlining the collective responsibilities between the JV participants. Funding is on a pro-rata basis, with standard dilution applying in the event either partner declines to participate.

On July 14, 2016 GPG announced an Acquisition Agreement had been signed whereby the Company issued to QR 1,182,331 common shares and pay QR the sum of US\$250,000 upon either: (a) delivery of a feasibility report establishing that the Property can be profitably placed into commercial production, or (b) the change of control of the Company or the sale of the Property. The Acquisition Agreement also includes anti-dilution provisions, whereby QR will be issued additional common shares for no additional consideration, upon the Company's completion of equity financings to raise up to the next \$1.0 million only, so that QR's equity interest in the Company will not be less than 9% of the then total issued common shares on a non-diluted basis. Finally, QR had been granted a right to participate in any future equity financings of the Company over the next \$1.0 million, in order to maintain its equity interest in the Company at its then current equity interest in the Company on a non-diluted basis. This right has expired.

4.4 Environmental Liabilities

There are no known environmental liabilities associated with this property.

4.5 Other Significant Risks and Factors

The author knows of no other significant risks or factors that may affect title, access or the right or ability to perform work on the Herbert Property.

4.6 Permits

The property is entirely on Federal lands administered by the U.S. Forest Service. The area has a land use designation as semi-remote recreation with a minerals overlay. Forest lands within this designation are open to minerals exploration and development, and guidelines allow reasonable access according to the provisions of an approved Plan of Operations. Exploration on the property has proceeded under approved Plan of Operations since 2009; although at present the project likely will be impacted by the *Sequoia Forestkeeper v. Tidwell* lawsuit requiring all permits nationwide to undergo NEPA review including public notice, comment, and administrative

appeals provisions. At the effective date of this report, the 2021 U.S. Forest Service Plan of Operations has been approved.

A baseline water sampling program by Admiralty Environmental started at the project site in 2012, concluding 2014. The purpose of the program was to assess baseline water quality at the Herbert project site prior to any major operations taking place. Admiralty Environmental, in consultation with some of the resource management agencies that would be part of the future permitting process, had selected ten surface sampling sites both above and below the proposed mining area. These locations have been analyzed for a wide range of materials including trace metals, solids, mineral content, cyanide and explosion residues such as nitrate and ammonia. Additional sampling in 2012 included groundwater sampling locations. The government agencies will eventually use the data collected to draft permits and establish monitoring regimes based on potential environmental impacts to the site.

A City/Borough of Juneau exploration permit had been submitted has been approved as of the date of this report.

5 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPY (Item 5)

Note: Much of this material is excerpted from Van Wyck and Burnett, 2012 Technical Report on the Herbert Property.

The Herbert Property is located within the Juneau Recording District, approximately 32 km northwest of Juneau, Alaska – along the eastern shore of Lynn Canal (**Error! Reference source not found.**). Juneau is not directly accessible by road, although there are road connections to several areas immediately adjacent to the city. Primary access to the city is by air and sea. Cars and trucks are transported to and from Juneau by barge or the Alaska Marine Highway ferry system. There are also several taxicab companies, and tour buses used mainly for cruise ship visitors.

The City and Borough of Juneau is a unified municipality located on the Gastineau Channel in the panhandle of the U.S. state of Alaska and the 2nd largest city in the United States by area. It has been the capital of Alaska since 1906, when the government of the then-District of Alaska was moved from Sitka as dictated by the U.S. Congress in 1900. Juneau International Airport serves the city and borough of Juneau. Delta Airlines and Alaska Airlines are commercial jet passenger operators servicing Juneau. Seattle is a common destination for Juneau residents. Wings of Alaska, Alaska Seaplanes, and Air Excursions offer scheduled flights on smaller aircraft to villages in Southeast Alaska. Some air carriers provide U.S. mail service.

Juneau is a regional mining center supporting active mining operations at Greens Creek and Kensington. It is well provided with qualified support personnel. Other nearby communities including Haines and Skagway add to the potential employment base.

Access to the property is currently by helicopter from Juneau but the main public paved highway (Glacier Highway or Route 7) from Juneau to Berners Bay passes 5.5 km west of the property where it crosses the Herbert

River. Physiographically, there is no obvious impediment for road access from the highway to the property along a route following the Herbert River. The most likely hurdle for direct access to the property from the public

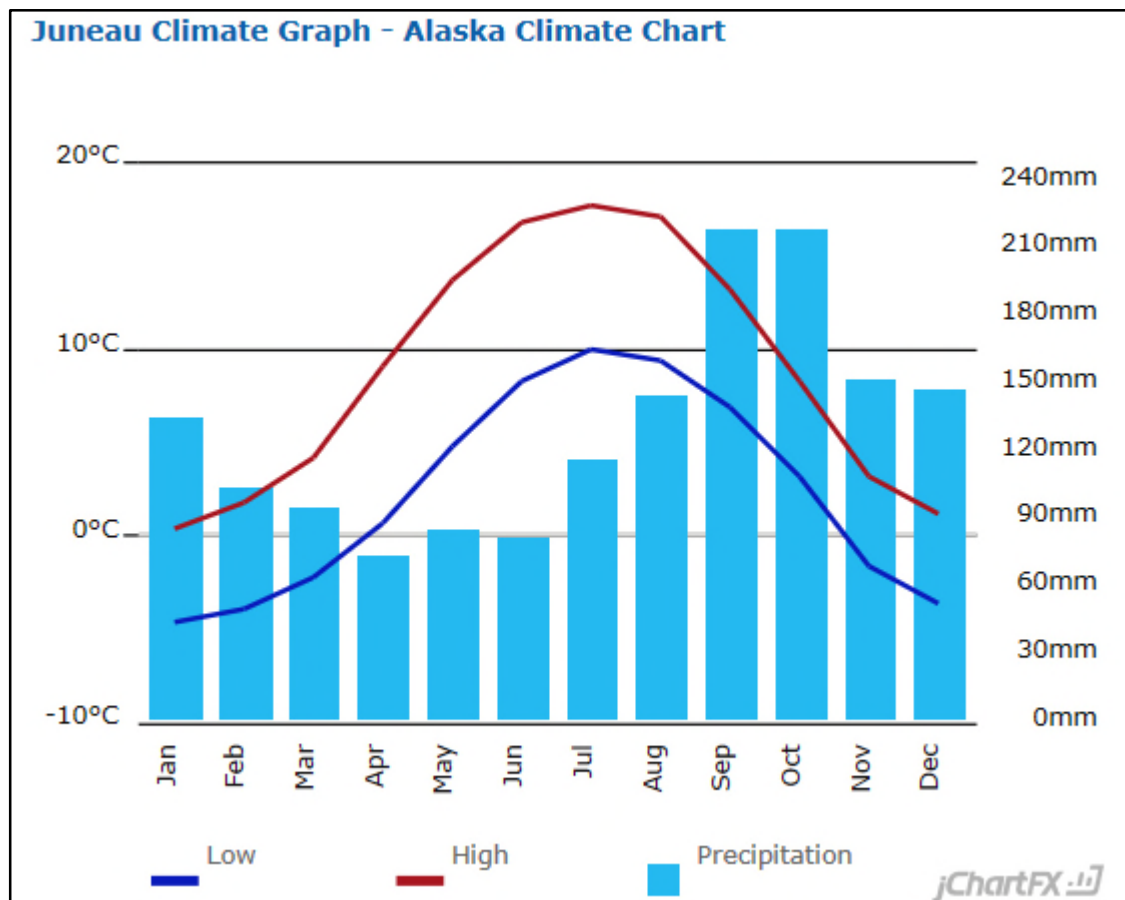


highway will be permitting, as this route is likely to include wetlands. The Herbert property lies on the western flank of the Coast Range Mountains. Terrain varies from moderate to rugged within the project area (Photo 1), ranging in elevation from 40m to 1200 meters above sea level. Vegetation ranges from dense alder brush to bare rock. The Herbert Glacier terminates at the eastern edge of the claim block. Its rapid retreat in the past 30 years is responsible for the recent exposure of large areas of bare rock at low elevations. Bedrock exposure produced by this retreat is transitory, as rapid vegetation growth is advancing at a similar rate.

Photo 1. Photograph of Herbert Property

Juneau features a humid continental climate though just short of being subarctic. The city has a climate that is milder than its latitude may suggest, due to the influence of the Pacific Ocean. Winters are moist and long, but only slightly cold by Alaskan standards: the average low temperature is 23 °F (−5 °C) in January, and highs are frequently above freezing. Spring, summer, and fall are cool to mild, with highs peaking in July at 65 °F (18.3 °C).

Snowfall averages 86.8 inches (220 cm) and occurs chiefly from November to March. Precipitation falls on an average 230 days per year, averaging 62.5 inches (1,590 mm) at the airport (1981–2010 normals), but ranging from 55 to 90 inches (1,400 to 2,290 mm), depending on location.[9] The spring months are the driest while September and October are the wettest months.



6 HISTORY (Item 6) (THIS SECTION HAS LARGELY BEEN EXCERPTED FROM Van Wyck and Burnett, 2012).

Early exploration of the property was hampered by the previous cover of the Herbert Glacier for the much of the last century. Glacial retreat has exposed additional bedrock exposure during the past century. Two named prospects (St. Louis and Summit) and a 22 foot shaft at high elevations were identified in 1889 (Barnett and Miller, 2003). The Juneau Gold Belt hosts numerous high grade gold deposits that were active from 1883 until 1943 and is likely that the project area was prospected at that time. Current interest in the project area began in 1986 when claims were staked to cover several obvious quartz veins. At this time Houston Oil and Minerals discovered the main gold bearing quartz veins in outcrops recently exposed by the retreating ice. They drill tested these prospects with 8 holes (BQ size) totaling 1,100 m. Some of the historical data is somewhat vague as there was additional shallow “Winky” drilling with as much as 230 m completed from 11 holes. Although encouraging assay results from 19 drill holes were received, Echo Bay abandoned the property as part of their divestiture of its Alaskan properties.

In 1997, a group of three local prospectors (d.b.a. JEDI) purchased the core Herbert claims. In 2006 the property was brought to the attention of a previous owner who signed a mining lease with JEDI effective November 1, 2007. A field program in 2007 resulted in the collection of 299 rock chip, soil, and stream sediment samples and the initiation of a property wide geology map.

7 GEOLOGICAL SETTING AND MINERALIZATION (Item 7)

7.1 Regional Geology

The Herbert Property is situated in close proximity to the Coastal Shear Zone – a major crustal dislocation defined by northwest striking penetrative foliation. This structure parallels the boundary between the Gravina belt to the west and the Taku terrane to the east (Figure 3).

The Gravina belt comprises Upper Jurassic to Mid-Cretaceous marine argillite and greywacke, interbedded andesite to basaltic volcanic and volcanoclastic rocks, and plutons ranging from quartz diorite to peridotite (Gehrels and Berg, 1992 and 1994). The Taku terrane differs from the Gravina belt by having an older Permian to Triassic aged basement consisting of marbles, phyllites, pillowed basalts, and flysch-related rocks, which are overlain by Upper Jurassic to Mid-Cretaceous greywackes and, likely, related to similar aged rocks in the Gravina belt. Metamorphic grade ranges from greenschist to amphibolite facies and generally increases from west to east. Regional metamorphism and deformation, including the Coastal Shear Zone, are broadly linked to emplacement of multiple intrusive rocks in the Coast Mountains with isotopic ages ranging from 10 to 55 Ma (Gehrels and Berg, 1994).

7.2 Property Geology (excerpted from Van Wyck and Burnett, 2011)

Published regional geologic mapping (Figure 3) indicates that Herbert Gold project is largely hosted in Lower Cretaceous to Permian marine units (KPsv) intruded by Lower Tertiary to Upper Cretaceous intrusions (TKlsp). To date the majority of the mapping and drilling has been within a quartz diorite stock or sill that hosts the mineralized veins. Although there is no independent mapping or geochronology evidence in support, it seems reasonable to correlate the quartz-diorite stock with regional map unit TKt and a belt of deformed metasedimentary rocks on the western edge of the claim block with map unit KPsv. Many drill holes from the western-most drill pads exited the diorite into strongly foliated metasedimentary rocks confirming the strongly tectonized contact between the two units. Herbert Gold Project consists of, at present, five principal and parallel sets of east-northeast- trending quartz veins, two associated splays and one cross vein hosted in quartz-diorite. The veins consistently dip steeply to the north with a minor NE trending vein set splaying off or intersecting the main vein set. Vein thicknesses range from several meters to decimeters and within the host structures occasionally several generations of veining can be observed. This leads to variable mineralized thicknesses noted both at the surface and in drill intercepts with mineralized widths up to 8 m true thickness occasionally encountered, but importantly even if vein thicknesses are variable, drilling at present shows consistent down-dip continuity of the host structures. Descriptions of closely adjacent prospects suggest that the quartz-diorite host is a unique feature to the Herbert Gold Project as the other prospects are all metasedimentary-hosted.

The mineralogy of the veins is dominantly quartz with lesser carbonate, arsenopyrite, pyrite, galena, sphalerite, scheelite and occasionally visible gold. Visible gold tends to occur associated with galena in the veins. Vein textures commonly show shearing, grain-size reduction and structural offsets indicating mineralization was continuous with deformation. Alteration extends as much as several meters into the wallrock adjacent to the veining consisting of sericite, chlorite and carbonate-altered quartz diorite. As a result of the preferential erosion of the alteration selvages, steep walled canyons typically mark the locations of the veins on the project. These gullies are easily visible on aerial photos and provide a convenient prospecting tool.

Mineralization

Gold mineralization is associated with sulphide-bearing quartz veins that are constrained to structures transecting lithologies, including the predominant host rock, quartz diorite. Minor gold values have been obtained in schistose rocks, generally adjacent to quartz diorite units. These quartz veins are generally east-west +/- striking and occupy recessively weathering domains within the quartz diorite.

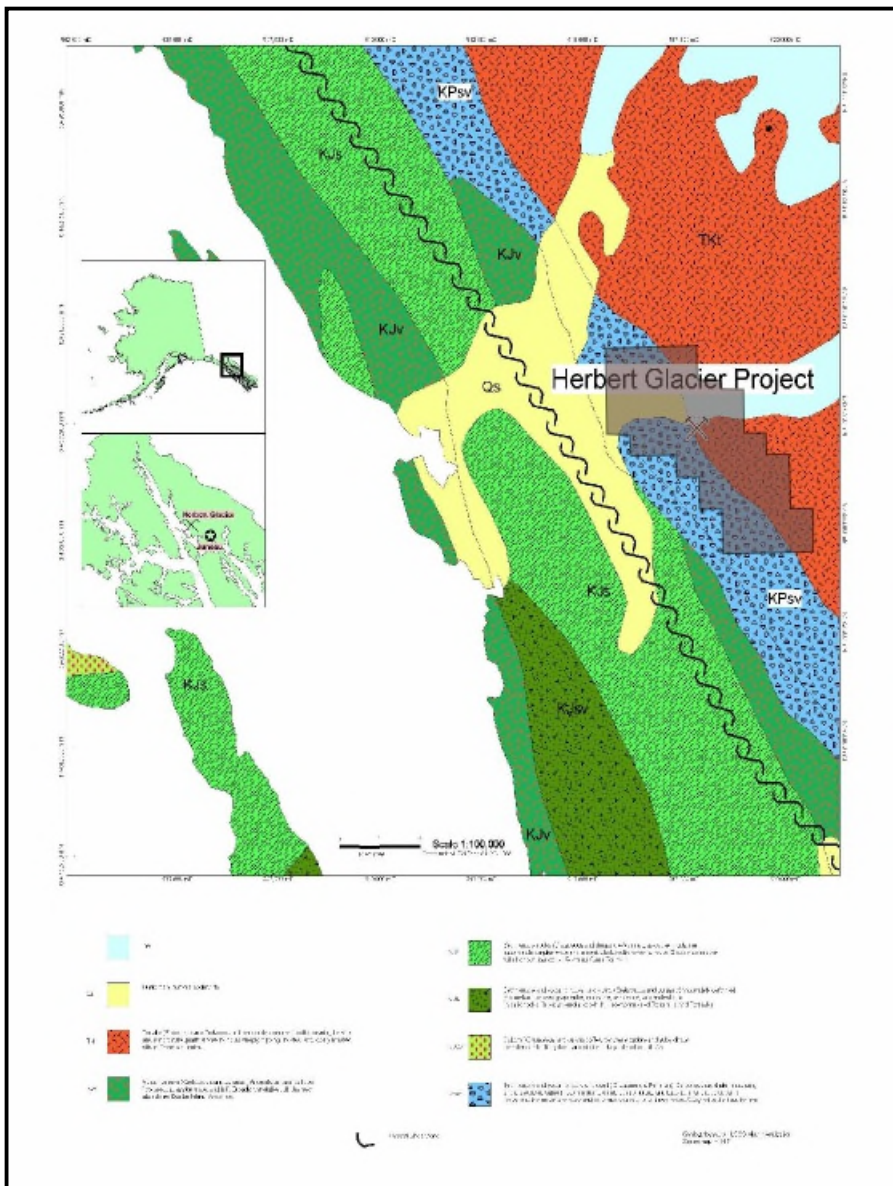


Figure 3 Local Geology of Herbert Property Area



Photo 2. Photo of the Goat Vein structure (purple line), viewed to the east (C. Hale, 2018).

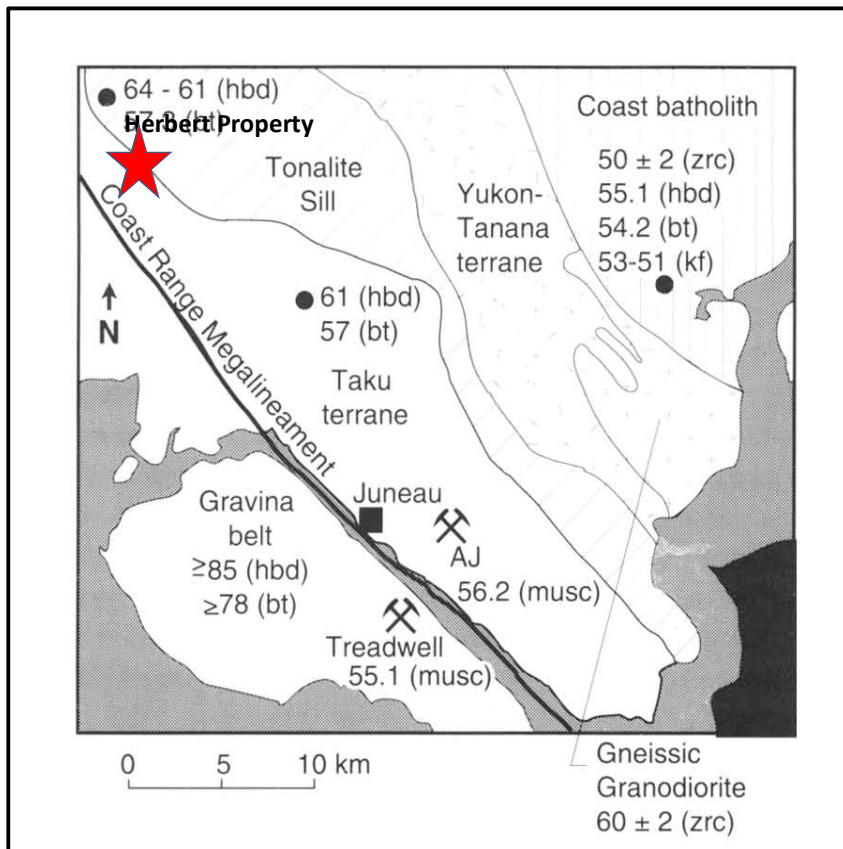


Photo 3. Crew cutting a conventional channel sample on the Goat Vein. (C. Hale, 2018).

8 Deposit Types (Item 8)

The Juneau District hosts a variety of mesothermal gold deposits hosted within metamorphosed sedimentary rocks (schists) and associated intrusions within structurally controlled settings. These appear to be related to the large Coast Range Megalineament.

The Juneau Gold Belt (JGB) has been Alaska's largest lode gold producer, yielding approximately 7.0 million ounces of gold, largely from the Alaska-Juneau and Treadwell mines. An equal amount of gold reserves are estimated to be still present within the Alaska-Juneau and Kensington mines (Swainbank *et al.*, 1991). Deposits of the JGB are located on either side and within a few kilometers of a major crustal structure termed the Coast Range Megalineament (Figure 3). Auriferous veins show a strong spatial association with the relatively competent igneous bodies of varied composition: These rocks are, however, much older than the veining (Goldfarb *et al.*, 1993). The veins are also associated with greenschist facies rocks of an inverted metamorphic gradient of up to 8 km in thickness (Himmelberg *et al.*, 1991).



Gold-veins along 200 km of the Coast Range Megalineament were emplaced between 56 – 55 Ma, near the end of a 60 m.y. period of orogenic activity (Goldfarb *et al*, 1991b). Relaxation along this shear zone, during a shift from orthogonal to more oblique convergence and resulting strike-slip motion, is hypothesized as having led to increased permeability and widespread fluid migration. A belt of tonalitic plutons were intruded approximately 5 km east of the megalineament between 68-61 Ma (Barker *et al.*, 1986; WOOD ET AL., 1991).

9 EXPLORATION (Item 9)

Exploration on the property consists of a property-scale rock chip, stream silt, and soil sampling program started in 2007 and continued to a lesser degree during the 2010 and 2011 drilling programs. Two hundred and ninety-nine (299) samples collected and assayed in 2007 are recorded in the property database. Samples have been collected from 50% of the project area. There has been no systematic grid sampling program, which is appropriate based on the exposure level and the narrow, high-grade targets sought. A high-resolution aerial photograph covers the entire claim block and a detailed 5 m spacing contour map has been prepared in a digital format over 12.5% of the claim area.

A hand-drafted geologic map centered on the drill targets at an approximate scale of 1:10,000 has been compiled onto the 5 m spacing contour map. The high-resolution aerial photograph is particularly useful on

account of the large areas of rock exposure and the association of veining with pronounced linear features, making it a valuable prospecting tool.

The 2007 sampling results show that all the major vein structures have been covered by multiple surface samples on the claim block. The majority of the anomalous gold samples are located on the northern portion of the claim block on the Main, Deep Trench, and Goat veins. South of this area the number of anomalous gold samples decreases, where only a single sample out of a population of 112 returned a measured value above 5 ppm Au. This area with low surface gold values correspond to that portion of the claim block south of the 6487400 Northing, comprising approximately half the area of the claim block.

The rock chip program was successful in identifying veins with anomalous gold values. Exposure limitations results in non-uniform sampling making it difficult to apply the results to quantitative resource modeling. In 2011 a small channel sampling program was started across surface exposed veins. Four trenches (A through D) totaling 19.72 m across the Deep Trench Vein were collected using a portable rock saw. The method consisted two parallel cuts approximately 3 cm deep and 6 cm wide and sample lengths on the order of 0.5 to 1.5 m long. The samples collected approximated a drill core rock volume and typical sample length. This is a valuable exploration tool precisely because it standardizes the sampling process and was incorporated into the solid resource model. It was because of this standardized sampling of the trenches that it was decided by DRW to incorporate the trench results into the resource model.

Substantially all work completed in 2012 consisted of diamond drilling with minor field mapping and sampling.

In 2018 a LiDAR survey was completed by Quantum Spatial covering 1,826 hectares (4,512 acres) delivering 1 m Bare Earth (DEM) Highest Hit Surface Model (DSM), and Intensity images. Deliverables included 0.5m contours, DSM and a DTM.

10 DRILLING (Item 10)

In **2010** Grande Portage commenced a drilling campaign on the previously identified targets. The 2010 drilling program comprised 16 NQ diamond drill holes totalling 2,600 meters. The best intercept was from hole DS 10C-1 from 119.29 to 120.9 grading 12.9 gpt gold.

In **2011** an additional 30 NQ diamond drill holes totaling 5,181 m were drilled. Results were encouraging and are highlighted by:

- DDH 11E-2 from 137.1 – 152.37m returned 35.52 gpt gold over a width of 15.93m (true width of 8.76m)
- DDH 11E-1 from 107.0 – 115.82 graded 12.8 gpt gold over a trued width of 6.97m

In addition a total of 19.72m of hand-held rock saw channel samples from four trenches across the Deep Trench Vein outcrop trace were collected. The highest value returned (Trench A) a weighted average of 6.48 gpt gold over 6.13 meters.

During the 2012 exploration campaign, 62 holes totaling 8805.03 meters were completed. That does not include three failed holes with the small drill which total up to 29.87 meters. The large drill recovered NQTW diameter core and the small obtained BQTW diameter core. In addition, 23 BQ holes (300 series) were drilled.

Many high-grade intersections were obtained from several of the veins. These results are highlighted by hole 326B2, drilled on the western Deep Trench vein, intersected rich mineralization consisting of 11.58 metres (6.14 metres true thickness) of 24.37 grams per tonne gold (0.712 ounces per ton)

In **2017** a drill program consisted of 12 NQ diamond drill holes totaling 3,709 metres from four drill pads. A total of 493 core assays were collected. Core was flown either to the nearby road for truck transport to the logging facility, or to the airport where it was picked up and trucked to the logging facility.

In **2018** a drill program consisted of 15 NQ drill holes totaling 4,751.1 m and 2 PQ drillholes totaling 121.0m from two drill pads and two sawn channel cuts totaling 2.1 m.

In **2020** a drill program consisted of 22 NQ drill holes totaling 8,397.9 m from four drill pads.

In **2021** 20 NQ diamond drill holes totaling 8,151.6 m were completed from five drill pads.

In **2022** 5 NQ diamond drill holes totaling 3,936.1 m were completed from one drill pad.

In **2023** 9 NQ drill holes totaling 3,523.8 m were completed from three drill pads.

All drillhole information is shown on the Table 4 below.

Table 4. All drill hole location in NAD 83 Z.8, azimuth, dip and total depth (in metres).

dh_id	Easting	Northing	Elev__m	az	dip	td__m
88H-19	518061.3	6487876	49	170	-75	112.78
88H-18	518111	6487880	65	170	-85	144.48
88H-17	518164	6487911	93	170	-70	144.17
88H-16	518236	6487880	111	170	-45	60.4
88H-15	518298	6487892	135	170	-80	138.99
88H-14	518366.1	6487932	130	170	-75	138.99
88H-13	518443.2	6487906	181	170	-75	96.93
88H-12	518550	6487891	198	170	-80	60.05
88H-11	518468.8	6487906	189	170	-65	114.91
88H-10	518494.8	6487900	191	170	-75	92.05
88H-9	517934.2	6487803	43	170	-45	56.69
88H-8	517989.1	6487836	43	170	-45	60.05
88H-7	518055	6487832	45	170	-45	34.75
88H-6	518083	6487861	47	170	-45	65.23
88H-5	518145	6487875	70	170	-45	88.09
88H-4	518211.6	6487871	92	170	-45	59.44
88H-3	518264.9	6487861	123	170	-45	42.67
88H-2	518332	6487876	133	170	-45	53.34
88H-1	518391	6487878	143	170	-45	42.98
326D	518157.5	6487688	124.44	222	-57	92.35

326C	518158.5	6487687	124.7	190.5	-45	92.35
326B2	518158.7	6487688	124.71	162	-61.5	117.04
326B	518159.3	6487688	124.85	162.5	-61	91.44
326A	518159.6	6487687	124.63	161	-41	73.76
315F	518093.9	6487678	69.82	335	-44	46.63
315E	518094.4	6487678	69.77	302	-62	88.39
315D	518094.1	6487678	69.59	303	-42	61.87
315C	518093.2	6487676	69.9	211	-45	95.4
315B	518095	6487675	69.92	175	-43	114
315A	518096.2	6487677	70.26	127	-44	100.58
312B	518213.9	6487685	127.22	204	-45	73.15
312A	518214	6487685	127.19	180	-45	60.96
311D	518279.9	6487683	129.79	154	-63	76.81
311C	518280.2	6487683	129.84	155	-42	55.17
311B	518277.2	6487684	130.19	206	-60	74.37
311A	518277.3	6487684	130.46	206	-41	54.86
310B	518246.7	6487677	122.73	188	-59	77.42
310A	518246.6	6487677	122.84	186	-44	61.87
309D	518312	6487685	146.11	140	-45	54.86
309C	518311.1	6487684	146.22	183	-70	94.18
309B	518311.1	6487684	146.22	182	-63	83.21
309A	518311.5	6487683	145.84	180	-42.5	67.06
120-9	518456	6487941	183.53	203	-54	145.69
120-8	518455.9	6487941	183.5	201	-43	200.25
120-7	518457.8	6487941	183.62	146	-67	136.86
120-6	518457.9	6487941	183.61	147	-58	142.95
120-5	518458	6487941	183.64	147	-43	173.13
120-4	518457.4	6487941	183.55	177	-81	231.34
120-3	518457.4	6487941	183.54	175	-68	174.96
120-2	518457.4	6487941	183.53	173	-58	127.73
120-11	518456.1	6487941	183.38	203	-70	179.53
120-10	518456	6487941	183.53	202	-63	167.34
120-1	518457.5	6487941	183.58	173	-47	352.96
12J-7	518115.7	6488102	60.52	219	-64	152.4
12J-6	518115.3	6488102	60.47	224	-43	154.53
12J-5	518117.1	6488101	60.66	131	-71.5	182.58
12J-4	518117.4	6488101	60.65	122	-43	121.01
12J-3	518117.2	6488101	60.66	135	-63	152.1
12J-2	518117	6488101	60.64	180	-74.5	142.95
12J-1	518117	6488100	60.69	180	-63	118.87
12H-1	518440.2	6487732	227.48	181	-42	303.89
12G-6	518330.5	6487736	150	150	-68	202.39
12G-5	518330.7	6487735	149.98	158	-60	148.74
12G-4	518330.9	6487735	149.98	158	-47	138.07
12G-3	518330.1	6487736	150	182	-57	371.75
12G-2	518329.9	6487736	149.99	213	-63	213.06

12G-1	518329.5	6487735	149.99	213	-55	185.32
12F-5	518088.4	6487703	67.27	220	-43	128.93
12F-4	518091.2	6487703	66.94	178	-62	160.93
12F-3	518091.3	6487702	66.82	177	-53	157.37
12F-2	518092.4	6487704	67.35	133	-68	197.91
12F-1	518092.6	6487703	67.48	132	-56	158.19
11J-1	518117.2	6488101	60.55	170	-45	121.62
11I-7	518007	6487878	44.2	208	-80	243.84
11I-6	518007.9	6487879	44.2	115	-70	210.01
11I-5	518007.3	6487879	44.2	115	-45	161.24
11I-4	518005.8	6487877	44.24	208	-65	171.3
11I-3	518005	6487877	44.24	208	-45	131.06
11I-2	518006.3	6487878	44.24	170	-75	182.88
11I-1	518006.3	6487876	44.8	170	-45	388.95
11G-8	518332	6487736	150.5	125	-61	197.82
11G-7	518332.2	6487736	150.5	125	-45	164.9
11G-6	518331.2	6487736	150.26	180	-73	231.65
11G-5	518331.3	6487736	150.27	180	-63	155.45
11G-4	518331.3	6487734	150.72	180	-45	121.92
11G-3	518330.1	6487735	151.17	210	-69	145.69
11G-2	518329.4	6487735	149.93	210	-45	152.4
11G-1	518329.4	6487735	149.97	227	-57	261.82
11F-3	518090	6487702	67	180	-70	179.53
11F-2	518090	6487701	67	180	-45	72.85
11F-1	518091.5	6487702	67	145	-45	124.66
11D-3	518530.7	6487933	184.52	135	-52	116.74
11D-2	518527.5	6487932	184.58	234	-69	173.13
11D-1	518527.1	6487932	184.58	235	-45	160.63
11C-3	518186	6487920	102.38	143	-52	175.56
11C-2	518184.9	6487920	102.38	178	-63.5	189.89
11C-1	518183.7	6487921	102.11	226	-54	197.51
10D-3	518527.5	6487932	184.58	233	-67	99.36
10D-2	518529.5	6487933	186	170	-82	158.5
10D-1	518529	6487932	184.55	170	-73	135.94
10C-2	518184.2	6487921	102.2	220	-54	101.19
10C-1	518185.2	6487920	102.2	170	-45	134.11
10B-3	518781.3	6487675	333.63	150	-45	98.7
10B-2	518779.5	6487675	334.21	210	-75	231.34
10B-1	518779	6487673	332.87	210	-45	228.6
10A-7	518358.5	6487951	126.3	200	-70	198.4
10A-6	518357.9	6487950	126.3	200	-50	173.7
10A-5	518359.4	6487951	126.29	170	-65	183.5
10A-4	518359.4	6487950	126.39	170	-45	341.38
10A-3	518359.8	6487952	126.3	140	-85	45.72
10A-2	518360.6	6487951	126.3	140	-65	200.25
10A-1	518360.9	6487951	126.3	140	-45	152.25

12E-1	518203	6487728	135.59	180	-51	153.62
11E-1	518203.5	6487728	135.69	185	-46	164.28
10E-1	518204.6	6487729	135.68	210	-45	117.04
12E-2	518203	6487728	135.66	182	-65	216.16
11E-2	518203.5	6487728	136.2	185	-62	161.24
12E-3	518201.8	6487728	135.59	215	-40	189.89
11E-3	518203.5	6487728	136.2	190	-72	231.34
12E-4	518202	6487728	135.57	215	-52	189.89
11E-4	518201.6	6487728	136.2	220	-49	152.4
12E-5	518202.2	6487728	135.58	204	-49	167.03
11E-5	518204.6	6487729	135.68	150	-49	138.68
12E-6	518202.2	6487728	135.55	206	-60	197.51
12E-7	518202.4	6487728	135.57	163	-41	157.58
12E-8	518202.3	6487728	135.57	163	-56	166.09
12E-9	518202.2	6487728	135.59	163	-69	203.91
17K-1	518019	6488115	73	215	-45	173.736
17K-2	518019	6488115	73	215	-73	257.4341
17K-3	518019	6488115	73	165	-45	180.594
17K-4	518019	6488115	73	165	-75	214.5792
17L-1	518180	6488150	70	130	-45	192.024
17L-2	518180	6488150	70	130	-75	272.1864
17L-3	518180	6488150	70	170	-45	429.1584
17L-4	518180	6488150	70	170	-80	232.5624
17U-1	518421	6488011	132	165	-50	502.4628
17U-2	518421	6488011	132	165	-78	288.036
17Y-1	518265	6487893	115	180	-55	449.58
17Y-2	518265	6487893	115	145	-63	516.636
18S-1	518273	6487682	141	155	-50	54.6
18S-2	518273	6487682	141	155	-65	66.4
18M-1	518130	6488262	85	335	-45	193.5
18M-2	518130	6488262	85	21	-45	199.3
18M-3	518130	6488262	85	116	-49	327.7
18M-4	518130	6488262	85	116	-70	356.6
18M-5	518130	6488262	85	116	-81	418.8
18M-6	518130	6488262	85	127	-45	286.1
18M-7	518130	6488262	85	127	-61	327.1
18M-8	518130	6488262	85	171	-45	546.5
18M-9	518130	6488262	85	171	-61	297.8
18M-10	518130	6488262	85	171	-77	388.9
18M-11	518130	6488262	85	171	-82	428.2
18M-12	518130	6488262	85	200	-55	454.2
18M-13	518130	6488262	85	200	-67	405.4
20T-1	518363.0	6488196.0	145.0	168.0	-45	5.2
20T-2	518363.0	6488196.0	145.0	168.0	-63	83.5
20T-2B	518363.0	6488196.0	145.0	168.0	-53	406.9
20T-3	518363.0	6488196.0	145.0	168.0	-70	538.9

20T-4	518363.0	6488196.0	145.0	168.0	-87	373.7
20T-5	518363.0	6488196.0	145.0	122.0	-45	231.3
20T-6	518363.0	6488196.0	145.0	134.0	-41	468.8
20T-7	518363.0	6488196.0	145.0	134.0	-58	513.3
20T-8	518363.0	6488196.0	145.0	191.0	-55	510.5
20T-9	518363.0	6488196.0	145.0	191.0	-42	463.0
20T-10	518363.0	6488196.0	145.0	338.0	-45	314.9
20T-11	518363.0	6488196.0	145.0	134.0	-74	557.3
20T-12	518363.0	6488196.0	145.0	156.0	-58	488.1
20U-1	518418.0	6488009.0	128.0	184.0	-43	491.6
20U-2	518418.0	6488009.0	128.0	166.0	-57	598.6
20U-3	518418.0	6488009.0	128.0	166.0	-64	311.8
20U-4	518418.0	6488009.0	128.0	112.0	-49	311.5
20H-1	518441.0	6487736.0	228.0	130.0	-45	192.6
20H-2	518441.0	6487736.0	228.0	130.0	-67	223.7
20H-3	518441.0	6487736.0	228.0	170.0	-45	494.4
20Y-1	518262.0	6487898.0	122.0	173.0	-45	357.2
20Y-2	518262.0	6487898.0	122.0	160.0	-62	460.9
21P-1	518414	6488282	141	185	-75	397.5
21P-1a	518414	6488282	141	185	-75	427.9
21P-2	518414	6488282	141	130	-73	394.4
21P-3	518414	6488282	141	141	-43	423.2
21P-4	518414	6488282	141	141	-63	455.1
21X-1	518210	6488100	67	180	-68	440.1
21X-2	518210	6488100	67	180	-80	484.6
21W-1	518170	6487980	111	200	-61	342.6
21W-2x	518170	6487980	111	160	-59	35.1
21W-2	518170	6487980	111	160	-59	256.5
21Z-1	518075	6488205	77	193	-50	573.5
21Z-2	518075	6488205	77	230	-45	412.1
21Z-3	518075	6488205	77	230	-65	355.1
21Z-4	518075	6488205	77	173	-64	285.3
21Q-1	518582	6488175	122	150	-45	383.9
21Q-2	518582	6488175	122	150	-59	433.1
21Q-3	518582	6488175	122	150	-70	547.1
21Q-4	518582	6488175	122	150	-81	663.5
21Q-5	518582	6488175	122	200	-45	393.2
21Q-6	518582	6488175	122	200	-62	447.8
22AB-1	518422	6488499	102	200	-62	498.7
22AB-2	518422	6488499	102	204	-74	852.2
22AB-3	518422	6488499	102	195	-48	826.8
22AB-4	518422	6488499	102	183	-63	839.4
22AB-5	518422	6488499	102	162	-55	919.0
23M-1	518130	6488262	82	141.5	0	351.1
23M-2	518130	6488262	82	162	0	351.4
23M-3	518130	6488262	82	199	0	351.4

23M-4	518130	6488262	82	130	-52	357.5
23P-1	518414	6488282	141	178	0	334.0
23P-2	518414	6488282	141	178	-75	376.1
23P-3	518414	6488282	141	145	0	494.7
23P-4	518414	6488282	141	135.5	0	321.0
23BB-1	518620	6488345	166	201	0	586.4

In addition, a series of short channel samples have been cut across the veins where possible. These have been treated as horizontal drill holes in this report and include:

Table 5. Location of surface channel samples

dh_id	easting	northing	elev__m	az	dip	td__m
GC1	518266	6488064	76	175	0	2
GC2	518261	6488063	76	175	0	2
DTV1	518415	6487656	186	175	0	1
DTV2	518415	6487655	186	175	0	2
DTV3	518415	6487657	186	175	0	1
DTV4	518415	6487658	186	175	0	1
MVHW1	518312	6487858	76	175	0	1
MVHW2	518312	6487857	76	175	0	1
MVHW3	518312	6487859	76	175	0	1
MV1	518517	6487864	110	175	0	2
MV2	518517	6487865	110	175	0	1
MV3	518517	6487864	110	175	0	1
MV4	518517	6487865	110	175	0	2
MVHW4	518172	6487832	74	175	0	2
MVHW5	518172	6487833	74	175	0	1
MV5	518175	6487817	85	175	0	1
MV6	518175	6487816	85	175	0	1
MV7	518175	6487816	85	175	0	2
MV8	518251	6487824	85	175	0	2
MV9	518251	6487825	85	175	0	2
DTV5	518150	6487643	94	175	0	2
NV1	518157	6488350	90.9	175	0	1
NV2	518157	6488350	90.9	175	0	1
NV3	518174	6488347	90.9	175	0	1
NV4	518174	6488347	90.9	175	0	1
EV1	518563	6487379	292	175	0	1
EV2	518563	6487379	292	175	0	1
EV3	518563	6487379	292	175	0	1
EV4	518563	6487379	292	175	0	1
EV5	518563	6487379	292	175	0	1
EV6	518563	6487379	292	175	0	1
Trnch_D	518190	6487651	111	170	-3	4.51
Trnch_C	518174	6487650	105	170	-1	4.58

Trnch_B	518160	6487649	99	170	-3	4.5
Trnch_A	518149.5	6487648	91.6	170	-3	6.13

All drill holes were designed to intersect the quartz veins as close to perpendicular as possible but given the fan-nature of the drilling as constrained by pad locations, these intercepts ranged from close to 90 degrees to as shallow as 30 degrees.

11 SAMPLE PREPARATION, ANALYSIS AND SECURITY (Item 11)

11.1 Sample Preparation

- **Transportation:** Core was slung by helicopter in supersacks to either the secure Coastal Helicopter hanger area where it was received or to a staging area beside the highway 5 km west of the Project.
- Core was laid out on logging tables in the warehouse by crew or when the tables were full, stored on pallets in the front open area inside.
- **Initial Processing:** Geotech crew converted all marker blocks in boxes into metric numbers, straightened and arranged the core to approximate original bedrock alignment and cleaned the core in preparation for photographing.
- Geotechnical information was gathered at this point. Core recovery, RQD measurements and rock competency determinations were noted.
- Geologists marked the core and boxes for intervals that were sampled and placed the numbered sample tag at the start of the interval. The tags were stapled at the start of the interval to be sampled so the number is clearly visible in the photographs. Tags were reserved and removed from the sequence in the boxes at this point and blanks and standards were inserted. Sample tickets have two tear-off tags; one was placed in the corebox and one was placed inside the sample bag.
 - Standards were inserted at the rate of 5% or one for every 20 samples.
 - Blanks were used at the same rate in general except that they were inserted after high grade intercepts were expected or noted.
- **Photographing:** Photos of each box were taken by the geotechnician with the label board clearly and accurately marked for hole number, box number and footage. Photos were given to the project geologist on SD card for renaming files and storing in master computer.
- The core was logged by geologist after photographing.
- **Sampling:** After the geologist confirmed that the hole or part of the hole was through being logged, the geotech crew saws/splits the sample intervals.
 - The splitter determines how best to cut the core so both halves are equally mineralized and also maintain the structural integrity of the remaining half so future inspection is most meaningful.
 - The sample intervals are sawn and bagged with plastic bags used inside of cloth bags for highly broken, powdered, gougey, crumbly, or clay-rich samples or just canvas bags for competent intervals. Sample tags for that interval are placed inside the bag with the sample and the sample number was written on the outside of the bag in permanent marker.

- o The sample saw was kept clean with care taken after cutting samples from a known high grade mineralized zone.
- **Bagging and Shipping:** Samples were placed inside the secure warehouse in the area reserved for shipment preparation.
- After the hole was finished being sampled, the sample transmittal forms were filled out and the individual samples were aggregated in larger rice bags, labeled for shipment and in 2021 these were delivered to Bureau Veritas Laboratories for preparation. The prepared samples were shipped by commercial carrier to Bureau Veritas's analytical facilities in Richmond, B.C. BVI is independent of the company and is ISO 9001:2015 certified. In 2022 and 2023 the samples were prepared similarly by sent to ALS Canada Ltd. in North Vancouver facilities using conventional preparation techniques and analyzed using AU-SCR21, AU-AA25, AU-AA25D, Au-ICP21 for gold with screened metallic analyses for samples where visible gold was noted. ME-OG62 was used as a four-acid digestion for ore grade metals, AS-OG62 was a four-acid digestion for high-grade arsenic, ME-MS41 and ME-ICP61 techniques were used to determine additional element concentrations. Blanks and standards were inserted in the field as well as in the laboratory with all checks reporting acceptable results. ALS is independent of the Company and certified ISO-17025.

The author's opinion is that the sample preparation, security and analytical procedures are appropriate for this project.

11.2 Security

Core logging facilities and core storage containers were locked at all times when not under direct supervision and observation by Company employees. Special care was taken to keep core in order so that no mistakes made in number recordation, notes, sequences, bag labeling, photographing, etc. Communication between Coastal Helicopters, drillers, and Company personnel were maintained during transport. Time for core storage at Coastal Helicopters hanger was kept to a minimum.

Sample shipments to the BVI prep lab in Juneau or to ALS Canada Ltd. were made for each hole as soon as the samples are cut and bagged.

11.3 Sample Analyses

Preparation Procedures

The samples are entered into the Laboratory Information Management System (LIMS), weighed, dried and crushed to ensure that greater than 70% pass a 2mm sieve. A 250g split of the crushed material is then pulverized to greater than 85% passing a 75µm sieve. At random intervals and at the start of each shift QC testing is completed on both crushed and pulverized material to ensure that the above specifications are met.

Analytical Procedures

AQ370 - Aqua regia digestion Ore Grade ICP analysis:

1g sample split is digested with a modified Aqua Regia solution of equal parts concentrated HCl, HNO₃ and DI H₂O for one hour in a hot water bath. Sample is made up to volume with dilute HCl in class A volumetric flasks.

MA300 - HF-HNO₃-HClO₄ acid digestion:

Prepared sample is digested to complete dryness with an acid solution of (2:2:1:1) H₂O-HF-HClO₄-HNO₃. 50% HCl is added to the residue and heated using a mixing hot block. After cooling the solutions are transferred to test-tubes and brought to volume using dilute HCl. Sample splits of 0.25g are analyzed.

FA430 - Precious Metals by Lead Collection Fire Assay

30 or 50g of prepared sample is custom-blended with fire-assay fluxes, PbO litharge and a silver inquart. Firing the charge at 050°C liberates Ag, Au and PGEs that report to the molten Pb-metal phase. After cooling the Pb button is recovered, placed in a cupel and fired at 950°C to render a Ag, Au and PGEs dore bead. The bead is then either digested with nitric and hydrochloric acids for instrumentation determination or weighed and parted with nitric acid to dissolve Ag leaving gold which is weighed directly. Ag is determined by difference of the dore bead from the gold in gravimetric analysis.

FS600 - Metallic Screen Fire Assay

Prepared samples of 500g samples are screened through 150 mesh (106 µm) screens producing 2 sample fractions for analysis. The plus fraction is analyzed in its entirety by fire assay with gravimetric finish and reported as +Au. The minus fraction is analyzed by fire assay with AA or ICP finish either once or in duplicate at 30 or 50g charge weight depending on client request and reported as -Au. If values exceed 10ppm in the minus fraction the minus fraction may also need to be analyzed with gravimetric finish. Gold values of both fractions are reported along with a total gold content of the sample. (Alternative screen sizes / weights available upon request) Fire assay is performed by custom-blending samples with fire-assay fluxes, PbO litharge and a Ag inquart. Firing the charge at 1050°C liberates Ag ± Au ± PGEs that report to the molten Pb-metal phase. After cooling the Pb button is recovered, placed in a cupel and fired at 950°C to render a Ag ± Au ± PGEs dore bead. The bead is digested for ICP analysis or weighed and parted in ACS grade HNO₃ to dissolve Ag leaving a Au sponge. Au is weighed for Gravimetric determination; ACS grade HCl is added dissolving the Au ± PGE sponge for Instrument determination.

LF100 - Lithogeochemical Whole Rock Fusion

Prepared sample is mixed with LiBO₂/Li₂B₄O₇ flux. Crucibles are fused in a furnace. The cooled bead is dissolved in ACS grade nitric acid and analyzed by ICP and/or ICP-MS. Loss on ignition (LOI) is determined by igniting a sample split then measuring the weight loss. Total Carbon and Sulphur may be included and is determined by the Leco method (TC000). The LF202 package includes an additional 14 elements from an aqua regia digestion AQ200 to provide Au and volatile elements which do not report as part of the LF200 package.

Au-ICP21 Gold by fire assay and AES with detections from 0.001 to 10.0 gpt on 30 gm sample

ME-MS41 Multi-element aqua regia digestion with ICP Mass Spectrometry analysis. Variable detection limits.

12 DATA VERIFICATION (Item 12)

The author reviewed all analytical data collected by the Company, including the standards and blanks that were submitted. The Company uses marble chips from Home Depot for its blank material.

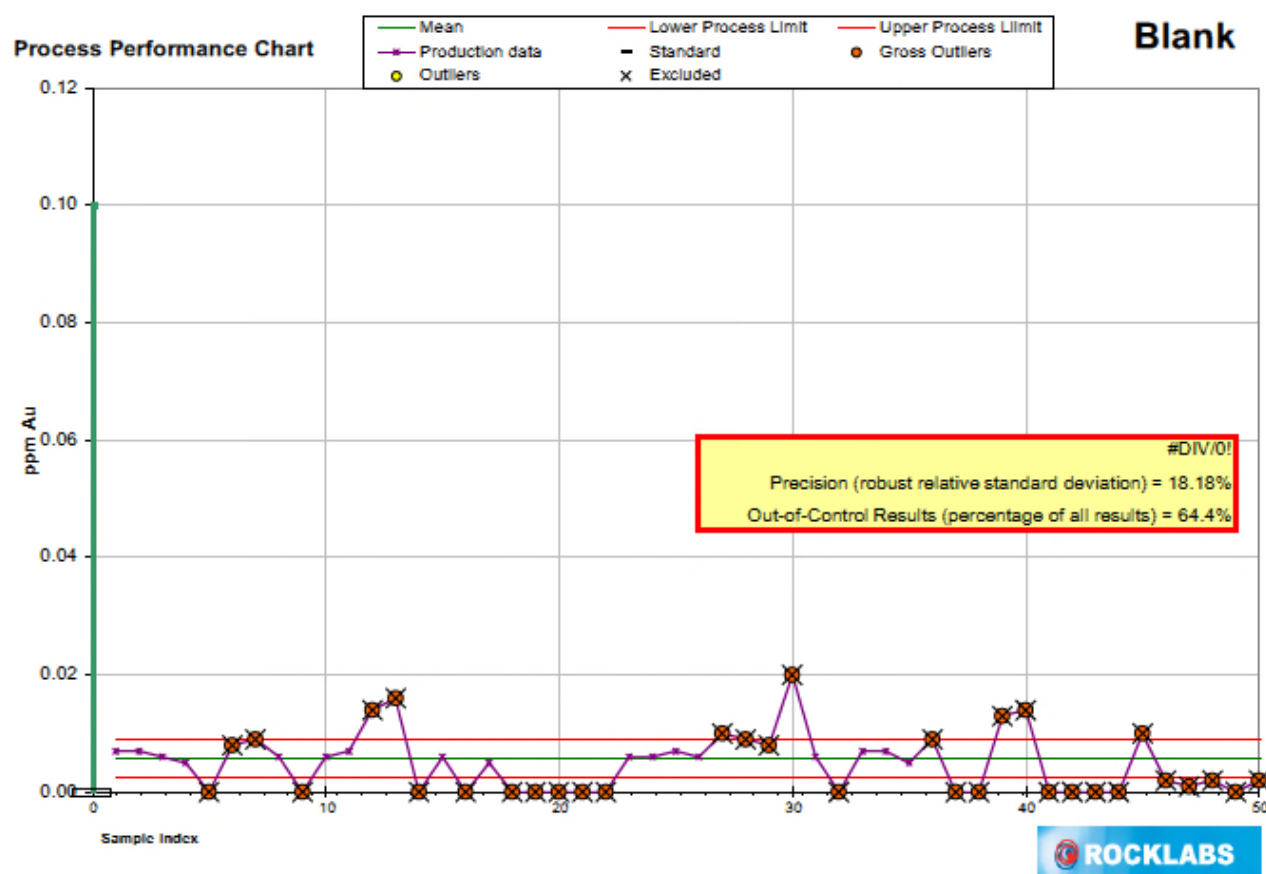


Figure 4. 2020, 2021, 2022, 2023 Assays of blanks

Fifty-nine blank samples were inserted into the sample stream. All yielded acceptable results except for one anomalous value at 0.020 gpt obtained in 2020. This is acceptable for a blank value as it is low enough value to not be of material concern in the author's opinion. The Company should however consider using certified blanks in the future.

Seven sets of commercial standards were inserted into the sample stream over the past 3 years which combined with the series of blanks provides for a robust quality assurance and quality control program. All standards reported within expected values.

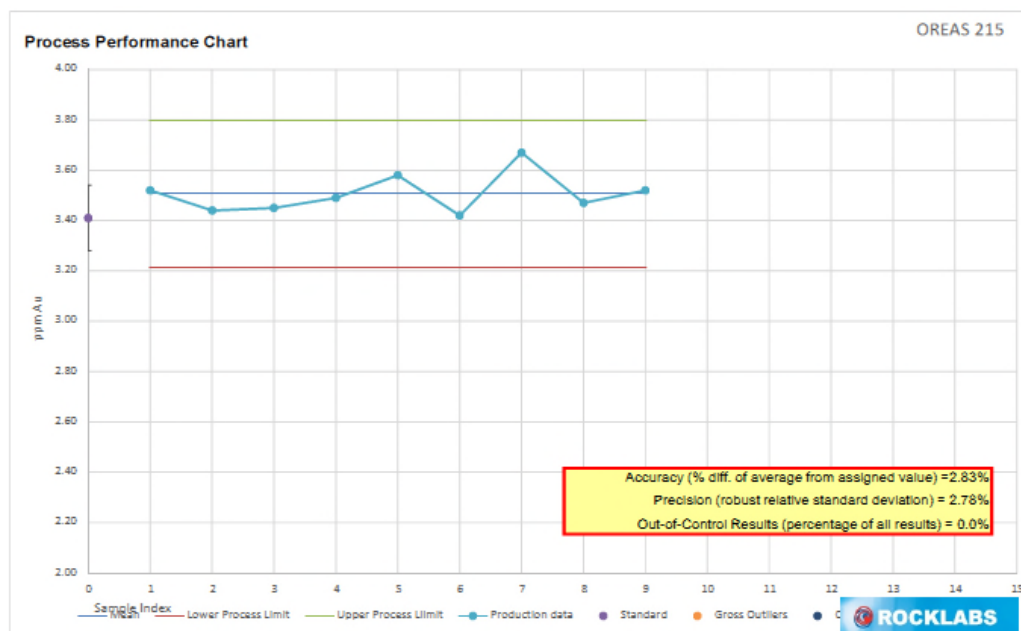


Figure 5. Assays of OREAS 215 standard

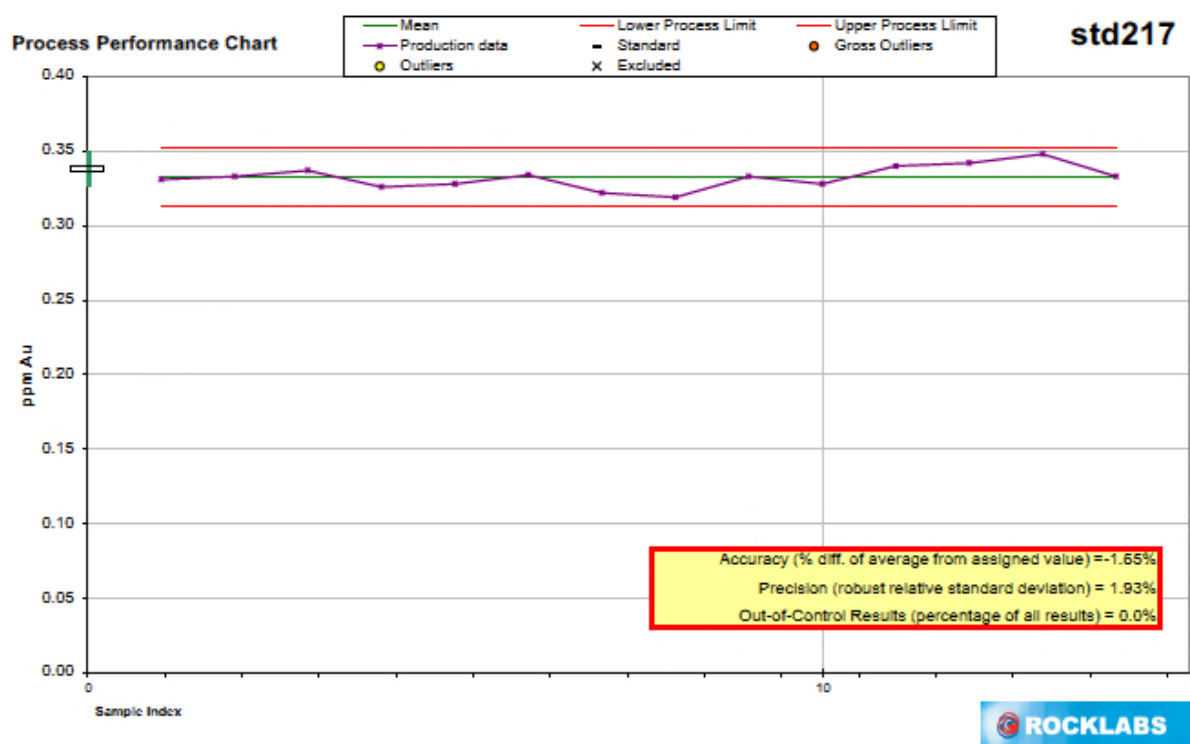


Figure 6. Historic Assays of OREAS 217 standard

Figure 7. 2020 Assays of OREAS 217 standard

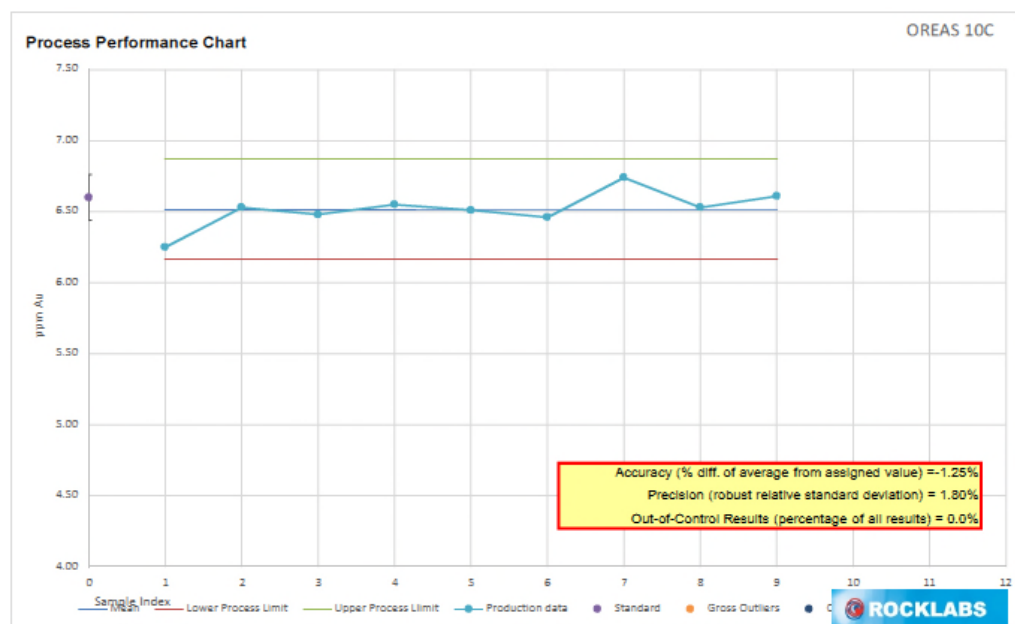


Figure 8. Assays of OREAS 10C standard.

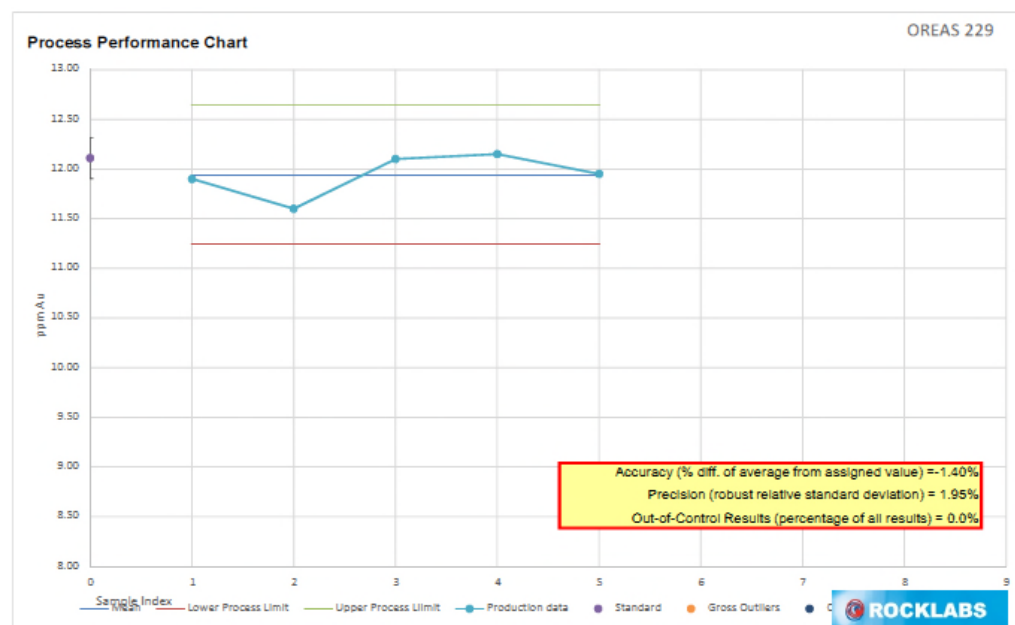


Figure 9. Assays of OREAS 229 standard.

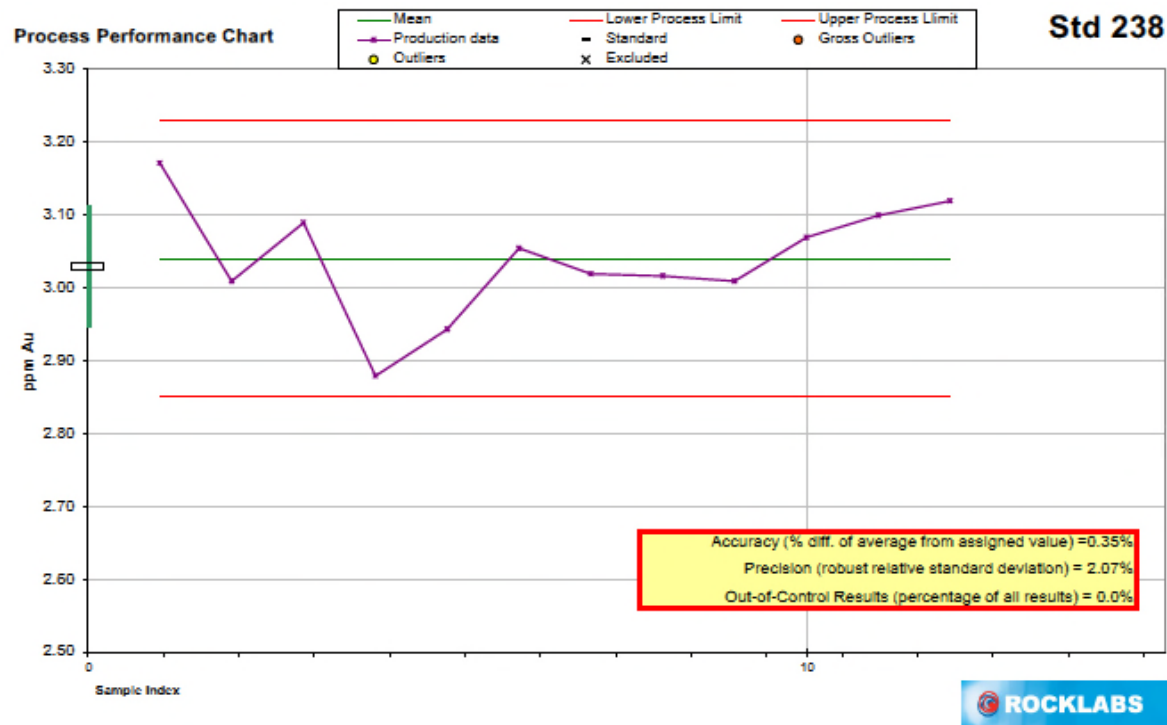


Figure 10. 2020, 2021, 2022, 2023 Assays of OREAS 238 standard

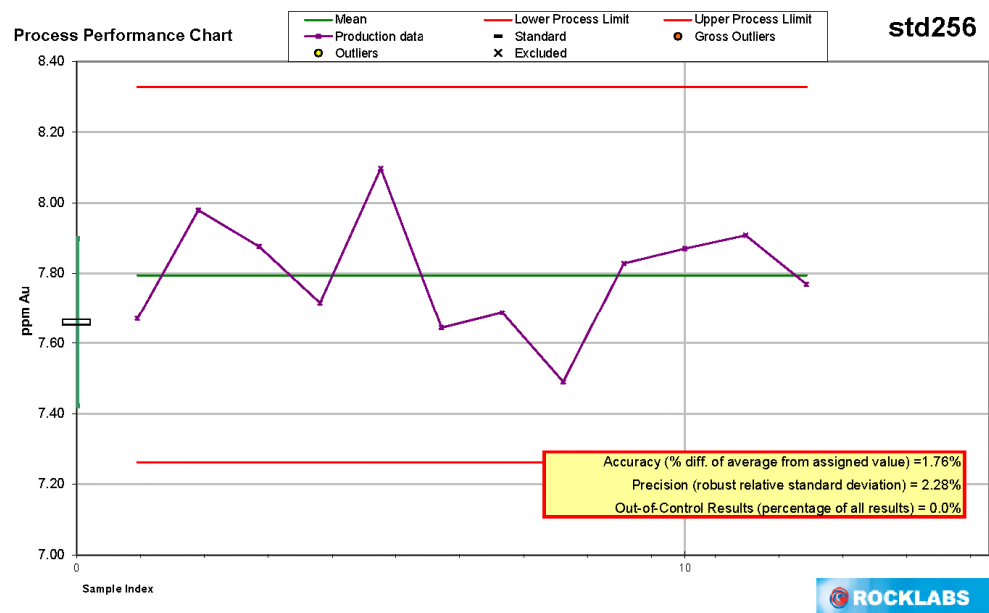
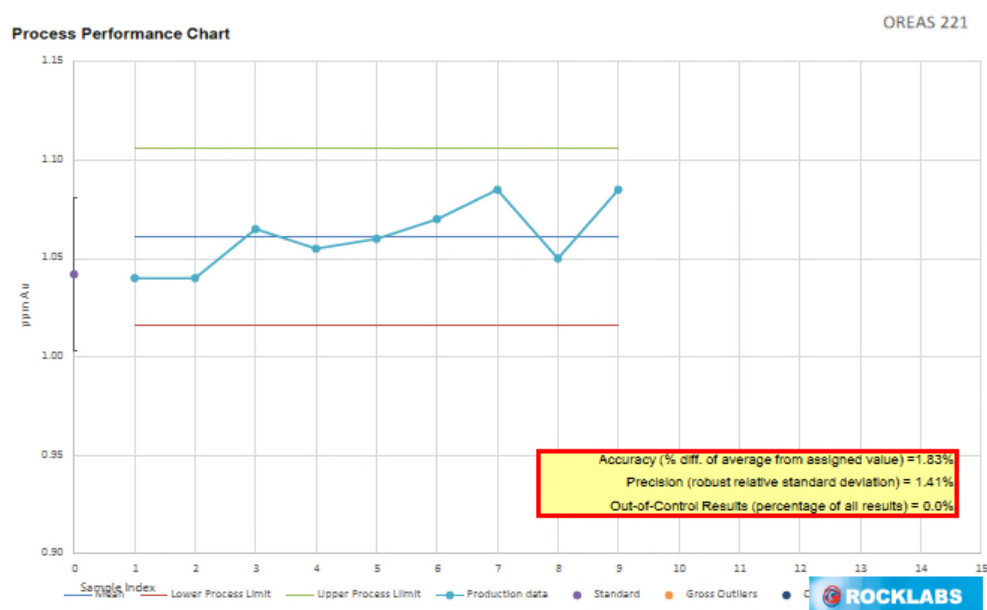


Figure 11. 2020 Assays of OREAS 256 standard



The standards run by the Company all returned acceptable values from two certified independent laboratories and confirm that their QA/QC work is appropriate for this project in the author's opinion. Additional high-grade standard should be considered for future work.

The author believes that the data is accurate for the purposes of this report.

13 MINERAL PROCESSING AND METALLURGICAL TESTING (Item 13)

In 2010 a sample prepared from cannibalized drill core was tested for "Bond Ball Grindability" and gold recoveries. The results cite a value of 15.7 kw/hr/tonne for work index (WI) and combined gold and silver recoveries of 91% and 78% respectively using gravity concentration and cyanidation of the concentrate and tails (G&T Metallurgical Services Ltd, 2011). The report recommends further metallurgical testing to understand the large consumption of sodium cyanide in the process. Though the metallurgical study consisted of representative material from the core, the material collected was uniformly from relatively low-grade material recovered from the 2010 drilling campaign and did not include the high-grade with visible gold drilled during the 2011 season.

In 2018, two samples were selected to determine the recoverability of gold using either whole-ore cyanidation as well as gravity plus flotation of the gravity tails at Bureau Veritas Commodities Canada Ltd's Metallurgical Division in Richmond B.C. ("BVI"). BVI is an ISO/IEC 17025:2005 accredited laboratory and is independent of the Company.

The presence of coarse free gold caused persistent scatters in gold head assay on the two test samples. Gold grades from direct fire-assay varied in a wide range from 92.6 to 167g/t in sample 54524, and from 19.5 to 34.1 in sample 339807.

Comminution Bond ball mill work index testing of representative splits from the two test samples indicated moderately hard characteristics of the test samples with respect to breakage in ball mills.

Preliminary metallurgical testing showed that both test samples responded well to whole-ore cyanidation and gravity+flotation process options. The response to each process option at a grind size of P80 105 µm are presented in the table below.

Sample ID	Whole-ore Cyanidation		Gravity+Flotation	
	Au Recovery, %	Ag Recovery, %	Au Recovery, %	Ag Recovery, %
54524	99.6	94.4	99.5	98.7
339807	98.4	81.5	97.7	90.6
Average	99.0	87.9	98.6	94.7

Figure 12. Summary of Gold Recoveries

The samples were collected from the Goat Vein in sawn channel cuts and the Deep Trench Vein by PQ drilling in areas where high-grade gold values had been obtained in previous sampling.

Analyte	Unit	54524		339807	
		Cut 1	Cut 2	Cut 1	Cut 2
Au	g/mt	115.42	140.99	34.14	19.50
Au	g/mt	167.06	92.60	-	-
Au average	g/mt	129.02		26.82	
Ag	PPM	68	-	33	-
Stot	%	1.11	-	0.73	-
Hg	ppm	1.34	-	2.27	-

Figure 13. Assay Head Grades of metallurgical test samples.

Sample ID	Bond ball mill work index, kWh/tonne
54524	14.3
339807	14.7

Figure 14. Bond Work Index of two metallurgical samples

Test No	Sample ID	Grind P80 µm	NaCN g/L	Measured Head		Calculated Head		72 hours Recovery		Residue		Consumption (kg/t)	
				Au (g/t)	Ag (g/t)	Au (g/t)	Ag (g/t)	Au (%)	Ag (%)	Au (g/t)	Ag (g/t)	NaCN	Lime
C1	54524	101	2.0	129.02	68	125.24	71.2	99.6	94.4	0.49	4.0	2.38	0.18
C2	339807	104	2.0	26.82	33	21.93	37.8	98.4	81.5	0.35	7.0	3.08	0.44

Figure 15. Whole ore cyanidation performance

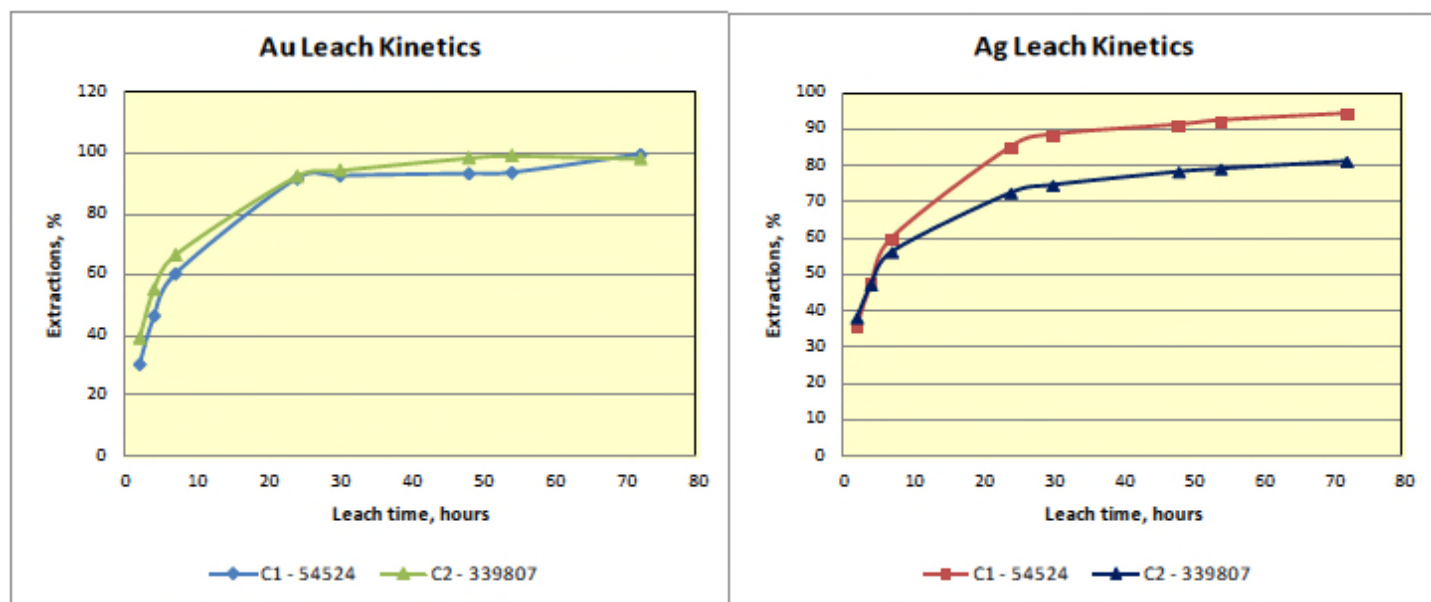


Figure 16. Gold and silver leach kinetics.

Sample ID	Test No	P80 Size (µm)	Gold Grade, g/t Au				Gold Recovery, %		Overall Recovery	
			Meas. Head	Calc. Head	Gravity	Flotation	Gravity	Flotation	Mass, %	Au, %
					Conc.	Conc.	Conc.	Conc.		
58524	GF1	150	129.02	105.07	66057	321.8	58.3	40.6	13.3	98.9
	GF2	105	129.02	105.05	45458	318.0	55.9	43.7	14.5	99.5
339807	GF3	150	26.82	24.76	5839	159.0	30.2	67.2	10.6	97.4
	GF4	105	26.82	21.65	5516	144.4	27.6	70.2	10.6	97.7
Summary for Silver										
Sample ID	Test No	P80 Size (µm)	Silver Grade, g/t Ag				Silver Recovery, %		Overall Recovery	
			Meas. Head	Calc. Head	Gravity	Flotation	Gravity	Flotation	Mass, %	Ag, %
					Conc.	Conc.	Conc.	Conc.		
58524	GF1	150	68	69	40691	225	54.5	43.0	13.3	97.5
	GF2	105	68	66	26515	217	51.5	47.2	14.5	98.7
339807	GF3	150	33	42	4397	321	13.4	80.1	10.6	93.6
	GF4	105	33	38	4205	284	12.0	78.6	10.6	90.6

Figure 17. Gravity and flotation response

Analyte	Unit	54524		339807	
		GF 1 Conc	GF 2 Conc	GF 3 Conc	GF 4 Conc
Au	g/t	321.8	318.0	159.0	144.4
Ag	ppm	225	217	321	284
Stot	%	8.44	8.08	6.19	5.61
As	%	11.1	10.8	10.6	9.9
Hg	ppm	10.6	10.1	17.8	15.3

Figure 18. Selected analysis of flotation concentrate.

The samples show that excellent recoveries can be obtained by whole ore cyanidation or gravity plus flotation methods. The mineralization where tested was very high-grade and may not represent average characteristics of the deposit. It is a moderately hard rock and contains high lead, zinc, silver, arsenic and mercury in flotation concentrates.

Further work should be completed on more average composites to determine what deleterious elements may be present in each vein system, and what each individual vein systems' recoveries might be.

14 MINERAL RESOURCE ESTIMATES (Item 14)

14.1 Resource Estimation Procedures

All reference to distance, tonnes, and grade are in SI units of metres (m), tonnes (t), and grams per tonne (gpt). All references to ounces will be troy ounces which are 31.1035 grams. North on the accompanying diagrams will be UTM grid north which is 0.38° east of true north at Juneau, Alaska.

A total of 211 diamond drill holes, 36 trenches with sawn channel cuts or continuous chip samples on the Herbert Property. Four thousand nine hundred seventy-three (4,973) ICP gold assays, 135 gold assays with gravimetric finish, 1,117 screened metallic gold assays and 3,554 ICP multi-element (33 element) analyses were considered. The author reviewed the data with the view to produce an updated resource estimate. A resource had been published for this property dated May 28, 2011, completed by Garth D Kirkham, P.Geo of Kirkham Geosystems Ltd. and later in April 2013 an updated resource was published by Dupre, D.G., and Webb, D.R. In July 12, 2018 an updated Mineral Resource was published by Webb, D.R. This work supersedes and replaces these reports.

All quartz vein intercepts were sampled, as well as the wall rock on either side of each vein. A total of 4,973 assay intervals for gold with values greater than detection limits have been obtained. A total of 1,210 unassayed intervals were considered to be zero grade for resource estimation purposes.

The nineteen 1986 - 1988 diamond drill holes were assessed statistically by ANOVA techniques as no core exists for direct validation. The drillholes constitute 12% of the drill hole (plus four trench) database and 5% of the total meters included. Other pertinent statistics are shown below in Table 6

Table 6. Selected statistics for 1988 drill holes.

	1988 DDH	Full Data
Assays >0	223	3,301
Range	0 – 142.7	0-432.9
Mean	2.05	2.87
Median	0.29	0.25
Standard Dev	10.56	17.96

Student T tests (2 sided, T=0.127) and Fisher F tests, two ANOVA tests used to consider whether sample populations are similar confirm that the 1988 drilling is part of the overall population at the >99th percentile. The author has no reason to suspect that the data is other than presented.

The database was validated and corrected as needed. The following sections detail the procedures, methods and strategies employed in creating the resource estimate for the Herbert Project.

Solid Model Construction

A series of cross sections generally spaced 20 m apart were developed for each of nine different zones where correlations between trends identified in gold assays, alteration zones, and multi-element data appears to exist down-dip on section and between sections. These correlations were corrected and modified as supported by surface mapping and geology.

MapInfo's 3D solid generation routine was used to construct three dimensional models from the sections. These were examined and adjusted to conform to geology and all analytical data where necessary.

Some areas provided multiple options for correlations that were permissive by geology and sample geochemistry. The correlation that best matched surface geology was selected. The Deep Trench vein was remarkable in the extreme simplicity and consistency in a very planar orientation of the correlations.

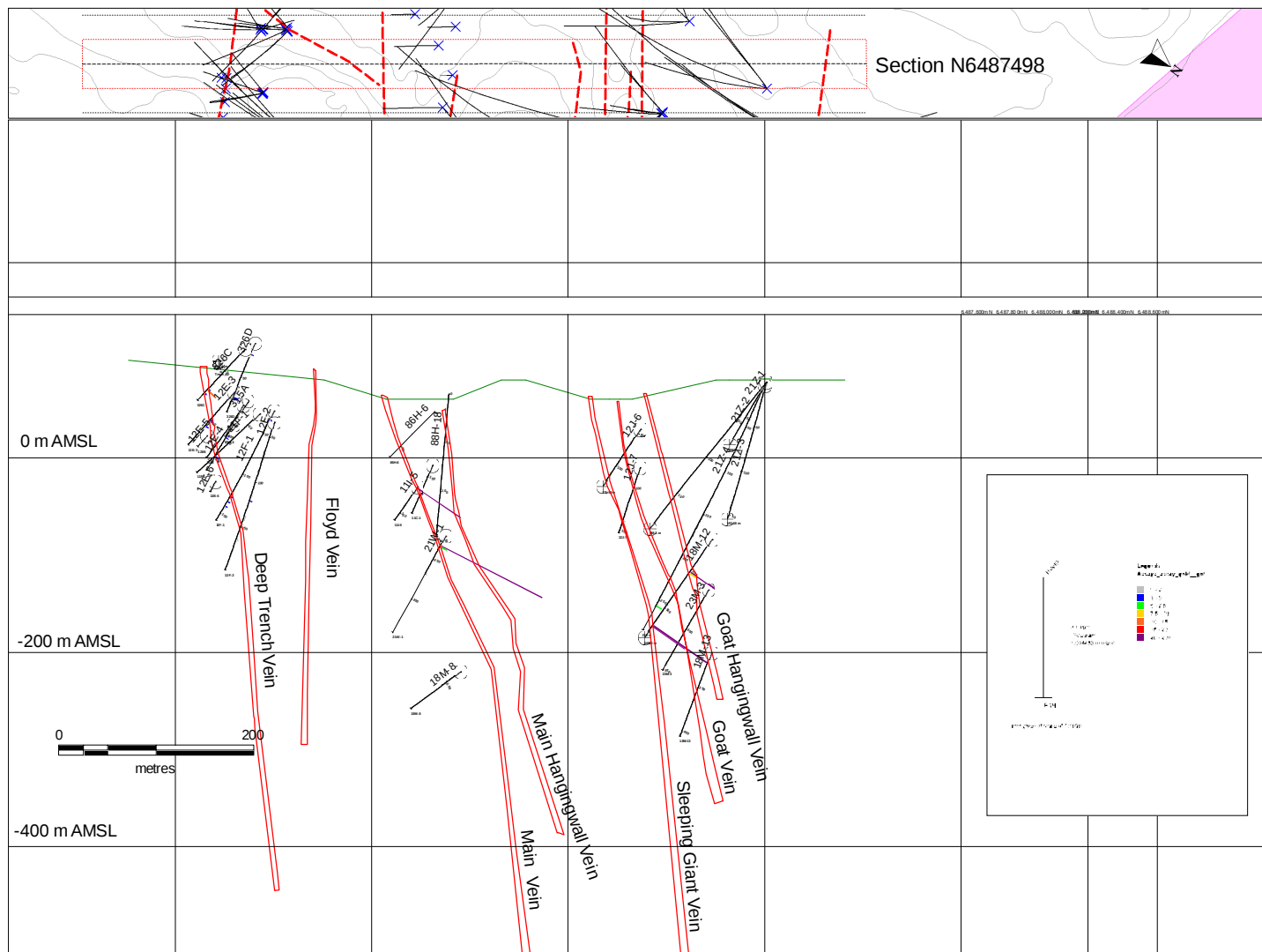


Figure 19. Typical east facing cross section showing vein correlations with drill hole traces on a 200 m grid.

Assay Database

The database consists of 211 diamond drillholes and 36 trenches and sawn channel cuts (total 47,051.6 m). Nineteen diamond drillholes were completed by a previous operator in 1986 and 1988 (total 1,607.0m) (Van Wyck and Burnett, 2012). In 2010 and 2011 forty-six additional diamond drillholes were completed with collar and downhole surveys. Thirty-nine drillholes were completed in 2012. This and the four trenches (total 19.7m) provided the database for the previous resource estimate which only used the 2010 and 2011 drillholes due to uncertainty in the location of the collars and data quality (Van Wyck and Burnett, 2012). Twelve diamond drillholes totaling 3,709 m were completed in 2017. Surveys were not completed on all drill holes, however these were the shorter holes (<100m). An additional 13 drill holes and two sawn channel cuts were completed in 2018 with survey data. Twenty-two drill holes in 2020 add another 8,397.9 m of core. In 2021 there was 8,151.6 m

of drilling in 20 drill holes, in 2022 there was 3,936.1 m drilled in five drill holes, and in 2023 there was 3,523.8 m drilled in nine drill holes. All data are considered by the author accurate for the purposes of this report

The logs were reviewed and selected assays compared to the raw data sheets. Minor from/to errors had been previously identified by the author, largely due to imperial/metric conversions. The author corrected these. Some survey data was found to be corrupted, and traced back to a bad survey instrument. These were corrected by applying a constant drift of +3 degrees azimuth and +3 degrees inclination as determined from the balance of the surveyed data. The collars, survey, and assay database has been verified and is considered appropriate for the purposes of this report.

All unsampled drill hole intervals were assigned -9 grade to facilitate resource calculations. Metallic or screened assays were used in all instances where they were available (1,083 samples). All other assays are standard one assay ton results reported using ICP finish or where over limit (>10 gpt) are reported using gravimetric finish.

14.1.1.1 Univariate Statistics

The univariate statistics for the entire database is shown on Table 7

Table 7. Univariate statistics for the entire database.

Field	au_ppm	ag_ppm	as_ppm	pb_ppm	zn_ppm	w_ppm
CountValid	4973	3755	4972	4743	4688	4379
Minimum	0.0005	0.2	2.5	0.33	1	2
Maximum	432.88	4010	153000	31800	31200	6790
Mean	2.533	3.475	4140.122	150.978	133.582	80.409
Median	0.2	0.5	1315.5	15	103	20
Range	432.879	4009.8	152997	31799	31199	6788
SD	16.515	66.470	7925.178	987.9806127	578.500	334.877

The data was composited into 1.5 m lengths down hole with all unassayed, trace, or less than detection level samples given a negative value and treated as zero grade during the compositing procedure.

Table 8. Univariate statistics for 1.5 m composites of veins as described.

Field	au_ppm	ag_ppm	as_ppm	pb_ppm	zn_ppm	w_ppm
CountValid	1296	1296	1296	1296	1296	1296
Minimum	0	0	0	0	0	0
Maximum	290	224	56692	9098.27	5490	2318.67
Mean	3.470	1.908	3024.89	158.46	79.66	38.23
Median	0.038	0.023	119.57	4.73	26.2	2.97
Range	290	224	56692	9098.27	5490	2318.67
SD	15.793	9.704	5806.52	705.67	278.34	149.09

Table 9. Univariate statistics for all 1.5 x 8 x 8 m blocks within veins.

Field	Gold	Silver
Count_n	32340	32340
CountValid	32340	32340
Minimum	1.500	0

Maximum	237.223	159.374
Mean	7.448	4.766
Median	3.355	2.344
Range	235.722	159.374
SD	15.647	10.351

The log probability plot of the raw assay data shows three populations with the lowest representing about 15% of the population with an average grade <0.1 gpt, a middle representing the next 83% of the population with an average grade near 1.25 gpt and the top 2% of the data with an average grade near 8 gpt. There is no discernable outliers within the upper population.

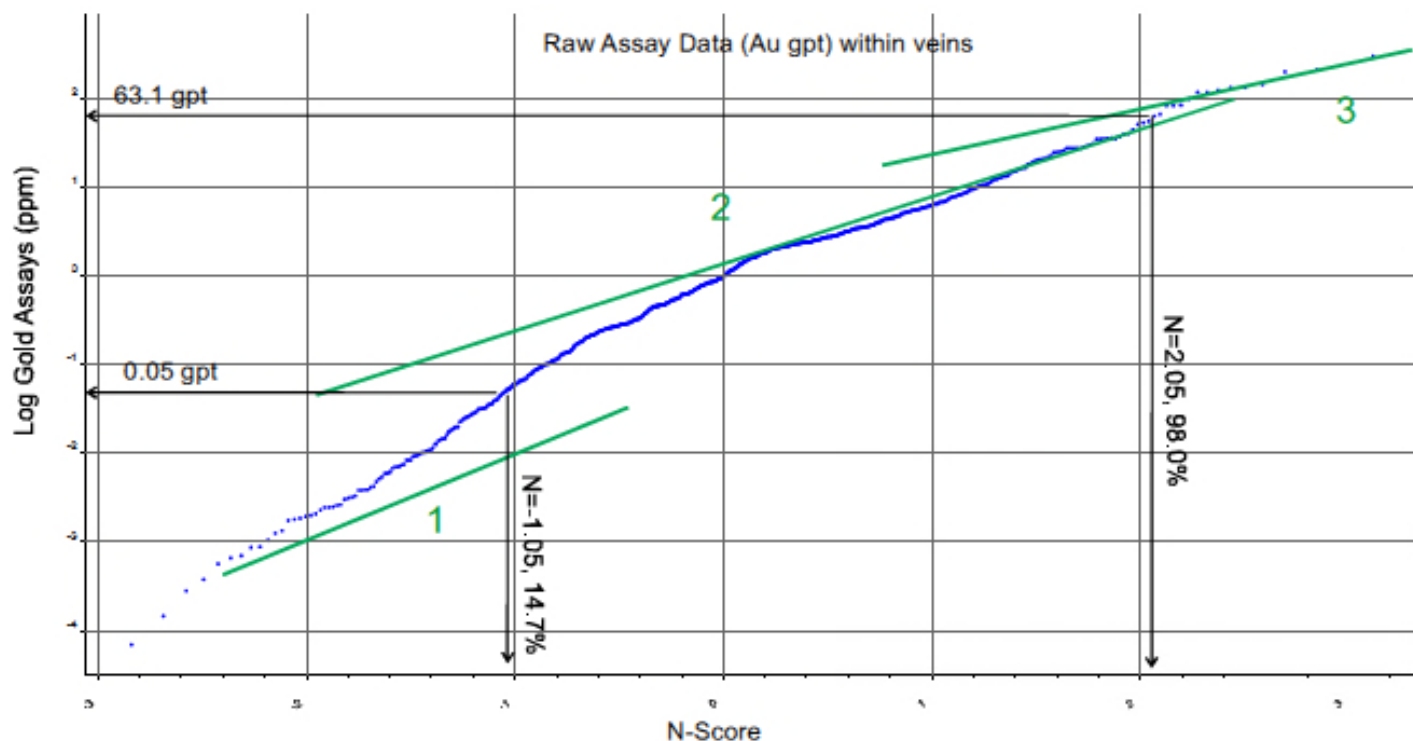


Figure 20. Log normal probability plot of the raw gold sample data.

The raw silver data shows a more complex distribution showing three populations. The lowest grade data represents 78% of the data with an average grade of 1 gpt. The balance of the samples average 6 gpt with the top 0.7% of the data averaging 10 gpt. Both of these higher grade populations appear to be truncated at the higher-grades, above 60 gpt in the larger group and above 250 gpt in the highest-grade population. It is not known what causes this as it is not seen in the gold assay data.

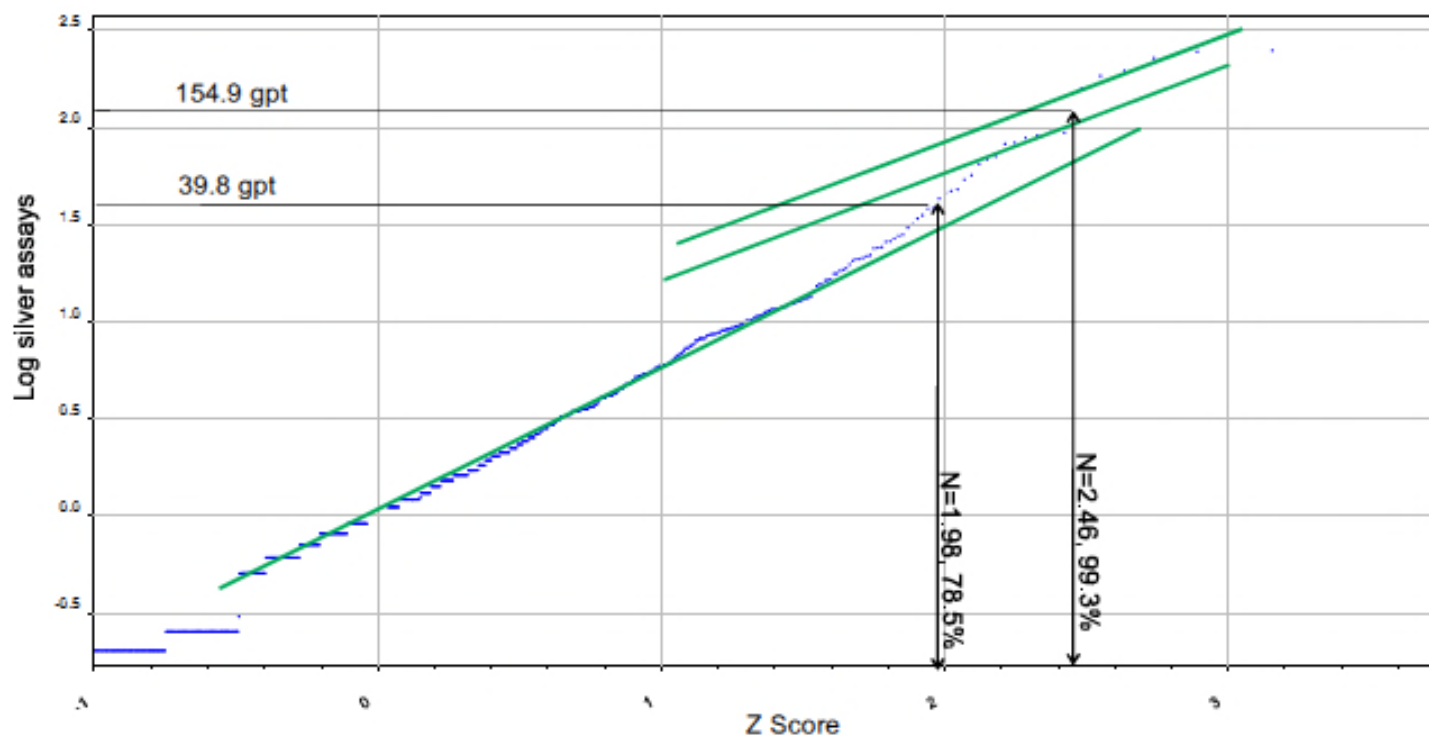


Figure 21. Log Probability of the raw silver sample data

Topography

The topographic relief is fairly steep with valleys incised east-west across a generally rising trend from 40m AMSL to 340m AMSL to the east and then more rapidly rising to >600m AMSL to the southeast. Mapping has shown that mineralization extends to surface in places and that in places these outcropping zones are constrained to topographic lows. A LiDAR survey completed in 2018 complete with DEM was used to create contours for presentation.

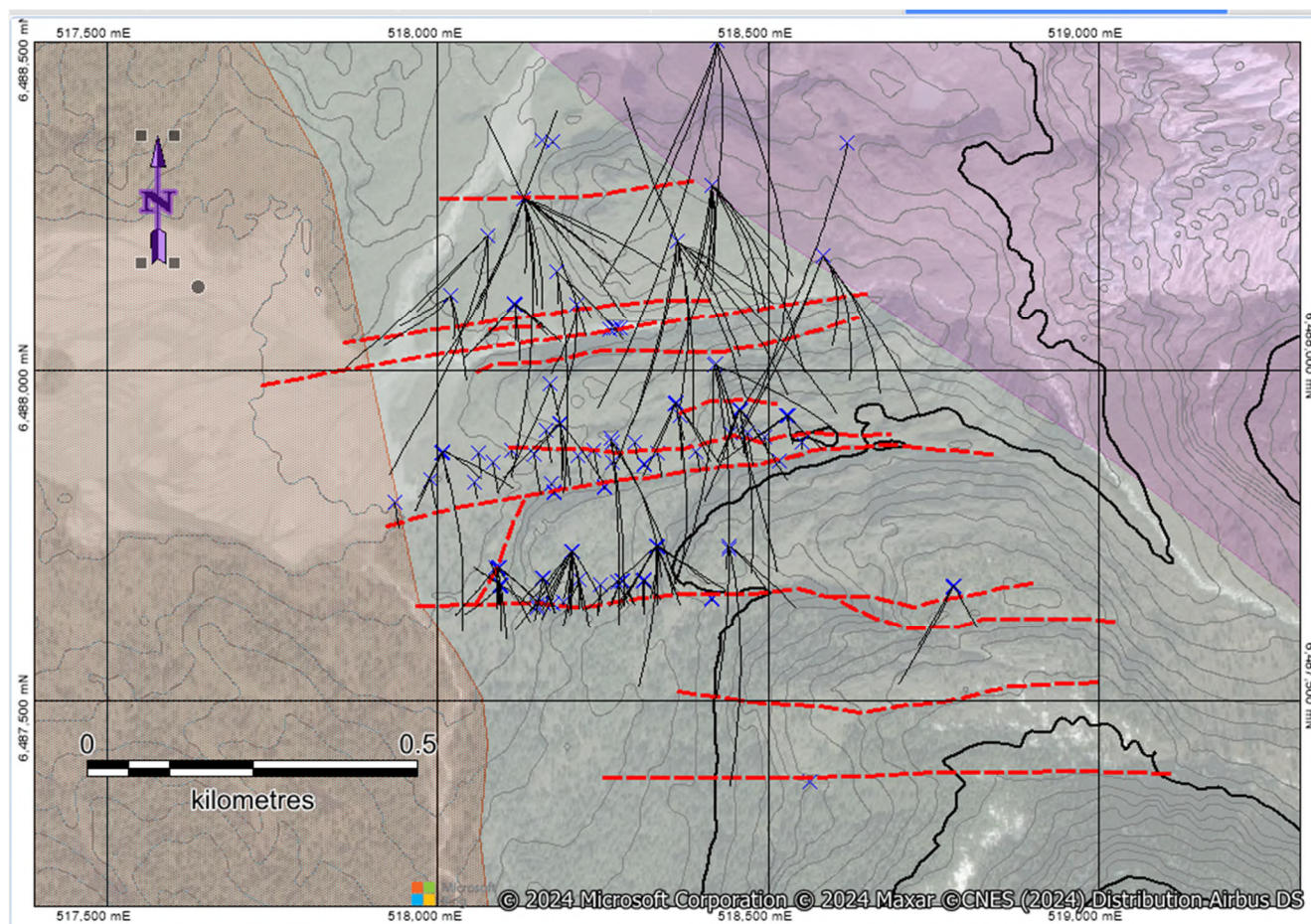


Figure 22. Topography over drill area with known veins and LiDAR lineaments.

Density

A total of 30 mineralized samples from diamond drilling in 2012 were submitted for bulk density measurements (Table 10) to ALS for their determination using water immersion protocols (ALS OA-GRA09). The average density of 2.757 gm/cm³ is used in all calculations.

Table 10. Bulk density measurements on 30 mineralized intersections from the 2012 diamond drilling.

SAMPLE	Recvd Wt.	B.D.
DESCRIPTION	Kg	g/cm3
1023405	1.42	2.76
1023406	1.26	2.76
1023407	0.58	2.66
1023408	1.95	2.83
1023409	2.34	2.78
1023410	1.07	2.85
1023411	2.22	2.82
1023412	1.09	2.73
1023413	0.84	2.63

1023414	1.68	2.78
1023415	0.92	2.80
1023416	1.58	2.71
1023417	2.05	2.79
1023418	0.93	2.83
1023419	0.58	2.73
1023420	1.78	2.78
1023421	0.51	2.70
1023422	1.13	2.77
1023423	1.03	2.76
1023424	0.71	2.74
1023425	1.38	2.75
1023426	0.63	2.75
1023427	0.56	2.63
1023428	0.55	2.78
1023429	0.58	2.78
1023430	1.17	2.75
1023431	1.08	2.71
1023432	0.56	2.72
1023433	0.82	2.74
1023434	0.57	2.89
Average		2.757

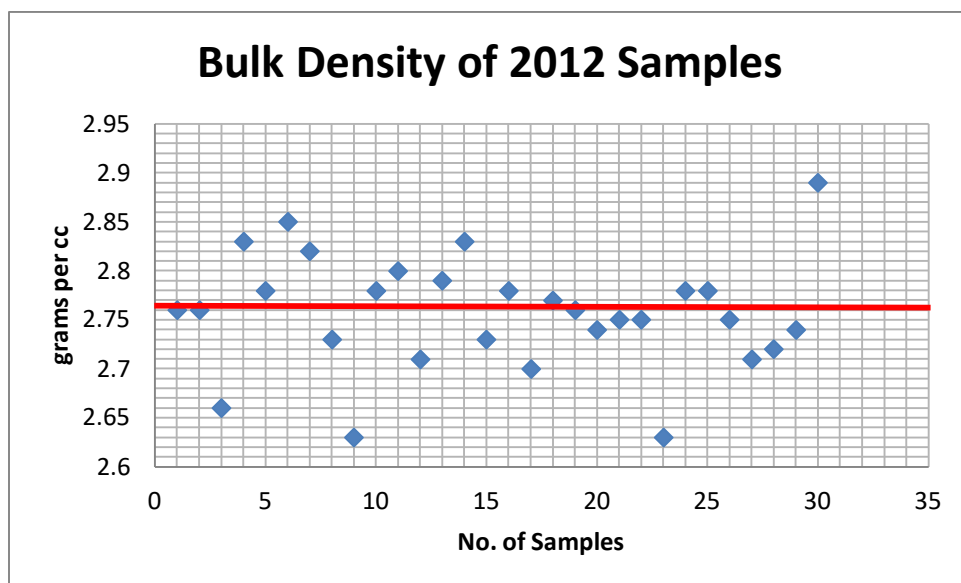


Figure 23. Density measurements on samples from Herbert Gold Project.

Bulk density samples are consistent with what the author expects to see on this project.

Compositing

For compositing and resource purposes, metallic assay data were used whenever they existed. All other data used the 1 assay ton values (1 AT). Composites over the length of the drillholes were calculated to a maximum

of 1.5m in order to provide interval-independent grades over lengths that compromise between grade delineation and dilution.

Treatment of High-grade outliers

High-grade outliers are defined as ones that appear to deviate markedly from other members of the sample in which it occurs (Grubbs, F.E., 1969).

A lognormal probability plot of the 1.5m composite data within the vein data shows a three populations. The lower population constitutes approximately 78.5% of the data and has an average grade of 1 gpt. The next population represent about 20.8% of the data and has an average grade of 4.5 gpt will the highest 0.7% of the population has an average grade of 6.3 gpt. There is no deviation from lognormal distributions until 225 gpt silver where an under-reporting of grade occurs.

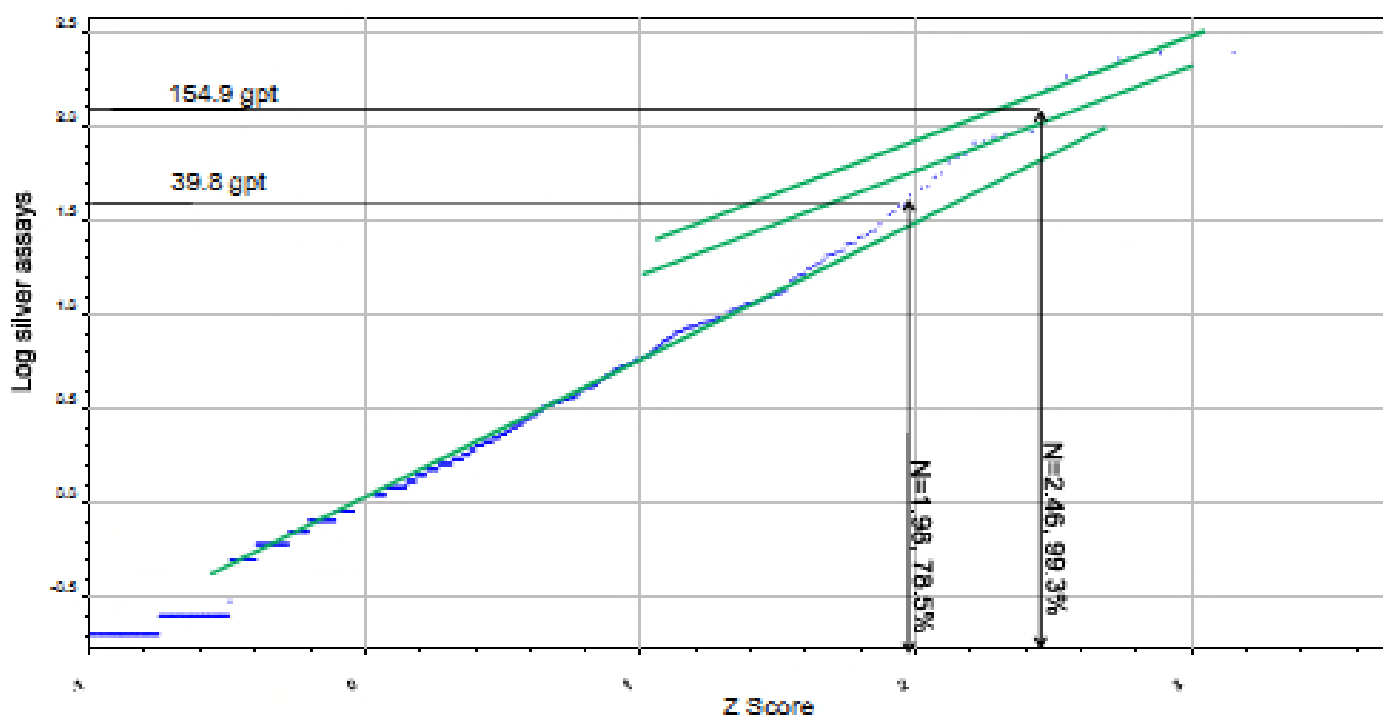


Figure 24. The uncut raw silver assay data (blue lines) shows three lognormal populations (green lines).

Variography

The low number of sample points provides no meaningful results from variography.

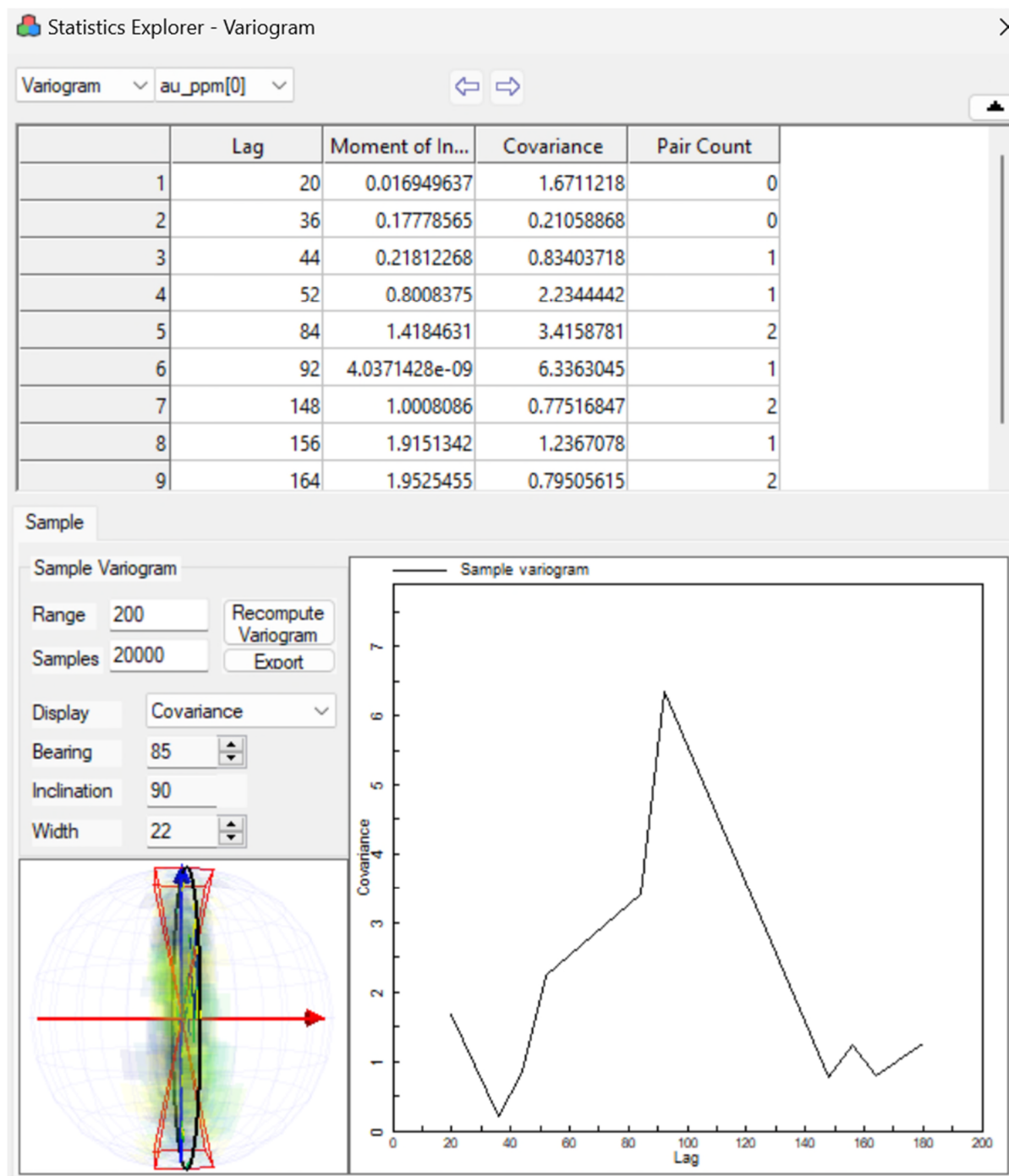


Figure 25. Variography of Deep Trench Vein with a poorly developed sill at 90 m.

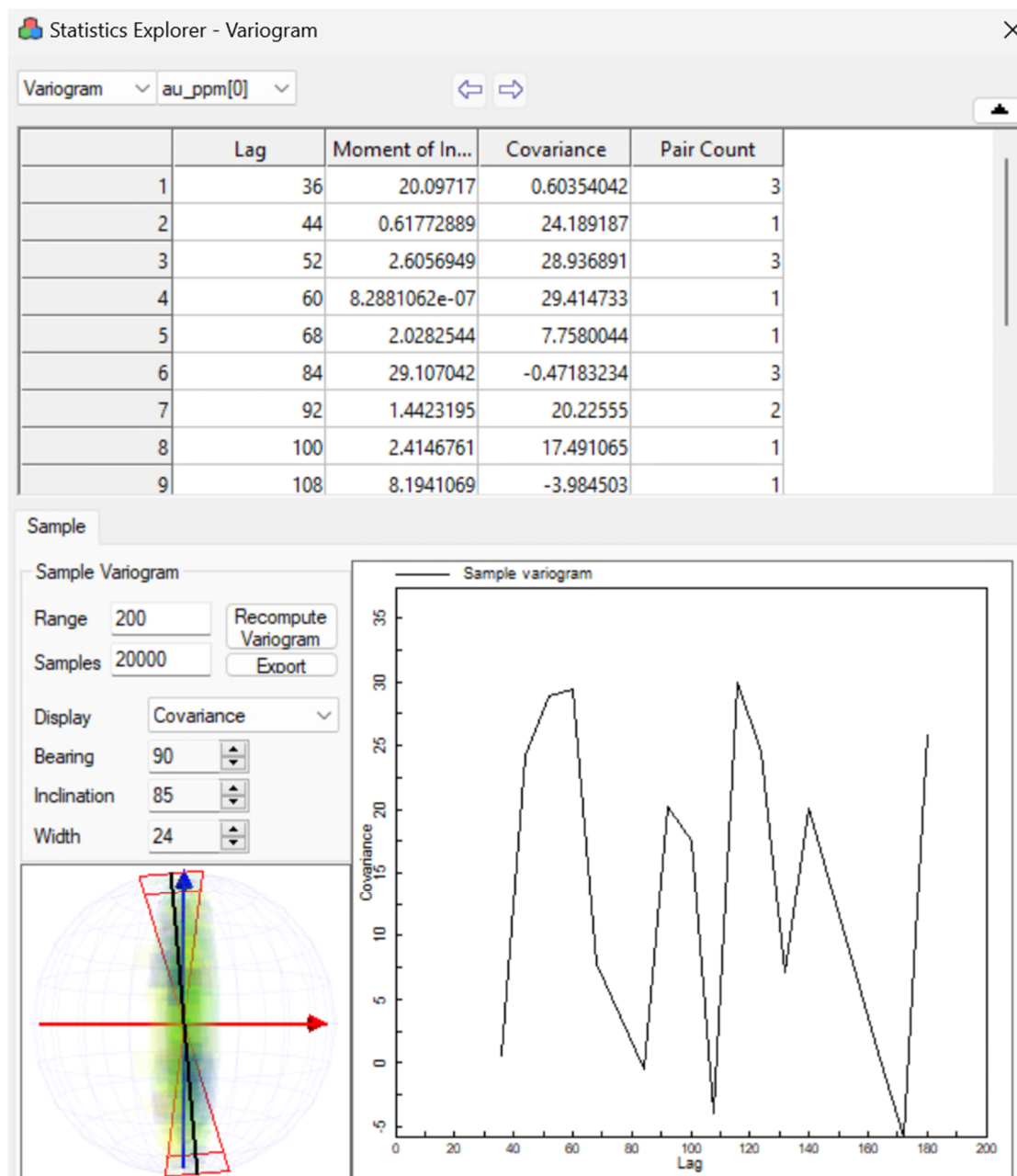


Figure 26. Variography for the Goat Main Vein with indeterminate results.

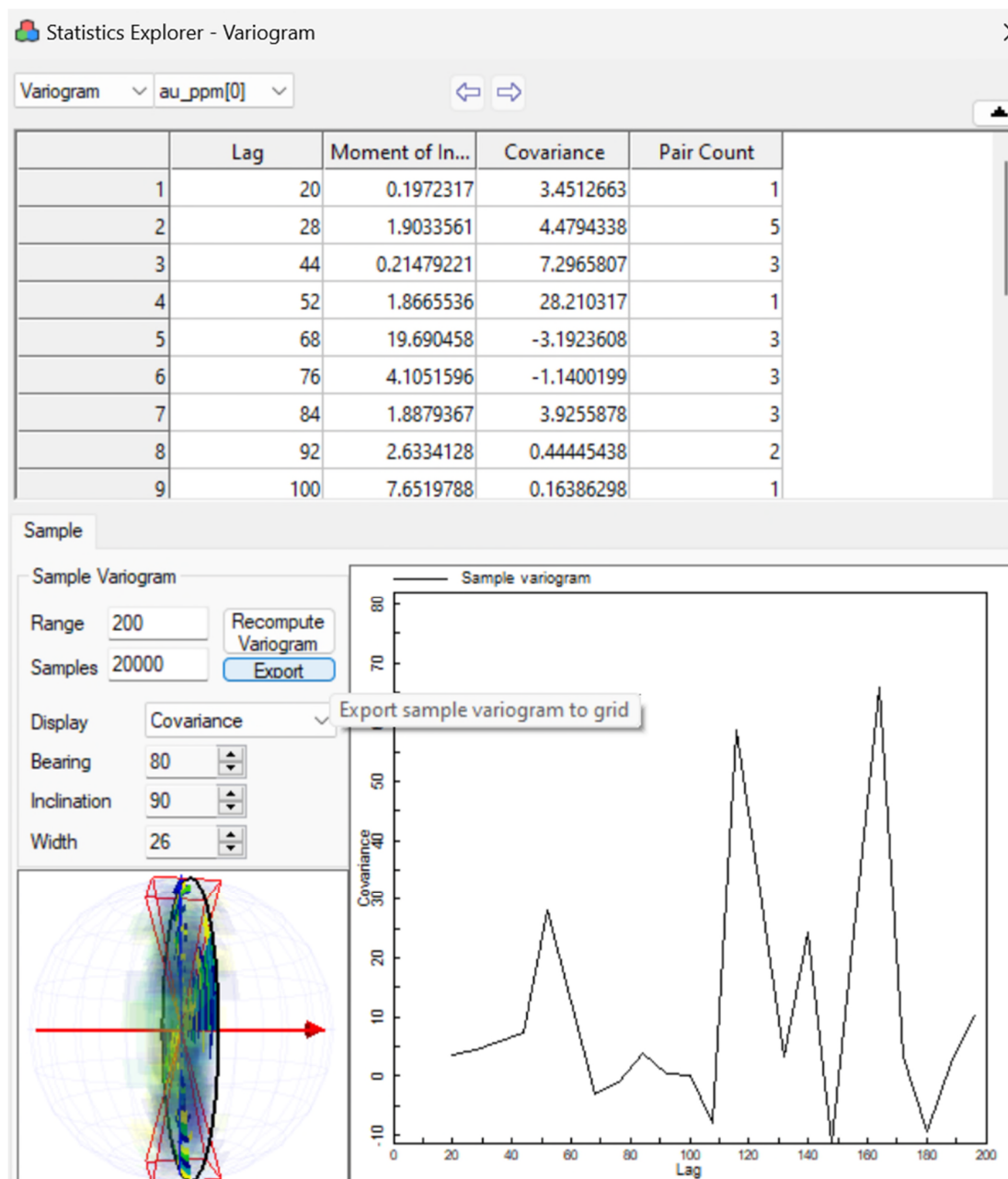


Figure 27. Variography of the Main Vein with a potential sill at 110 m.

Block Model Estimate

A series of tabular blocks 1.5 m x 8m x 8m were rotated into the plan of the vein for each of the nine veins.

Only composites with 50% or more of sub-blocks that lie within the solid were used in the estimation.

Blocks were constrained to surface topography, and by geology. Blocks west of the inclined sedimentary contact on the western side of the Main Vein and Deep Trench Vein were permitted.

Interpolation Method

The grades of each block were estimated using inverse distance squared methods. It was determined that there was insufficient data to estimate using variography. Estimation ranges of between 75 and 150m were tested and it was determined that 100m provided reasonable results. This is consistent with previous estimates.

Estimation Plans

A single pass search strategy was employed using the maximum supported ellipsoid size. An isotropic search ellipsoid was selected and a minimum of 2 and a maximum of 8 composites were allowed for each block, with no restrictions on the maximum from each drillhole due to the oblique nature of many of the intercepts.

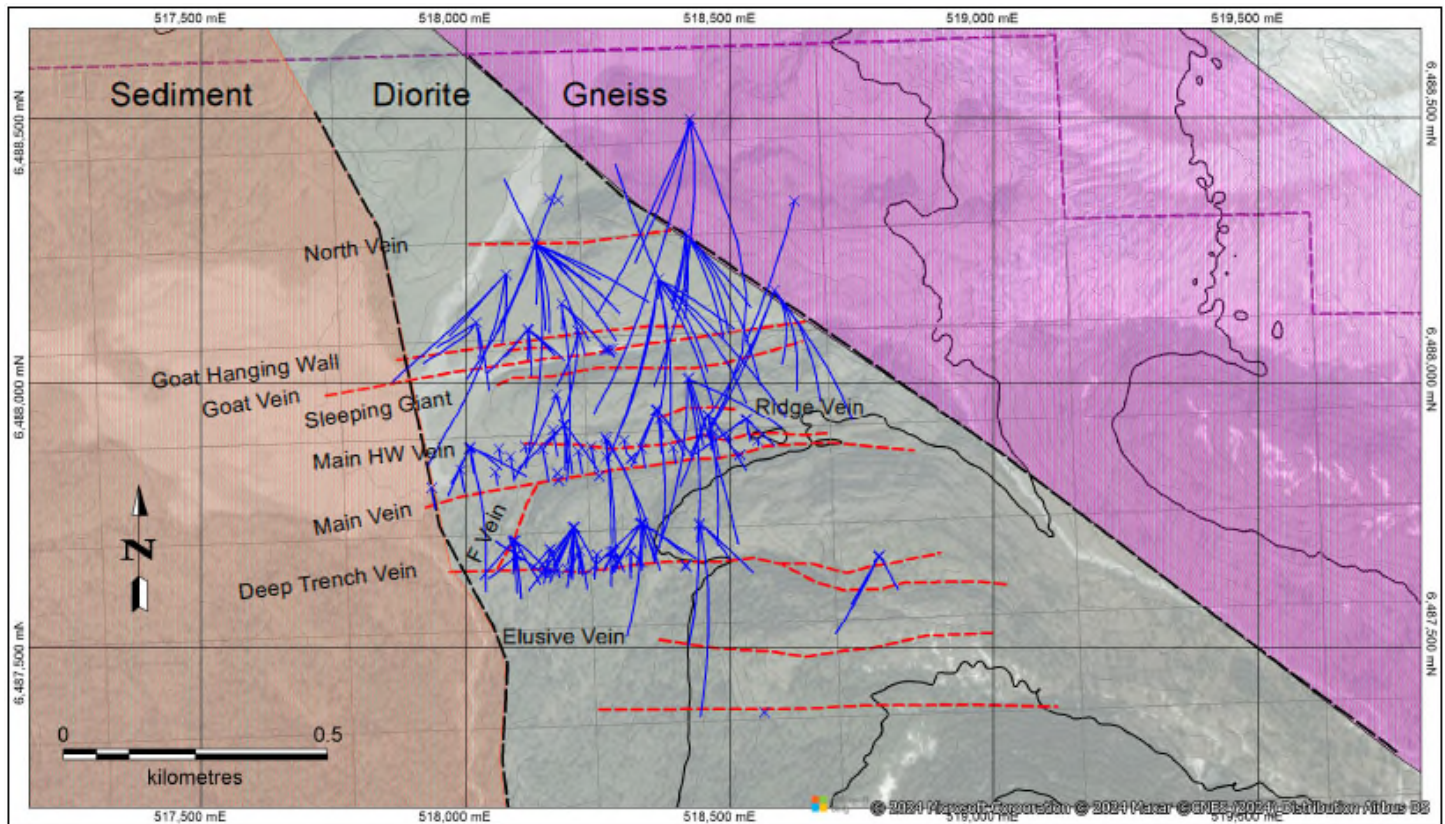


Figure 28. View of all of the vein solids, on general geology draped over topography. NAD83 Z8.

Validation of the Block Model

A graphical validation was done on the block model where cross sections, plans, and a 3D examination were conducted, testing intersections, solids and surface boundaries, and geology. Additional models were constructed removing selected drillholes to test for the robustness of the model. Each block appears to be well represented by the immediately adjoining composites as would be expected using the ID² method. An Ordinary Kriged estimate using the same parameters and an automatically generated default isotropic nugget with an anisotropic variogram was run on the Deep Trench Vein and Goat Vein as tests, providing similar results to ID².

Longitudinal cross sections and cross section populated with the resource blocks for the Deep Trench Vein are shown below with 50 m grids (red) and drill hole traces are shown.

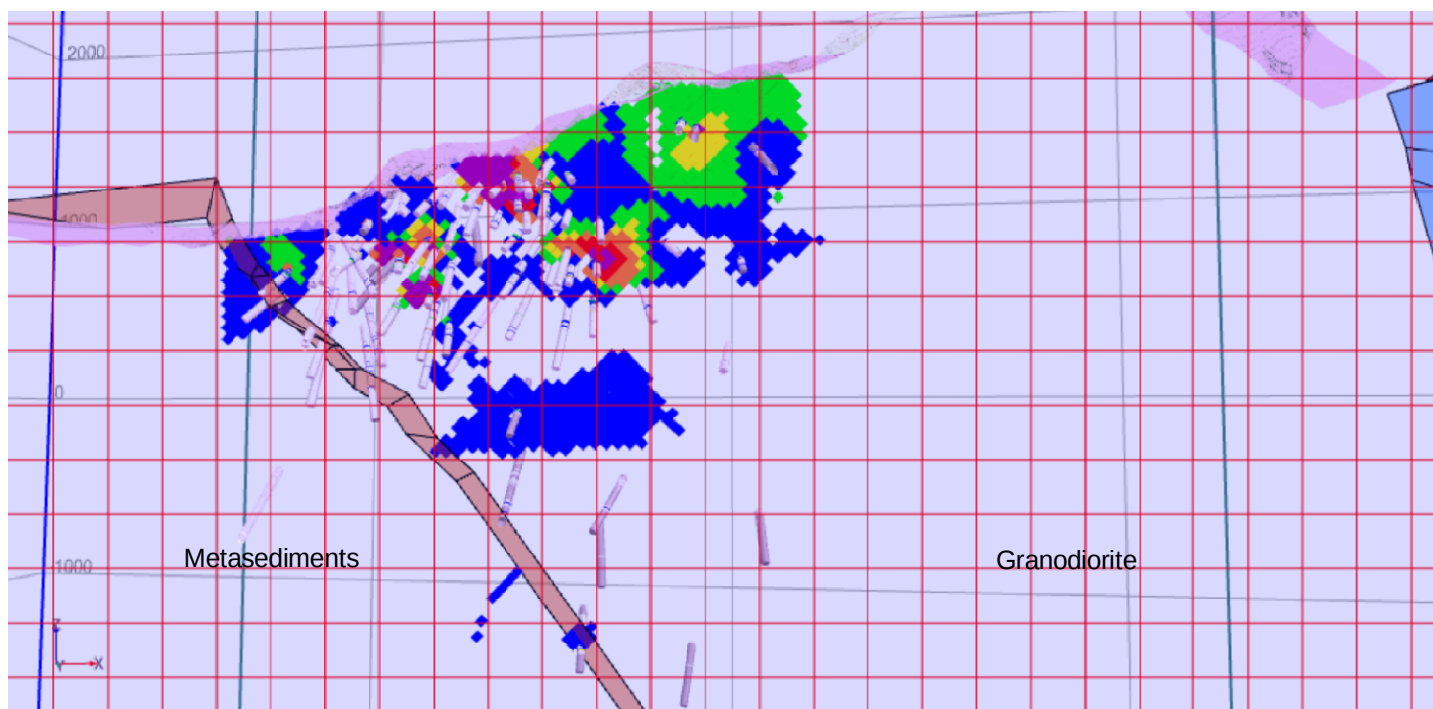


Figure 29. North-facing inclined 60m thick longitudinal section showing resource blocks and drill hole segments of the Deep Trench Vein on 50m grid (red lines).

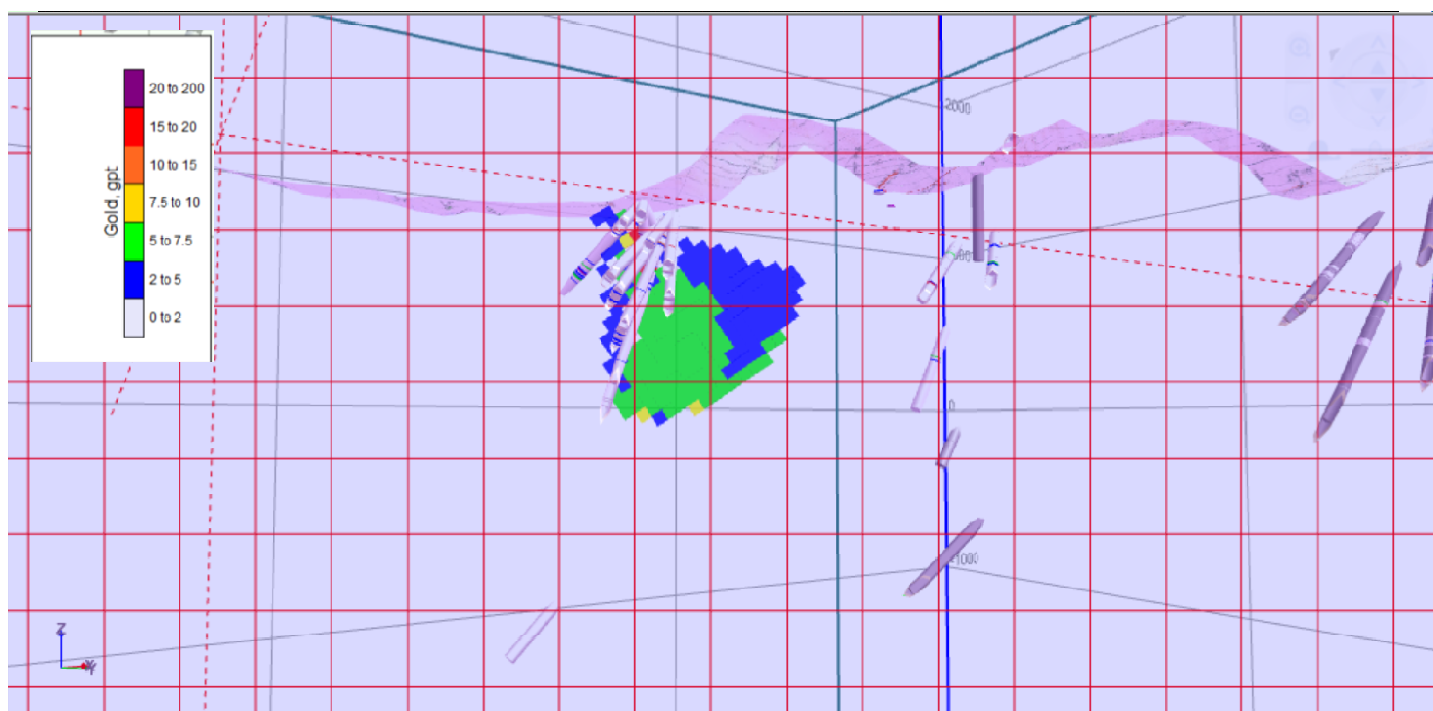


Figure 30. North-facing inclined 40m thick longitudinal section showing resource blocks and drill hole segments of the Floyd Vein on 50m grid (red lines).

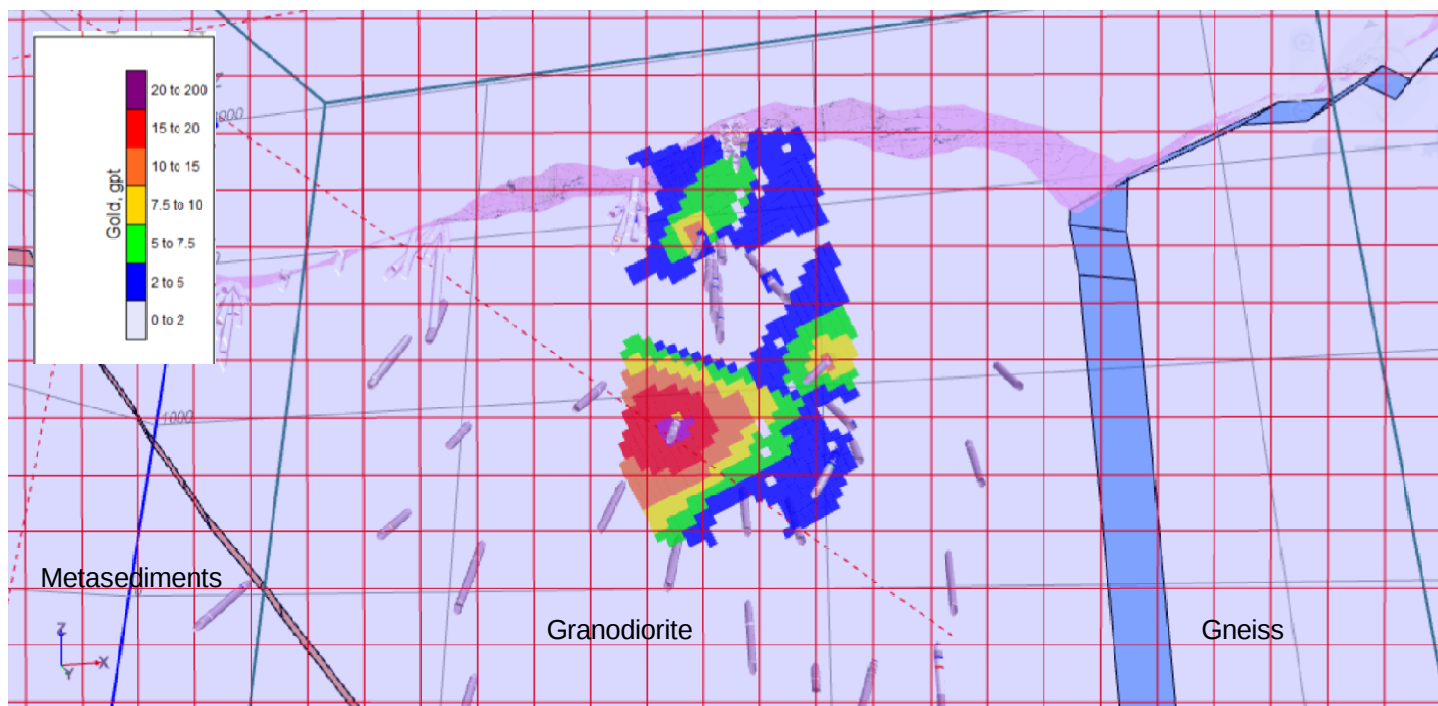


Figure 31. North-facing inclined 50m thick longitudinal section of the Ridge Vein showing resource blocks and drill hole segments on 50m grid (red lines).

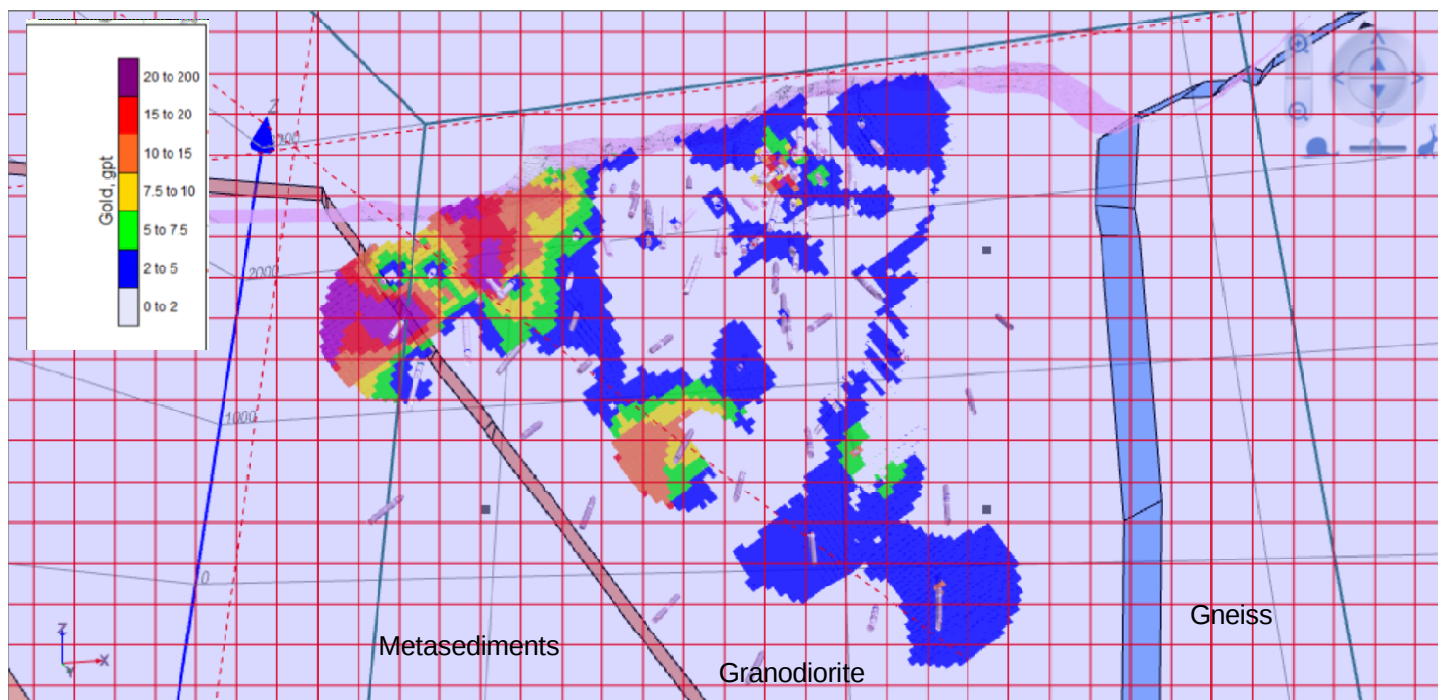


Figure 32. North-facing inclined 60m thick longitudinal section of the Main Vein showing resource blocks and drill hole segments on 50m grid (red lines).

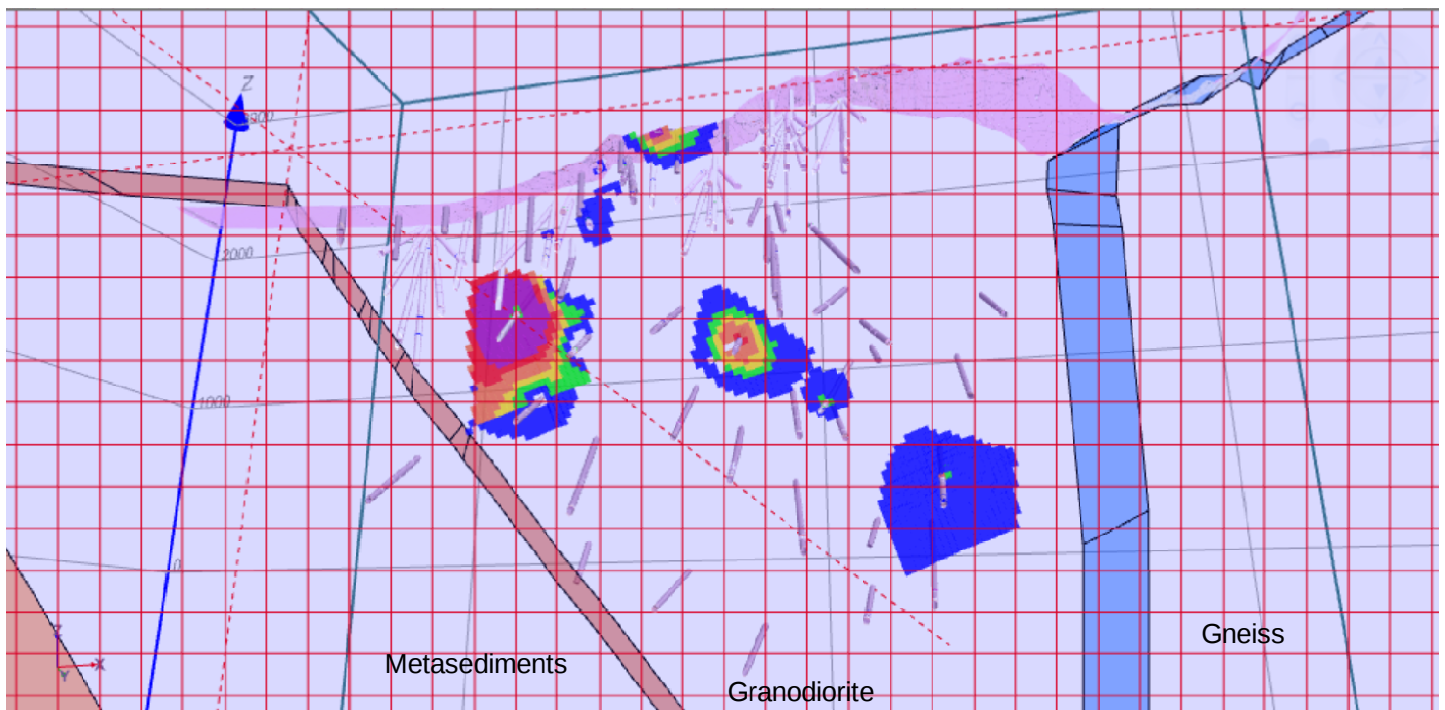


Figure 33. North-facing inclined 60m thick longitudinal section of the Main Hangingwall Vein showing resource blocks and drill hole segments on 50m grid (red lines).

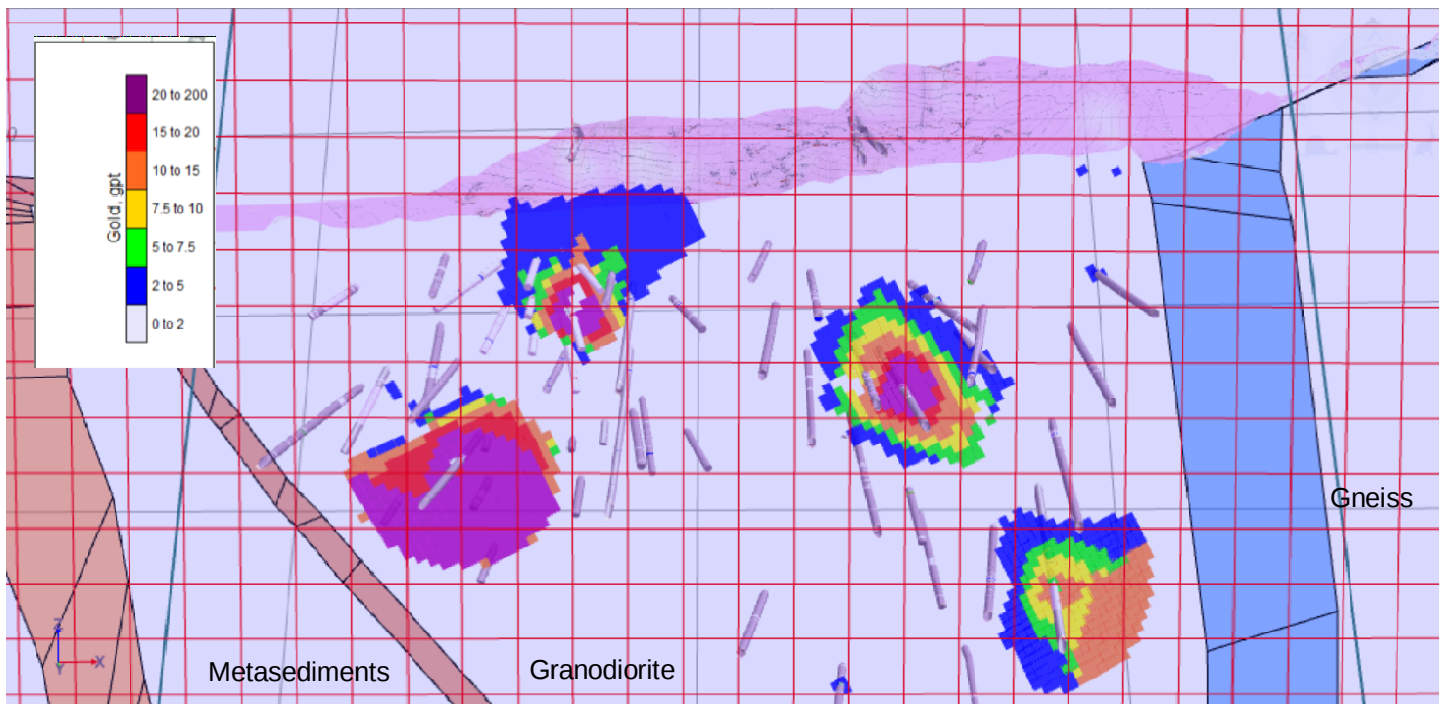


Figure 34. North-facing inclined 40m thick longitudinal section of the Sleeping Giant Vein showing resource blocks and drill hole segments on 50m grid (red lines).

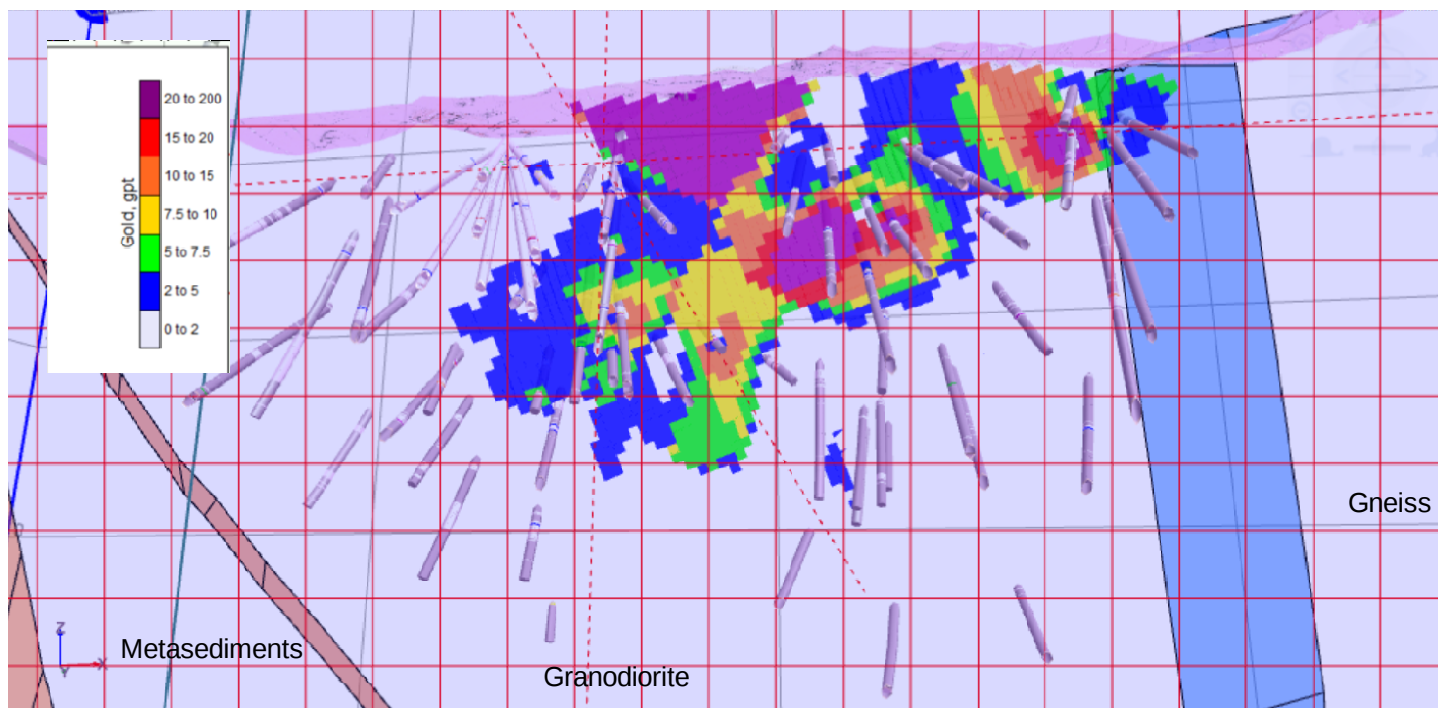


Figure 35. North-facing inclined 60m thick longitudinal section of the Goat Vein showing resource blocks and drill hole segments on 50m grid (red lines).

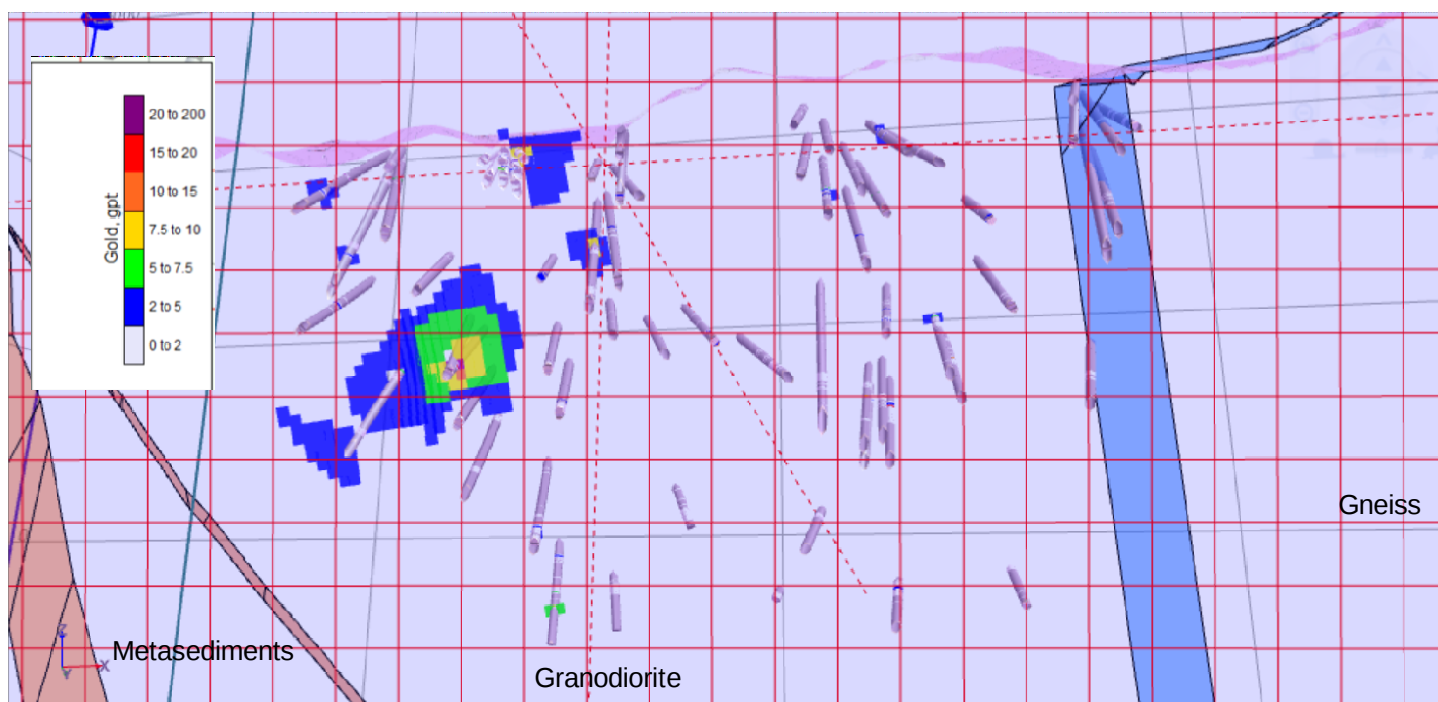


Figure 36. North-facing inclined 40m thick longitudinal section of the Goat Hangingwall Vein showing resource blocks and drill hole segments on 50m grid (red lines).

14.2 Resource Statement

Surface mapping, trenching and diamond drilling demonstrates continuity of mineralization on sections and between sections and enables three dimensional solids models to be constructed. Further modeling of the diamond drill and trench information within the solids enables the grade distribution to be estimated. An analysis of the resource blocks in the Main Vein and Deep Trench Vein reveals that many of the blocks are within 60m of composites, and these form cohesive, well-defined domains. It was decided to classify these blocks as Indicated Mineral Resources and the balance as Inferred Mineral Resources. The decision to use a 60 m cut off between Indicated and Inferred Mineral Resources is based upon a break in composite density near this point. All except less than 10% of these resource blocks classified as Indicate Mineral Resource achieve the maximum number of composites in their estimation. An US\$1,800 gold price is assumed to be reasonable for these estimation purposes.

Table 11. Sensitivity Table showing Indicated Resource by cut-off grade, composites cut to 181 gpt.

Cut-off	Tonnes	Gold Oz	Silver Oz	Gold gpt	Silver gpt
1.5 gpt	6,204,000	1,536,100	971,600	7.70	4.87
2 gpt	5,654,000	1,505,500	946,900	8.28	5.21
2.5 gpt	4,726,000	1,438,500	891,000	9.47	5.86
3 gpt	3,931,000	1,368,400	834,600	10.83	6.60

Table 12

The resource classification is presented on Table 11 and Table 12 at various cut-offs. It is believed that for the location, geometry and grade distribution, it is reasonable to report the resource at the 3.0 gpt cut-off. All figures use a specific gravity of 2.757, tonnes are rounded to the nearest thousand and ounces are rounded to the nearest hundred.

Table 11. Sensitivity Table showing Indicated Resource by cut-off grade, composites cut to 181 gpt.

Cut-off	Tonnes	Gold Oz	Silver Oz	Gold gpt	Silver gpt
1.5 gpt	6,204,000	1,536,100	971,600	7.70	4.87
2 gpt	5,654,000	1,505,500	946,900	8.28	5.21
2.5 gpt	4,726,000	1,438,500	891,000	9.47	5.86
3 gpt	3,931,000	1,368,400	834,600	10.83	6.60

Table 12. Sensitivity Table showing Inferred Mineral Resource by cut-off grade, composites cut to 181 gpt.

Cut-off	Tonnes	Gold Oz	Silver Oz	Gold gpt	Silver gpt
1.5 gpt	3,357,000	610,200	465,900	5.65	4.32
2 gpt	2,383,000	556,400	428,300	7.26	5.59
2.5 gpt	1,813,000	515,700	390,600	8.85	6.70
3 gpt	1,562,000	493,300	368,400	9.82	7.33

Table 13. Indicated Mineral Resource at 2.50 gpt cut-Off, 181 gpt cap, by vein

2.5 gpt Cutoff		Gold	Silver	Gold	Silver
Vein	Tonnes	Ounces	Ounces	Grade gpt	Grade gpt
Main Vein	1,439,000	296,840	238,100	6.42	5.15
Sleeping Giant	452,000	161,000	101,300	11.07	6.97
Main Hanging Wall Vein	486,000	148,500	94,200	9.51	6.03
Ridge Vein	286,000	91,900	36,300	9.99	3.95
Goat HW Vein	141,000	23,300	3,100	5.15	0.68
Goat Vein	1,140,000	541,400	346,700	14.78	9.46
A Vein	7,000	700	200	3.20	0.83
F Vein	44,000	7,000	1,700	4.93	1.19
Deep Trench	731,000	167,900	69,500	7.14	2.96
Subtotal	4,726,000	1,438,500	891,000	9.47	5.86

Table 14. Inferred Mineral Resource at 2.50 gpt cut-Off, 181 gpt cap, by vein

2.5 gpt Cutoff		Gold	Silver	Gold	Silver
Vein	Tonnes	Ounces	Ounces	Grade gpt	Grade gpt
Main Vein	650,000	210,500	181,700	10.08	8.70
Sleeping Giant	420,000	178,300	106,200	13.19	7.86
Main Hanging Wall Vein	291,000	48,300	64,100	5.16	6.85
Ridge Vein	91,000	28,700	5,700	9.77	1.93

Goat HW Vein	4,000	500	80	3.68	0.59
Goat Vein	256,000	35,100	27,600	4.26	3.35
A Vein	800	82	20	3.20	0.86
F Vein	44,000	7,400	1,700	5.20	1.17
Deep Trench	55,000	7,000	3,500	3.93	1.97
Subtotal	1,813,000	516,000	390,600	8.85	6.70

The presumed mining method would be underground shrinkage mining with 1.5m minimum widths or longhole with 2.0m minimum widths. Similar mines can extract planar steeply dipping veins at US\$90 to \$120 per tonne and achieve a high degree of extraction. No dilution or mine recovery factors have been included.

As such, at current or near current gold prices US\$1,800 per ounce, it is determined that there is a reasonable prospect of economic extraction under at the declared conditions.

In accordance with the Canadian Institute of Mining, Metallurgy and Petroleum (CIM) Standards on Mineral Resource and Mineral Reserves, adopted by the CIM Council, as amended; the classification of the resource is as an Indicated Mineral Resource where blocks are within 60m of two composites, and as Inferred Mineral Resource where blocks are >60 m and <100m from two composites.

Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. The mineral resource estimates generally can be affected by environmental, permitting, taxation, socio-economic, marketing, political, metallurgical, mining and infrastructure issues. These issues are normal for any mine development project and clear paths exist to deal with each aspect. No specific issues have been identified that are considered to materially affect the economics of this project.

15 Mineral Reserve Estimates (Item 15)

The Herbert Gold Property is not an advanced property, and this section does not apply to an early-stage exploration project.

16 MINING METHODS (Item 16)

The Herbert Gold Property is not an advanced property, and this section does not apply to an early-stage exploration project.

17 RECOVERY METHODS (Item 17)

The Herbert Gold Property is not an advanced property, and this section does not apply to an early-stage exploration project.

18 PROJECT INFRASTRUCTURE (item 18)

The Herbert Gold Property is not an advanced property, and this section does not apply to an early-stage exploration project.

19 MARKET STUDIES AND CONTRACTS (Item 19)

The Herbert Gold Property is not an advanced property, and this section does not apply to an early-stage exploration project.

20 ENVIRONMENTAL STUDIES, PERMITTING AND SOCIAL OR COMMUNITY IMPACT (Item 20)

The Herbert Gold Property is not an advanced property, and this section does not apply to an early-stage exploration project.

21 CAPITAL AND OPERATING COSTS (Item 21)

The Herbert Gold Property is not an advanced property, and this section does not apply to an early-stage exploration project.

22 ECONOMIC ANALYSIS (Item 22)

The Herbert Gold Property is not an advanced property, and this section does not apply to an early-stage exploration project.

23 ADJACENT PROPERTIES (Item 23)

There is one active claim block in close proximity to the Herbert Gold Project area. A small three BLM claim block registered by Douglas Toland occurs 2 km south of the Property, adjacent to some private land. Springline Mining and Exploration Inc. dropped some claims within 1 km of the north of the Property in 2013.

24 OTHER RELEVANT DATA AND INFORMATION (Item 24)

The author is not aware of any other data that has material bearing on the Herbert Gold Property.

25 INTERPRETATION AND CONCLUSIONS (Item 25)

The Herbert Gold Project is located in the heart of the historic Juneau Gold District, SE Alaska. Mineralization at the property consists of mesothermal quartz-carbonate-gold-base metal veining and is typical to that seen throughout the district. Three principal veins have been named from south to north and are the Deep Trench (and splays including Lake Vein), Main, Ridge, Sleeping Giant and Goat veins. Minor veins include the Floyd, North, and Ridge, plus hangingwall equivalents. The principal veins strike N80E and dip steeply to the north. The cumulative strike length of all mapped veins at present is over 3,700 m. Drilling at the Herbert Gold Project has been used to define an Indicated and Inferred mineral resource along a portion of the Goat, Main and Trench veins (and associated splays).

The author concludes from observation and work completed to date that the Herbert Gold Project mineralization conforms to a model of orogenic-mesothermal gold mineralization and that such systems in Alaska have potential to develop economically recoverable resources. Work to date has made good progress in identifying mineralized continuity of the Goat, Ridge, Main and Deep Trench veins along a strike lengths of 700 m, 700 m, 840 m and 860 m along strike respectively and down dip extents from surface (mean 50 to 150 m AMSL) down to elevations as deep as -470 m (470 m below sea level). No geological evidence has been found to limit the down dip extension of these veins.

The Goat Vein offers a strong potential for additional resources and four more minor veins are not well tested. Additional vein exposures recently exposed by the retreating Herbert Glacier north of the Goat Vein as well as other east-west trending structures identified in the LiDAR survey suggests substantial additional undocumented potential exists.

This resource estimate is strongly influenced by high-grade shoots along the veins which is not atypical for these types of orogenic gold deposits.

26 RECOMMENDATIONS (Item 26)

26.1 2021 EXPLORATION PROGRAM

An examination of the assays and composites reveals that there may be an influence of gold grades to elevation above mean sea level (Figure 37).

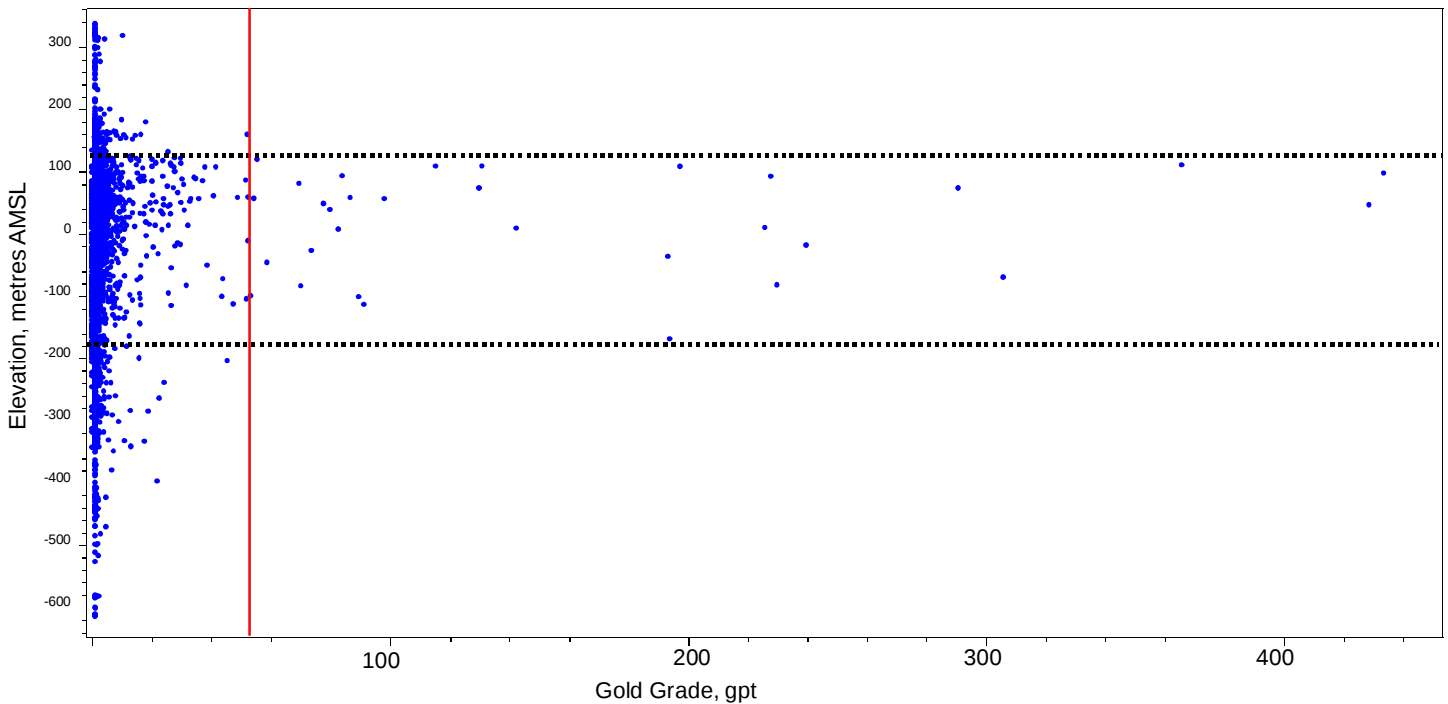


Figure 37. All raw assays vs Elevation in metres AMSL showing all assays >52 gpt occur between -180m and +128m AMSL

This may be real, or a function of data density.

An exploration program designed to increase resources and improve definition is proposed. Additional targets in the mineralized veins focusing on elevations between +128 m and -180 m is recommended. The total cost of the program is dependent upon on-going success, and the location of drill platforms, as such a significant contingency cost is included. Specific targets would be to:

- Deep Trench Vein in the central portion of the vein below -100 m AMSL.
- Main Vein in the central portion of the vein below -150m AMSL, and the western portion of the vein up to and into the metasediments.
- The Ridge Vein in its shallow portion of the eastern portion.
- The Sleeping Giant Vein below -175m AMSL from the central to western edge.
- The Goat Vein below -140 m AMSL there is a 250 m long area with no drilling bound by higher grade intercepts that should be tested.
- The Goat Hangingwall vein should be tested with shallow holes near the centre of the vein.
- All western drill holes should penetrate the metasediments, specifically where vein projections occur.
- General prospecting and sampling within the metasedimentary terrain where possible, south of the Deep Trench Vein focusing on the Floyd and Elusive veins, and on LiDAR lineaments is recommended.

- i. Prospecting to the north of the Goat Vein should continue to identify additional veins for follow-up, and drill platforms for those veins can be extended to get deeper cuts on the Goat and potentially Main Vein and their respective splays.
- j. Metallurgical testing on cores should be considered on an annual basis, looking at gravity recoverable gold, flotation as well as bulk cyanidable (bottle role testing on pulps).
- k. Additional specific gravity analyses should be completed to increase the database, incorporating wall rock as well as vein material.
- l. Additional baseline studies (water, biology, basic ABA and SWEP testing (or equivalents) should be initiated or followed-up on including consideration of reactivating the access road.
- m. Community consultation and engagement should be considered.

Table 15. Proposed budget and work program to continue to expand Herbert Gold Project resources

Item	Description	Cost
Phase One		
Drilling	Further expansion in 10 to 20 drill holes, plus pad construction	\$1,500,000
Prospecting	Expand north and south of the known mineralization	\$100,000
Metallurgical	Bulk cyanidation, gravity, density	\$100,000
Environmental	ABA, SWEP, water, biology	\$100,000
Miscellaneous	Administration, support, G&A	\$200,000
Subtotal		\$2,000,000
Phase Two		
Drilling	Conditional upon success in Phase One	\$1,100,000
Contingency		\$150,000
Subtotal		\$1,250,000
Total	Assuming success in Phase One	\$3,250,000

The contingency includes immediate follow-up drill capacity to minimize mobilization and set-up costs. These drill holes would not be drilled if the initial drill holes did not support immediate follow-up.

27 REFERENCES (Item 27)

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APPENDIX I

Glossary of Terms and Abbreviations

Glossary of Technical Terms

Adit – common mining term for a horizontal to sub–horizontal tunnel driven into a hillside to access an ore body.

Agglomerate – a volcanic rock consisting of fragments of *pyroclastic* rocks more than 2 cm in size.

Alkaline – a term applied to igneous rocks which are characterised by relatively high concentrations of sodium and potassium.

Alluvial – deposits of sediment, usually sand and gravel transported and deposited by a river.

Argillaceous rocks – a group of detrital, fine grained, sedimentary rocks subdivided into silt grade (particle size range 1/16 to 1/256 mm) and clay grade (particle size < 1/256 mm).

Arsenide – a mineral formed by the combination of arsenic with another chemical

Barite – a white, yellow or colourless mineral, BaSO₄. The principal ore of barium used in paints, drilling muds and as filler for paper and textiles. Syn: baryte, barytes.

Basic – describes an igneous rock with relatively low silica content (between 45–52% SiO₂). Basic rocks are relatively rich in iron, magnesium and calcium and thus include most mafic rocks.

Beneficiation – the process of concentration of the valuable components of an ore or other mineral commodity. Commonly includes multiple stages such as crushing, grinding, washing, screening, flotation, roasting, etc.

Breccia – a rock that has been mechanically, hydraulically or pneumatically broken into angular fragments and re–cemented

Bulk Leach Extractable Gold - more commonly shortened to BLEG is a [geochemical](#) sampling/analysis tool used during exploration for [gold](#). It was developed in the early 1980s to address concerns relating to the accurately measuring fine grained gold, and dealing with problems associated with sample heterogeneity.

Calcite – a very common rock forming mineral comprising calcium, carbon and oxygen (CaCO₃).

Cenozoic Era – period of geological time extending from 65 million years ago to the present.

Chert – sedimentary rock that is ultra–fine grained and composed almost entirely of silica. May be of organic or inorganic origin.

Core strategy: sets out the long-term spatial vision for the local planning authority area, the spatial objectives and strategic policies to deliver that vision. The core strategy will have the status of a *development plan document*.

Cretaceous – period of geological time from 142 to 65.5 million years ago. Marks the end of the *Mesozoic Era*.

Devonian – period of geological time from 417 to 354 million years ago.

Electrolytic – the process of extracting metal based on passing an electric current through a solution containing dissolved metals, causing the metals to be deposited on the cathode.

Extrusive – describes igneous rocks that have been formed by solidification of magma on or above the Earth's surface.

Felsic – In modern usage, the term felsic rock, although sometimes used as a synonym, refers to a high-silica-content (greater than 63% SiO₂ by weight) volcanic rock, such as rhyolite. In order to be classified as felsic, it generally needs to contain >75% felsic minerals; namely quartz, orthoclase and plagioclase. Rocks with greater than 90% felsic minerals can also be called *leucocratic*, meaning 'light-colored'.

Footwall – the name given to the host rock of an ore deposit that is physically below the ore deposit.

Gangue – the undesirable or unwanted minerals in an ore deposit.

Graben - An elongated block of the earth's crust lying between two faults and displaced downward relative to the blocks on either side, as in a rift valley.

Hangingwall – the name given to the host rock of an ore deposit that is physically above the ore deposit.

Highwall mining – mining method used to maximize the output of an open-pit coal mine. Remotely operated cutting or boring machines are used to penetrate the coal seam at the foot of the highwall (the final wall in an open-pit) to extract coal.

Hydrometallurgy – the treatment of ores by wet processes, resulting in the dissolution of a particular component and its subsequent recovery by precipitation, adsorption or electrolysis.

Igneous – one of the three main groups of rocks on Earth. They have a crystalline texture and appear to have consolidated from a silicate melt (magma).

Inductively coupled plasma mass spectrometry (ICP-MS) -- a type of mass spectrometry that is highly sensitive and capable of the determination of a range of metals and several non-metals at concentrations below one part in 10¹² (part per trillion). It is based on coupling together an inductively coupled plasma as a method of producing ions (ionization) with a mass spectrometer as a method of separating and detecting the ions. ICP-MS is also capable of monitoring isotopic speciation for the ions of choice.

Intrusion – a body of *igneous* rock emplaced into pre-existing rocks, either along some structural feature such as a fault or by deformation and rupturing of the invaded rocks. (Intrusive, *adj*).

Jurassic – period of geological time from 205.1–142 million years ago.

Kaolin – group of pale-coloured clay minerals. In the UK kaolin is an industrial mineral extracted from kaolinised granites in south-west England. It is used as a paper filler and coater, and for high grade ceramics and pottery (china clay).

Lenticular – lens shaped body of rock.

Lode – mining term for a mineralized *vein* (used irrespective of whether the *vein* can be economically extracted).

Mesozoic Era – period of geological time from 250 to 65.5 million years ago. Subdivided into the *Triassic*, *Jurassic* and *Cretaceous* periods.

Miocene – period of geological time from 23.8 to 5.32 million years ago.

Mudstone – fine grained sedimentary rocks that are similar to *shales* in their non-plasticity, cohesion and low water content but lack fissility.

Neogene – part of the *Cenozoic Era*, comprising the *Miocene* and *Pliocene* epochs from 23.8 to 1.81 million years ago.

Oligocene – period of geological time from 28.5 to 23.8 million years ago.

Ordovician – period of geological time from 495 to 440 million years ago.

Paleogene – part of the *Cenozoic Era* comprising the *Paleocene*, *Eocene* and *Oligocene* epochs, from 65.5 to 23.8 million years ago.

Paleozoic Era – period of geological time from 545 to 245 million years ago. Subdivided into the *Cambrian*, *Ordovician*, *Silurian*, *Devonian*, *Carboniferous* and *Permian Periods*.

Permian – period of geological time from 280 to 255 million years ago marks the end of the Paleozoic Era. Globally important source of coal.

Pliocene – period of geological time from 5.3 to 1.81 million years ago.

Precambrian - an informal name for the span of time before the current Phanerozoic Eon, and is divided into several eons of the geologic time scale. It spans from the formation of Earth around 4600 Ma (million years ago) to the beginning of the Cambrian Period, about 542 Ma, when macroscopic hard-shelled animals first appeared in abundance. Accounts for 90% of all geological time and ends approximately 545 million years ago.

Proterozoic - a geological eon representing a period before the first abundant complex life on Earth. The Proterozoic Eon extended from 2500 Ma to 542.0 ± 1.0 Ma (million years ago), and is the most recent part of the old, informally named 'Precambrian' time.

Pyroclastic – fragmental volcanic material that has been blown into the atmosphere by an explosive eruption.

Pyrometallurgical – the treatment of ores by processes involving heating.

Quarrying (mining) – the extraction of rock from an open pit site.

Quaternary – the uppermost part of the *Cenozoic Era* from 1.81 million years ago to present day.

Refractory – a general term for a material that resists chemical or physical change.

Refractory ore – ore from which it is difficult to extract the valuable constituents. This material may require special treatments, such as pressure leaching, to recover the valuable minerals.

Sedimentary rocks – rocks formed from material derived from other rocks by weathering. Deposited by water, wind or ice.

Silurian – period of geological time from 440 to 417 million years ago.

Stope – mining term for the underground void left after ore extraction has taken place.

Stratabound – an ore deposit that is confined to a single stratigraphic bed or horizon but which does not constitute the entire bed.

Stratiform – an ore deposit that occurs as a specific stratigraphic (i.e. sedimentary) bed.

Sulphide – a mineral formed by the combination of sulphur with another chemical element. Most economic deposits of non-ferrous metals occur as sulphide minerals e.g. galena, PbS; sphalerite, ZnS; chalcopyrite, CuFeS₂.

Triassic – period of geological time from 250 to 205.1 million years ago. This period marks the beginning of the *Mesozoic Era*.

Tuff -- is a type of rock consisting of consolidated volcanic ash ejected from vents during a volcanic eruption.

Tuff Breccia and Volcanic Agglomerate - as distinguished from the true ashes, these tend to occur in angular fragments; and when they form a large part of the mass the rock is more properly a "volcanic breccia" than a tuff. The ashes vary in size from large blocks ten meters or more in diameter to the minutest impalpable dust. Any ash in which large angular blocks are very abundant is called an agglomerate.

Ultrabasic – describes an igneous rock containing less than 45% silica (SiO₂), including most ultramafic rocks.

Ultramafic – composed chiefly of *ferromagnesian* (Fe–Mg) minerals, such as olivine and pyroxene.

Vein – A tabular or sheet-like assemblage of minerals that has been intruded into a joint or fissure in rocks.

Volcanogenic massive sulphide, VMS – an ore deposit typically comprising a lens of massive sulphide minerals (>60% sulphide) formed by volcanic processes normally on the sea-floor. VMS deposits are important sources of copper, lead and zinc.

Wallrock – an economic geology term used to describe the rock adjacent to an accumulation of ore minerals (veins, layers, disseminations, etc.).

Workings – the current or past underground or surface openings and tunnels of a mine. More specifically, the area where the ore has been extracted.

Zoning – in economic geology, the spatial distribution of distinct mineral assemblages or chemical elements associated with an ore-forming process.

Abbreviations

Unless otherwise indicated, the metric system of measure has been used throughout this report, including metric tons (tonnes, t), kilograms (kg) or grams (g) for weight, kilometers (km) or metres (m) for distance, hectares (ha) for area, liters (L) for volume and grams per tonne for gold (gpt Au) and silver (gpt Ag) grades. Base metal grades are usually expressed in weight percent (%). Geochemical results or precious metal grades may be expressed in parts per million (ppm) or parts per billion (ppb) (1 ppm = 1 g/t). Precious metal quantities may also be reported in troy ounces (ounces, oz), a common practice in the mining industry. In the Imperial System, significant gold concentrations are reported as troy ounces per short ton. In the metric system, gold concentration is now reported in grams per metric tonne. One troy ounce per short ton= 34.2857 grams per metric tonne. Currency values are in Canadian dollars (\$CDN).

Description	Abbreviation	Description	Abbreviation
Above mean sea level	amsl	Millions of years ago	Ma
Atomic absorption	AA	Inductively coupled plasma mass spectrometry	ICPAR-UT
Banded Iron Formation	BIF	Kilometre(s)	km
Bulk Leach Extractable Gold	BLEG	Lead	Pb
Bureau Veritas Laboratories International	BVI	Methyl isobutyl ketone	MIBK
Canadian Dollars	\$CDN	Ounce(s)/Troy ounce(s)	oz
Canadian National Instrument 43-101	NI 43-101	Ounce per ton	Oz/t
Centimetre(s)	Cm	Parts per billion	ppb
Degree(s)	°	Parts per million	ppm
Degrees Centigrade/Celsius	°c	Percent	%
Foot/feet	ft.	Qualified Person(s)	QP(s)
Fire Assay	FA	Quality Assurance/Quality Control	QA/QC
Geological Survey of Canada	GSC	Reduced Level	RL
Gold	Au	Rock quality designation	RQD
Gram(s)	g	Silver	Ag
Gram-metres per tonne, metres x grams per tonne	g/t	Specific gravity	SG
Grams per tonne	g/t	Square kilometers	km ²
Inch(es)	in	Three-dimensional	3D
Micron(s)	μ	Tonnes per cubic metre	t/m ³
Metre(s)	m	Two-dimensional	2D
		Volcanogenic massive sulphide deposits	VMS



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Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Submitted By: Dave Webb
Receiving Lab: Canada-Vancouver
Received: October 08, 2021
Analysis Start: December 09, 2021
Report Date: January 02, 2022
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN21003502.1

CLIENT JOB INFORMATION

Project: MON
Shipment ID:
P.O. Number
Number of Samples: 7

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
STOR-RJT Store After 60 days Invoice for Storage

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: DRW Geological Consultants Ltd.
1909 108 W. Cordova St.
Vancouver British Columbia V6B 0G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
BAT01	1	Batch charge of <50 samples			VAN
PRP70-250	6	Crush, split and pulverize 250 g rock to 200 mesh			VAN
SLBHP	1	Sort, label and box pulps			VAN
FA330	7	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
AQ270	7	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
FA530	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: January 02, 2022

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CERTIFICATE OF ANALYSIS

VAN21003502.1

	Method	WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5
3195856	Rock	1.10	>10000	<3	2	1.1	272.4	205.3	63	2.8	84.4	27.2	157	2.45	267	<0.5	1.5	10	<0.5	<0.5	1.5
3195857	Rock	0.92	12	<3	<2	<0.5	11.3	1.9	<5	<0.5	1.2	<0.5	113	0.40	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
3195858	Rock	1.20	92	<3	<2	1.0	922.8	19.6	13	1.5	58.3	44.2	104	2.37	28	<0.5	<0.5	<5	<0.5	<0.5	<0.5
3195860	Rock	0.71	17	<3	3	0.7	55.5	7.3	16	<0.5	8.4	5.5	89	0.85	166	<0.5	<0.5	6	<0.5	<0.5	<0.5
3195861	Rock	2.02	261	<3	<2	1.3	30.2	3.9	32	<0.5	11.0	7.8	125	1.46	3153	<0.5	<0.5	<5	<0.5	0.5	<0.5
3195862	Rock Pulp	0.08	2	<3	3	5.6	101.4	3.6	39	<0.5	12.9	10.4	498	3.60	<5	0.8	2.6	96	<0.5	<0.5	<0.5
3195855	Rock	0.87	70	<3	4	3.0	62.2	12.4	105	<0.5	84.3	22.4	274	3.99	10	1.0	5.6	23	<0.5	<0.5	0.5



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Client: **New Discovery Mines Ltd.**
6120 185A St.
Surrey British Columbia V3S 7P9 Canada

Project: MON
Report Date: January 02, 2022

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CERTIFICATE OF ANALYSIS

VAN21003502.1

	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	FA530
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2
3195856	Rock	33	0.47	0.025	9.0	37.8	0.94	23	0.116	0.75	0.06	0.06	0.6	<0.05	3.2	<0.5	0.72	<5	<2
3195857	Rock	<10	0.70	0.005	0.7	3.3	0.18	<5	0.014	0.09	<0.01	<0.01	9.0	<0.05	<0.5	<0.5	<0.05	<5	<2
3195858	Rock	<10	0.43	0.007	1.2	10.8	0.25	<5	0.021	0.44	0.03	0.04	<0.5	<0.05	1.3	<0.5	1.60	<5	3
3195860	Rock	<10	0.24	0.002	1.1	16.9	0.28	<5	0.058	0.30	0.03	0.03	<0.5	<0.05	1.5	<0.5	0.14	<5	<2
3195861	Rock	10	0.13	<0.001	<0.5	21.1	0.86	<5	0.002	0.60	<0.01	<0.01	<0.5	<0.05	1.5	<0.5	0.20	<5	<2
3195862	Rock Pulp	95	1.13	0.055	6.7	26.6	0.86	142	0.180	1.99	0.25	0.25	1.3	<0.05	3.4	<0.5	<0.05	5	<2
3195855	Rock	71	0.19	0.063	25.0	122.8	1.47	174	0.127	3.06	0.06	1.12	<0.5	<0.05	7.6	<0.5	0.17	10	<2



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QUALITY CONTROL REPORT

VAN21003502.1

	Method Analyte Unit MDL	WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5
Pulp Duplicates																					
3195856	Rock	1.10	>10000	<3	2	1.1	272.4	205.3	63	2.8	84.4	27.2	157	2.45	267	<0.5	1.5	10	<0.5	<0.5	1.5
REP 3195856	QC					1.1	274.1	202.8	63	1.2	84.8	27.1	158	2.48	265	<0.5	1.5	10	<0.5	<0.5	1.7
3195855	Rock	0.87	70	<3	4	3.0	62.2	12.4	105	<0.5	84.3	22.4	274	3.99	10	1.0	5.6	23	<0.5	<0.5	0.5
REP 3195855	QC	81				<3	4														
Reference Materials																					
STD AGPROOF	Standard																				
STD OREAS605	Standard					4.9	47774.9	871.7	2168	988.1	1604.0	104.6	82	3.77	1726	0.9	2.2	46	13.2	265.6	16.4
STD OREAS927-AR	Standard					1.1	10748.2	205.4	721	4.7	30.5	30.9	1074	8.25	13	1.5	11.5	12	1.0	1.2	57.6
STD OXA147	Standard	82		4	<2																
STD OXG140	Standard	1003		<3	<2																
STD OXQ132	Standard																				
STD OXQ132	Standard																				
STD OREAS605 Expected						4.75	49800	856	2170	984	1568	96	83.44	3.6707	1674	0.9	49		13.6	290	19
STD OREAS927-AR Expected						1.06	10715	203	726	4.6	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66
STD OXA147 Expected		82																			
STD OXG140 Expected		1019																			
STD OXQ132 Expected																					
BLK	Blank					<0.5	0.6	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
BLK	Blank	4		<3	<2																
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank	3		<3	<2	0.8	4.9	2.7	34	<0.5	1.2	3.4	450	1.72	<5	<0.5	1.9	17	<0.5	<0.5	<0.5



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Client: **New Discovery Mines Ltd.**
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Project: MON
Report Date: January 02, 2022

Bureau Veritas Commodities Canada Ltd.

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QUALITY CONTROL REPORT

VAN21003502.1

	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	FA530
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Au
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.9
Pulp Duplicates																				
3195856	Rock	33	0.47	0.025	9.0	37.8	0.94	23	0.116	0.75	0.06	0.06	0.6	<0.05	3.2	<0.5	0.72	<5	<2	10.2
REP 3195856	QC	33	0.48	0.025	9.2	37.7	0.95	23	0.116	0.76	0.06	0.06	0.6	<0.05	3.3	<0.5	0.75	<5	<2	
3195855	Rock	71	0.19	0.063	25.0	122.8	1.47	174	0.127	3.06	0.06	1.12	<0.5	<0.05	7.6	<0.5	0.17	10	<2	
REP 3195855	QC																			
Reference Materials																				
STD AGPROOF	Standard																			
STD OREAS605	Standard	<10	0.18	0.009	7.1	31.8	0.03	159	0.010	0.75	0.03	0.13	6.4	1.59	0.9	15.0	7.62	6	80	
STD OREAS927-AR	Standard	25	0.31	0.050	25.2	44.0	1.96	41	0.091	3.27	<0.01	0.25	5.2	0.07	3.6	<0.5	1.73	8	17	
STD OXA147	Standard																			
STD OXG140	Standard																			
STD OXQ132	Standard																			
STD OXQ132	Standard																			
STD OREAS605 Expected		7.8	0.182	0.0105	7.5	28.8	0.0289	222	0.0103	0.73	0.0328	0.134	7.1	1.7	1.3	15.5	7.86	6.7	77	
STD OREAS927-AR Expected		34	0.3	0.054	26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5	
STD OXA147 Expected																				
STD OXG140 Expected																				
STD OXQ132 Expected																				
BLK	Blank	<10	<0.01	<0.001	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2	
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
ROCK-VAN	Prep Blank	21	0.52	0.037	6.2	3.2	0.44	44	0.101	0.76	0.08	0.08	<0.5	<0.05	2.6	<0.5	<0.05	<5	<2	



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Page: 1
Total # Pages: 2 (A)
Plus Appendix Pages
Finalized Date: 22-NOV-2023
Account: GRAPORT

CERTIFICATE VA23316565

Project: Herbert Gold
P.O. No.: 23-11_GPG

This report is for 1 sample of Reject submitted to our lab in Vancouver, BC, Canada on 10-OCT-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kg to 106um

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

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:

Saa Traxler, Director, North Vancouver Operations



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Finalized Date: 22-NOV-2023
Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS **VA23316565**

Sample Description	Method Analyte Units LOD	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
730983		3.43	16.45	2.45	1.185	71.95	948.6	2.30	2.59



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Total # Appendix Pages: 1
Finalized Date: 22-NOV-2023
Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS	VA23316565
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CERTIFICATE COMMENTS	
Applies to Method:	LABORATORY ADDRESSES Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au-AA25 FND-03 PUL-32 Au-SCR21 SCR-21 BAG-01 SPL-21



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Finalized Date: 23-DEC-2023
Account: GRAPORT

CERTIFICATE VA23312333

Project: Herbert Gold
P.O. No.: 23-9_GPG

This report is for 1 sample of Reject submitted to our lab in Vancouver, BC, Canada on 30-OCT-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kg to 106um

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

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:

Saa Traxler, Director, North Vancouver Operations



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Total # Pages: 2 (A)
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Finalized Date: 23-DEC-2023
Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS **VA23312333**

Sample Description	Method Analyte Units LOD	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
730942		1.77	5.97	1.89	0.120	20.10	994.6	1.55	1.83



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Total # Appendix Pages: 1
Finalized Date: 23-DEC-2023
Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS	VA23312333
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CERTIFICATE COMMENTS	
Applies to Method:	LABORATORY ADDRESSES Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au-AA25 FND-03 PUL-32 Au-SCR21 SCR-21 BAG-01 SPL-21



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Account: GRAPORT

CERTIFICATE VA23294239

Project: Herbert Gold
P.O. No.: 23-12_GPG

This report is for 4 samples of Drill Core submitted to our lab in Vancouver, BC,
Canada on 12-OCT-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250q 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30q FA ICP-AES Finish	ICP-AES
ME-ICP61	34 element four acid ICP-AES	ICP-AES

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:

Saa Traxler, Director, North Vancouver Operations



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Total # Pages: 2 (A - C)
Plus Appendix Pages
Finalized Date: 22-NOV-2023
Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23294239

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
885759		3.25	0.207	<0.5	8.20	3710	1300	1.2	<2	5.52	<0.5	17	13	13	5.20	20
885760		2.54	<0.001	<0.5	8.02	14	1150	1.2	<2	4.60	<0.5	16	14	12	4.68	20
885761		1.94	0.893	<0.5	8.15	2990	1450	1.3	<2	3.75	<0.5	13	13	16	3.83	20
885762		1.15	0.110	<0.5	7.87	1565	1250	1.1	2	4.71	0.5	17	20	13	4.61	20



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Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23294239

Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm
885759		0.45	<10	<10	123	1080	130
885760		0.50	<10	<10	124	<10	116
885761		0.43	<10	<10	112	20	126
885762		0.48	<10	<10	120	30	118



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Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS	VA23294239
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CERTIFICATE COMMENTS	
Applies to Method:	LABORATORY ADDRESSES Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au-ICP21 ME-ICP61 WEI-21 CRU-31 PUL-31 CRU-QC PUL-QC LOG-22 SPL-22Y



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Account: GRAPORT

CERTIFICATE VA23294041

Project: Herbert Gold
P.O. No.: 23-9_GPG

This report is for 6 samples of Reject submitted to our lab in Vancouver, BC, Canada on 18-SEP-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
PUL-QC	Pulverizing QC Test
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kq to 106um

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

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:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23294041

Sample Description	Method Analyte Units LOD	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
730931		12.70	91.3	8.53	4.587	50.26	951.7	8.59	8.46
730933		1.28	1.83	1.25	0.094	51.27	933.5	1.21	1.29
730934		1.21	1.77	1.18	0.101	56.95	1007.0	1.17	1.19
730944		1.77	14.90	0.79	1.020	68.39	922.2	0.71	0.87
730950		0.18	0.18	0.18	0.013	71.24	1009.0	0.17	0.19
730951		1.52	1.34	1.53	0.079	58.87	980.4	1.52	1.54



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Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS	VA23294041
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CERTIFICATE COMMENTS	
Applies to Method:	LABORATORY ADDRESSES
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au-AA25 FND-03 SPL-21 Au-AA25D PUL-32 Au-SCR21 PUL-QC BAG-01 SCR-21



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Account: GRAPORT

CERTIFICATE VA23290308

Project: Herbert Gold
P.O. No.: 23-11_GPG

This report is for 33 samples of Drill Core submitted to our lab in Vancouver, BC,
Canada on 10-OCT-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION
ME-OG62	Ore Grade Elements - Four Acid
As-OG62	Ore Grade As - Four Acid
Au-ICP21	Au 30g FA ICP-AES Finish
ME-ICP61	34 element four acid ICP-AES

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:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23290308

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
730971		2.00	0.247	<0.5	7.59	2230	1080	1.0	2	4.74	<0.5	15	17	22	4.63	20
730972		1.66	0.338	0.6	8.03	4700	1510	1.2	<2	4.17	0.5	15	13	14	4.46	20
730973		3.06	0.002	<0.5	7.67	28	1010	1.1	<2	4.42	<0.5	15	12	13	4.47	20
730974		1.96	0.005	<0.5	7.81	41	730	1.1	<2	4.75	<0.5	15	10	18	4.34	20
730975		1.50	<0.001	<0.5	7.68	21	1420	1.1	<2	4.21	<0.5	15	13	12	4.38	20
730976		2.56	0.026	<0.5	8.05	62	1430	1.2	<2	4.30	<0.5	15	13	14	4.52	20
730977		2.12	0.007	<0.5	8.03	202	1930	1.1	<2	4.11	1.3	16	14	16	4.79	20
730978		2.32	0.057	<0.5	8.13	874	1680	1.3	2	4.56	0.6	17	12	24	5.09	30
730979		1.98	0.024	<0.5	8.01	412	1510	1.1	<2	4.47	<0.5	13	12	16	4.24	20
730980		0.08	3.12	<0.5	7.48	637	700	2.3	<2	0.77	<0.5	13	130	31	3.88	20
730981		2.40	0.026	<0.5	7.77	291	1550	1.2	<2	4.07	<0.5	14	12	18	4.26	20
730982		1.76	0.002	<0.5	7.89	79	1650	1.2	<2	4.37	<0.5	15	13	16	4.65	20
730983		3.46	4.43	2.3	7.51	3960	840	1.1	<2	4.80	1.0	13	15	17	3.90	20
730984		2.48	0.001	<0.5	8.06	14	1160	1.2	<2	4.56	<0.5	15	13	12	4.65	20
730985		1.52	0.027	<0.5	7.65	35	1430	1.1	<2	3.65	<0.5	13	11	30	4.21	20
730986		1.42	0.001	<0.5	7.63	11	1310	1.1	<2	5.09	<0.5	13	11	12	4.18	20
730987		2.12	2.10	0.6	7.79	>10000	1330	1.4	<2	5.95	<0.5	34	11	7	4.43	20
730988		2.42	0.057	<0.5	8.49	3430	940	1.4	<2	4.57	<0.5	1	21	1	2.81	20
730989		2.38	0.027	<0.5	8.50	4940	1360	1.3	2	4.95	<0.5	1	12	1	3.53	20
730990		2.26	0.076	<0.5	9.00	5990	1610	1.3	<2	4.53	<0.5	6	12	4	3.94	20
730991		2.44	0.007	<0.5	8.18	462	810	1.7	<2	4.71	<0.5	15	13	5	5.13	20
730992		1.94	0.001	<0.5	7.50	26	1650	1.2	<2	3.76	<0.5	14	13	12	4.52	20
730993		2.58	0.012	<0.5	8.81	1535	1000	1.5	<2	3.77	<0.5	14	14	14	4.89	20
730994		2.06	<0.001	<0.5	7.80	11	1420	1.2	<2	4.38	<0.5	15	12	12	4.56	20
730995		2.36	0.026	<0.5	8.14	420	1420	1.3	<2	4.72	<0.5	34	13	71	5.58	20
730996		0.08	7.73	1.4	6.23	32	310	0.9	<2	2.98	<0.5	41	324	112	5.50	10
730997		1.34	0.033	<0.5	7.59	509	1190	1.1	<2	4.29	<0.5	14	12	12	4.37	20
730998		1.72	1.105	<0.5	7.32	7440	1020	1.0	<2	5.09	0.7	12	10	14	3.97	20
730999		2.70	0.640	1.6	7.78	>10000	1040	1.1	2	3.87	<0.5	14	11	13	5.10	20
731000		2.52	0.010	<0.5	7.47	118	790	1.1	<2	4.47	<0.5	13	11	14	3.99	20
731001		1.46	2.80	1.8	4.62	6480	570	0.8	<2	2.64	2.0	8	12	12	2.78	10
731002		2.48	0.087	<0.5	7.75	2450	1580	1.1	<2	4.65	<0.5	13	11	16	4.36	20
731003		2.00	1.030	1.0	7.76	>10000	1260	1.1	<2	3.83	<0.5	18	11	20	5.06	20



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23290308

Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
730971		1.31	10	40	1.60	786	2	2.25	9	1120	15	0.23	<5	14	455	<20
730972		1.62	10	50	1.64	781	2	3.02	5	1100	16	0.30	<5	13	632	<20
730973		1.24	10	30	1.71	803	1	2.54	3	1120	10	0.03	<5	13	650	<20
730974		1.56	10	40	1.64	806	1	2.32	4	1100	8	0.02	<5	13	520	<20
730975		1.20	10	20	1.72	807	1	2.67	2	1130	11	0.01	<5	13	613	<20
730976		1.34	10	30	1.70	795	1	2.57	5	1160	11	0.02	<5	13	603	<20
730977		1.45	10	40	1.85	911	1	2.73	3	1210	22	0.08	<5	14	637	<20
730978		1.64	10	40	1.82	834	1	2.96	2	1190	15	0.25	<5	14	687	<20
730979		1.32	10	30	1.53	762	1	2.60	3	1050	15	0.09	<5	12	612	<20
730980		3.16	40	40	1.54	342	1	0.69	59	570	23	0.14	605	14	98	20
730981		1.92	10	30	1.58	804	1	2.54	4	1090	16	0.10	<5	12	638	<20
730982		1.30	10	20	1.69	858	1	2.72	4	1180	14	0.04	<5	12	692	<20
730983		1.79	10	30	1.19	741	1	1.60	1	1000	27	0.29	<5	12	283	<20
730984		1.29	10	30	1.66	841	1	2.61	4	1160	15	0.01	<5	13	712	<20
730985		1.20	10	30	1.63	734	1	2.46	6	1040	12	0.08	<5	11	572	<20
730986		1.20	10	30	1.42	739	1	2.19	2	1000	14	0.05	<5	11	549	<20
730987		0.98	10	20	0.98	1040	3	3.78	4	1300	23	1.14	5	11	580	<20
730988		0.60	20	30	1.45	917	1	5.28	6	1370	9	0.17	<5	13	599	<20
730989		1.81	10	30	1.80	1140	1	4.82	4	1320	8	0.24	<5	13	531	<20
730990		1.02	10	20	1.82	959	1	4.61	3	1290	9	0.30	<5	13	458	<20
730991		1.24	10	60	1.92	1030	1	2.78	4	1300	14	0.06	<5	12	632	<20
730992		1.86	10	40	1.76	891	2	2.46	2	1120	14	0.05	<5	10	660	<20
730993		1.78	10	50	1.79	844	1	2.95	4	1310	19	0.19	<5	12	681	<20
730994		1.97	10	30	1.66	901	1	2.78	2	1130	15	0.02	<5	11	703	<20
730995		2.40	10	40	1.67	872	3	2.74	12	1200	18	0.83	<5	12	676	<20
730996		1.07	10	20	3.99	746	6	1.19	245	1050	11	0.08	<5	19	269	<20
730997		1.38	10	50	1.65	799	1	2.57	3	1110	15	0.07	<5	12	592	<20
730998		1.47	10	20	1.36	821	2	2.55	4	970	17	0.45	<5	12	510	<20
730999		1.26	20	30	1.40	696	2	2.35	4	1040	163	0.75	<5	12	581	<20
731000		1.45	10	20	1.30	763	1	1.92	2	1090	15	0.12	<5	11	497	<20
731001		0.91	10	20	0.77	456	1	1.18	3	620	24	0.52	<5	8	271	<20
731002		1.25	10	30	1.58	838	1	2.59	1	1070	17	0.23	<5	12	652	<20
731003		1.10	10	30	1.64	746	2	2.48	3	1080	24	0.88	<5	13	568	<20



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23290308

Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	As-OG62 As %
730971		0.48	<10	<10	126	10	102	
730972		0.44	<10	<10	113	10	102	
730973		0.46	<10	<10	130	<10	107	
730974		0.46	<10	<10	116	<10	109	
730975		0.47	<10	<10	115	<10	111	
730976		0.48	<10	<10	118	<10	114	
730977		0.50	<10	<10	126	10	124	
730978		0.48	<10	<10	135	30	140	
730979		0.44	<10	<10	110	<10	105	
730980		0.49	<10	<10	106	<10	102	
730981		0.45	<10	<10	114	<10	109	
730982		0.48	<10	<10	121	<10	114	
730983		0.40	<10	<10	105	30	101	
730984		0.50	<10	<10	122	<10	115	
730985		0.42	<10	<10	110	10	102	
730986		0.42	<10	<10	104	10	103	
730987		0.37	<10	<10	100	320	88	2.43
730988		0.42	<10	<10	121	70	80	
730989		0.40	<10	<10	119	40	101	
730990		0.42	<10	<10	127	10	109	
730991		0.51	<10	<10	133	20	137	
730992		0.46	<10	<10	119	<10	120	
730993		0.50	<10	<10	132	10	150	
730994		0.49	<10	<10	119	<10	112	
730995		0.50	<10	<10	132	1260	129	
730996		0.68	<10	<10	142	10	84	
730997		0.45	<10	<10	113	10	109	
730998		0.40	<10	<10	107	40	99	
730999		0.43	<10	<10	106	10	99	1.555
731000		0.45	<10	<10	116	20	95	
731001		0.25	<10	<10	66	160	120	
731002		0.44	<10	<10	111	10	106	
731003		0.41	<10	<10	111	100	103	1.075



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23290308

CERTIFICATE COMMENTS	
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. As-OG62 LOG-22 PUL-31 Au-ICP21 LOG-24 PUL-QC CRU-31 ME-ICP61 SPL-22Y CRU-QC ME-OG62 WEI-21



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CERTIFICATE VA23286192

Project: Herbert Gold
P.O. No.: 23-10_GPG

This report is for 1 sample of Reject submitted to our lab in Vancouver, BC, Canada on 21-SEP-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kg to 106um

ANALYTICAL PROCEDURES

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

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:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23286192

Sample Description	Method Analyte Units LOD	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
730964		30.8	210	21.9	10.498	49.99	1009.0	21.5	22.3



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



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CERTIFICATE VA23284666

Project: Herbert Gold
P.O. No.: 23-8_GPG

This report is for 1 sample of Reject submitted to our lab in Vancouver, BC, Canada on 4-OCT-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kg to 106um

ANALYTICAL PROCEDURES

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

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.
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Signature:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23284666

Sample Description	Method Analyte Units LOD	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
730910		0.72	0.92	0.71	0.047	50.85	929.3	0.71	0.70



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS	VA23284666
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CERTIFICATE COMMENTS	
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	LABORATORY ADDRESSES
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Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au-AA25 FND-03	Au-AA25D PUL-32
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BAG-01 SPL-21

Applies to Method:	
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CERTIFICATE VA23283246

Project: Herbert Gold
P.O. No.: 23-7_GPG

This report is for 4 samples of Reject submitted to our lab in Vancouver, BC, Canada on 3-OCT-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kq to 106um

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

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:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23283246

Sample Description	Method Analyte Units LOD	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
730880		1.61	14.25	0.85	0.840	58.99	975.3	0.94	0.76
730882		3.34	2.17	3.41	0.109	50.30	955.6	3.42	3.39
730887		2.89	4.04	2.62	0.204	50.45	860.3	2.60	2.63
730895		2.34	19.00	1.43	0.961	50.53	918.3	1.38	1.47



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS **VA23283246**

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA25
FND-03
PUL-32

BAG-01
SPL-21

Applies to Method:



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CERTIFICATE VA23272426

Project: Herbert Gold
P.O. No.: 23-8_GPG

This report is for 3 samples of Reject submitted to our lab in Vancouver, BC, Canada on 7-SEP-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kg to 106um

ANALYTICAL PROCEDURES

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

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.
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Signature:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23272426

Sample Description	Method Analyte Units LOD	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
730903		2.63	3.20	2.59	0.235	73.54	1029.5	2.45	2.72
730904		3.34	16.05	2.66	0.881	54.92	1019.0	2.66	2.65
730906		15.05	80.6	11.70	4.029	49.96	977.2	11.65	11.75



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS	VA23272426
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CERTIFICATE COMMENTS	
Applies to Method:	LABORATORY ADDRESSES Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au-AA25 FND-03 PUL-32 Au-SCR21 SCR-21 BAG-01 SPL-21



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CERTIFICATE VA23269107

Project: Herbert Gold
P.O. No.: 23-10_GPG

This report is for 13 samples of Drill Core submitted to our lab in Vancouver, BC,
Canada on 21-SEP-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o Barcode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION
ME-OG62	Ore Grade Elements - Four Acid
AS-OG62	Ore Grade As - Four Acid
AU-ICP21	Au 30g FA ICP-AES Finish
AU-GRA21	Au 30g FA-GRAV finish
ME-ICP61	34 element four acid ICP-AES
	ICP-AES
	ICP-AES
	WST-SIM
	ICP-AES

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.
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Signature:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23269107

Sample Description	Method Analyte Units LOD	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Li ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1
730958		20	1.74	10	30	1.28	805	1	2.02	5	1060	40	0.41	<5	12	432
730959		20	0.92	10	30	1.64	834	1	3.01	6	1180	13	0.50	<5	13	671
730960		20	1.70	10	30	1.28	742	2	2.54	3	960	23	0.54	<5	11	396
730961		20	1.37	10	40	1.73	1110	1	2.40	6	1140	17	0.32	<5	16	660
730962		20	1.66	20	20	1.57	798	1	2.75	8	1120	13	0.51	<5	13	598
730963		20	1.14	10	20	1.04	555	1	3.08	5	850	15	0.14	<5	8	770
730964		10	0.53	<10	<10	0.18	196	3	0.68	2	260	882	1.21	6	3	103
730965		20	1.31	10	20	1.73	895	1	2.70	18	1220	16	0.02	<5	13	754
730966		20	1.19	10	30	1.54	809	1	2.67	15	1130	31	0.30	<5	12	693
730967		20	1.45	20	30	1.61	833	1	2.50	6	1100	13	0.17	<5	13	714
730968		20	1.35	10	30	1.63	843	2	2.71	5	1120	13	0.15	<5	12	685
730969		20	1.26	10	30	1.65	856	1	2.61	7	1110	20	0.32	<5	13	680
730970		20	0.24	<10	10	4.33	1370	1	2.17	113	420	4	0.22	<5	41	120



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23269107

Sample Description	Method Analyte Units LOD	ME-ICP61 Th ppm 20	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	As-OG62 As %
730958		<20	0.41	<10	<10	107	30	100	
730959		<20	0.44	<10	<10	112	30	102	
730960		<20	0.35	<10	<10	94	30	106	
730961		<20	0.45	<10	<10	123	20	140	
730962		<20	0.41	<10	<10	112	30	100	
730963		<20	0.34	<10	<10	84	30	78	
730964		<20	0.10	<10	<10	29	690	29	2.43
730965		<20	0.50	<10	<10	126	<10	119	
730966		<20	0.44	<10	<10	112	20	107	
730967		<20	0.46	<10	<10	118	10	113	
730968		<20	0.46	<10	<10	117	10	113	
730969		<20	0.43	<10	<10	116	10	109	
730970		<20	0.63	<10	<10	294	<10	90	



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23269107

CERTIFICATE COMMENTS	
Applies to Method:	LABORATORY ADDRESSES Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au-OG62 Au-ICP21 CRU-QC LOG-24 ME-OG62 PUL-QC WEI-21 PUL-31 CRU-31 ME-ICP61 SPL-22Y



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CERTIFICATE VA23265413

Project: Herbert Gold
P.O. No.: 23-9_GPG

This report is for 34 samples of Drill Core submitted to our lab in Vancouver, BC,
Canada on 18-SEP-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o Barcode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION
ME-OG62	Ore Grade Elements - Four Acid
AS-OG62	Ore Grade As - Four Acid
AU-ICP21	Au 30g FA ICP-AES Finish
AU-GRA21	Au 30g FA-GRAV finish
ME-ICP61	34 element four acid ICP-AES
INSTRUMENT	
ME-OG62	ICP-AES
AS-OG62	ICP-AES
AU-ICP21	WST-SIM
AU-GRA21	ICP-AES

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.
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Signature:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23265413

Sample Description	Method Analyte Units LOD	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Li ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1
730924		20	1.04	10	30	1.70	856	2	2.77	8	1200	17	0.15	<5	13	643
730925		20	0.80	10	30	1.55	802	2	2.18	5	960	18	0.79	<5	11	598
730926		20	1.04	10	30	1.56	783	2	2.57	5	1120	14	0.05	<5	11	754
730927		20	1.37	10	40	1.68	775	1	2.68	6	1130	14	0.19	<5	13	583
730928		20	1.53	10	20	1.17	782	1	2.85	8	1160	9	0.90	<5	13	537
730929		20	1.11	10	30	2.23	890	1	2.81	7	1160	12	0.08	<5	12	767
730930		20	1.34	10	30	1.39	756	1	2.42	6	1060	12	0.27	<5	11	639
730931		20	1.11	10	10	0.92	615	2	1.89	5	690	157	1.08	<5	8	355
730932		20	1.24	10	30	1.66	894	1	2.69	7	1180	14	0.02	<5	11	745
730933		20	1.99	10	10	1.41	726	2	1.96	5	990	21	0.53	5	11	496
730934		20	2.04	10	10	1.48	800	2	1.99	5	1040	16	0.75	<5	11	484
730935		20	0.91	10	50	1.57	795	1	2.20	8	1090	20	0.10	<5	13	522
730936		20	1.50	20	30	1.15	930	1	1.87	5	1000	20	0.13	<5	11	421
730937		10	1.06	10	20	4.01	734	6	1.20	250	1080	10	0.08	<5	19	271
730938		20	1.17	10	30	1.56	781	2	2.41	5	1120	12	0.06	<5	13	600
730939		20	0.98	10	40	1.67	830	1	2.62	5	1110	10	0.07	<5	12	642
730940		20	1.10	10	30	1.38	747	1	2.07	5	980	19	0.11	<5	12	534
730941		20	1.43	10	40	1.64	834	1	2.44	6	1110	15	0.06	<5	12	697
730942		20	1.53	10	30	1.26	678	2	2.10	6	1020	745	1.69	7	12	445
730943		20	1.07	10	40	1.63	843	1	2.53	5	1060	93	0.39	<5	12	524
730944		20	1.17	10	30	1.60	769	1	2.62	6	1080	17	0.27	<5	13	570
730945		20	1.28	10	30	1.75	935	1	2.74	7	1220	16	0.02	<5	13	757
730946		20	1.35	10	30	1.63	849	1	2.84	6	1100	126	0.20	<5	12	693
730947		10	0.66	10	20	0.74	340	6	1.29	8	600	22	1.00	<5	7	309
730948		20	1.63	10	20	1.44	774	1	2.41	7	1120	24	0.56	<5	12	559
730949		20	1.11	10	30	1.61	791	1	2.99	6	1140	14	0.38	<5	13	714
730950		20	1.04	10	30	1.43	715	2	2.76	6	1010	15	0.57	<5	12	598
730951		20	0.77	10	20	1.10	588	2	2.21	4	830	125	1.24	5	10	454
730952		20	1.29	10	20	1.77	901	1	2.62	6	1260	15	0.02	<5	13	743
730953		20	1.20	10	30	1.39	814	1	2.06	5	1040	11	0.18	<5	12	490
730954		20	1.37	20	20	1.14	795	1	1.88	6	1000	30	0.78	6	12	393
730955		20	1.25	10	30	1.61	843	1	2.56	8	1150	12	0.03	<5	13	694
730956		20	1.23	10	30	1.55	876	2	2.26	5	1180	11	0.18	<5	13	540
730957		20	0.42	10	10	4.19	1315	1	2.22	123	900	2	0.08	<5	32	261



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23265413

Sample Description	Method Analyte Units LOD	ME-ICP61 Th ppm 20	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	As-OG62 As %
730924		<20	0.48	<10	<10	129	<10	113	
730925		<20	0.36	<10	<10	104	10	94	1.585
730926		<20	0.45	<10	<10	111	<10	105	
730927		<20	0.42	<10	<10	120	10	112	
730928		<20	0.38	<10	<10	111	50	92	1.860
730929		<20	0.48	<10	<10	116	<10	112	
730930		<20	0.42	<10	<10	108	20	107	
730931		<20	0.26	<10	<10	67	50	79	2.05
730932		<20	0.48	<10	<10	123	<10	116	
730933		<20	0.36	<10	<10	98	50	116	
730934		<20	0.38	<10	<10	107	60	113	1.040
730935		<20	0.45	<10	<10	114	10	117	
730936		<20	0.41	<10	<10	102	20	90	
730937		<20	0.68	<10	<10	143	10	84	
730938		<20	0.44	<10	<10	112	10	110	
730939		<20	0.46	<10	<10	111	<10	106	
730940		<20	0.41	<10	<10	102	2110	103	
730941		<20	0.46	<10	<10	116	10	115	
730942		<20	0.38	<10	<10	107	20	104	3.11
730943		<20	0.38	<10	<10	105	20	103	
730944		<20	0.42	<10	<10	115	20	109	
730945		<20	0.51	<10	<10	127	<10	122	
730946		<20	0.45	<10	<10	115	10	108	
730947		<20	0.22	<10	<10	55	40	48	
730948		<20	0.42	<10	<10	114	40	111	
730949		<20	0.43	<10	<10	114	20	103	
730950		<20	0.37	<10	<10	105	90	96	
730951		<20	0.30	<10	<10	82	140	82	2.19
730952		<20	0.52	<10	<10	131	<10	123	
730953		<20	0.40	<10	<10	105	20	105	
730954		<20	0.35	<10	<10	98	30	95	1.190
730955		<20	0.48	<10	<10	119	<10	115	
730956		<20	0.45	<10	<10	123	10	116	
730957		<20	0.84	<10	<10	233	<10	98	



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Finalized Date: 29-OCT-2023
Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23265413

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As-OG62
CRU-QC
ME-OG62
WEI-21

Au-GRA21
LOG-22
PUL-31

CRU-31
ME-ICP61
SPL-22Y

Applies to Method:



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Finalized Date: 3-OCT-2023
Account: GRAPORT

CERTIFICATE VA23255389

Project: Herbert Gold
P.O. No.: 23-6_GPG

This report is for 3 samples of Reject submitted to our lab in Vancouver, BC, Canada on 22-AUG-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kg to 106um

ANALYTICAL PROCEDURES

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

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:

Saa Traxler, Director, North Vancouver Operations



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Finalized Date: 3-OCT-2023
Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23255389

Sample Description	Method Analyte Units LOD	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
730863		0.07	0.08	0.07	0.004	50.18	914.1	0.06	0.07
730871		0.36	0.54	0.35	0.027	49.96	899.3	0.34	0.35
730873		1.59	17.50	0.71	0.871	49.83	903.1	0.75	0.67



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23255389

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

Applies to Method:



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Account: GRAPORT

CERTIFICATE VA23253525

Project: Herbert Gold
P.O. No.: 23-8_GPG

This report is for 27 samples of Drill Core submitted to our lab in Vancouver, BC,
Canada on 7-SEP-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION
ME-OG62	Ore Grade Elements - Four Acid
As-OG62	Ore Grade As - Four Acid
Au-ICP21	Au 30g FA ICP-AES Finish
Au-GRA21	Au 30g FA-GRAV finish
ME-ICP61	34 element four acid ICP-AES
	ICP-AES
	ICP-AES
	WST-SIM
	ICP-AES

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:

Saa Traxler, Director, North Vancouver Operations



Project: Herbert Gold

CERTIFICATE OF ANALYSIS																	VA23253525																
Sample Description		Method Analyte Units LOD		WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	Au-GRA21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %															
730897		2.04	0.002				<0.5	7.49	18	950	1.1	2	5.36	<0.5	16	16	35	4.39															
730898		1.88	0.002				<0.5	7.66	8	1440	1.1	4	5.04	<0.5	19	19	16	5.11															
730899		2.44	0.127				<0.5	8.61	3550	1080	1.4	6	5.04	<0.5	16	17	14	4.81															
730900		1.82	0.230				<0.5	8.57	3220	1070	1.2	4	4.97	<0.5	19	18	20	5.30															
730901		1.56	0.038				<0.5	7.51	430	930	1.1	3	4.57	<0.5	16	15	21	4.38															
730902		3.14	0.397				<0.5	7.95	46	920	1.1	4	5.27	<0.5	16	13	9	4.73															
730903		2.64	2.72				1.9	7.73	>10000	670	0.9	2	4.62	1.9	13	11	17	3.77															
730904		2.94	2.68				3.8	6.91	>10000	550	0.6	<2	5.54	<0.5	13	10	7	4.90															
730905		1.80	1.040				5.8	7.80	>10000	1230	1.2	3	3.90	1.2	14	12	44	3.49															
730906		2.76	>10.0	15.80			5.9	6.44	>10000	600	0.6	<2	5.33	<0.5	13	7	11	7.56															
730907		2.70	0.022				<0.5	7.74	274	1600	1.1	3	4.55	<0.5	16	15	13	4.72															
730908		2.54	0.323				2.5	7.89	>10000	1090	1.1	5	4.25	0.7	15	13	33	3.66															
730909		2.18	0.797				5.2	7.16	>10000	880	0.9	3	4.43	<0.5	13	11	40	3.54															
730910		1.46	2.26				4.4	7.74	>10000	980	1.2	2	4.74	0.9	16	13	48	4.02															
730911		2.64	0.053				<0.5	7.18	4520	1180	0.9	<2	4.96	<0.5	8	6	<1	1.79															
730912		2.92	0.159				5.2	7.24	>10000	1290	1.1	3	5.10	<0.5	14	8	41	2.89															
730913		2.68	0.004				<0.5	8.27	73	1280	1.3	<2	5.12	<0.5	7	9	10	2.15															
730914		1.42	0.001				<0.5	7.91	26	1620	1.2	2	4.56	<0.5	14	15	12	4.36															
730915		2.72	0.107				0.6	8.39	5370	1250	1.4	<2	4.68	0.5	12	13	15	2.99															
730916		2.08	0.007				<0.5	8.17	39	1500	1.3	<2	4.43	0.5	13	13	9	3.77															
730917		0.08	3.10				<0.5	7.40	559	730	2.4	<2	0.75	<0.5	15	131	31	3.94															
730918		2.68	0.074				<0.5	8.54	170	1650	1.4	<2	4.58	0.6	15	15	11	4.36															
730919		2.78	0.177				1.1	7.91	7110	1270	1.4	<2	4.89	0.6	14	14	42	3.91															
730920		2.60	0.180				<0.5	8.47	1940	1310	1.2	<2	5.66	0.7	13	14	17	4.38															
730921		2.38	0.075				<0.5	8.54	2370	1260	1.2	<2	4.26	<0.5	13	14	21	4.06															
730922		1.56	0.004				<0.5	8.50	35	1100	1.3	<2	4.23	<0.5	11	14	8	3.13															
730923		2.18	0.193				2.0	8.50	7910	1240	1.4	<2	5.76	0.7	16	14	85	3.90															



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23253525

Sample Description	Method Analyte Units LOD	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Li ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1
730897		20	1.79	10	40	1.20	782	1	1.43	7	1080	12	0.05	5	13	293
730898		20	1.42	10	30	1.73	880	1	2.07	6	1160	15	0.13	<5	14	629
730899		20	1.45	10	30	1.63	965	1	2.97	5	1340	134	0.37	<5	14	625
730900		20	1.22	10	30	2.04	995	<1	2.62	5	1310	16	0.34	<5	15	775
730901		20	1.24	10	30	1.43	797	<1	2.09	2	1010	14	0.09	<5	12	587
730902		20	1.24	10	50	1.54	925	<1	2.29	4	1140	15	0.08	<5	12	645
730903		20	1.29	10	20	1.25	885	1	3.63	3	960	75	0.93	6	11	438
730904		10	0.99	10	<10	1.41	1165	2	3.78	2	860	22	1.89	14	11	410
730905		20	2.45	10	10	1.24	771	1	2.48	3	1050	15	0.94	10	11	339
730906		10	0.90	10	<10	1.87	1310	2	3.71	2	630	47	3.36	16	12	437
730907		20	1.33	10	30	1.65	904	1	2.74	4	1150	15	0.02	<5	11	726
730908		20	2.00	20	10	1.46	913	1	3.26	2	1130	15	1.02	7	12	408
730909		20	1.48	10	<10	1.41	933	1	4.20	3	1010	17	1.16	15	9	390
730910		20	2.16	10	10	1.50	944	1	2.84	5	990	15	0.79	16	12	427
730911		20	1.41	10	<10	1.48	1345	1	5.30	<1	780	3	0.23	<5	6	412
730912		20	1.63	10	<10	1.54	1240	1	4.46	2	930	5	0.78	11	9	396
730913		20	0.83	10	20	0.63	456	<1	3.45	1	560	20	0.03	<5	4	920
730914		20	1.28	10	30	1.51	820	1	2.82	8	1030	15	0.03	<5	11	753
730915		20	1.50	10	20	0.91	662	1	2.90	3	850	9	0.36	<5	9	622
730916		30	1.27	10	30	1.24	697	1	2.94	2	970	9	0.07	<5	9	784
730917		20	2.83	40	50	1.55	343	1	0.70	64	600	18	0.15	611	14	100
730918		30	1.38	10	30	1.52	837	3	2.82	6	1110	12	0.08	<5	12	784
730919		30	1.67	10	20	1.46	954	1	3.37	3	1180	7	0.48	5	12	633
730920		20	1.25	10	30	1.61	993	2	2.53	2	1080	8	0.26	<5	13	642
730921		20	1.21	10	30	1.49	760	1	2.85	4	1040	11	0.34	<5	12	660
730922		20	1.08	10	20	1.06	548	1	2.95	4	840	10	0.04	<5	8	767
730923		30	1.79	10	20	0.96	901	1	2.97	6	1200	11	0.62	<5	13	485



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Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23253525

Sample Description	Method Analyte Units LOD	ME-ICP61 Th ppm 20	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	As-OG62 As %
730897		<20	0.47	<10	<10	120	10	93	
730898		<20	0.53	<10	<10	136	<10	113	
730899		<20	0.53	<10	<10	133	10	115	
730900		<20	0.52	<10	<10	143	10	123	
730901		<20	0.43	<10	<10	110	300	100	
730902		<20	0.46	<10	<10	119	10	116	
730903		<20	0.40	<10	<10	96	70	95	1.425
730904		<20	0.32	<10	<10	68	70	25	3.71
730905		<20	0.43	<10	<10	118	70	71	1.200
730906		<20	0.26	<10	<10	61	50	17	7.15
730907		<20	0.48	<10	<10	120	<10	114	
730908		<20	0.44	<10	<10	119	80	62	1.460
730909		<20	0.39	<10	<10	116	120	31	1.925
730910		<20	0.39	<10	<10	106	60	89	1.085
730911		<20	0.26	<10	<10	56	80	12	
730912		<20	0.34	<10	<10	88	100	22	1.400
730913		<20	0.22	<10	<10	56	<10	52	
730914		<20	0.43	<10	<10	110	<10	105	
730915		<20	0.33	<10	<10	89	20	60	
730916		<20	0.39	<10	<10	98	<10	94	
730917		<20	0.50	<10	<10	112	<10	106	
730918		<20	0.44	<10	<10	115	<10	109	
730919		<20	0.45	<10	<10	148	360	67	
730920		<20	0.42	<10	<10	109	20	106	
730921		<20	0.40	<10	<10	109	20	99	
730922		<20	0.34	<10	<10	86	<10	77	
730923		<20	0.46	<10	<10	136	40	70	



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS **VA23253525**

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

As-OG62
CRU-QC
ME-OG62
WEI-21

Au-GRA21
LOG-22
PUL-31

Au-ICP21
LOG-24
PUL-QC

CRU-31
ME-ICP61
SPL-22Y

Applies to Method:



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Account: GRAPORT

CERTIFICATE VA23246050

Project: Herbert Gold
P.O. No.: 23-7_GPG

This report is for 21 samples of Drill Core submitted to our lab in Vancouver, BC,
Canada on 31-AUG-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION
ME-OG62	Ore Grade Elements - Four Acid
As-OG62	Ore Grade As - Four Acid
Au-ICP21	Au 30g FA ICP-AES Finish
ME-ICP61	34 element four acid ICP-AES

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:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23246050

Sample Description	Method Analyte Units LOD	ME-ICP61																										
		WEI-21 Rec'd Wt. kg	Au-ICP21 Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	ME-ICP61	Ga ppm											
730876		2.14	0.951	<0.5	8.11	>10000	990	1.1	3	4.38	0.5	21	19	17	5.29	20												
730877		1.08	0.177	<0.5	7.24	3350	860	1.1	<2	3.01	0.5	16	19	7	4.05	20												
730878		1.94	0.239	<0.5	6.62	3560	820	1.0	<2	3.39	<0.5	12	19	5	3.57	20												
730879		1.86	0.027	<0.5	8.12	902	980	1.2	2	4.34	<0.5	17	18	11	4.80	20												
730880		1.52	2.10	<0.5	7.59	36	1460	1.0	<2	4.48	<0.5	13	17	14	3.82	20												
730881		2.54	0.125	<0.5	8.15	3090	1620	1.2	5	5.13	<0.5	14	13	11	4.33	20												
730882		1.30	3.30	1.1	9.33	>10000	1640	1.5	5	4.68	<0.5	23	14	17	6.52	30												
730883		0.08	1.050	<0.5	7.04	30	160	<0.5	7	6.78	<0.5	46	183	157	8.20	20												
730884		2.14	0.488	<0.5	7.45	1615	1400	1.1	3	4.16	<0.5	16	13	12	4.25	20												
730885		2.48	0.167	<0.5	8.03	811	1540	1.1	5	4.17	<0.5	15	11	12	4.38	20												
730886		2.34	0.164	<0.5	7.84	500	1590	1.1	3	4.13	<0.5	16	13	12	4.34	20												
730887		1.40	2.78	0.8	7.90	>10000	1430	1.1	2	4.14	0.5	16	12	9	5.00	20												
730888		1.42	0.296	<0.5	7.81	2650	1250	1.1	2	4.24	<0.5	15	13	16	4.34	20												
730889		2.76	0.007	<0.5	8.19	43	1230	1.2	<2	4.53	<0.5	14	14	15	4.05	20												
730890		1.60	0.032	<0.5	7.98	191	800	1.1	3	4.52	<0.5	15	16	14	4.32	20												
730891		2.54	0.006	<0.5	7.83	46	1160	1.1	5	4.52	<0.5	14	14	11	4.36	20												
730892		2.06	0.010	<0.5	7.75	82	940	1.2	3	4.05	<0.5	16	17	12	4.88	20												
730893		0.88	0.439	<0.5	7.99	3630	1280	1.1	3	3.99	<0.5	15	17	16	4.56	20												
730894		1.50	0.085	<0.5	7.98	2930	1510	1.1	4	3.95	<0.5	15	16	16	4.86	20												
730895		2.34	7.66	0.7	7.66	8970	1100	1.0	3	5.34	<0.5	12	11	13	3.70	20												
730896		1.70	0.004	<0.5	7.58	63	1550	1.1	5	4.54	<0.5	16	15	12	4.73	20												



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Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23246050

Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
730876		0.87	10	30	1.77	879	2	2.25	7	1170	13	0.58	<5	14	713	<20
730877		1.02	10	30	1.59	656	1	2.29	5	1060	9	0.20	<5	12	378	<20
730878		0.91	10	20	1.42	709	2	1.94	2	1010	3	0.21	<5	11	421	<20
730879		1.13	10	30	1.80	937	1	2.56	4	1210	15	0.09	<5	14	700	<20
730880		1.36	10	30	1.41	824	1	2.43	4	980	13	0.06	<5	11	615	<20
730881		1.44	10	40	1.65	817	1	2.75	4	1120	13	0.22	<5	13	461	<20
730882		1.53	10	40	1.91	1005	1	3.43	2	1350	22	1.32	<5	13	700	<20
730883		0.24	<10	10	4.31	1355	1	2.18	108	410	6	0.20	<5	41	119	<20
730884		1.42	10	40	1.56	796	1	2.70	5	1040	24	0.17	<5	11	623	<20
730885		1.47	10	40	1.61	834	1	2.65	2	1070	16	0.11	<5	12	679	<20
730886		1.33	10	30	1.60	840	1	2.85	5	1080	13	0.08	<5	11	717	<20
730887		1.23	20	30	1.40	803	1	2.95	2	1030	125	0.86	<5	12	661	<20
730888		1.40	10	30	1.60	815	1	2.66	5	1080	16	0.28	<5	12	542	<20
730889		1.43	10	30	1.30	720	1	2.50	1	990	17	0.08	<5	11	596	<20
730890		1.80	20	40	1.20	952	2	1.74	6	1050	13	0.18	<5	13	333	<20
730891		1.27	10	50	1.51	849	1	2.35	4	1050	12	0.08	<5	13	508	<20
730892		1.60	10	40	1.47	804	1	1.83	2	1060	16	0.64	<5	12	417	<20
730893		1.18	10	30	1.73	826	1	2.55	3	1130	28	0.34	<5	12	644	<20
730894		1.38	10	30	1.59	777	1	2.56	3	1110	18	0.82	<5	13	622	<20
730895		1.38	10	20	1.09	985	1	3.08	1	960	13	0.57	<5	11	405	<20
730896		1.27	10	30	1.63	900	1	2.73	4	1130	16	0.02	<5	11	726	<20



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23246050

Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	As-OG62 As %
730876		0.46	<10	<10	126	540	112	0.970
730877		0.39	<10	<10	109	10	101	
730878		0.38	<10	<10	97	20	87	
730879		0.50	<10	<10	126	10	114	
730880		0.41	<10	<10	95	10	91	
730881		0.49	<10	<10	121	20	118	
730882		0.49	<10	<10	139	20	127	2.06
730883		0.63	<10	<10	290	<10	88	
730884		0.43	<10	<10	112	10	102	
730885		0.45	<10	<10	111	<10	106	
730886		0.45	<10	<10	113	<10	104	
730887		0.42	<10	<10	107	20	96	1.650
730888		0.42	<10	<10	110	20	103	
730889		0.43	<10	<10	104	<10	96	
730890		0.44	<10	<10	111	10	90	
730891		0.43	<10	<10	115	<10	107	
730892		0.44	<10	<10	112	10	113	
730893		0.44	<10	<10	115	10	107	
730894		0.46	<10	<10	113	10	108	
730895		0.38	<10	<10	89	50	69	
730896		0.47	<10	<10	119	<10	113	



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS	VA23246050
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CERTIFICATE COMMENTS	
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. As-OG62 LOG-22 PUL-31 Au-ICP21 LOG-24 PUL-QC CRU-31 ME-ICP61 SPL-22Y CRU-QC ME-OG62 WEI-21



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CERTIFICATE VA23235541

Project: Herbert Gold
P.O. No.: 23-6_GPG

This report is for 15 samples of Drill Core submitted to our lab in Vancouver, BC,
Canada on 22-AUG-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250q 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30q FA ICP-AES Finish	ICP-AES
ME-ICP61	34 element four acid ICP-AES	ICP-AES

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:

Saa Traxler, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS VA23235541

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
730861		2.22	0.003	<0.5	8.37	12	1390	1.2	<2	5.22	<0.5	14	17	12	4.69	20
730862		1.98	0.005	<0.5	7.69	13	1270	1.2	<2	4.82	<0.5	13	16	17	4.58	20
730863		2.66	0.060	<0.5	7.50	1185	920	1.2	<2	4.03	<0.5	12	12	16	3.55	20
730864		1.98	0.001	<0.5	8.24	10	1000	1.2	<2	3.72	<0.5	13	14	14	4.36	20
730865		2.00	0.052	<0.5	7.92	45	910	1.1	<2	4.32	<0.5	14	15	12	4.45	20
730866		2.36	0.064	<0.5	7.61	684	950	1.1	<2	3.98	<0.5	14	14	15	4.22	20
730867		2.12	0.039	<0.5	8.63	1155	930	1.3	<2	4.24	<0.5	14	15	17	4.58	20
730868		1.80	0.002	<0.5	8.51	13	1040	1.3	<2	3.90	<0.5	14	15	14	4.67	30
730869		1.64	0.001	<0.5	8.25	11	1080	1.2	<2	3.88	<0.5	14	14	13	4.86	20
730870		1.72	0.030	<0.5	7.63	1220	860	1.1	<2	3.82	0.6	15	13	14	4.67	20
730871		2.44	0.353	0.8	7.22	7680	940	1.1	<2	4.03	1.5	14	14	25	3.93	20
730872		1.40	<0.001	<0.5	7.63	16	1630	1.2	<2	4.47	<0.5	15	14	11	4.78	20
730873		2.20	2.17	10.0	6.03	9550	580	0.9	<2	3.16	1.6	11	17	21	3.16	20
730874		0.08	0.348	<0.5	7.59	8	210	0.7	<2	6.59	<0.5	46	170	115	8.41	20
730875		2.08	0.003	<0.5	8.12	68	820	1.2	<2	5.19	<0.5	17	16	19	5.42	30



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CERTIFICATE OF ANALYSIS VA23235541

Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
730861		1.45	20	40	1.73	979	2	2.28	8	1120	16	0.05	<5	14	646	<20
730862		1.56	20	30	1.61	906	2	2.14	5	1120	13	0.07	<5	12	596	<20
730863		2.37	10	20	1.28	734	1	1.87	4	970	9	0.30	<5	11	377	<20
730864		1.70	20	40	1.53	757	2	2.35	6	1110	10	0.04	<5	13	540	<20
730865		1.82	20	40	1.51	857	1	2.21	5	1110	11	0.10	<5	13	435	<20
730866		1.90	10	30	1.54	790	2	2.18	5	1080	9	0.19	<5	12	467	<20
730867		1.54	20	30	1.69	811	1	2.46	6	1140	15	0.18	<5	14	640	<20
730868		1.50	10	40	1.72	773	1	2.46	6	1180	12	0.08	<5	14	625	<20
730869		1.29	10	40	1.78	773	1	2.53	6	1170	12	0.07	<5	13	661	<20
730870		2.05	10	30	1.68	810	1	2.20	6	1130	12	0.20	<5	13	370	<20
730871		2.18	10	20	1.41	754	<1	1.87	7	1040	13	0.75	<5	12	334	<20
730872		1.33	10	30	1.66	906	1	2.66	5	1170	14	0.01	<5	11	742	<20
730873		1.68	20	10	0.95	575	1	1.71	4	890	24	0.66	<5	11	242	<20
730874		0.44	10	10	4.47	1405	1	2.35	132	950	5	0.09	<5	34	280	<20
730875		1.11	10	40	1.95	1025	2	2.15	6	1350	15	0.06	<5	17	703	<20



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CERTIFICATE OF ANALYSIS VA23235541

Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm
730861		0.46	<10	<10	118	10	109
730862		0.45	<10	<10	115	20	101
730863		0.38	<10	<10	98	40	77
730864		0.46	<10	<10	111	10	104
730865		0.45	<10	<10	112	10	100
730866		0.43	<10	<10	111	20	93
730867		0.46	<10	<10	116	20	110
730868		0.47	<10	<10	120	10	109
730869		0.47	<10	<10	120	10	115
730870		0.45	<10	<10	116	30	120
730871		0.40	<10	<10	113	60	100
730872		0.49	<10	<10	118	<10	115
730873		0.33	<10	<10	94	60	93
730874		0.89	<10	<10	246	<10	104
730875		0.55	<10	<10	146	10	132



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CERTIFICATE OF ANALYSIS VA23235541

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21
ME-ICP61
WEI-21
CRU-31
PUL-31

LOG-24
SPL-22Y

LOG-22
PUL-QC

Applies to Method:



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CERTIFICATE VA23231485

Project: Herbert Gold
P.O. No.: 23-1_GPG

This report is for 1 sample of Reject submitted to our lab in Vancouver, BC, Canada on 18-AUG-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kg to 106um

ANALYTICAL PROCEDURES

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

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:

Saa Traxler, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS VA23231485

Sample Description	Method Analyte Units LOD	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	
730756		3.73	29.4	2.09	1.674	56.94	894.0	1.88	2.30	



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23231485

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA25
FND-03
PUL-32

BAG-01
SPL-21

Applies to Method:



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CERTIFICATE VA23230871

Project: Herbert Gold
P.O. No.: 23-5_GPG

This report is for 2 samples of Reject submitted to our lab in Vancouver, BC, Canada on 9-AUG-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kg to 106um

ANALYTICAL PROCEDURES

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

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:

Saa Traxler, Director, North Vancouver Operations



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Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23230871

Sample Description	Method Analyte Units LOD	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
730844		<0.05	<0.05	<0.05	0.001	97.13	956.4	0.02	0.02
730856		0.33	0.40	0.33	0.030	74.79	971.2	0.34	0.31



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23230871

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA25
FND-03
PUL-32

BAG-01
SPL-21

Applies to Method:



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CERTIFICATE VA23221546

Project: Herbert Gold
P.O. No.: 23-5_GPG

This report is for 24 samples of Drill Core submitted to our lab in Vancouver, BC,
Canada on 9-AUG-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250q 85% <75 um

ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION
ME-OG62	Ore Grade Elements - Four Acid
AS-OG62	Ore Grade As - Four Acid
AU-ICP21	Au 30g FA ICP-AES Finish
ME-ICP61	34 element four acid ICP-AES

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:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23221546

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
730837		1.72	0.083	<0.5	7.61	1435	1500	1.2	3	4.02	<0.5	15	16	23	4.70	20
730838		1.76	1.040	<0.5	6.92	9460	1380	1.1	<2	3.31	<0.5	11	15	11	3.67	20
730839		2.04	1.600	<0.5	7.46	6270	1460	1.1	<2	3.74	<0.5	13	14	15	4.32	20
730840		0.90	0.102	1.1	8.42	345	1810	1.4	2	4.58	<0.5	17	16	23	4.85	20
730841		1.90	0.295	<0.5	7.26	4600	1370	1.2	3	4.55	0.6	13	14	16	3.97	20
730842		2.42	0.046	<0.5	7.58	1040	1160	1.1	2	4.23	<0.5	14	14	17	4.38	20
730843		2.82	1.235	<0.5	7.54	766	650	1.1	3	4.30	0.6	17	26	17	5.04	20
730844		3.06	0.016	<0.5	7.72	48	990	1.1	2	5.23	<0.5	16	16	15	5.02	20
730845		1.34	<0.001	<0.5	7.97	12	1580	1.2	<2	4.36	<0.5	15	15	14	4.68	20
730846		2.10	0.009	<0.5	7.87	22	760	1.2	<2	5.55	<0.5	17	15	18	4.93	20
730847		1.94	0.008	<0.5	7.84	51	790	1.1	4	5.23	<0.5	16	15	15	4.72	20
730848		1.92	0.079	<0.5	7.62	922	1070	1.1	2	4.36	<0.5	16	17	18	4.61	20
730849		2.48	0.085	<0.5	8.20	2760	1140	1.2	2	4.65	1.4	18	17	20	5.38	20
730850		1.70	0.054	<0.5	7.82	933	710	1.2	2	4.99	0.5	15	15	17	4.42	20
730851		0.08	7.79	1.4	6.07	35	310	0.9	4	2.95	<0.5	41	325	118	5.51	20
730852		1.92	0.016	<0.5	7.81	50	860	1.2	<2	4.33	<0.5	16	15	18	4.82	20
730853		2.80	0.067	<0.5	7.50	1795	800	1.1	<2	5.31	0.6	15	14	18	4.78	20
730854		2.30	0.039	<0.5	7.62	736	970	1.2	<2	4.38	<0.5	16	15	10	4.66	20
730855		2.42	<0.001	<0.5	7.89	17	1090	1.2	<2	4.48	<0.5	16	14	4	4.96	20
730856		3.18	0.283	0.6	7.66	1945	780	1.2	<2	4.33	0.7	16	14	15	4.47	20
730857		2.22	0.115	<0.5	8.01	439	1180	1.2	2	4.66	<0.5	17	19	22	4.80	20
730858		2.56	1.195	<0.5	7.37	>10000	960	1.0	<2	5.27	<0.5	18	14	12	5.13	20
730859		1.46	0.071	<0.5	7.82	1780	1170	1.2	<2	4.55	<0.5	16	15	14	4.91	20
730860		2.26	0.021	<0.5	7.80	37	1090	1.1	3	4.63	<0.5	16	17	17	5.02	20



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23221546

Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
730837		1.37	10	30	1.61	880	1	2.83	3	1190	33	0.19	<5	11	758	<20
730838		0.94	10	30	1.41	686	1	3.00	4	1110	17	0.55	<5	10	570	<20
730839		1.29	10	30	1.59	811	1	2.82	5	1130	20	0.44	<5	12	639	<20
730840		1.84	10	20	1.43	790	<1	2.27	6	1330	14	0.15	<5	13	705	<20
730841		1.44	10	30	1.20	684	1	2.24	4	1070	12	0.39	5	12	458	<20
730842		1.42	10	30	1.63	797	1	2.46	4	1150	12	0.18	<5	12	581	<20
730843		1.26	20	30	1.79	834	1	1.56	9	1320	19	0.16	<5	15	477	<20
730844		1.64	10	50	1.45	942	1	1.75	5	1260	16	0.11	<5	14	448	<20
730845		1.38	10	30	1.66	894	1	2.62	4	1170	17	0.02	<5	13	727	<20
730846		1.28	10	50	1.72	935	1	2.34	4	1250	18	0.13	<5	14	694	<20
730847		1.23	10	50	1.64	893	1	2.10	5	1220	14	0.11	<5	14	586	<20
730848		1.00	10	40	1.79	855	1	2.42	5	1220	14	0.21	<5	14	647	<20
730849		1.01	10	40	2.05	970	1	2.75	6	1430	17	0.23	<5	15	822	<20
730850		2.08	10	20	1.69	880	1	2.09	7	1190	13	0.24	<5	14	547	<20
730851		1.06	10	20	3.96	737	6	1.19	253	1120	10	0.08	<5	19	274	<20
730852		1.37	10	40	1.69	842	1	2.32	5	1260	12	0.12	<5	13	701	<20
730853		2.12	10	40	1.86	965	1	1.74	4	1220	9	0.34	<5	13	518	<20
730854		1.42	10	50	1.62	826	1	2.18	5	1250	13	0.13	6	12	689	<20
730855		1.40	10	60	1.74	887	1	2.09	4	1310	9	0.06	5	14	656	<20
730856		1.87	10	40	1.63	855	1	1.89	4	1260	14	0.30	<5	14	488	<20
730857		1.40	10	30	1.74	861	1	2.37	6	1250	15	0.13	<5	14	643	<20
730858		1.21	20	20	1.50	974	1	2.64	6	1120	11	1.05	6	13	580	<20
730859		1.30	10	40	1.90	918	1	2.62	6	1310	15	0.18	<5	14	711	<20
730860		1.07	10	40	1.98	923	2	2.29	6	1280	15	0.12	<5	14	648	<20



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS **VA23221546**

Sample Description	Method Analyte Units LOD	ME-ICP61										ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		ME-ICP61		As-OG62	
		Ti %	Ti ppm	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	As %																
730837		0.46	<10	<10	<10	117	<10	126	0.001																
730838		0.32	<10	<10	<10	98	30	92																	
730839		0.40	<10	<10	<10	110	20	110																	
730840		0.52	<10	<10	<10	134	10	131																	
730841		0.39	<10	<10	<10	107	10	108																	
730842		0.43	<10	<10	<10	113	10	109																	
730843		0.50	<10	<10	<10	134	20	126																	
730844		0.47	<10	<10	<10	129	20	120																	
730845		0.48	<10	<10	<10	115	<10	118																	
730846		0.46	<10	<10	<10	129	10	118																	
730847		0.47	<10	<10	<10	125	200	113																	
730848		0.46	<10	<10	<10	129	10	114																	
730849		0.54	<10	<10	<10	146	10	153																	
730850		0.44	<10	<10	<10	124	40	89																	
730851		0.67	<10	<10	<10	143	10	85																	
730852		0.46	<10	<10	<10	130	20	115																	
730853		0.42	<10	<10	<10	122	40	96																	
730854		0.43	<10	<10	<10	125	20	104																	
730855		0.46	<10	<10	<10	132	10	96																	
730856		0.44	<10	<10	<10	125	30	121																	
730857		0.49	<10	<10	<10	130	10	114																	
730858		0.40	<10	<10	<10	110	30	79	2.04																
730859		0.51	<10	<10	<10	135	10	123																	
730860		0.49	<10	<10	<10	134	10	123																	



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CERTIFICATE OF ANALYSIS **VA23221546**

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
As-OG62 Au-ICP21 CRU-31 CRU-QC
LOG-22 ME-ICP61 ME-OG62 PUL-31
PUL-QC SPL-22Y WEI-21

Applies to Method:



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CERTIFICATE VA23221504

Project: Herbert Gold
P.O. No.: 23-4-GPG

This report is for 3 samples of Reject submitted to our lab in Vancouver, BC, Canada on 1-AUG-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kg to 106um

ANALYTICAL PROCEDURES

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

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.
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Signature:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23221504

Sample Description	Method Analyte Units LOD	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
730815		0.60	1.14	0.57	0.061	53.43	1024.0	0.55	0.59
730832		1.64	2.63	1.59	0.132	50.14	977.1	1.61	1.56
730833		4.10	22.1	3.13	1.121	50.63	943.4	2.92	3.34



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23221504

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA25
FND-03
PUL-32

BAG-01
SPL-21

Applies to Method:



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CERTIFICATE VA23213102

Project: Herbert Gold
P.O. No.: 23-2_GPG

This report is for 1 sample of Reject submitted to our lab in Vancouver, BC, Canada on 26-JUL-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kg to 106um

ANALYTICAL PROCEDURES

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

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.
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Signature:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23213102

Sample Description	Method Analyte Units LOD	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
730784		9.91	91.3	2.46	6.258	68.52	748.4	2.62	2.29



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CERTIFICATE OF ANALYSIS	VA23213102
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CERTIFICATE COMMENTS	
Applies to Method:	LABORATORY ADDRESSES Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au-AA25 FND-03 PUL-32 Au-SCR21 SCR-21 BAG-01 SPL-21



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CERTIFICATE VA23212993

Project: Herbert Gold

This report is for 2 samples of Reject submitted to our lab in Vancouver, BC, Canada on 25-JUL-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kg to 106um

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

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.
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Signature:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23212993

Sample Description	Method Analyte Units LOD	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
730801		3.42	9.50	3.13	0.488	49.26	1033.0	3.00	3.25
730809		46.4	522	18.75	32.233	61.70	1061.5	18.45	19.00



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Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS	VA23212993
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CERTIFICATE COMMENTS	
Applies to Method:	LABORATORY ADDRESSES Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au-AA25 FND-03 PUL-32 Au-SCR21 SCR-21 BAG-01 SPL-21



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CERTIFICATE VA23212692

Project: Herbert Gold
P.O. No.: 23-4_GPG

This report is for 23 samples of Drill Core submitted to our lab in Vancouver, BC,
Canada on 1-AUG-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION
ME-OG62	Ore Grade Elements - Four Acid
As-OG62	Ore Grade As - Four Acid
Au-ICP21	Au 30g FA ICP-AES Finish
ME-ICP61	33 element four acid ICP-AES

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:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23212692

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
730814		1.08	2.16	0.8	6.83	4270	760	0.8	<2	3.09	<0.5	12	14	17	3.56	20
730815		1.42	1.090	2.9	2.18	>10000	470	<0.5	3	1.12	<0.5	6	19	6	3.10	10
730816		1.92	0.024	<0.5	7.61	116	1120	1.2	<2	4.28	<0.5	15	15	14	4.47	20
730817		1.44	0.002	<0.5	7.56	45	1240	1.1	<2	4.18	<0.5	14	14	16	4.19	20
730818		0.08	7.67	1.7	6.06	35	310	0.9	<2	2.95	<0.5	41	329	114	5.54	10
730819		2.74	0.024	<0.5	7.91	111	1240	1.1	<2	4.36	<0.5	14	13	14	4.34	20
730820		1.86	0.081	0.9	7.96	505	940	1.1	<2	3.92	<0.5	15	17	20	4.56	20
730821		2.42	0.014	<0.5	7.74	264	1290	1.0	<2	4.40	<0.5	14	15	12	4.64	20
730822		2.22	0.001	<0.5	8.11	7	1180	1.1	<2	4.52	<0.5	15	15	10	4.75	20
730823		2.54	0.002	<0.5	7.82	13	1260	1.1	5	4.89	<0.5	17	15	18	5.14	20
730824		2.94	0.146	<0.5	7.26	558	790	1.1	4	4.89	0.5	15	14	17	4.44	20
730825		1.06	0.119	1.7	7.05	5340	1040	1.0	3	3.64	0.6	13	16	10	4.09	20
730826		2.84	0.088	<0.5	7.91	1790	1440	1.1	2	5.63	<0.5	16	16	17	4.63	20
730827		2.26	0.006	<0.5	7.46	22	890	1.1	5	4.24	<0.5	13	13	19	4.07	20
730828		0.08	3.07	<0.5	7.50	673	710	2.3	4	0.79	<0.5	15	138	32	4.01	20
730829		2.50	0.006	<0.5	7.99	20	2040	1.2	<2	4.91	<0.5	17	16	17	4.92	20
730830		2.04	0.004	<0.5	7.71	16	710	1.2	4	4.34	<0.5	17	16	16	5.04	20
730831		2.84	0.004	<0.5	7.61	16	1070	1.2	<2	4.68	<0.5	16	16	16	5.08	20
730832		2.68	1.385	1.6	7.11	6110	950	1.1	<2	4.87	1.2	12	13	23	4.41	20
730833		1.32	3.33	1.6	4.00	>10000	730	0.6	<2	2.27	0.5	7	16	8	3.10	10
730834		1.86	0.081	<0.5	7.64	1035	1030	1.2	2	4.65	<0.5	16	17	20	4.90	20
730835		1.48	0.002	<0.5	7.50	58	1400	1.2	3	4.63	<0.5	16	15	18	4.84	20
730836		1.10	0.433	<0.5	7.78	>10000	1010	1.2	6	4.88	<0.5	17	15	11	5.30	20



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23212692

Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm
730814		1.39	10	40	1.24	538	1	2.17	4	900	21	0.40	<5	10	219	<20
730815		0.41	10	10	0.34	215	2	0.64	2	270	1015	1.18	<5	4	122	<20
730816		1.51	20	30	1.66	817	1	2.37	4	1110	18	0.09	<5	13	589	<20
730817		1.22	10	30	1.55	748	1	2.62	4	1060	19	0.06	<5	12	638	<20
730818		1.05	20	20	4.00	732	6	1.19	251	1070	11	0.08	<5	19	270	<20
730819		1.55	20	30	1.65	807	<1	2.40	4	1090	11	0.09	5	13	605	<20
730820		1.28	20	40	1.73	809	1	2.55	4	1170	14	0.16	6	14	654	<20
730821		1.75	10	40	1.84	875	1	2.28	2	1190	9	0.11	<5	13	574	<20
730822		1.29	20	30	1.80	849	1	2.49	5	1200	14	0.03	<5	14	714	<20
730823		1.39	10	50	1.92	907	1	2.12	7	1360	15	0.10	7	16	772	<20
730824		2.05	10	20	1.66	897	2	1.91	6	1140	16	0.23	7	13	510	<20
730825		1.08	30	20	1.38	661	1	2.22	4	950	866	0.33	<5	11	582	<20
730826		1.66	10	40	1.53	953	<1	2.40	4	1210	22	0.22	6	14	598	<20
730827		1.60	10	40	1.55	818	4	2.64	4	1030	14	0.08	5	10	571	<20
730828		2.89	40	40	1.57	349	1	0.71	64	600	22	0.15	628	14	102	20
730829		1.60	10	40	1.84	940	1	2.28	6	1240	12	0.15	6	14	644	<20
730830		1.40	10	40	1.90	847	1	2.48	5	1280	15	0.07	8	13	636	<20
730831		1.64	10	40	1.78	977	2	2.21	5	1300	12	0.10	6	14	584	<20
730832		2.03	10	20	1.60	858	1	1.94	5	1050	32	0.60	7	13	446	<20
730833		0.98	10	10	0.70	479	2	1.56	4	510	8	1.39	7	8	185	<20
730834		1.33	10	30	1.83	927	2	2.59	6	1230	15	0.18	6	14	681	<20
730835		1.30	10	20	1.73	906	2	2.68	4	1230	16	0.02	<5	13	689	<20
730836		1.52	10	30	1.68	875	3	2.20	6	1160	10	0.79	5	14	565	<20



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23212692

Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	As-OG62 As %
730814		0.35	<10	<10	90	30	79	
730815		0.11	<10	<10	29	10	26	2.40
730816		0.46	<10	<10	121	10	112	
730817		0.43	<10	<10	112	<10	98	
730818		0.67	<10	<10	142	10	82	
730819		0.44	<10	<10	114	20	103	
730820		0.47	<10	<10	118	30	110	
730821		0.48	<10	<10	125	20	105	
730822		0.49	<10	<10	127	10	112	
730823		0.53	<10	<10	141	20	108	
730824		0.45	<10	<10	122	40	106	
730825		0.38	<10	<10	99	<10	90	
730826		0.47	<10	<10	123	20	115	
730827		0.40	<10	<10	107	10	93	
730828		0.49	<10	<10	110	<10	104	
730829		0.48	<10	<10	129	10	112	
730830		0.52	<10	<10	135	10	113	
730831		0.50	<10	<10	136	10	114	
730832		0.39	<10	<10	112	50	100	
730833		0.21	<10	<10	78	40	26	2.73
730834		0.49	<10	<10	133	10	113	
730835		0.50	<10	<10	127	<10	117	
730836		0.44	<10	<10	124	20	85	1.410



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CERTIFICATE OF ANALYSIS VA23212692

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
As-OG62 Au-ICP21 CRU-31
LOG-22 LOG-24 ME-ICP61
PUL-31 PUL-QC SPL-22Y

CRU-QC
ME-OG62
WEI-21

Applies to Method:



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CERTIFICATE VA23205705

Project: Herbert Gold
P.O. No.: 23-2_GPG

This report is for 13 samples of Drill Core submitted to our lab in Vancouver, BC,
Canada on 26-JUL-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250q 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
AS-OG62	Ore Grade As - Four Acid	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	WST-SIM
Au-GR21	Au 30g FA-GRAV finish	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23205705

Sample Description	Method Analyte Units LOD	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Li ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1
730783		20	1.36	10	30	1.92	948	2	2.74	6	1240	17	0.02	<5	14	742
730784		20	1.28	20	30	1.32	863	1	1.75	6	870	2590	0.15	<5	12	416
730785		20	1.26	10	20	1.94	1005	2	2.77	6	1340	18	0.02	<5	13	801
730786		20	1.23	10	40	1.78	845	2	2.54	6	1150	23	0.03	<5	14	543
730787		20	1.42	10	30	1.85	909	2	2.68	7	1190	17	0.02	<5	14	735
730788		20	1.53	10	40	1.65	825	2	3.00	5	1160	14	0.07	<5	11	798
730789		20	1.31	10	30	1.40	720	1	2.83	3	970	17	0.17	<5	10	691
730790		20	1.47	10	40	1.71	839	1	2.77	4	1190	15	0.07	<5	12	746
730791		20	1.42	10	20	1.56	889	2	1.99	5	1050	14	0.08	<5	12	552
730792		20	0.97	10	30	1.18	1020	1	0.58	6	1000	12	0.08	<5	12	261
730793		<10	0.26	<10	<10	0.09	117	2	0.08	1	990	<2	0.01	<5	1	20
730794		30	2.55	10	20	1.13	772	2	1.23	7	1270	11	0.62	<5	13	395
730795		20	1.09	20	30	1.45	689	3	2.48	6	1100	37	0.72	<5	11	552



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CERTIFICATE OF ANALYSIS VA23205705

Sample Description	Method Analyte Units LOD	ME-ICP61 Th ppm 20	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	As-OG62 As %
730783		<20	0.54	<10	<10	144	<10	114	
730784		<20	0.35	<10	<10	100	20	79	
730785		<20	0.54	<10	<10	145	<10	123	
730786		<20	0.48	<10	<10	133	10	103	
730787		<20	0.54	<10	<10	139	<10	112	
730788		<20	0.47	<10	<10	124	<10	110	
730789		<20	0.41	<10	<10	109	20	95	
730790		<20	0.49	<10	<10	129	<10	113	
730791		<20	0.42	<10	<10	112	10	100	
730792		<20	0.43	<10	<10	108	10	88	
730793		<20	0.03	<10	<10	9	<10	8	
730794		<20	0.52	<10	<10	139	20	79	
730795		<20	0.43	<10	<10	109	40	96	1.370



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CERTIFICATE OF ANALYSIS **VA23205705**

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
As-OG62 Au-GRA21 Au-ICP21 CRU-31
CRU-QC LOG-22 ME-ICP61 ME-OG62
PUL-31 PUL-QC SPL-22Y WEI-21

Applies to Method:



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CERTIFICATE VA23204609

Project: Herbert Gold
P.O. No.: 23-1_GPG

This report is for 3 samples of Drill Core submitted to our lab in Vancouver, BC,
Canada on 13-JUL-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
PUL-QC	Pulverizing QC Test
SPL-21	Split sample – riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-01	Bulk Master for Storage
SCR-21	Dry Screen 1kq to 106um

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

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:

Saa Traxler, Director, North Vancouver Operations



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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23204609

Sample Description	Method Analyte Units LOD	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
730769		0.09	0.09	0.10	0.007	74.40	809.1	0.10	0.09
730773		0.57	1.39	0.52	0.088	63.20	972.2	0.57	0.47
730758		0.96	2.25	0.84	0.199	88.37	915.1	0.83	0.85



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Finalized Date: 18-AUG-2023
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Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23204609

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA25
FND-03
SPL-21
Au-SCR21
PUL-32
PUL-QC
BAG-01
SCR-21

Applies to Method:



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Finalized Date: 21-AUG-2023
Account: GRAPORT

CERTIFICATE VA23204536

Project: Herbert Gold
P.O. No.: 23-3_GPG

This report is for 18 samples of Drill Core submitted to our lab in Vancouver, BC,
Canada on 25-JUL-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250q 85% <75 um

ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION
ME-OG62	Ore Grade Elements - Four Acid
AS-OG62	Ore Grade As - Four Acid
AU-ICP21	Au 30g FA ICP-AES Finish
AU-ICP21	Au 30g FA-GRAV finish
ME-ICP61	33 element four acid ICP-AES

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:

Saa Traxler, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS VA23204536

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	Au-GRA21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %
730796		1.44	0.441		<0.5	7.30	>10000	1100	1.0	<2	4.48	1.2	14	14	22	4.38
730797		0.08	3.01		<0.5	7.27	633	680	2.2	<2	0.77	<0.5	14	128	31	3.84
730798		2.24	0.057		<0.5	7.56	2180	1230	1.1	<2	4.33	<0.5	15	15	15	4.38
730799		1.84	0.082		<0.5	7.50	1180	1220	1.1	<2	3.99	<0.5	13	13	16	4.06
730800		3.08	0.001		<0.5	7.83	25	930	1.1	<2	3.86	<0.5	13	15	12	4.39
730801		2.06	1.745		1.9	7.09	1195	930	1.1	<2	4.67	0.8	13	12	12	3.81
730802		1.64	0.024		<0.5	8.01	28	1240	1.1	<2	4.25	<0.5	14	15	17	4.46
730803		1.94	0.103		<0.5	7.23	904	830	1.1	<2	4.10	0.5	14	13	14	3.98
730804		1.76	0.021		<0.5	7.35	917	860	1.1	<2	4.42	<0.5	14	14	13	4.06
730805		2.28	0.046		<0.5	7.58	2830	1240	1.2	<2	4.03	0.6	15	14	16	4.34
730806		1.62	0.014		<0.5	7.45	92	960	1.2	<2	4.18	<0.5	13	14	11	4.23
730807		1.78	0.136		0.5	6.92	3080	790	1.1	7	3.43	1.6	13	16	21	3.65
730808		2.04	0.049		<0.5	7.90	108	700	1.2	7	4.29	0.5	15	15	11	4.30
730809		1.90	>10.0	55.7	24.7	3.36	>10000	310	0.6	3	1.97	9.3	7	19	8	3.79
730810		1.96	0.031		<0.5	8.36	2250	1260	1.2	8	4.64	<0.5	22	19	15	5.55
730811		1.22	<0.001		<0.5	7.79	23	1310	1.1	9	4.91	<0.5	19	16	15	5.15
730812		2.66	0.377		<0.5	8.07	1890	1080	1.2	9	4.58	<0.5	19	17	19	5.04
730813		3.06	1.430		<0.5	7.84	5200	990	1.1	7	4.52	<0.5	18	17	18	4.92



Project: Herbert Gold

CERTIFICATE OF ANALYSIS **VA23204536**

Sample Description	Method Analyte Units LOD	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Li ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1
730796		20	1.60	10	30	1.39	689	1	1.97	4	920	24	0.68	<5	12	352
730797		20	2.70	40	40	1.56	327	1	0.68	59	550	21	0.14	582	14	97
730798		20	1.15	20	40	1.73	829	1	2.46	8	1080	12	0.21	<5	13	602
730799		20	1.33	20	30	1.57	781	3	2.54	5	1020	12	0.21	<5	12	497
730800		20	1.33	20	30	1.78	791	1	2.49	8	1050	13	0.03	<5	13	544
730801		20	1.64	20	30	1.23	800	1	1.72	4	940	633	0.21	<5	12	305
730802		20	1.44	20	30	1.65	769	1	2.34	4	1110	14	0.09	<5	14	582
730803		20	2.20	10	20	1.43	760	1	1.80	6	1040	17	0.23	<5	12	320
730804		20	1.90	10	20	1.50	793	1	2.07	4	1000	12	0.21	<5	11	492
730805		20	1.47	10	20	1.62	753	1	2.42	6	1050	10	0.30	<5	13	577
730806		20	1.69	10	20	1.52	784	1	2.18	5	1050	12	0.19	<5	12	509
730807		20	1.63	10	30	1.26	621	1	2.07	5	960	17	0.34	6	11	416
730808		20	2.18	20	30	1.44	758	<1	1.97	7	1110	12	0.24	<5	13	356
730809		10	0.53	10	10	0.43	335	2	1.20	5	390	1630	1.75	6	5	114
730810		20	1.50	10	40	2.15	985	1	2.50	7	1380	19	0.18	<5	16	747
730811		20	1.17	10	20	1.89	962	1	2.67	9	1300	16	0.03	<5	13	766
730812		20	1.28	10	30	1.99	944	1	2.68	7	1280	15	0.24	<5	15	672
730813		20	1.11	10	30	1.84	891	2	2.57	8	1210	23	0.34	<5	14	688



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Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23204536

Sample Description	Method Analyte Units LOD	ME-ICP61 Th ppm 20	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	As-OG62 As %
730796		<20	0.37	<10	<10	99	20	98	1.060
730797		<20	0.47	<10	<10	105	<10	102	
730798		<20	0.45	<10	<10	115	20	110	
730799		<20	0.40	<10	<10	105	10	99	
730800		<20	0.44	<10	<10	112	<10	109	
730801		<20	0.38	<10	<10	98	20	110	
730802		<20	0.46	<10	<10	115	10	108	
730803		<20	0.43	<10	<10	113	40	98	
730804		<20	0.41	<10	<10	105	20	96	
730805		<20	0.44	<10	<10	113	20	112	
730806		<20	0.43	<10	<10	110	20	99	
730807		<20	0.38	<10	<10	105	40	130	
730808		<20	0.44	<10	<10	117	30	108	
730809		<20	0.17	<10	<10	47	40	311	3.13
730810		<20	0.55	<10	<10	146	10	128	
730811		<20	0.52	<10	<10	140	<10	119	
730812		<20	0.51	<10	<10	143	10	120	
730813		<20	0.47	<10	<10	131	10	112	



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Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23204536

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
As-OG62 Au-GRA21
CRU-QC LOG-22
PUL-31 PUL-QC
SPL-22Y

CRU-31
ME-OG62
WEI-21

Applies to Method:



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Account: GRAPORT

CERTIFICATE VA23192074

Project: Herbert Gold
P.O. No.: 23-1_GPG

This report is for 28 samples of Drill Core submitted to our lab in Vancouver, BC,
Canada on 13-JUL-2023.

The following have access to data associated with this certificate:

CARL HALE

IAN KLASSEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
As-OG62	Ore Grade As - Four Acid	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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:

Saa Traxler, Director, North Vancouver Operations



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Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23192074

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
730755		2.84	0.236	<0.5	7.61	1005	740	1.3	4	4.86	<0.5	16	16	8	4.55	20
730756		2.52	7.83	1.0	7.07	5770	790	1.1	6	5.03	5.3	16	15	20	4.42	20
730757		2.12	0.005	<0.5	7.70	36	1070	1.1	7	4.54	<0.5	19	19	19	5.41	20
730758		1.96	1.120	1.7	7.18	4360	1100	1.0	5	3.92	4.4	15	16	36	4.03	20
730759		1.88	1.020	<0.5	7.31	3010	880	1.1	7	4.11	0.6	17	16	17	4.44	20
730760		2.20	0.003	<0.5	7.83	16	1520	1.1	5	4.43	<0.5	17	16	8	4.89	20
730761		0.52	0.002	<0.5	0.10	10	20	<0.5	<2	34.5	<0.5	2	1	2	0.08	<10
730762		2.36	0.395	<0.5	7.77	1220	1280	1.1	6	4.72	<0.5	16	16	9	4.79	20
730763		1.98	0.016	<0.5	6.73	1095	610	1.3	2	3.33	<0.5	9	13	9	2.50	20
730764		0.08	0.342	<0.5	7.04	5	190	0.6	11	6.32	<0.5	46	174	110	7.72	20
730765		2.48	0.116	0.8	7.46	1665	870	1.3	5	3.66	<0.5	11	14	14	3.63	20
730766		2.36	0.023	1.7	7.53	1040	1180	1.1	8	3.69	<0.5	11	15	26	3.63	20
730767		2.28	0.012	4.7	7.74	1380	1180	1.1	14	4.13	0.5	17	16	25	4.66	20
730768		2.00	0.012	<0.5	7.66	17	1270	1.3	7	3.80	<0.5	16	17	11	4.43	20
730769		1.20	0.137	2.0	5.03	3270	600	0.8	9	2.83	<0.5	10	20	16	2.99	10
730770		1.80	<0.001	<0.5	7.45	17	940	1.4	3	3.68	<0.5	11	14	7	3.17	20
730771		1.82	0.002	<0.5	7.38	156	1280	1.4	4	3.13	<0.5	9	14	18	2.57	20
730772		1.80	0.024	<0.5	7.24	160	1020	1.4	3	4.04	<0.5	13	25	8	3.43	20
730773		1.36	0.465	33.1	1.33	>10000	130	<0.5	70	0.71	2.3	3	22	34	1.86	<10
730774		0.08	1.085	<0.5	6.66	25	150	<0.5	9	6.46	0.5	46	191	157	7.72	10
730775		1.34	0.001	<0.5	8.01	23	1390	1.2	9	4.78	<0.5	19	17	15	5.01	20
730776		1.42	0.024	<0.5	7.73	1500	980	1.3	6	4.07	<0.5	16	18	14	4.48	20
730777		2.08	0.026	1.1	7.22	1190	770	1.3	6	3.68	<0.5	9	18	16	3.02	20
730778		2.36	0.817	0.9	6.94	7090	950	1.3	5	3.00	<0.5	10	17	24	2.98	20
730779		2.34	0.023	<0.5	7.28	856	2100	1.2	3	3.41	<0.5	9	17	11	3.11	20
730780		2.44	0.004	<0.5	7.36	24	1630	1.2	4	3.44	<0.5	10	17	10	3.49	20
730781		2.52	0.028	<0.5	7.17	4930	2040	1.1	4	2.72	<0.5	10	18	9	3.09	20
730782		2.98	0.005	<0.5	7.02	298	1860	1.2	4	3.41	<0.5	9	15	14	2.83	20



Project: Herbert Gold

CERTIFICATE OF ANALYSIS																	VA23192074									
Sample Description		Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Li ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm									
730755			1.59	10	20	1.53	878	<1	1.54	7	1170	11	0.36	<5	13	584	<20	<20								
730756			1.41	10	30	1.10	808	<1	1.09	6	1260	59	0.49	<5	14	258	<20	<20								
730757			1.20	10	30	2.04	1025	<1	2.32	10	1310	14	0.06	<5	16	702	<20	<20								
730758			1.93	10	20	1.47	804	<1	1.81	7	1110	206	0.45	<5	12	400	<20	<20								
730759			1.30	10	30	1.67	849	2	2.25	6	1120	51	0.32	<5	12	527	<20	<20								
730760			1.13	10	30	1.85	896	<1	2.49	7	1250	10	0.06	<5	13	789	<20	<20								
730761			0.04	<10	<10	1.18	110	<1	0.02	<1	40	3	0.01	<5	<1	407	<20	<20								
730762			1.19	10	30	1.79	902	<1	2.33	8	1210	14	0.15	<5	13	690	<20	<20								
730763			0.83	10	20	0.86	533	<1	3.16	3	670	23	0.13	<5	8	629	<20	<20								
730764			0.42	10	10	4.10	1315	<1	2.15	124	890	3	0.08	<5	31	260	<20	<20								
730765			1.13	10	30	1.21	726	1	3.09	5	950	122	0.21	<5	10	641	<20	<20								
730766			1.11	10	30	1.30	708	1	2.72	4	1030	239	0.23	<5	10	730	<20	<20								
730767			1.22	10	50	1.75	882	<1	2.43	6	1190	459	0.28	<5	13	672	<20	<20								
730768			1.41	10	30	1.64	855	<1	2.74	9	1140	16	0.08	<5	13	675	<20	<20								
730769			0.77	10	20	1.04	562	2	1.32	6	720	286	0.20	<5	8	438	<20	<20								
730770			1.10	10	30	1.06	627	<1	3.00	4	910	19	0.03	<5	6	697	<20	<20								
730771			1.16	10	30	0.80	466	1	3.33	3	810	18	0.19	<5	5	724	<20	<20								
730772			1.16	10	20	1.42	776	<1	2.90	6	1180	15	0.08	<5	12	636	<20	<20								
730773			0.30	<10	<10	0.21	142	2	0.32	3	160	4590	0.87	<5	2	67	<20	<20								
730774			0.24	<10	10	4.10	1315	<1	2.05	108	410	14	0.21	<5	39	112	<20	<20								
730775			1.27	10	20	1.80	950	<1	2.50	5	1280	19	0.03	<5	14	747	<20	<20								
730776			1.21	10	30	1.74	861	<1	2.73	9	1140	20	0.17	<5	13	631	<20	<20								
730777			0.76	10	30	1.04	673	<1	3.09	4	970	185	0.22	<5	6	739	<20	<20								
730778			0.76	10	20	1.01	600	1	3.05	3	870	126	0.57	<5	7	604	<20	<20								
730779			1.21	10	30	1.06	639	<1	3.05	4	930	16	0.11	<5	7	658	<20	<20								
730780			1.37	10	30	1.20	684	<1	2.87	5	990	16	0.07	<5	8	651	<20	<20								
730781			1.38	10	20	0.93	510	6	2.86	3	770	14	0.29	<5	6	640	<20	<20								
730782			1.23	10	30	0.99	636	2	3.06	4	860	26	0.10	<5	7	667	<20	<20								



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Finalized Date: 17-AUG-2023
Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS VA23192074

Sample Description	Method Analyte Units LOD	ME-ICP61 Ti %	ME-ICP61 Ti ppm	ME-ICP61 U ppm	ME-ICP61 V ppm	ME-ICP61 W ppm	ME-ICP61 Zn ppm	As-OG62 As %
730755		0.45	<10	<10	123	10	105	
730756		0.45	<10	<10	124	30	233	
730757		0.55	<10	<10	144	<10	130	
730758		0.40	<10	<10	112	30	208	
730759		0.42	<10	<10	113	20	105	
730760		0.51	<10	<10	129	<10	112	
730761		0.01	<10	<10	2	<10	6	
730762		0.48	<10	<10	124	20	108	
730763		0.24	<10	<10	58	160	73	
730764		0.81	<10	<10	225	<10	99	
730765		0.39	<10	<10	78	10	110	
730766		0.43	<10	<10	89	<10	101	
730767		0.48	<10	<10	122	<10	111	
730768		0.47	<10	<10	126	<10	117	
730769		0.29	<10	<10	75	10	72	
730770		0.38	<10	<10	79	<10	103	
730771		0.33	<10	<10	65	20	72	
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730774		0.60	<10	<10	276	<10	87	
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730777		0.38	<10	<10	76	30	82	
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730780		0.41	<10	<10	83	<10	109	
730781		0.33	<10	<10	60	30	83	
730782		0.35	<10	<10	69	580	86	



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Finalized Date: 17-AUG-2023
Account: GRAPORT

Project: Herbert Gold

CERTIFICATE OF ANALYSIS	VA23192074
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CERTIFICATE COMMENTS	
Applies to Method:	LABORATORY ADDRESSES Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. As-OG62 LOG-22 PUL-31 Au-ICP21 LOG-24 PUL-QC CRU-31 ME-ICP61 SPL-22Y CRU-QC ME-OG62 WEI-21