TECHNICAL REPORT ON THE

Golden Wonder Property

SOUTH OF NEW HAZELTON, BRITISH COLUMBIA, CANADA

Prepared for Gama Explorations Inc.

Report for NI 43-101

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LIST OF ABBREVIATIONS

Abbreviation	Definition
µ	micron
°C	degrees Celsius
µγ	microgram
A	ampere
a	annum
Ag	silver
Au	gold
C$	Canadian dollars
cal	calorie
cfm	cubic feet per minute
cm	centimetre
cm²	square centimetre
Co	cobalt
Cu	copper
dia.	diameter
dmt	dry metric tonne
dwt	dead-weight ton
ft	foot
ft/s	foot per second
ft²	square foot
ft³	cubic foot
g	gram
G	giga (billion)
Gal	Imperial gallon
g/L	gram per litre
g/t	gram per tonne
gr/ft³	grain per cubic foot
gr/m³	grain per cubic metre
hr	hour
ha	hectare
hp	horsepower
HREE	heavy rare earth
HREO	heavy rare earth
in	inch
in²	square inch
J	joule
k	kilo (thousand)
kcal	kilocalorie
kg	kilogram
km	kilometre
km/h	kilometre per hour
km²	square kilometre
kPa	kilopascal
kVA	kilovolt-amperes
kW	kilowatt

Abbreviation	Definition
kWh	kilowatt-hour
L	liter
LREE	light rare earth elements
LREO	light rare earth oxides
m	metre
M	mega (million)
m²	square metre
m³	cubic metre
Ma	million years
MASL	metres above sea level
min	minute
mm	millimetre
mph	miles per hour
MVA	megavolt-amperes
MW	megawatt
MWh	megawatt-hour
m³/h	cubic metres per hour
opt, oz/st	ounce per short ton
oz	Troy ounce (31.1035g)
oz/dmt	ounce per dry metric tonne
pop.	population
ppb	part per billion
ppm	part per million
QA	quality assurance
QC	quality control
REE	rare earth elements
s	second
st	short ton
stpa	short ton per year
Stpd	short ton per day
T	metric tonne
Th equiv.	equivalent; gamma counts
Tpa	metric tonne per year
Tpd	metric tonne per day
TREO	total rare earth element
Tpa	metric tonne per year
Tpd	metric tonne per day
US$	United States dollar
USg	United States gallon
USgpm	US gallon per minute
V	volt
W	watt
Wmt	wet metric tonne
yd³	cubic yard
Yr	year

1 SUMMARY

Gama Explorations Inc. ("Gama Explorations") has retained Jeff Reeder, P.Geo., to prepare an independent Technical Report on the Golden Wonder Property ("the Property"), located in British Columbia, Canada to comply with regulatory disclosure and reporting requirements outlined in Canadian National Instrument 43-101 ("NI 43-101"), companion policy NI 43-101CP, and Form 43-101F. The Property was previously held by Blue Lagoon Resources Inc. and Jeff Reeder, P.Geo. was the author of a NI 43-101 technical report entitled "Technical Report on the Golden Wonder Property, South of New Hazelton, British Columbia, Canada" with an effective date of May 21, 2019 (the "2019 Report") and available under Blue Lagoon Resources Inc. SEDAR profile. The purpose of this report is to update the 2019 Report with results of the 2019 exploration work completed after the 2019 Report was published.

1.1 PROPERTY DESCRIPTION

The Golden Wonder Property is located in west central British Columbia, Canada, in the Hazelton area. The area lies at the north end of the Rocher Déboulé Range, near the junction of the Bulkley and Skeena Rivers. The geographic centre of the Property is at 55°11'N, 127°36'W.

The Property is approximately 1 km south of the Yellowhead Highway, a major interprovincial highway in western Canada. The west end of the Property (the Golden Wonder area) can be reached by a gravel road that links to highway southwest of Sealey Lake Provincial Park; ATV trails run east from this road, both north and south of Denys Lake. The northern section of the Property (West's Knoll, Daley West areas) is mostly accessible from the highway by ATV along trails or by foot. Access to the south-central area of the Property (Black Prince, Blue Lake, Silvertip Glacier, and Hecla areas) is limited to helicopter.

1.2 MINERAL TENURE

The Property comprises five contiguous mineral claims that cover an area of approximately 7,182.93 ha. The claims are currently held in trust by Jody Dahrouge for Gama Explorations Inc. Inc. Gama recently signed a purchase agreement with Blue Lagoon to acquire the Property. The agreement is subject to the following conditions: 1) Payment of $50,000 by bank draft or wire transfer to Blue Lagoon; b) issue 1,000,000 fully paid and non-assessable Shares to Blue Lagoon; and 3) grant Blue Lagoon a net smelter royalty (NSR) of 0.5%.

Additionally, there is an Underlying Royalty Agreement; DG Resource Management Ltd. retains a 2% NSR that was part of the purchase agreement between Blue Lagoon and Primary Energy Metals Inc. This NSR is only subject to four of the tenures (1047950, 1047951, 1047952 and 1049753).

1.3 GEOLOGY AND MINERALIZATION

The Golden Wonder Property is situated in the Intermontane tectonic province of the Canadian Cordillera and is underlain by rocks of the Late Paleozoic Stikine volcanic arc terrane. The

Rocher Deboule area lies within the Skeena Arch, an east-northeast-trending belt of Jurassic and older, mostly volcanic rocks that straddle the Skeena Terrane, a volcanic arc complex. The Rocher Déboulé Range is underlain by the upper two divisions of the Hazelton Group (Red Rose and Brian Boru formations) and is intruded by the Rocher Deboule stock, predominantly a porphyritic granodiorite and lesser quartz monzonite.

Most of the areas of interest on the Property are associated with mineralized vein fillings and shear zones near the margin of the Rocher Deboule intrusion into sedimentary and volcanic rocks. Heat from the intrusion of the Rocher Deboule stock created a hornfelsic aureole in the surrounding Hazelton rocks.

1.4 EXPLORATION

This Technical Report summarizes the historic exploration on the Property. Gama Explorations Inc. has not conducted exploration on the Property.

1.5 DEVELOPMENT AND OPERATIONS

There is currently no mining infrastructure on the Golden Wonder Property. The Black Prince showing reportedly produced 120,338 grams silver and 619 kg lead from 19 tonnes in 1915.

1.6 CONCLUSIONS AND RECOMMENDATIONS

The 2019 exploration program focused on better defining the extent of precious metal potential at the Golden Wonder showing on the Property. The soil and rock analytical results indicate that there is significant Au (+/-Ag, Cu, Co) mineralization at the Golden Wonder showing area, in massive to narrow sulphide veins and in the surrounding argillite/mudstone. Elevated gold values occur both in the soil and rock samples at Golden Wonder. A high proportion of the total rock samples collected between 2017 and 2019 displayed anomalous Au values, with 34 of the 197 samples returning greater than 0.5 g/t Au. The 2019 ground magnetic survey highlighted several linear magnetically anomalous zones with a NE-SW trend that align with historical and 2019 rock and soil data. The trend has an approximate 1100 m length.

Recommended work on the Property includes a backpack diamond drill program (instead of trenching) at Golden Wonder to better define the mineralization trend, mineralization of the bedrock and assist with targeting for a full drill program. Also, soil sampling and geological mapping are recommended at Three Hills and West's Knoll where drumlins follow the same trend as that of Golden Wonder, to determine if they have mineralization potential similar to that of Golden Wonder.

2 INTRODUCTION

Jeff J. Reeder, P.Geo, has been retained by Gama Explorations Inc. ("Gama") to prepare an independent Technical Report on the Golden Wonder Property ("the Property"). Gama recently acquired the Property from Blue Lagoon Resources Inc. ("Blue Lagoon"). Gama Explorations will have 100% interest in the Property, subject to the terms outlined in the purchase agreement with Blue Lagoon. The Property is located in west-central British Columbia, Canada (**Error! Reference source not found.**) and is comprised of five contiguous mineral claims that cover an area of approximately 7,182.93 ha.

This report was commissioned by Gama to comply with regulatory disclosure and reporting requirements outlined in Canadian National Instrument 43-101 ("NI 43-101"), companion policy NI 43-101CP, and Form 43-101F. The Qualified Person responsible for this report is Jeffrey J. Reeder, P.Geo, an independent consulting geologist with 31 years of experience working with precious and base metal mineralization deposits. Mr. Reeder is responsible for all items in this report.

Information, conclusions, and recommendations contained in this report are based on field observations as well as on published and unpublished data (Section 27: References).

Mr. Reeder visited the Property on May 22, 2017. During the visit, the author reviewed exposed outcrop, subcrop, and float, and collected seven rock samples from two historic showings: Golden Wonder and the Black Prince. While at the Property, the author reviewed and discussed sampling techniques with Dahrouge Geological personnel. The Golden Wonder Property is considered an early-stage exploration property. The author saw no need to revisit the property as the work completed mainly consisted of surface geochemistry and magnetics. Furthermore, due to the COVID Pandemic, travel restrictions and safety for employees were taken in consideration to determine whether or not a visit was necessary. The work performed is considered of high quality and sufficient for purposes of this report.

3 RELIANCE ON OTHER EXPERTS

The Author has relied on ownership information provided by Gama and Blue Lagoon. Mineral Titles for the Golden Wonder Project were verified through the British Columbia Government Mineral Titles Online System at:

https://www.mtonline.gov.bc.ca

While the title documents were reviewed for this report, it does not constitute, nor is it intended to represent, a legal, or any other opinion as to title.

This information is used in section 4 of this report.

4 PROPERTY DESCRIPTION AND LOCATION

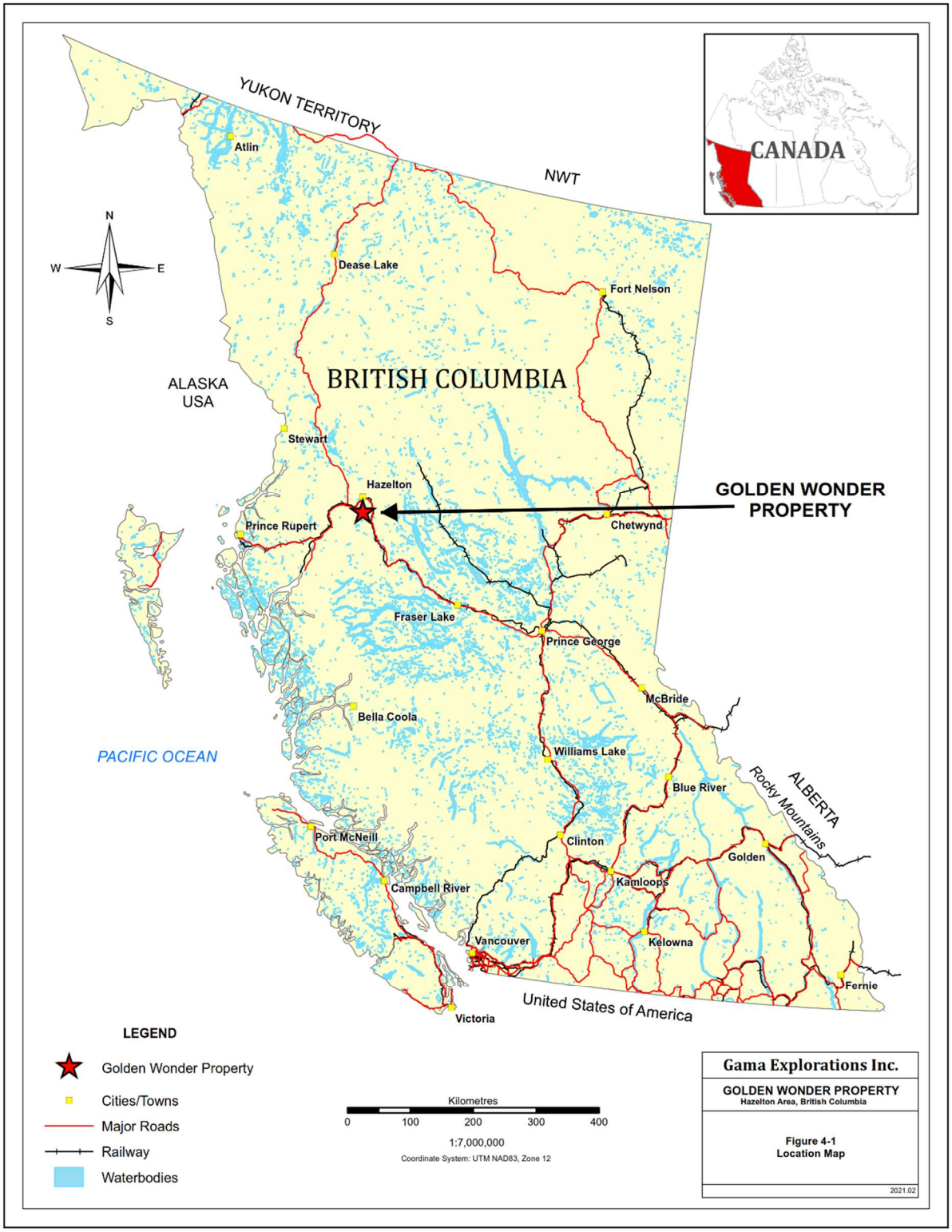

Figure 4-1 Property Location of the Golden Wonder Property

4.1 LOCATION

The Golden Wonder Property is located in west-central British Columbia, Canada, on NTS map sheet 093M03 (BCGS map sheets 093M012, 013, 022, and 023). The area lies at the north end of the Rocher Déboulé Range, near the junction of the Bulkley and Skeena rivers. The Property is 1 km south of the Municipality of New Hazelton and 65 km southeast of Smithers, BC.

The geographic centre of the Property is located at 55°11'N, 127°36'W (Figure 4-1**Error! Reference source not found.**). The Property comprises five contiguous mineral claims that cover an area of approximately 7,182.93 ha (Figure 4-2).

4.2 MINERAL TENURE

Mineral claims in British Columbia are subdivided into two major categories: placer and mineral claims. Mineral claims are acquired through the Government of British Columbia's interactive online mineral tenure system, Mineral Titles Online (MTO). A Free Miner Certificate (FMC) is required to acquire and maintain mineral claims; this is available to both individuals and corporations through MTO.

Once registered, a claim remains in good standing until the "Expiry Date" (Anniversary Date), one year from the date of registration. In order to maintain the mineral tenure for each subsequent year (anniversary year), exploration and development work must be carried out and registered, or a cash-in-lieu payment registered with MTO. The minimum value of the work per hectare required to maintain a mineral claim for one year is shown in Table 4-1 and the amount of cash-in-lieu per hectare required to be paid, if work is not registered, is outlined in Table 4-2.

Table 4-1. Mineral Tenure Work Requirements in BC

Anniversary Year	Work Requirement
1 and 2	$5/hectare
3 and 4	$10/hectare
5 and 6	$15/hectare
7 and subsequent	$20/hectare

Table 4-2. Mineral Tenure Cash-in-Lieu in BC

Anniversary Year	Work Requirement
1 and 2	$10/hectare
3 and 4	$20/hectare
5 and 6	$30/hectare
7 and subsequent	$40/hectare

The Golden Wonder Property is comprised of five mineral claims that are registered under and subject to the Mineral Tenure Act (MTA) of the Province of British Columbia (Table 4-3). The title overlap report generated with the claim registration is summarized in Table 4-4.

All claims are currently in good standing. Four tenures (Chicago, Station, Mudflat, and Bunker) fall under "Protected Status' due to COVID-19 and have been granted an extension of time until December 31, 2021. The mineral claims are currently held in trust by Jody Dahrouge (DG Resource Management Ltd.) for Blue Lagoon. On February 2, 2021, Gama entered into a purchase agreement with Blue Lagoon for the Property. The agreement will grant Gama 100% interest in all claims and is subject to fulfillment of the following considerations:

a) Payment of $50,000 by bank draft or wire transfer to Blue Lagoon

b) Issue 1,000,000 fully paid and non-assessable Shares to Blue Lagoon; and

c) Grant Blue Lagoon a net smelter royalty (NSR) of 0.5%.

Additionally, there is an Underlying Royalty Agreement; DG Resource Management Ltd. retains a 2% NSR that was part of the purchase agreement between Blue Lagoon and Primary Energy Metals Inc. This NSR is only subject to four of the tenures (1047950, 1047951, 1047952 and 1049753).

Table 4-3. Details of the Golden Wonder Property Claims

Tenure Number	Tenure Name	Holder	Area (ha)	NTS Sheet	Record Date	Anniversary Date	Protected Date
1047950	Chicago	Jody Dahrouge	1809.67	093M	2016/Nov/18	2021/Aug/25	2021/Dec/31
1047951	Station	Jody Dahrouge	1826.87	093M	2016/Nov/18	2021/Aug/25	2021/Dec/31
1047952	Mudflat	Jody Dahrouge	1846.82	093M	2016/Nov/18	2021/Aug/25	2021/Dec/31
1047953	Bunker	Jody Dahrouge	369.17	093M	2016/Nov/18	2021/Aug/25	2021/Dec/31
1061406	Three Hills	Jody Dahrouge	1330.40	093M	2018/Jun/24	2022/Aug/25	-

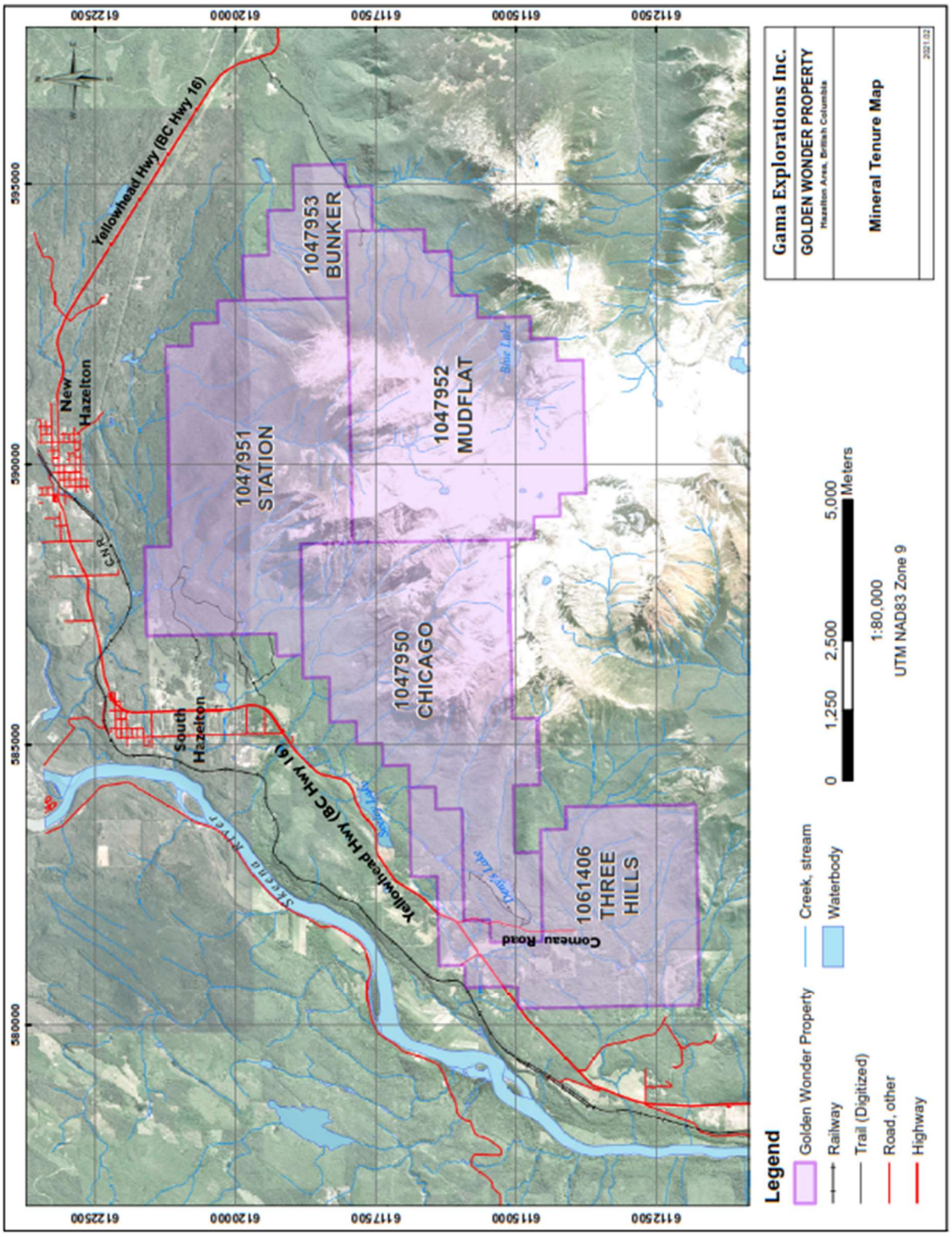

Figure 4-2 Golden Wonder Property Mineral Tenure Map

Table 4-4. Title Overlap Report Summary

	None	1047950	1047951	1047952	1047953	1061406
First Nations Interests						
• Indian Reserve	X					
• First Nations Treaty Lands	X					
• Treaty Related Lands	X					
• Consultative Areas: Gitxsan Hereditary Chiefs		X	X	X	X	X
Legal and Administrative Interests						
• Permitting Region: Skeena Natural Resource Region		X	X	X	X	X
Reserves:						
• 1002842 Uranium and Thorium Reserve, Mineral and Placer – No Staking)		X	X	X	X	X
• 333110 (Post 1988 Crown Grants Reserve, Mineral and Placer – No Staking)		X	X	X	X	X
• Federal Transfer of Administration and Control	X					
Agricultural Land Reserve:						
• 1692539.0		X				
• 1693387.0		X	X			
• 2210939.0						X
• 2211787.0						X
• Parks/Protected Areas	X					
• Municipality	X					
• Land Title District: Cassiar District		X	X	X	X	X
• Forest District: Skeena Stikine Natural Resource District		X	X	X	X	X
Strategic Land Resource Plan:						
•Kispiox Land and Resource Management Plan (LRMP)		X	X	X	X	X
•Kispiox Sustainable Resource Management Plan (SRMP)		X	X	X	X	X
•Atlin-Taku Strategic Land Resource Plan	X					
Tenure Overlap						
Sub-surface (does not include crown grants):						
• Mineral: None	X					
• Placer: None	X					
• Coal: None	X					
• Surface (does not include crown grants) – Crown Land Leases	X					
Other Resource Interests Overlap						

• Ungulate Winter Range: u-6-006		X	X	X		X
• Wildlife Habitat Area	X					
• Wildlife Management Area	X					

The author makes no further assertion regarding the legal status of the Property. The Property has not been legally surveyed to date and no requirement to do so has existed.

There are no other royalties or back-in rights to undertake exploration on the Property.

4.3 ENVIRONMENTAL LIABILITIES

There are no other known environmental liabilities associated with the Property.

4.4 SURFACE RIGHTS

Surface rights overlap the west and east ends of the Property. Surface rights are not included with mineral claims in British Columbia.

Notification must be provided before entering private land for any mining or exploration activity, including non-intrusive forms of mineral exploration such as mapping surface features and collecting rock, water, or soil samples. Notification may be hand delivered, mailed, emailed, or faxed to the owner shown on the British Columbia Assessment Authority records or the Land Title Office records. Mining activities cannot start sooner than eight days after notice has been served. Notice must include a description or map of where the work will be conducted and a description of what type of work will be done, when it will take place, and approximately how many people will be on the site.

4.5 CROWN GRANTS

Historic Crown Grants on the Property were researched using British Columbia's Mineral Title Online to determine their status. The results indicate that any Crown Grants for the claims have expired (Table 4-5).

Table 4-5. Expired Crown Grants on the Golden Wonder Property

District Lot Number	Claim Name
513	Chicago
514	Chalco
601	Summit
602	Crooked Fraction
606	Skeena
710	Islander
3307	Mammoth
3309	Homestake
3314	Mascot
3316	Cork Fraction

3322	Golden Wonder
4273	Mandon

4.6 PERMITS

Any work on a mineral claim in British Columbia that disturbs the surface requires a Notice of Work (NOW) permit under the Mines Act of British Columbia, which governs exploration and mining activities. The owner must receive written approval from a Provincial Mines Inspector prior to undertaking such work. Work requiring a NOW includes, but is not limited to drilling, access construction, trenching, excavating, blasting, camp construction/demolition, induced polarization surveys using exposed electrodes, and reclamation.

Exploration activities that do not require a NOW permit include prospecting with hand tools, geological/geochemical surveys, airborne geophysical surveys, ground geophysics without exposed electrodes, hand trenching, and the establishment of grids.

The Chief Inspector of Mines decides whether land access will be granted and authorizes the Ministry of Forests, Lands and Natural Resources (FLNRO) to issue a "Special Use Permit" that specifies terms and conditions under which the work can proceed. The FLNRO and the Ministry of Energy and Mines (MEM) collaborate to determine land access details such as the location, design, and maintenance provisions of approved access routes.

Notice must be provided to landowners before entering private land for any mining or exploration activity. This notice must describe where the work will be conducted and what type of work will be conducted; when the work will take place; and how many people will be on site.

The issuer does not hold any permits pertaining to exploration work on the Property.

4.7 OTHER SIGNIFICANT FACTORS AND RISKS

As determined from Table 4-4, the Property lies within the Gitxsan Hereditary Chiefs traditional territory, therefore, it is recommended that the First Nation should be addressed in open discussions with all parties involved moving forward. Following the decision made on the Tsilhqot'in Aboriginal Title Case, a risk factor is warranted. Given the Property lies on traditional territory, title and the right to perform work may be a factor if the Property area is subject to Aboriginal title. This title would grant the First Nation group(s) the right to control the land and its economic benefits, including resources. No such title case has been put forward as of the writing of this report.

The author is not aware of any additional significant factors or risks that may affect access, title, or the right or ability to perform work on the Golden Wonder Property.

5 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE, AND PHYSIOGRAPHY

The Golden Wonder Property is located approximately 1 km south of the Yellowhead Highway, a major interprovincial highway in western Canada. The Yellowhead Highway (BC Highway 16) is part of the Trans-Canada Highway System, a transcontinental federal-provincial highway system that travels through all ten provinces of Canada from the west to east coast.

The west end of the Property (the Golden Wonder showing area) can be reached by Comeau Road, a gravel road that links to BC Highway 16 southwest of Seeley Lake Provincial Park. ATV trails run east from Comeau Road, north for ~1,400 m and south for ~1100 m of Denys Lake.

The northern section of the Property (West's Knoll and Daley West areas) is accessible from BC Highway 16 by ATV along trails or by foot. Access to the south-central area of the Property above the treeline (Black Prince, Blue Lake, Silvertip Glacier and Hecla areas) is limited by topography to helicopter.

5.1 TOPOGRAPHY, ELEVATION, AND VEGETATION

The Property is in rugged and glaciated mountainous terrain with deeply incised valleys. It includes Hagwilget Peak (1,879 m) and the north half of the Sawmill Glacier (1,927 m).

Elevations on the Property range from 300 m to 2200 m, with steep slopes, bare rock, and talus aprons, separated by bog and streams that flow into the Skeena and Bulkley rivers.

Vegetation is sparse above the tree line (~1,100 m) consisting mainly of heather and fir in protected areas and depressions. Below the tree line, vegetation is predominantly pine, spruce and fir, with Labrador tea, moss, and ferns. The Property lies within the BC Ministry of Environment's Nass Range: Cranberry Upland ecoregion classification. The ecoregion is described as having four main types of ecosystems:

- wet, Coastal Western Hemlock forest (valleys and lower slopes: west)
- wet transitional Mountain Hemlock subalpine and alpine forests (upper slopes: west)
- cold interior Cedar-Hemlock forest (valley bottoms lower slopes: east)
- cold Engelmann Spruce-Subalpine Fir forest (middle to upper slopes: east)

Deer, moose, and mountain goats inhabit the area, as well as carnivorous animals such as cougars, black bears, wolves, coyotes, and wolverines.

5.2 INFRASTRUCTURE AND LOCAL RESOURCES

The nearest population centre to the Property is the Hazelton area, which includes two municipalities (the Village of Hazelton and the District of New Hazelton), three unincorporated settlements, and four First Nations' villages (combined population of about 8,000). New Hazelton is located about 1 km north of the Property's north boundary.

The town of Smithers (population 5,351), about 65 km southeast of the Property, has a branch of the Ministry of Energy and Mines and currently provides services for exploration and mining activities in the area, including helicopter, drilling, expediting, and heavy equipment operators.

Paved and gravel roads, rail, and power transmission lines run adjacent to the northern edge of Property.

The New Hazelton railway station, served by Via Rail's Jasper–Prince Rupert train, is on the Canadian National Railway mainline, which runs approximately 250 m north of the Property's boundary. BC Highway 16 runs within several kilometres of the north property boundary, through New Hazelton and South Hazelton.

The BC Hydro 138 kV supply line for the region passes through the Property, with a secured substation at New Hazelton.

The nearest airport to the Property is Smithers Regional Airport, where daily commercial flights area available to Vancouver.

5.3 CLIMATE

The Property experiences a mix of coastal and interior weather patterns owing to its location. The nearest active Environment Canada weather station is at the Smithers Regional Airport, approximately 45 m southeast of the Property at an elevation of 522 m. Elevations on the Property reach 2,200 m, and consequently, weather at the higher elevations will likely be more severe.

The lower elevations experience a humid continental climate: the driest month is March, and the wettest month is October.

Higher elevations often have heavy winter snow accumulations. In spring, snow melting can be rapid and result in heavy spring runoff. Although much of the Property is free of snow by July, some higher elevations have permanent snowfield.

Summers are hot and dry with intermittent storms. In the Hazelton area, the daytime temperature in summer can exceed 30°C, but be as low as –2°C; the average temperature range in July is 8°C to 20.9°C.

Winters are cold but can be moderated by Pacific air masses. In the Hazelton area, the average temperature in January is –6.9°C, but Arctic air masses can push the temperature below –33°C.

The Property's lower elevations can be explored from May through October, but exploration of the higher elevations should be restricted to summers between July and September.

6 HISTORY

The Property is in an area with an extensive history of mineral exploration, including production from the nearby CAP, Victoria (Hazelton View), Roche DeBoule, Red Rose, and Highland Boy mines in the early to middle 1900s.

Historic showings on the Property, listed on British Columbia's MINFILE database, include Golden Wonder, Daley West, Hecla, Black Prince, Blue Lake, and Silvertip Glacier (**Error! Reference source not found.**). Another area of interest mentioned in historical reports is West's Knoll.

There are no significant historical mineral resource or reserve estimates on the Golden Wonder Property.

6.1 1912-2011 EXPLORATION AND DEVELOPMENT

Exploration on the Property started in the early 1900s. Most of the showings previously belonged to other claim blocks and properties, and information can be difficult to delineate as names varied with ownership. Historical exploration and development for each showing are described below and summarized in Table 6-1. The information is predominantly derived from the British Columbia Geological Survey MINFILE reports and from British Columbia's Assessment Report Indexing Service (ARIS).

Table 6-1. Summary of Previous Exploration and Development

Year	Company/ Individual	Work	Results
Three Hills and Area (current claim 1061406):			
1951-1955	Alfred LeToile, D.R. Willemar & E.H. Harbottle	▪trenching; one shallow trench perpendicular to rock drumlin.	▪two chip samples: trace Au, 0.3% Ag, 0.058% Cu; and trace Au, trace Ag, 0.61% Cu; noted two major shear zones.
1955-1956	Silver Standard Mines Ltd.	▪shallow drilling and stripping	▪no record of results
Golden Wonder and Area (claim 1047950):			
1912	Messrs. Harris & Corneau	▪ sunk a 6 m shaft and excavated open cuts	
1917-1918	M.W. Sutherland & J.B. Tyrell	▪ sunk 3 more shafts, conducted trenching and excavated pits	▪deepest shaft was 30.4 m
1959-1960	G.L. Oates	▪ electromagnetic induction survey in Golden Wonder area	

1970-1971	Chapparal Mines Ltd.	▪ 32-line kilometres of IP and aeromagnetic surveys; soil sampling; mapping; trenching; and 1000 m diamond drilling and 314 m of percussion drilling on the Loudel claim.	▪0.3 m drillhole intersection at 13% Cu
1980	ASARCO Exploration Company Inc	▪ geological mapping, rock sampling and a ground magnetic survey on the Golden Wonder and Shamrock claims.	▪weighted average assay of 13 g/t Ag, 1.01% Cu, 0.016% Pb, 0.017% Zn, 0.09% Co, 0.08% W; Several narrow, mineralized shear zones were noted
2006	Ranex Exploration Ltd.	▪ prospecting and rock sampling on the Golden Wonder claim.	▪20 g/t Au, 180 g/t Ag, 8% Cu, 0.1% Co, 0.6% W, 0.3% Zn
2011	American Manganese Inc.	▪ soil sampling and rock sampling on the Golden Wonder claim.	▪soil sample results of interest at 40E 5800N: 1.585 g/t Au, 214 g/t Ag and 40E 5875N: 11.4 g/t Au. Rock samples of interest:0.2 m chip sample: 21.9 g/t Au, 104 g/t Ag, 3.1 % Cu, 1.21% Co; grab sample: 1.29 g/t Au, 6.69 g/t Ag, 0.234% Cu
West's Knoll (1047951):			
2011	American Manganese Inc.	▪ soil sampling and rock sampling.	▪boulder with 61 g/t Au
Daley West and Area (1047951):			
1916	Spokane Rocher Deboule Mining and Copper Company	▪ sunk 2 adits (47 m and 72 m, now caved), excavated open cuts and collected rock samples	▪noted a silicified shear zone (up to 1.5 m wide) with vein quartz (0.15 to 1.0 m wide) over 100 m length; and a 38 cm channel sample: 1.4 g/t Au, 47 g/t Ag, 1.92% Cu
1981	A. L'Orsa	▪ rock sampling on the Judi claim	▪ a grab sample with 2.14 g/t Au, 15.6 g/t Ag, 1.06% Cu, 0.1% Co, 0.66% W (15% ± arsenopyrite); second grab sample with 0.13 g/t Au, 0.5 g/t Ag, 0.59% Cu, 0.44% Co (15% ± arsenopyrite)
2011	American Manganese Inc.	▪ rock sampling, soil sampling and stream sediment sampling on the Daley West claim	▪ chip sample with 6.32 g/t Au, 215 g/t Ag, 7% Cu, anomalous Co, Bi and As.
Black Prince (1047952):			
1915	unknown	▪ production	▪ 19 tonnes with 120,338 g Ag and 619 g Pb
1916	Black Diamond Exploration	▪ prospecting	▪ no details available
1944-1945 and	Privateer Mining Company	▪ underground work	▪ no details available

1951-1953			
1954	Geological Survey of Canada	▪ rock sampling and mapping	▪ 7.6 m sample with 1.0 g/t Au, 2.37% WO3, 0.8% Sn and 0.33% equivalent U
1960	BC Department of Mines	▪ rock sampling	▪ 0.6 m sample with 6.9 g/t Au, 0.36% Cu, 0.82% WO_3 and 0.10% MoS2
1979	Group VIII Ventures	▪ rock sampling and trenching	▪ 0.59 m sample with 3.4 g/t Ag, 1.15% Cu, 0.02% WO_3, 0.34% molybdenum
Blue Lake (1047952):			
1954	Geological Survey of Canada	▪ rock sampling and mapping	▪up to 0.25 m sample: up to 10% tetrahedrite and minor chalcopyrite; a grab sample with 0.85% Mo, 1.0% WO3 and 0.004% equivalent U; a grab sample with 2.74 g/t Au, 11.31% WO3, 0.06% Mo and 0.003% equivalent U; a grab sample with 0.7 g/t Au and 1,900 g/t Ag
Hecla/Bluebird (1047952):			
1954	unknown	▪ rock sampling	▪ grab sample from a 2.7 m aplite dike with trace Au, 34.3 g/t Ag and 0.22% Cu; grab sample from a 1.8 m pegmatite dike with trace Au, 18.2 g/t Ag and 0.39% Cu

Three Hills and Area (Claim 1061406)

Three Hills Property was originally staked in 1951 by Alfred LeToile; the property consisted of 6 claims. In 1955, D.R. Willemar and E.H. Harbottle re-staked the claims with LeToile. They conducted trenching across a drumlin; one chip sample returned values of 0.3% Ag and 0.058% Cu, and a second sample returned 0.61% Cu (Sutherland Brown, 1960).

In 1955 and 1956, Silver Standard Mines Ltd. optioned the property and conducted diamond drilling and some stripping (Sutherland Brown, 1960); no record of results was available.

Golden Wonder and Area (Claim 1047950)

Exploration in the Golden Wonder area (historic claims Loudel, Mandon and Shamrock) began in 1912 with investigations focused on the 'Golden Wonder' showing at the far west end of the current Property. Messrs, Harris and Comeau made several surface cuts and sank a 6 m shaft on the claim (Minister of Mines, B.C., MINFILE 093M 074). The initial targets of exploration were two shear zones, one occurring at the south end and the second occurring at the north end of a large drumlin (Sutherland Brown, 1960). The southern shear zone strikes 275° and dips 80°N, has been traced for over 150 m and is up to 1 m thick. Mineralization in the southern shear zone includes predominantly lenses of pyrrhotite with lesser chalcopyrite, arsenopyrite and pyrite. The northern shear zone strikes 290° and dips 75°S, is up to 1.2 m thick and is

exposed in open cuts for over 60 m. Mineralization in the northern shear zone is dominantly lenses of pyrite and chalcopyrite. These shear zones were the focus of the early work, many shafts and surface cuts were made in these areas.

Between 1917 and 1918, M.W. Sutherland and J.B. Tyrell, optioned the claims and conducted work on the claims including excavation of pits and trenches and sinking of several shafts; the deepest shaft was 30.4 m and sunk into the south shear zone (Minister of Mines, B.C., MINFILE 093M 074).

In 1918, J.B. Tyrella acquired five claims including Golden Wonder, Golden Chief, Golden Potlatch, Cresent and Maple Leaf. (Minister of Mines, B.C., MINFILE 093M 074).

In 1951, National Exploration Company Ltd. acquired the Golden Wonder claim but did not report any work on the claim.

Between 1959 and 1960, G.L. Oates held the Golden Wonder and Mandon claims (both hosting the Golden Wonder showing) and reported an electromagnetic induction survey (Oates, 1960).

In 1970, the claim was acquired by Chapparal Mines Ltd. ("Chapparal") as part of a larger claim block. Chapparal carried out an IP and magnetometer survey, geochemical soil sampling, mapping, trenching and drilling. A total of 6 percussion, totalling 314 m, and 10 diamond drill holes totalling approximately 1,000 m were drilled on the Loudel claim near Denys Lake (Olson, 1980). One drillhole is reported to have intersected 0.3 m of 13% Cu (Ethier and Pinsent, 2011).

In 1980, ASARCO Exploration Company Inc. (ASARCO) acquired the Golden Wonder claim and optioned the Shamrock claims from R.H. Dieter. ASARCO conducted a ground magnetic survey, detailed geological mapping and rock sampling on the claims. Results identified three areas of significant sulfide copper mineralization: quartz-calcite with chalcopyrite and pyrrhotite veining; quartz-calcite veining with chalcopyrite, pyrrhotite, pyrite and arsenopyrite and quartz-calcite-tourmaline veins with chalcopyrite, pyrrhotite, pyrite and lesser arsenopyrite and sphalerite. All mineralization is associated with shear zones within and near to the feldspar porphyry dike. A weighted average of assays from one of the mineralized zones is13 g/t Ag, 1.5 g/t Au and 1.01% Cu (Olson, 1980).

In 2006, Ranex Exploration Ltd., carried out prospecting and mapping of the mineralization zones; they reported a rock sample with 20 g/t Au, 124 g/t Ag, 0.6% W, 0.3% Zn, up to 8% Cu (McInnis, 2006).

In 2011, American Manganese reported results from a soil survey and rock sampling program they undertook on the claim. They obtained samples from the south and north shear zones, and from another area of interest about 450 m from the main pit on the southwest side that showed similar characteristics to the other areas. Results for two of the geochemical soil survey samples indicated one sample with 1.585 g/t Au, 214 g/t Ag, and another sample with 11.4 g/t Au. A rock grab sample from the higher-grade main pit area assayed 21.9 g/t Au, 104 g/t Ag, 3.1%Cu, and 1.215%Co. A 0.2 m chip sample from other area of interest (450 m SW of the main pit) assayed 1.29 g/t Au, 6.69 g/t Ag, and 0.234% Cu (Ethier and Pinsent, 2011).

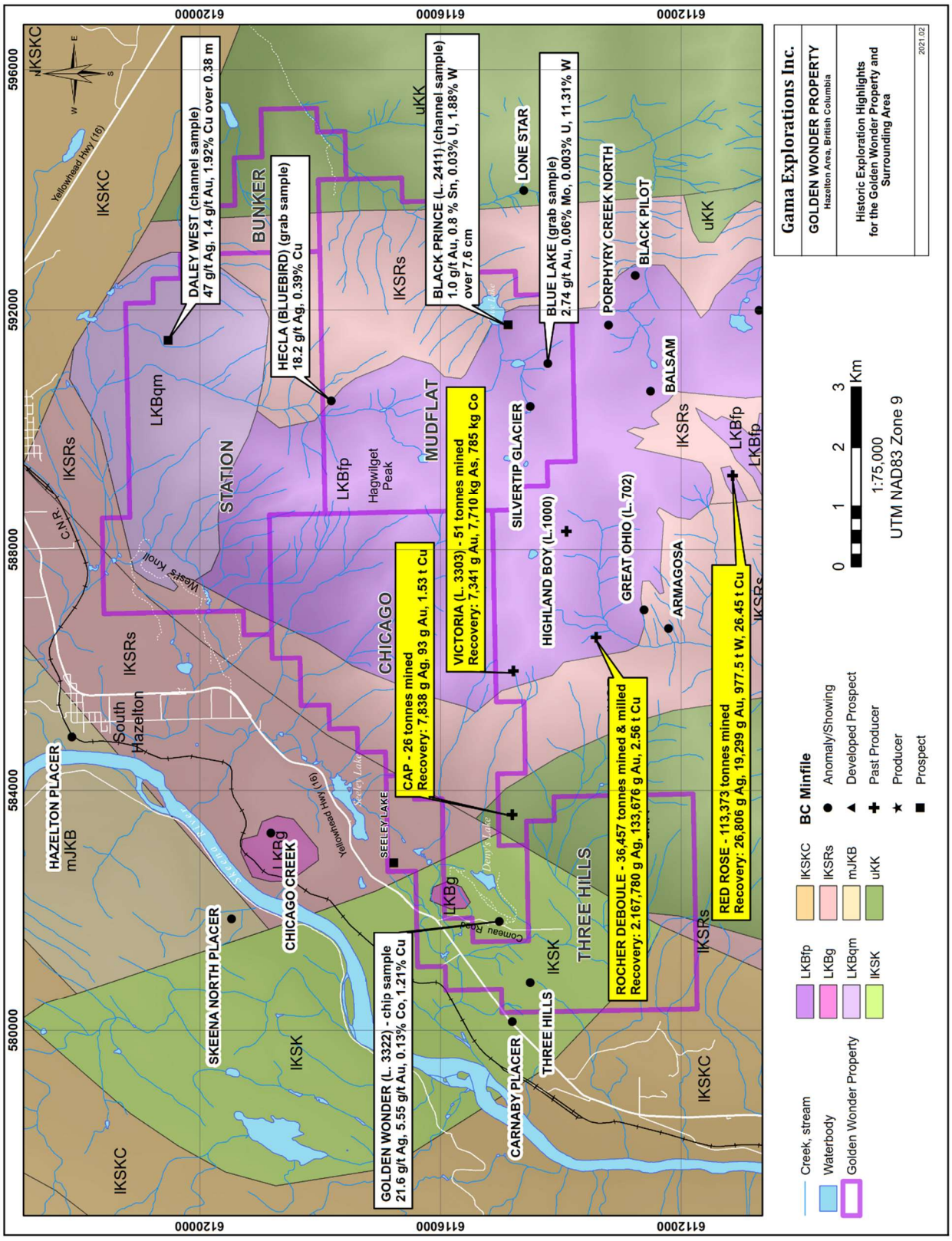
Gama Explorations Inc.
GOLDEN WONDER PROPERTY
Hazelton Area, British Columbia
Historic Exploration Highlights for the Golden Wonder Property and Surrounding Area
2021.02
DALEY WEST (channel sample) 47 g/t Ag, 1.4 g/t Au, 1.92% Cu over 0.38 m
HECLA (BLUEBIRD) (grab sample) 18.2 g/t Ag, 0.39% Cu
BLACK PRINCE (L. 2411) (channel sample) 1.0 g/t Au, 0.8 % Sn, 0.03% U, 1.88% W over 7.6 cm
BLUE LAKE (grab sample) 2.74 g/t Au, 0.06% Mo, 0.003% U, 11.31% W
LONE STAR
PORPHYRY CREEK NORTH
BLACK PILOT
BALSAM
SILVERTIP GLACIER
HIGHLAND BOY (L.1000)
GREAT OHIO (L. 702)
ARMAGOSA
VICTORIA (L. 3303) - 51 tonnes mined Recovery: 7,341 g Au, 7,710 kg As, 785 kg Co
CAP - 26 tonnes mined Recovery: 7,838 g Ag, 93 g Au, 1.53 t Cu
ROCHER DEBOULE - 36,457 tonnes mined & milled Recovery: 2.167,780 g Ag, 133,676 g Au, 2.56 t Cu
RED ROSE - 113,373 tonnes mined Recovery: 26,806 g Ag, 19,299 g Au, 977.5 t W, 26.45 t Cu
GOLDEN WONDER (L. 3322) - chip sample 21.6 g/t Ag, 5.55 g/t Au, 0.13% Co, 1.21% Cu
HAZELTON PLACER
SKEENA NORTH PLACER
CHICAGO CREEK
CARNABY PLACER
THREE HILLS
SEELEY LAKE
South Hazelton
STATION
BUNKER
CHICAGO
MUDFLAT
THREE HILLS
Hagwilget Peak
Yellowhead Hwy (16)
C.N.R.
Seeley Lake
Comeau Road
IKSKC
IKSRs
LKBfp
LKBg
LKBqm
IKSK
uKK
mJKB
BC Minfile
Anomaly/Showing
Developed Prospect
Past Producer
Producer
Prospect
Creek, stream
Waterbody
Golden Wonder Property
0 1 2 3 Km
1:75,000
UTM NAD83 Zone 9

Figure 6-1 Historic Exploration Highlights for Golden Wonder Property and Area

West's Knoll (Claim 1047951)

American Manganese's soil survey and rock sampling program in 2011 extended to West's Knoll, an area of interest west of the Daley West showing, where loose, rusty rocks containing arsenopyrite were found at the base of a cliff near a swamp. A grab sample indicated 61 g/t gold (Ethier and Pinsent, 2011).

Daley West (Claim 1047950)

In 1916, the Spokane Rocher Deboule Mining and Copper Company Ltd. developed two adits (subsequently caved) and open cuts that exposed a silicified shear zone. The shear zone strikes at 020° and dips 65°NW (Burgoyne and Kikgoldka, 2007), and contains small amounts of vein quartz and sulphides that reaches up to 1.5 m in width (Ethier and Pinsent, 2011). The vein was reported as containing pyrite, arsenopyrite, pyrrhotite, and chalcopyrite, with minor scheelite, sphalerite, galena, and calcite. It is exposed in several trenches for over 100 m, and reaches up to 1 m in several places, with an average thickness of 15 cm. A 38 cm channel sample assayed 1.4 g/t Au, 47 g/t Ag, and 1.92% Cu (Kindle, 1954).

In 1981, A.L'Orsa carried out prospecting and geological mapping on his Judi claims which covered part of the Daley West area, reporting two grab samples from the shear zone. The samples contained arsenopyrite, with lesser amounts of chalcopyrite, pyrite, pyrrhotite, scheelite, sphalerite, galena, tetrahedrite (?), quartz, and calcite. One sample assayed: 2.14 g/t Au, 15.6g/t Ag, 1.06% Cu, 0.66% tungsten, 0.10% Cot± 15% arsenopyrite; the other sample assayed 0.13 g/t Au, 0.5 g/t Ag, 0.59% Cu, 0.44% Co ± 80% arsenopyrite (L'Orsa, 1981).

In 2011, American Manganese Inc. conducted a soil survey and rock sampling program that included work at Daley West. They reported finding chalcopyrite and molybdenite in a porphyritic quartz monzonite within narrow quartz veins on the north, east, and west sides of the previous workings. Analysis of a chip sample from above the main adit produced results of 6.32 g/t Au, 215 g/t Ag, 7% Cu, and anomalous Co, Bi, and As (Ethier and Pinsent, 2011).

Black Prince/Blue Lake/Silvertip Glacier (Claim 1047952)

The Black Prince, Blue Lake, and Silvertip Glacier showings are in a cluster near the southeast boundary of the Property. The Black Prince showing is on the ridge between Mudflat and Porphyry creeks. The Blue Lake showing is immediately southwest of the Black Prince property and they were historically considered one property. The Silvertip Glacier showing is west of the other two showings.

Between 1911 and 1912, these showings were first located.

In 1915, the Black Prince showing reportedly produced 120,338 g Ag and 619 kg Pb from 19 tonnes (Minister of Mines, B.C., MINFILE 093M 057); however, the age of this information suggests this data should not be relied upon.

In 1916, Black Diamond Exploration conducted work in the area. No details were available.

Between 1944 and 1945, and again between 1951 and 1953, unground work was conducted by Privateer Mining Company in the area. This work was possibly the result of the wartime demand for tungsten (Meyers, 1980).

In 1954, the Geological Survey of Canada conducted work on the Black Prince and Blue Lake showings. At Black Prince they noted a quartz vein situated approximately 250 m east of the main zone contained areas of massive chalcopyrite and scheelite, and lesser pyrite, bornite, cassiterite, and uraninite. A sample taken over 7.6 cm assayed 1.0 g/t gold, 2.37% tungsten, 0.8% tin, and 0.033% equivalent uranium (Kindle, 1954). Previous work on the Blue Lake showing indicates four veins (Kindle, 1954). Samples from three of the veins assayed:

- 0.85% molybdenum, 1.0% tungsten, and 0.004% equivalent uranium
- 2.74 g/t gold, 11.31% WO_3, 0.06% molybdenum, and 0.003% equivalent uranium
- 0.7 g/t gold and 1,900 g/t silver

In 1960, the BC Department of Mines conducted sampling of the main fracture zone at the Black Prince showing and reported a0.6 m sample with 6.9 g/t Ag, 0.36% Cu, 0.82% tungsten and 0.10% molybdenum (Sutherland Brown, 1960).

In 1979, Group VIII Ventures staked all three showings as part of a larger group of claims (CRO claims) and completed work including trenching and drifting (~50 m), and limited sampling. A 59 cm sample from an intermediate vein indicated 3.4 g/t Ag, 1.15% Cu, 0.02% tungsten, and 0.34% molybdenum (Meyers, 1980).

No record of previous work on the Silvertip Glacier showing is available (Minister of Mines, B.C., MINFILE 093M 055).

Hecla/Bluebird (Claim 1047952)

The Hecla showing is a porphyritic granodiorite (Rocher Deboule stock) approximately half-way between the Daley West and Silvertip Glacier showings, on the north edge of the Mudflat claim. The granodiorite is cut by a 2.7 m aplite dike and a 1.8 m pegmatite dike. A grab sample of a 1.2 m wide mineralized zone in the aplite dike contained quartz veins with small amounts of pyrite and chalcopyrite (assayed trace Au, 34.3g/t Ag, 0.22% Cu). Another grab sample from the mineralized pegmatite dike assayed trace Au, 18.2 g/t Ag, and 0.39% Cu (Sutherland Brown, 1960).

In 2007, Rocher Deboule Minerals Corp. contracted Fugro Airborne Survey Corp. to conduct a 1,089 line-km DIGHEM geophysical survey (electromagnetic, magnetic, and radiometric survey) over the Roche Deboule property. This survey covered a significant part of the current Golden Wonder Property. Results indicated a strong positive anomaly over the central part of the Property.

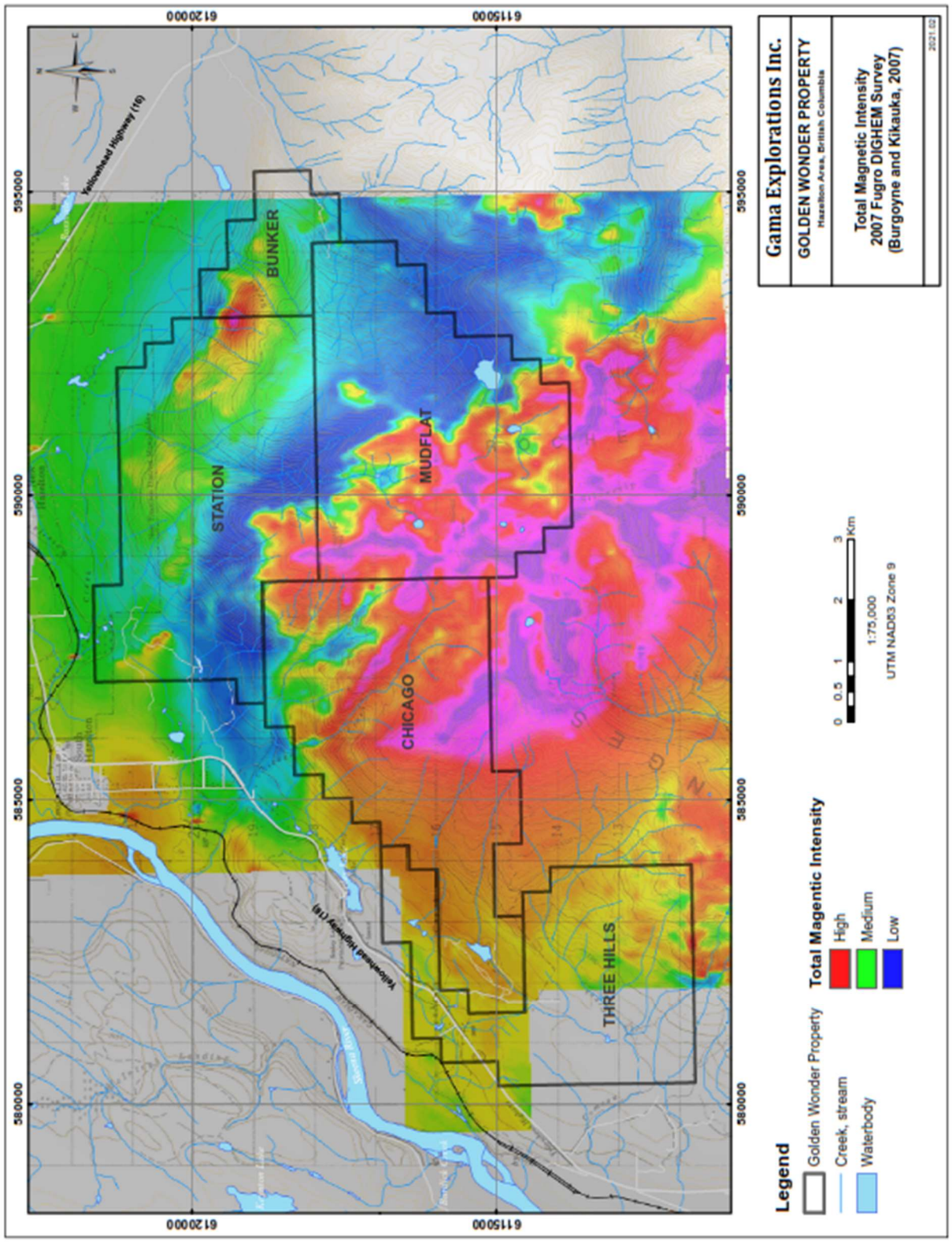

Figure 6-2 Total Magnetics: 2007 Fugro DIGHEM survey (fr. Burgoyne & Kikauka, 2007)

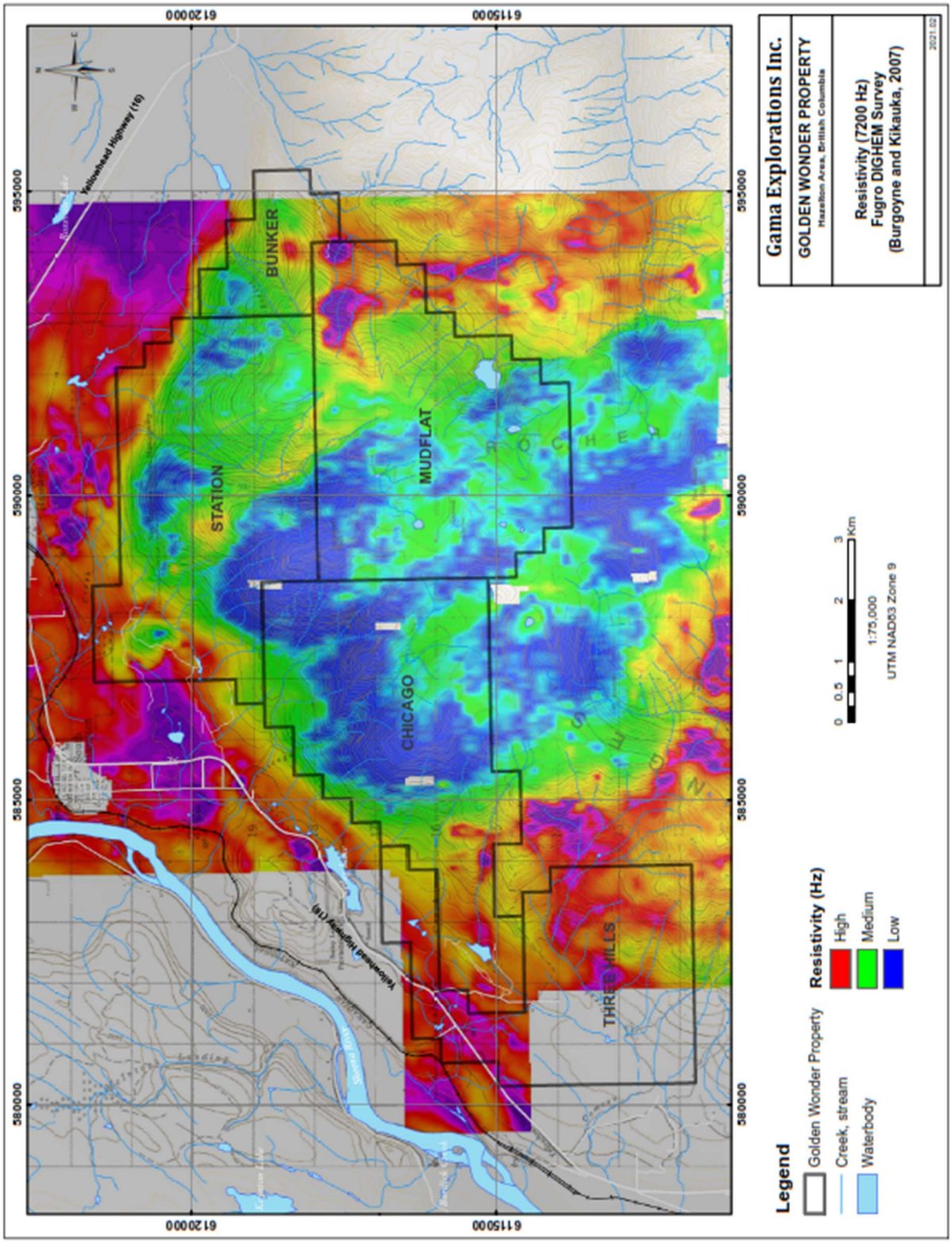

Figure 6-3 Resistivity (7200 Hz): 2007 Fugro DIGHEM survey (fr. Burgoyne & Kikauka, 2007)

6.2 2017-2018 EXPLORATION - PRIMARY ENERGY METALS INC.

In 2016, DG Resource Management Ltd. ('DG') acquired four of the claims ('Chicago', 'Station', 'Mudflat' and 'Bunker') that make up the current Golden Wonder Property. In 2017, Primary Energy Metals Inc. ("PEM"; formerly Primary Cobalt Corp.) acquired the Property from DG and then the fifth claim, 'Three Hills' was added to the Property. PEM contracted Dahrouge Geological Consulting Ltd. ("DGC") to conduct exploration on the Property in 2017 and 2018. The exploration programs focused on investigating and confirming assay results from historic showings, identifying new targets, determining field conditions, and investigating magnetic anomalies identified in the Natural Resources of Canada's aeromagnetic survey. Geological mapping and stream pan concentrate, rock and soil sampling were carried out on the Property (Salame 2019). A helicopter was utilized to access high elevation areas of interest on the Property.

Results of the geological mapping concluded that structural features including joints, veins and shearing, generally strike to the west and dip between 70-90° to the north. Bedding is locally visible in the area and is generally striking north south and has a sub-vertical dip. Bedrock geology of the area consists mainly of argillites, siltstone, greywackes, felsic to intermediate volcanics/dykes, as well as abundant feldspar-hornblende porphyritic volcanic/intrusive units, including andesites, porphyritic andesites, quartz monzonites, and possibly granodiorites.

A total of 19 stream pan concentrates were collected; no significant assay Au results were returned.

A total of 287 soil samples were collected over two resistivity anomalies in the Golden Wonder showing area, around Deny's Lake (

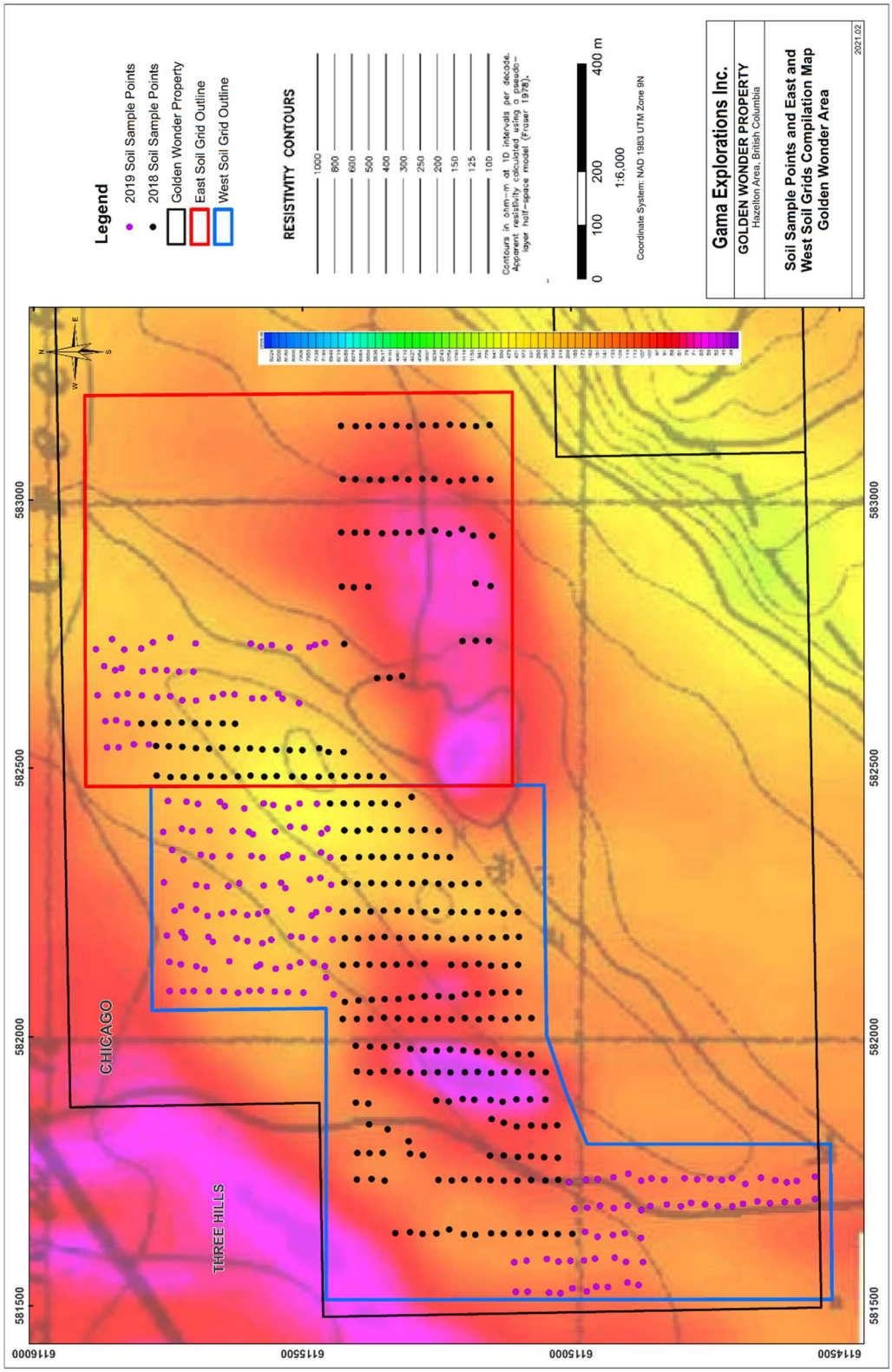

Figure 6-4; Figure 6-5; Figure 6-6; Figure 6-7; Figure 6-8; Figure 6-9; Figure 6-10). Several samples located between mapped outcrops, reported values up to 3.97 g/t and 5.89 g/t, further supporting the occurrence of an approximate 500 m mineralized trend.

A total of 180 rock samples were collected from outcrop and boulders (Figure 6-11; Figure 6-12; Figure 6-13; Figure 6-14; Figure 6-15), including 18 thickness representative samples at various favorable locations of shearing and veining. Results indicate that significant mineralization in the Golden Wonder area is in massive to narrow sulphide veins and in the surrounding argillite/mudstone; samples with significant Au, Ag, Co and Cu results are summarized in Table 6-2. Of the samples collected from other showings on the Property, only one sample returned assay results of interest: 2% Cu. The sample was collected from a boulder south-west of the Hecla (Bluebird) and north-west of the Silvertip Glacier showings; the source has not been identified. Other samples, even though they were sulphide-bearing, did not return any significant assay results.

Table 6-2. 2017 & 2018 Rock samples with significant Au, Ag, Co, and Cu assay results

Sample ID	Year	Sample Type	Easting	Northing	Au (g/t)	Ag (g/t)	Co (%)	Cu (%)	Description
122364	2017	Chip	581843	6115199	6.39	2.79	0.38	0.15	10 cm wide vein with sulphides (~80%), Qtz, and mudstone.
122365	2017	Grab	581811	6115183	15.2	77.2	0.09	4.95	10 cm wide massive sulphide vein (Cpy, Py) with secondary Apy(?) on weathering surface.
122368	2017	Grab	582295	6115355	17.8	18.2	<.01	0.05	Mudstone o/c (1 m × 1 m) with minor sulphur-rich coating and rusty joints.
122426	2017	Grab	582134	6115247	0.3	32.5	0.01	0.81	Black siltstone/greywacke float with 2 mm-wide sulphide (Cpy, Py) veins, quartz coating, and rusty weathering.
122427	2017	Grab	582131	6115246	8.75	18.5	0.53	0.53	Dark grey siltstone/greywacke float brecciated by Apy and cut by Py/Cpy veins.
122428	2017	Chip	582135	6115236	1.69	45.6	0.05	0.99	Siltstone/greywacke o/c brecciated by sulphides; friable and rusty.

122430	2017	Chip	582075	6115220	2.14	3.42	0.05	0.02	Siltstone/greywacke o/c brecciated by Apy veins (up to 60% of rock).
128240	2018	Chip	581814	6115164	18.2	36.9	0.054	1.91	Up to 30 cm wide vein mainly Py, Cpy, Apy, bornite. Black and weathered on surface, hosted within andesite dyke.
128241	2018	Chip	581853	6115196	11	4.06	0.667	0.41	Flat 3 m tall vertical outcrop, 2 cm wide vein within black grey argillite.
128272	2018	Chip	581943	6115204	4.68	17.6	0.215	0.28	Mudstone/siltstone outcrop hosting vein-style mineralization consisting of Py, Cpy, Apy.
128278	2018	Chip	582130	6115245	18.7	>100	0.653	0.97	Highly oxidized mudstone with a 1.5 m breccia zone and local quartz flooding. Vein-style massive sulphide mineralization (Py, Cpy, Apy, possible Po)
128283	2018	Chip	582074	6115224	7.14	4.25	0.256	0.02	Argillite outcrop crosscut by a centimeter-scale, highly oxidized black vein with strong sulphide mineralization (Py, Apy).
128288	2018	Chip	582198	6115326	20	16.4	0.194	0.03	Highly oxidized breccia with massive sugary Apy veins up to 2 cm wide.

6.3 2019 Exploration – Blue Lagoon Resources Inc.

In 2019 Blue Lagoon acquired the Property from PEM and contracted DGC to conduct exploration on the Property. The 2019 exploration program included soil sampling, rock sampling and a ground magnetic survey.

A total of 206 soil samples were collected over the two resistivity anomalies near the Golden Wonder showing, expanding the previous soil grids (

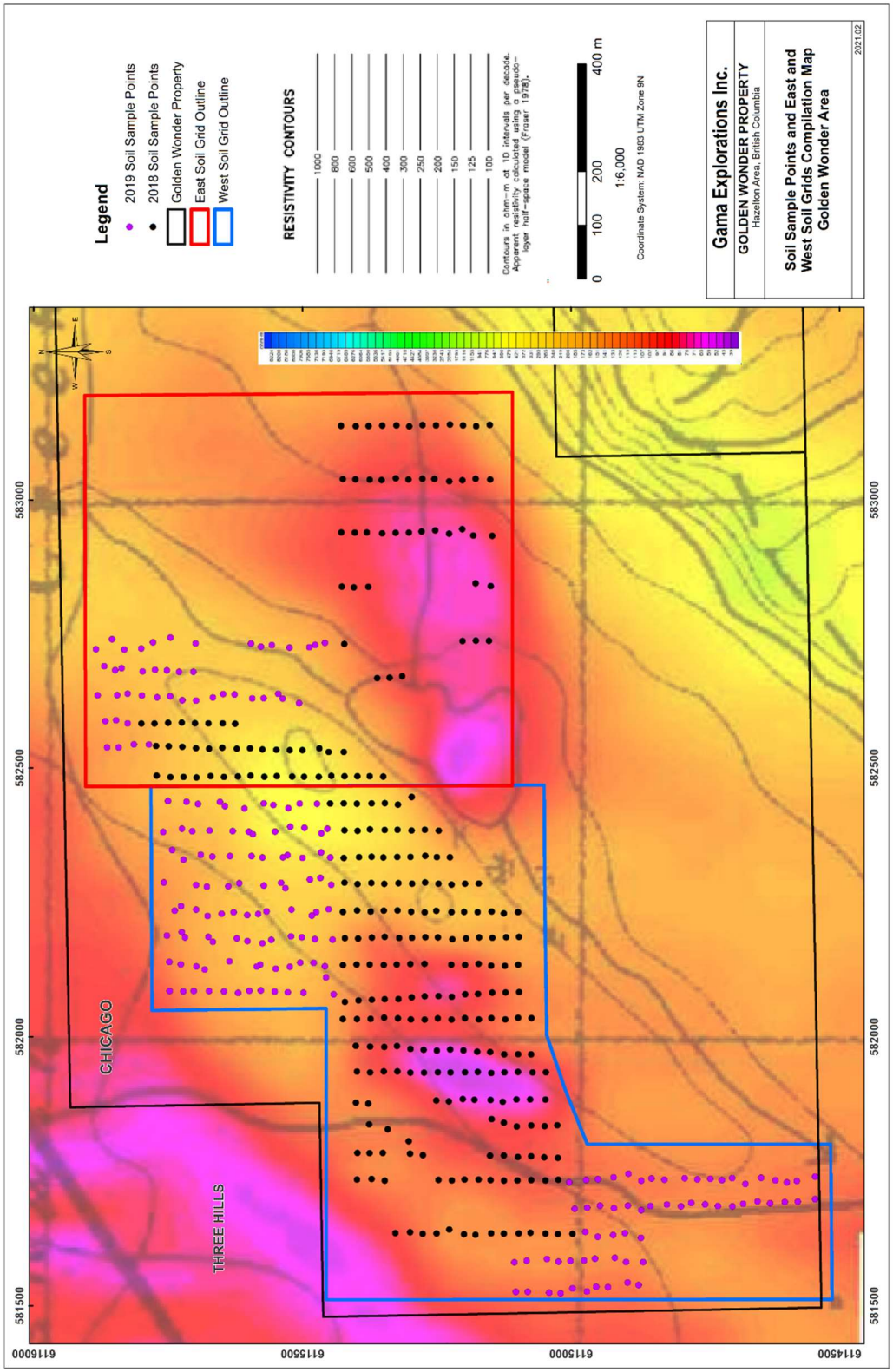

Figure 6-4; Figure 6-5; Figure 6-6;

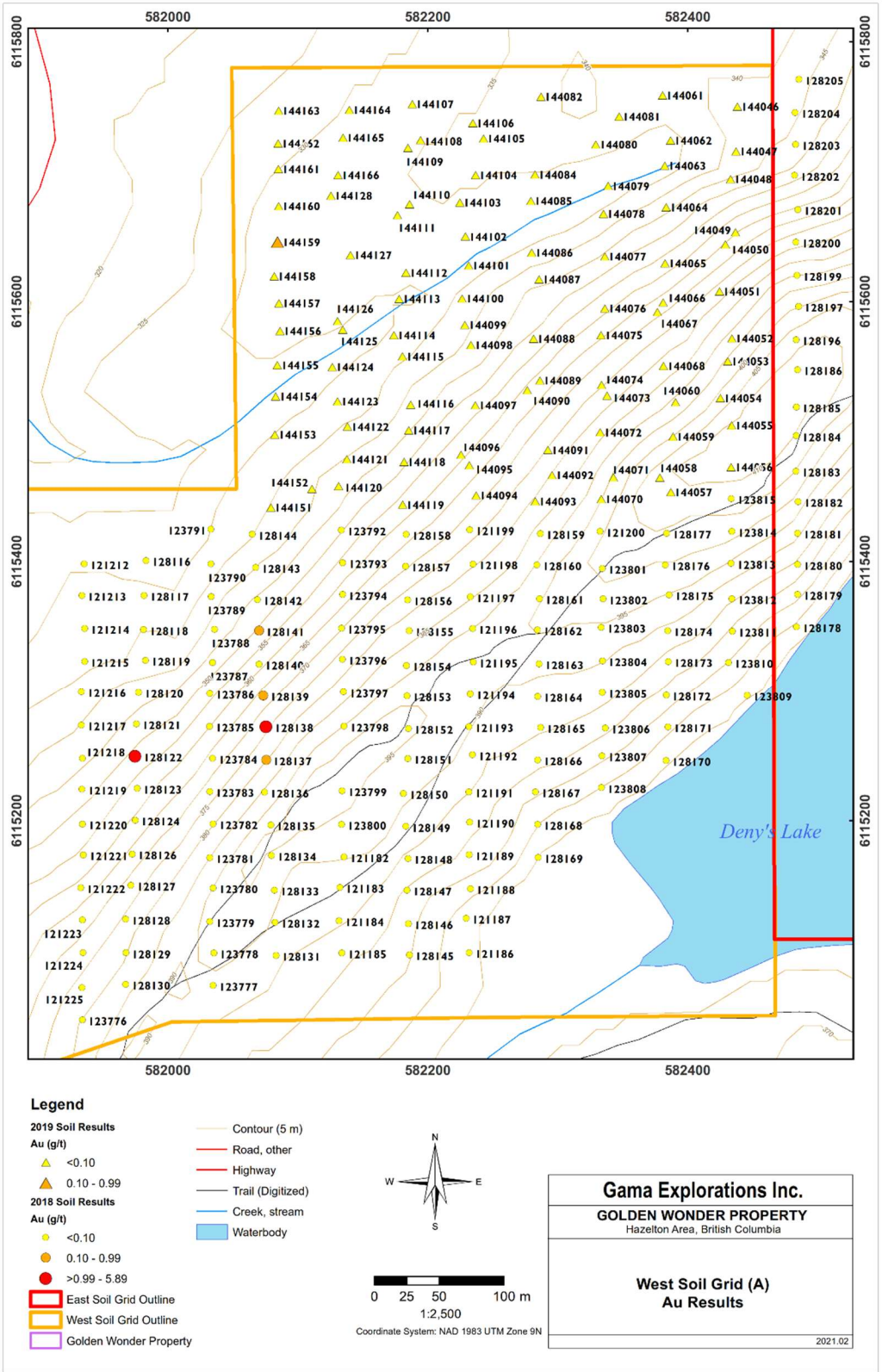

Figure 6-7; Figure 6-8; Figure 6-9; Figure 6-10). A total of 17 rock samples were collected from the Golden Wonder area, with a primary focus on constraining the NE-SW mineralized trend and highlighting zones with significant mineralization. Results from the soil and rock analyses in the Golden Wonder area reconfirmed mineralization and indicated that mineralization extends for approximately 1100 m in a NE-SW direction (Figure 6-16). Only one rock sample collected in 2019, showed significant mineralization. It was collected from an oxidized argillite, hosting disseminated and vein-style mineralization with pyrite, arsenopyrite, bornite and trace chalcopyrite. The sample returned values of 1.91g/t Au and 0.41% Cu.

The ground magnetic survey using a GEM System GSM-19 integrated Overhauser effect proton precision magnetometer was conducted. The survey consisted of 27 traverse lines, oriented N-S and spaces 50 m apart, overlapping the resistivity anomalies both east and west of Deny's Lake. The purpose of the survey was to better constrain mineralization and identify potential drill targets. The magnetic sensor recording the readings remained roughly 1.75 m above the ground during traverses. GEMLinkW Software version 7 was used to upload the collected magnetic data to a field laptop at the end of each field day. Raw magnetic readings were corrected for diurnal magnetic variation using a stationary GSM-19 base station. The location of the base station was chosen to ensure minimal interference from active roads, railroads, powerlines, and hikers. Results of the ground magnetic survey highlighted the northeast-southwest trend of magnetic highs and coupled with the anomalous soil values, suggest that mineralization extends for approximately 1100 m along strike (Figure 6-16).

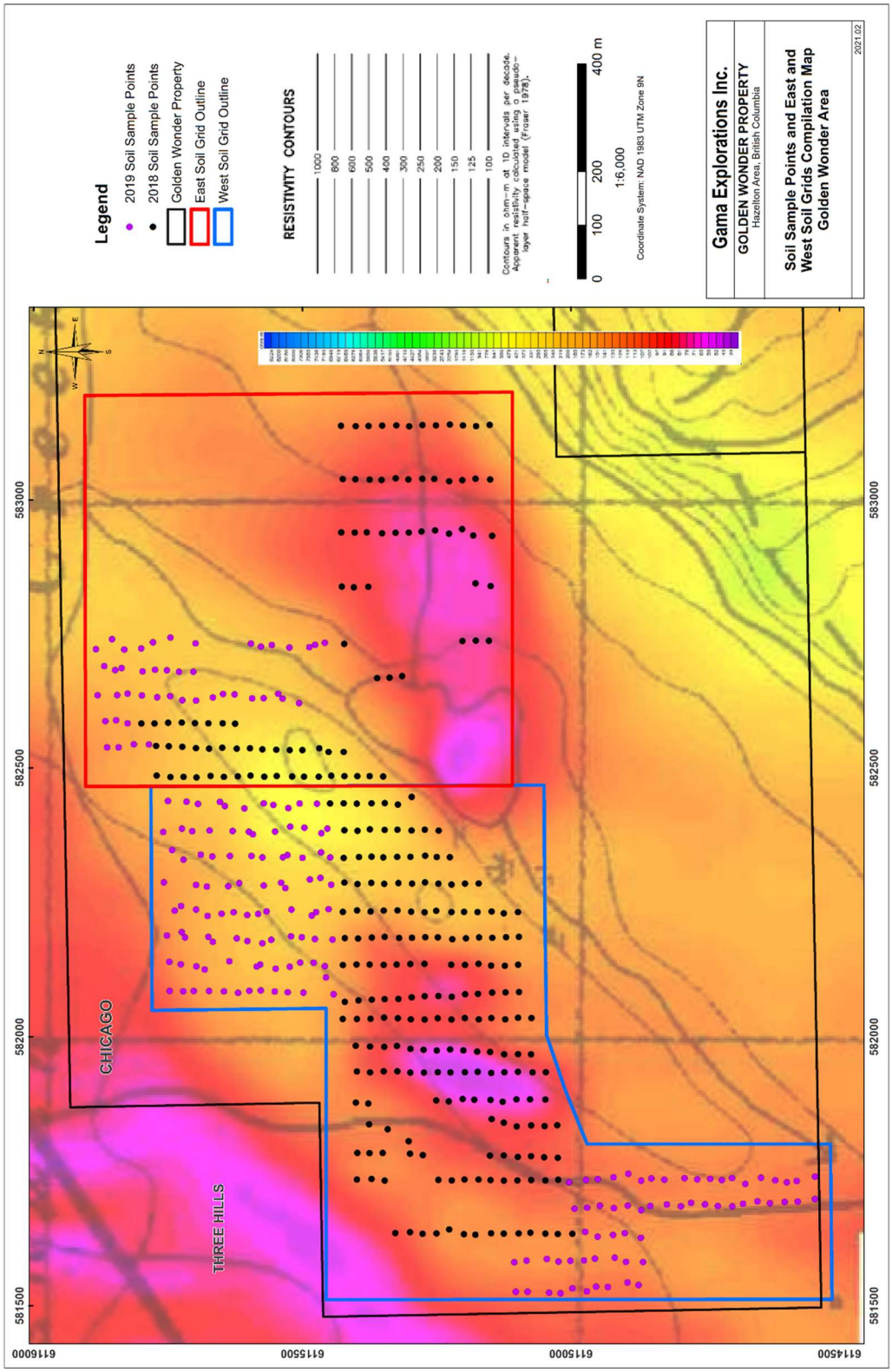

Figure 6-4 Soil Sample Points and East and West Soil Grids Compilation Map – Golden Wonder Area

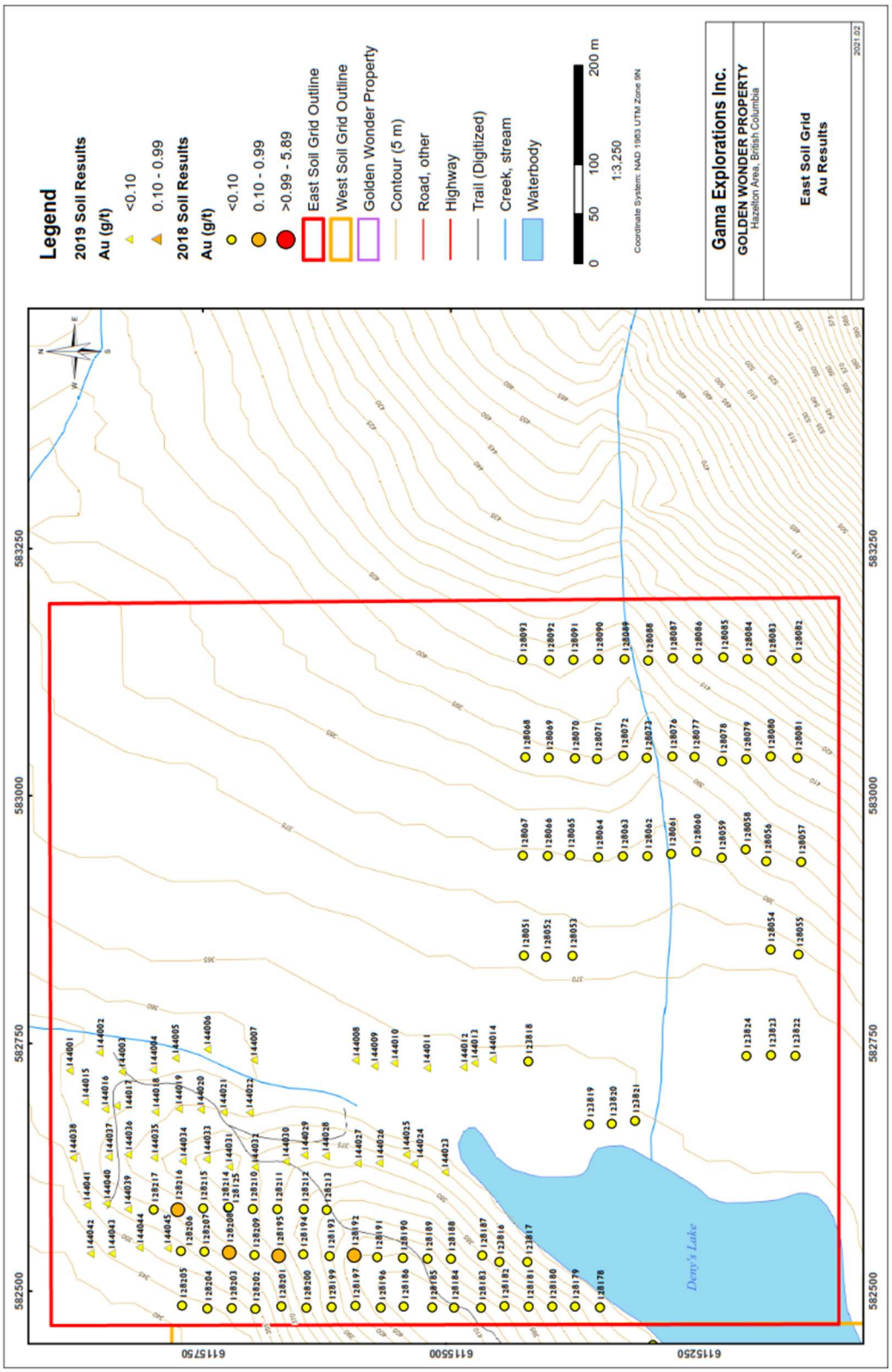

Figure 6-5 East Soil Grid – Au Results

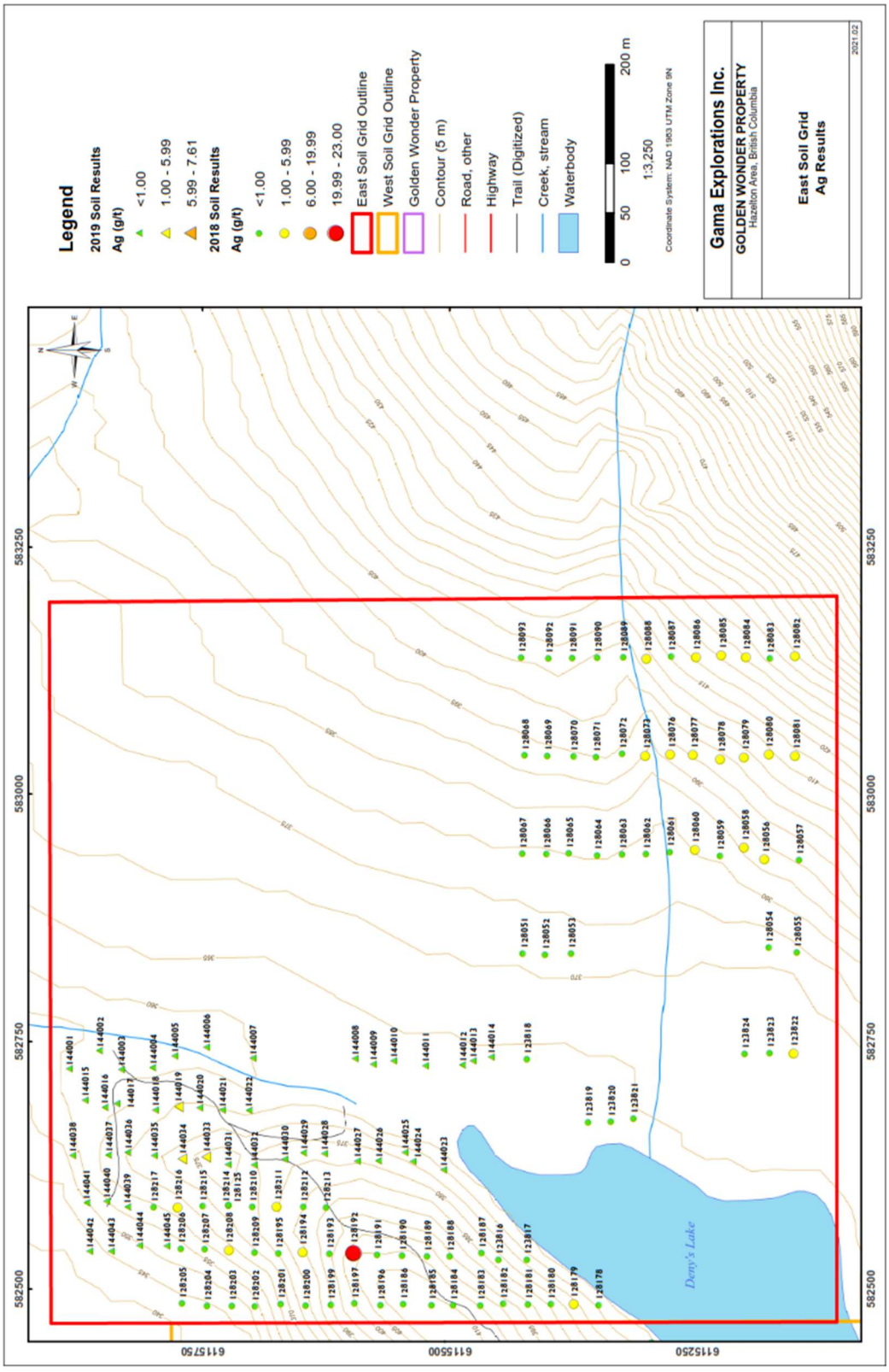

Figure 6-6 East Soil Grid – Ag Results

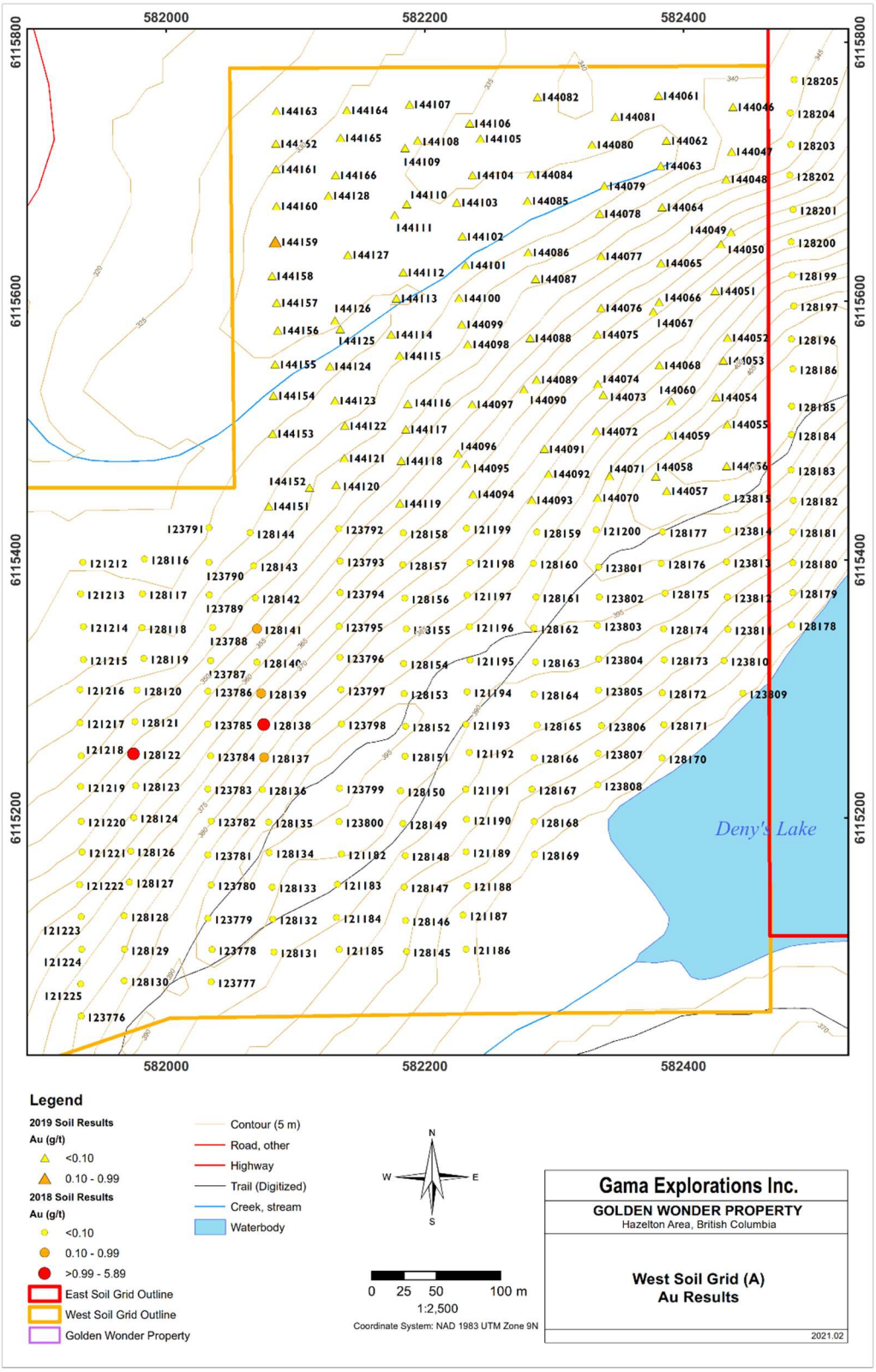

Figure 6-7 West Soil Grid (A) – Au Results

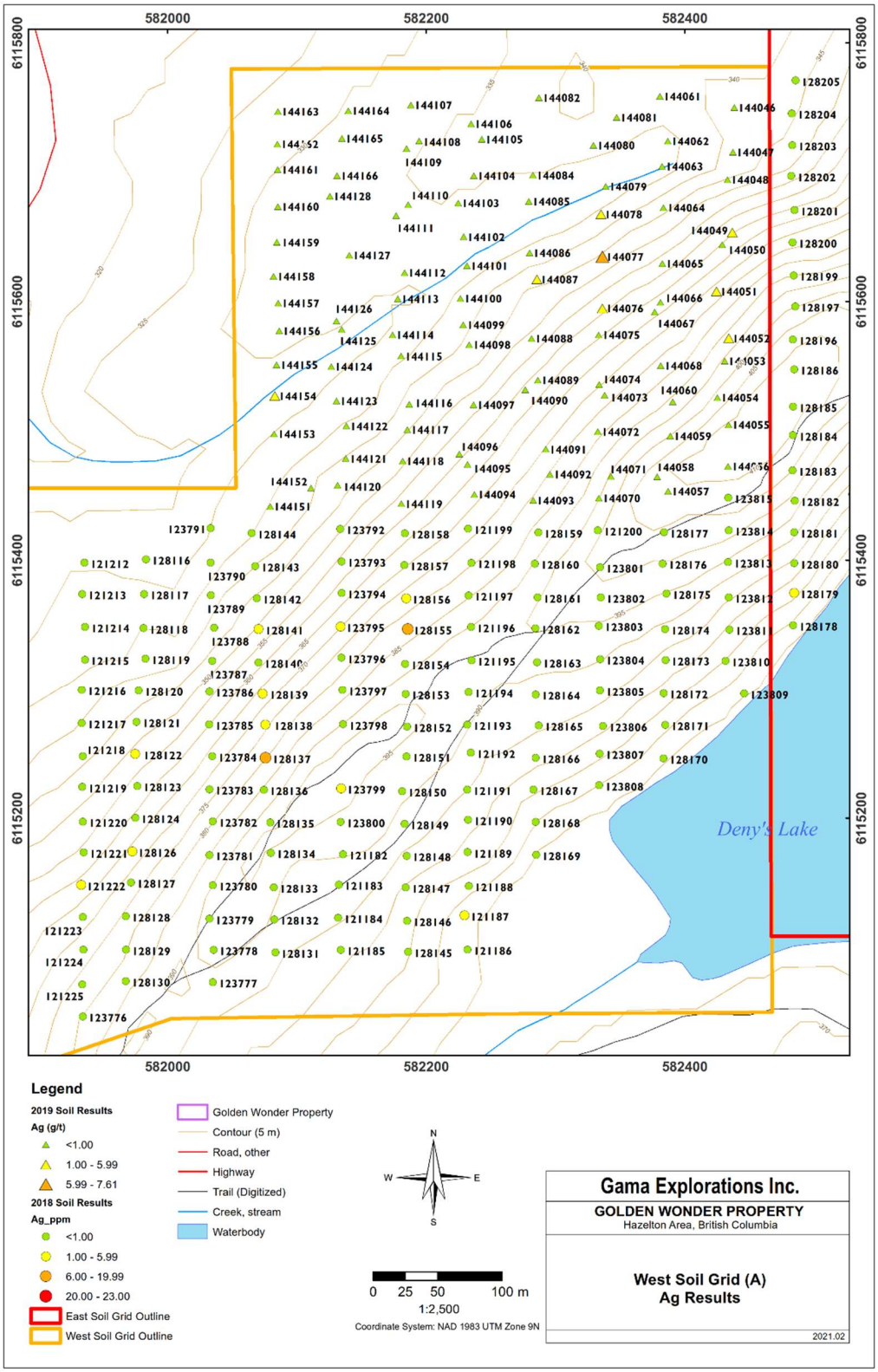

Figure 6-8 West Soil Grid (A) – Ag Results

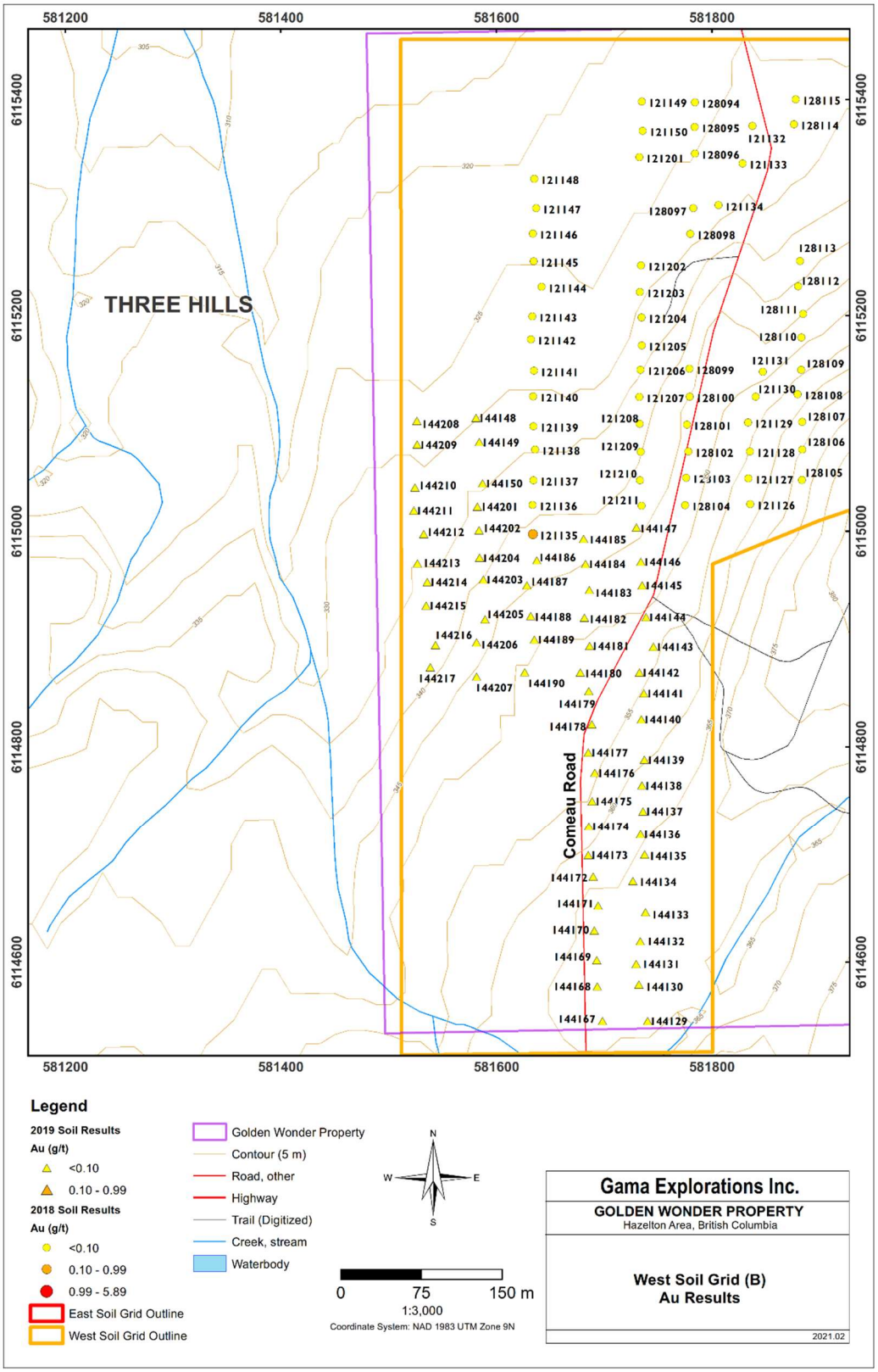

Figure 6-9 West Soil Grid (B) - Au Results

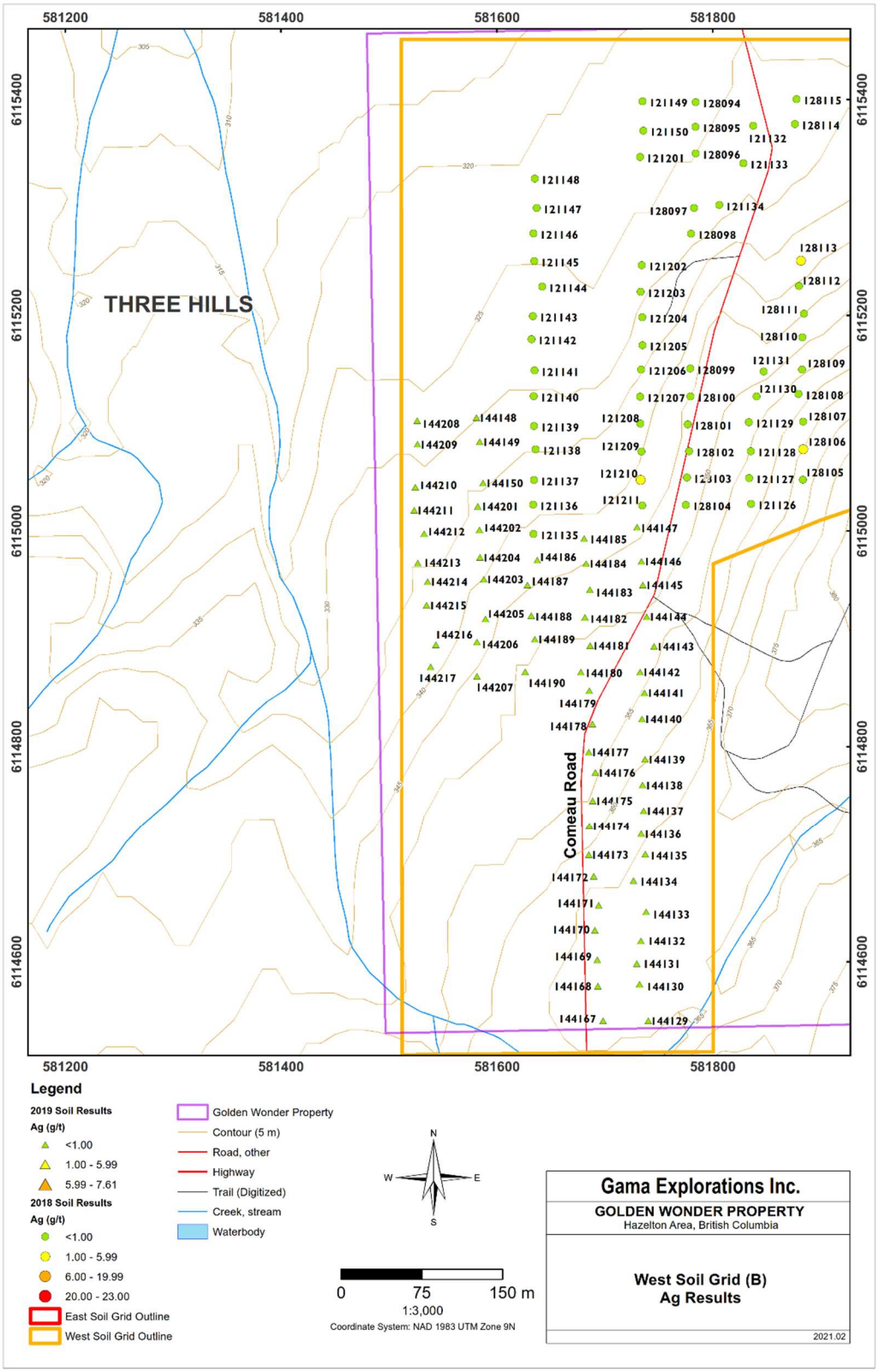

Figure 6-10 Soil Grid West (B) - Ag Results

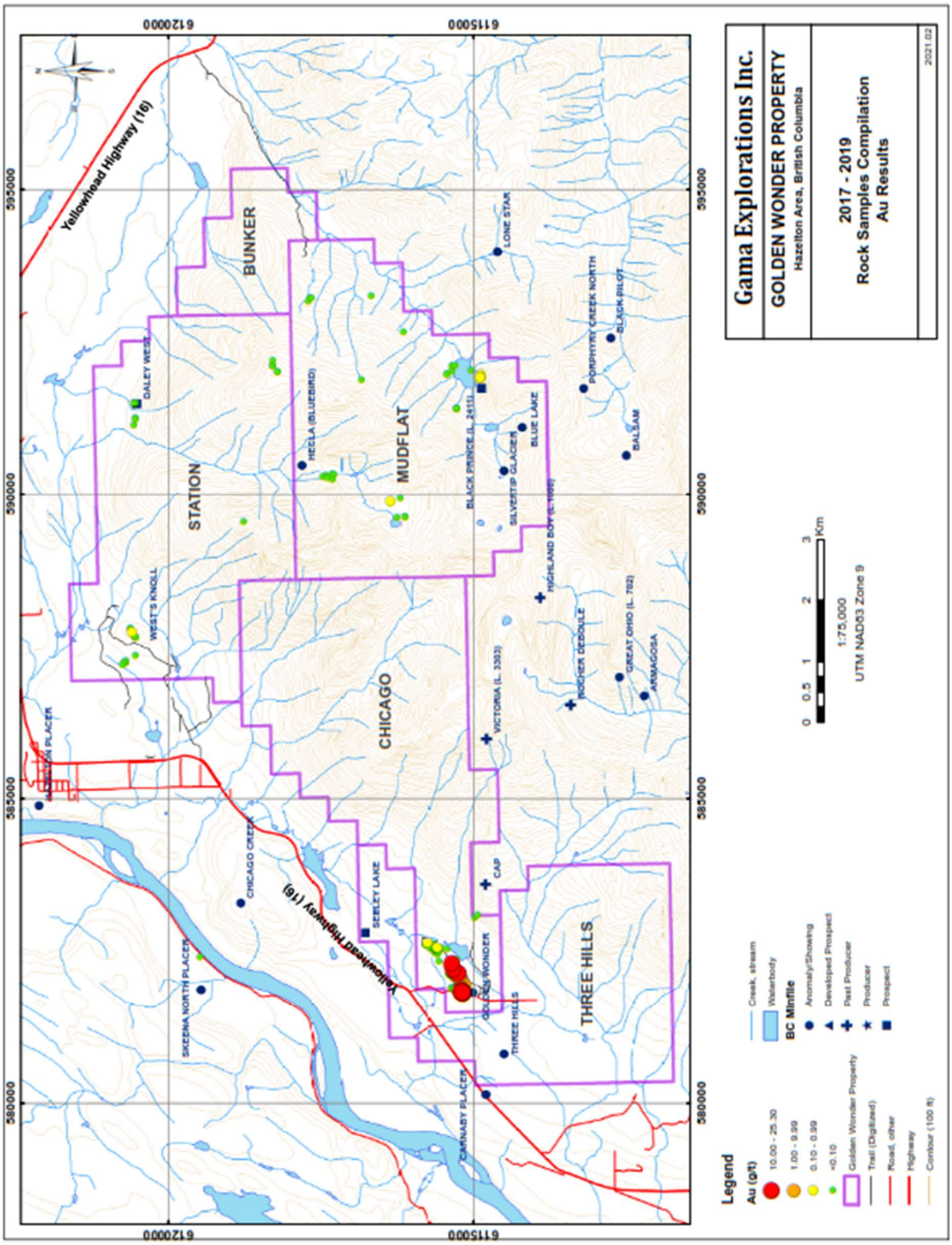

Figure 6-11 2017-2019 Rock Sample Compilation – Au Results

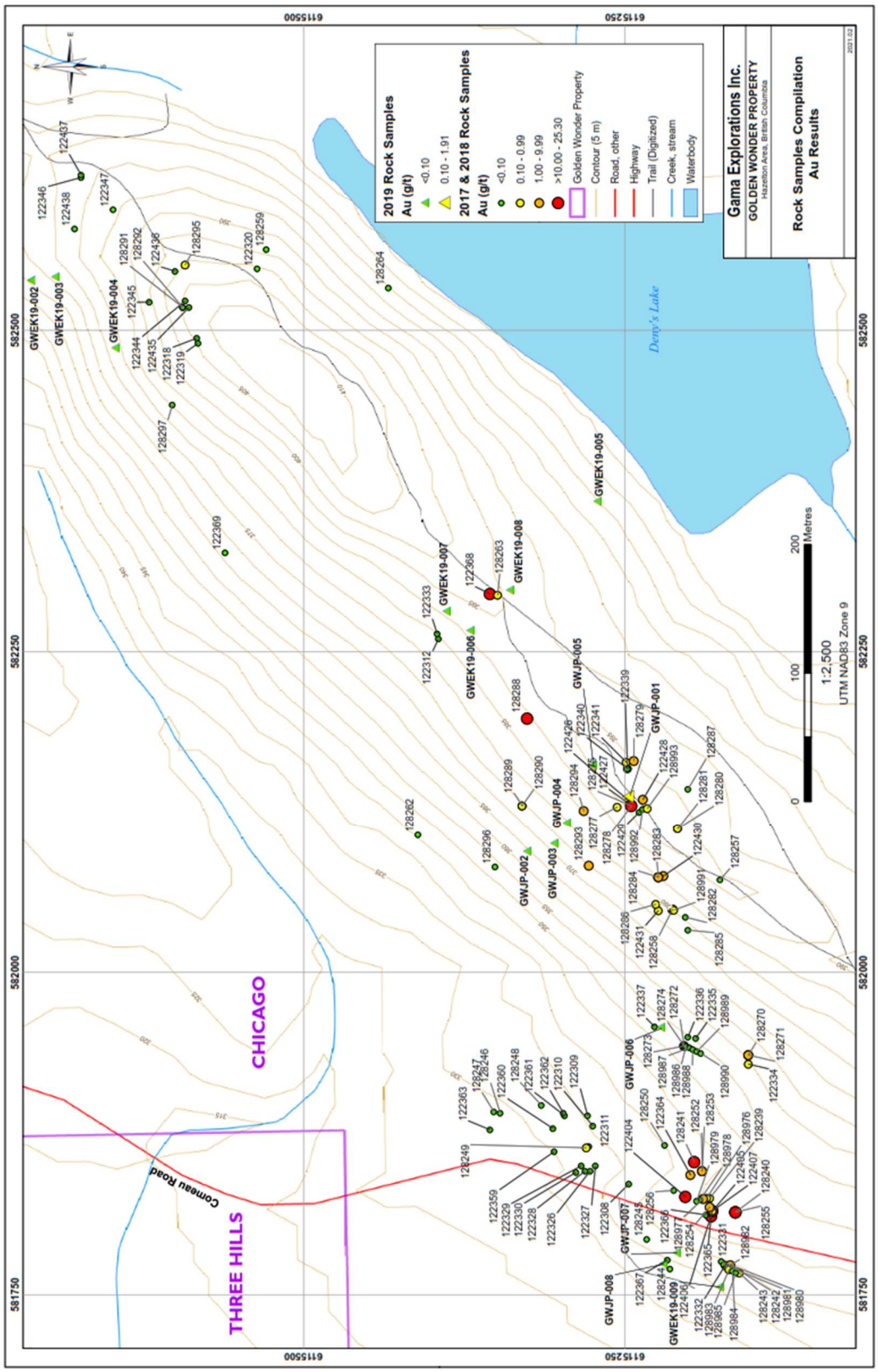

Figure 6-12 Golden Wonder Area Rock Samples Compilation – Au Results

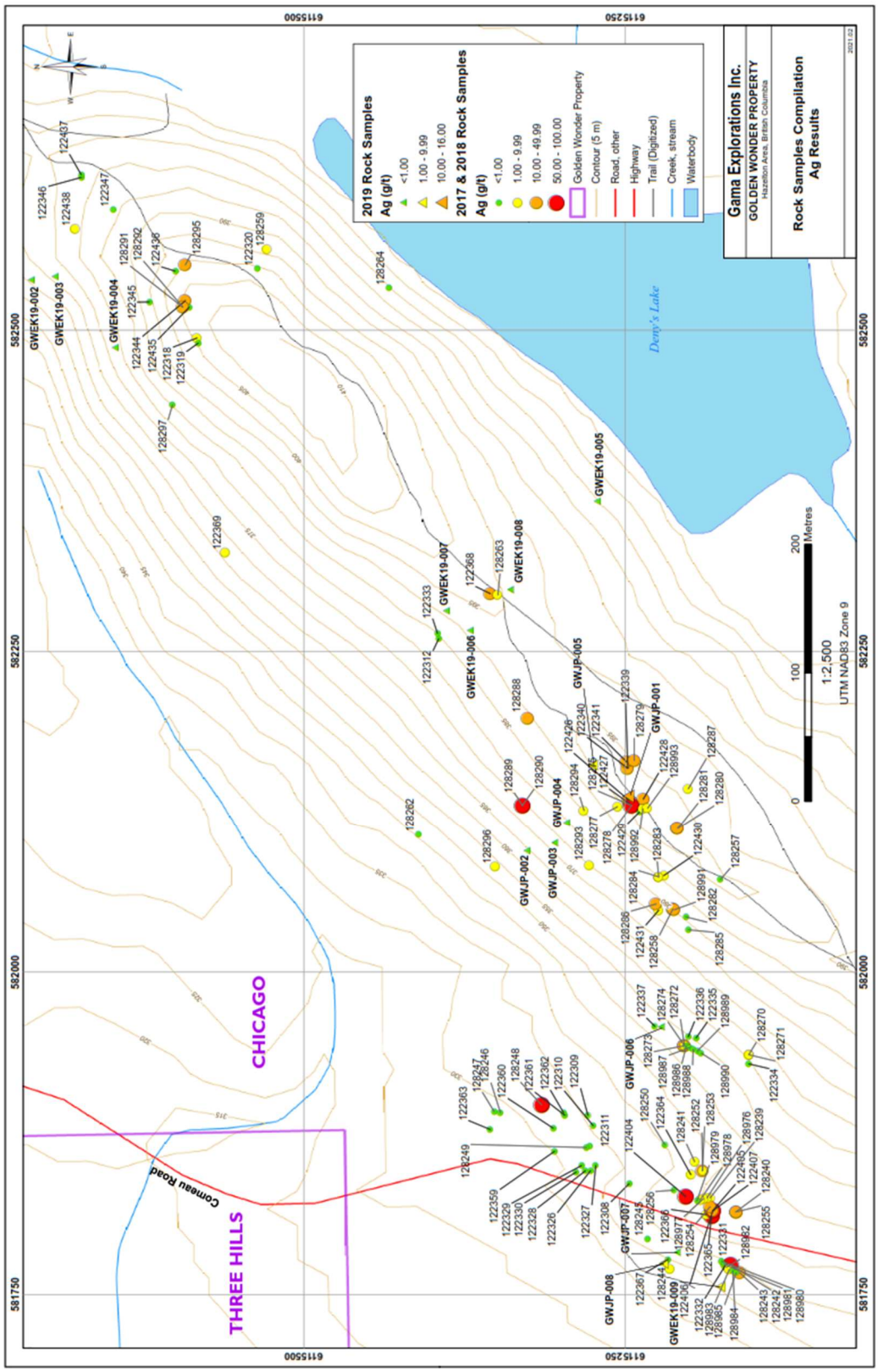

Figure 6-13 Golden Wonder Area Rock Samples Compilation – Ag Results

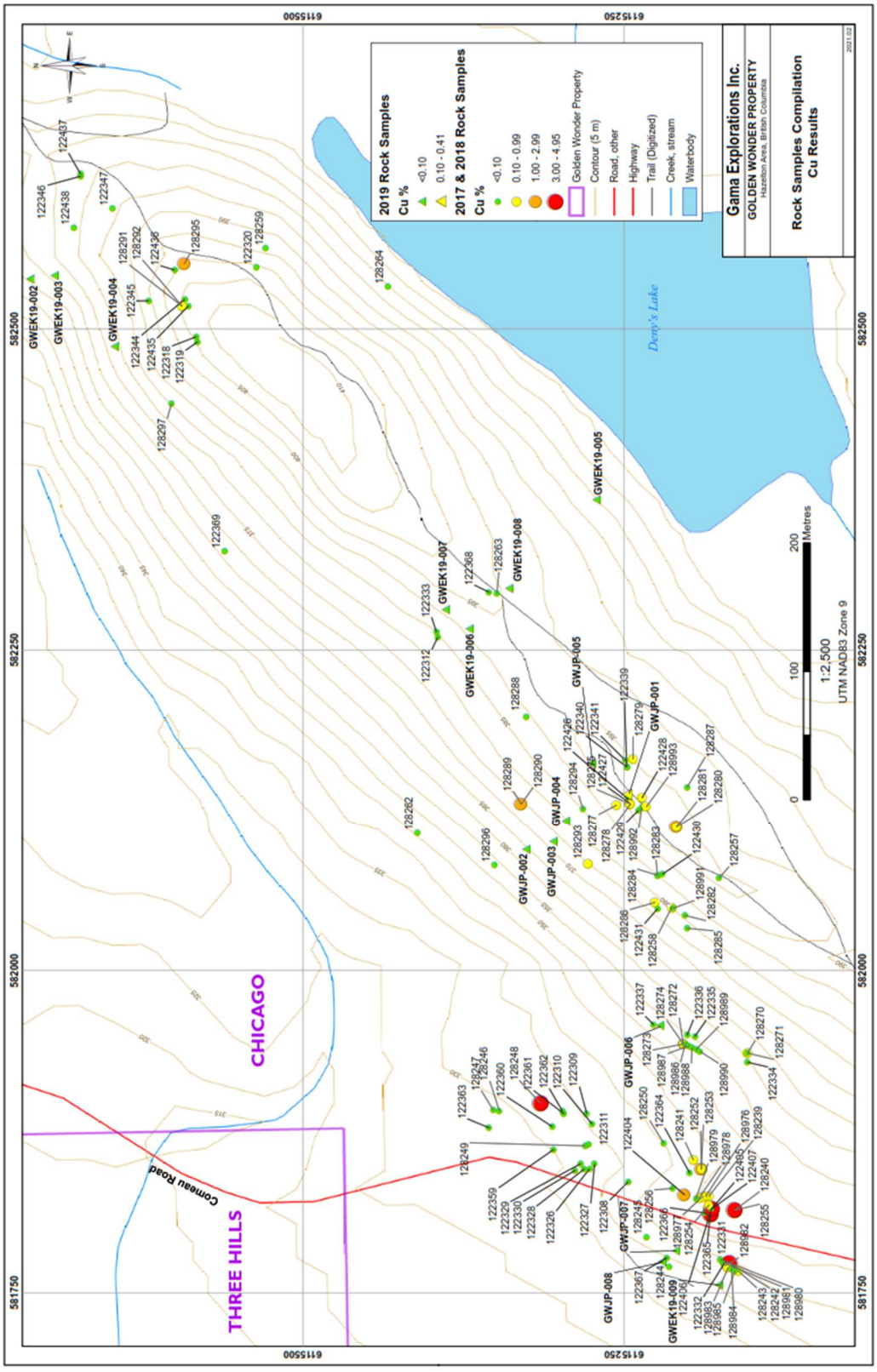

Figure 6-14 Golden Wonder Area Rock Samples – Cu Results

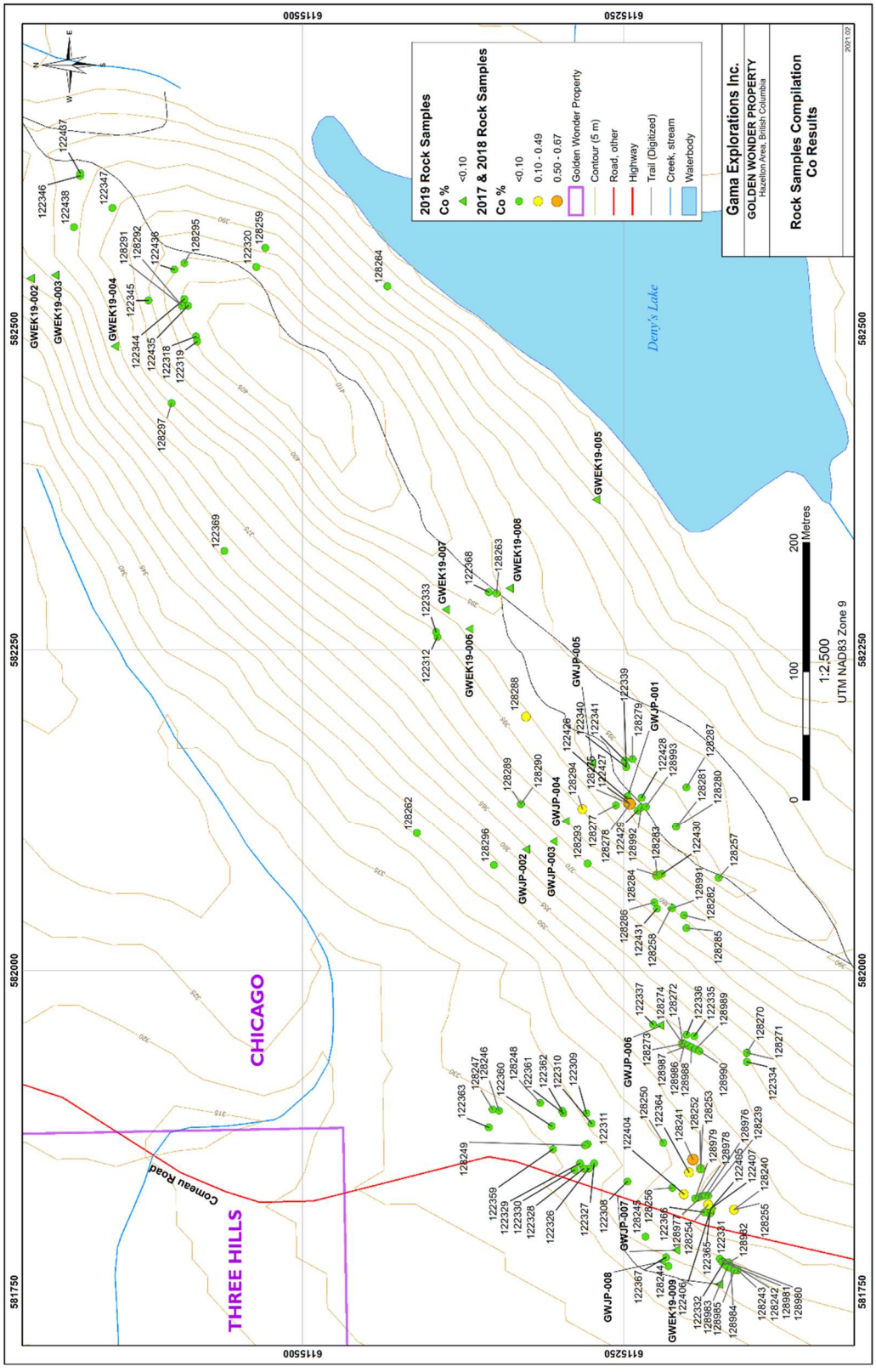

Figure 6-15 Golden Wonder Area Rock Samples – Co Results

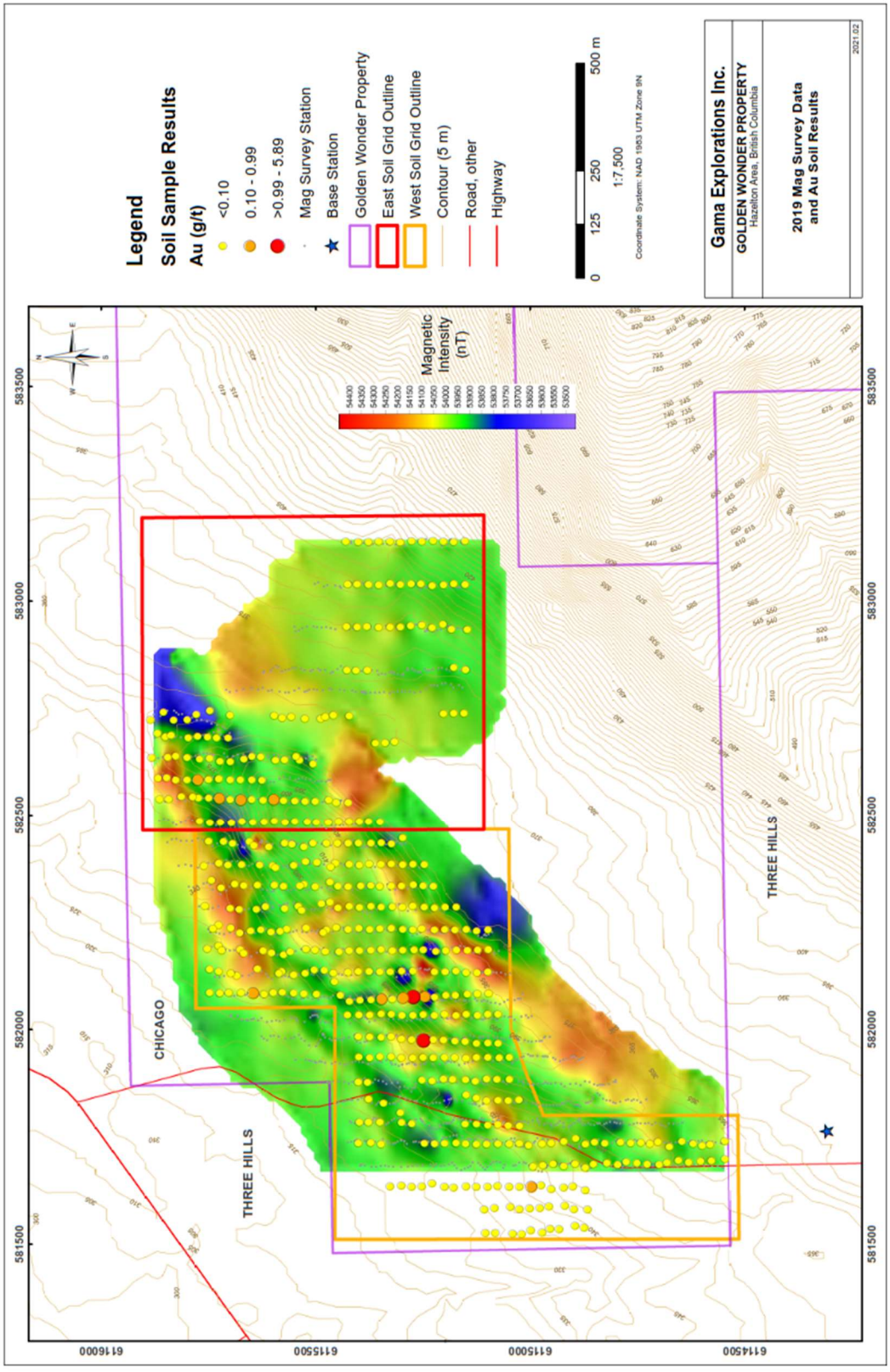

Figure 6-16 2019 Ground Magnetic Survey Data with Au Soil Results

7 GEOLOGICAL SETTING AND MINERALIZATION

7.1 REGIONAL GEOLOGY

The Golden Wonder Property is situated in the Intermontane tectonic province of the Canadian Cordillera and is underlain by rocks of the Late Paleozoic Stikine volcanic arc terrane, the largest terrane in BC. The Stikine terrane was accreted to the Quesnel and Cache Creek terranes, and then to the North American margin in the Middle Jurassic before being intruded by coeval and younger plutonic rocks and overlain by younger volcanic and sedimentary units (Kyba, 2017; Figure 7-1).

The Rocher Déboulé Range lies within the Skeena Arch, an east–northeast trending belt of Jurassic and older, mostly volcanic rocks. Uplift of the arch, thought to have been occurred in the Middle Jurassic, resulted in the separation of the Bowser and Nechako Basins (MacIntyre, 2006). Exposed rocks along the Skeena Arch represent a long-lived magmatic arc that has produced a range of geological settings and resulted in a diverse range of mineral deposits.

The Skeena Arch straddles the Skeena Terrane, a volcanic arc complex that formed offshore before accreting to the west coast of North America. The Skeena Terrane is made up of two cycles of volcanic and related intrusions, as well as overlying sedimentary rock on a metamorphosed volcanic rock and limestone basement (Kyba, 2017).

The Rocher Deboulé Range is underlain by the upper two divisions of the Hazelton group and intruded by the Rocher Deboule stock.

The upper two divisions of the Hazelton group (Jurassic to Cretaceous) are:

1. Red Rose Formation (2,300 to 2,400 m marine and non-marine sedimentary greywackes)
2. Brian Boru Formation (1,500 to 1,800 m porphyritic andesite breccias and massive flows with minor hornblende porphyry andesite flows and some pyroclastic rocks).

The Rocher Deboule stock, a member of the Late Cretaceous Bulkley Plutonic Suite, is predominantly a porphyritic granodiorite, but also includes what is thought to be a younger fine-grained quartz monzonite. The Roche Deboule stock is thought to have been emplaced after folding of the Hazelton group, between the mid-Lower and late Upper Cretaceous. Heat from the intrusion of the Rocher Deboule stock created a hornfelsic aureole in the surrounding Hazelton rocks (Sutherland Brown, 1960).

The adjacent valley contains late Jurassic to early Tertiary successor basin assemblages of the Bowser Lake, Skeena, and Sustut Groups.

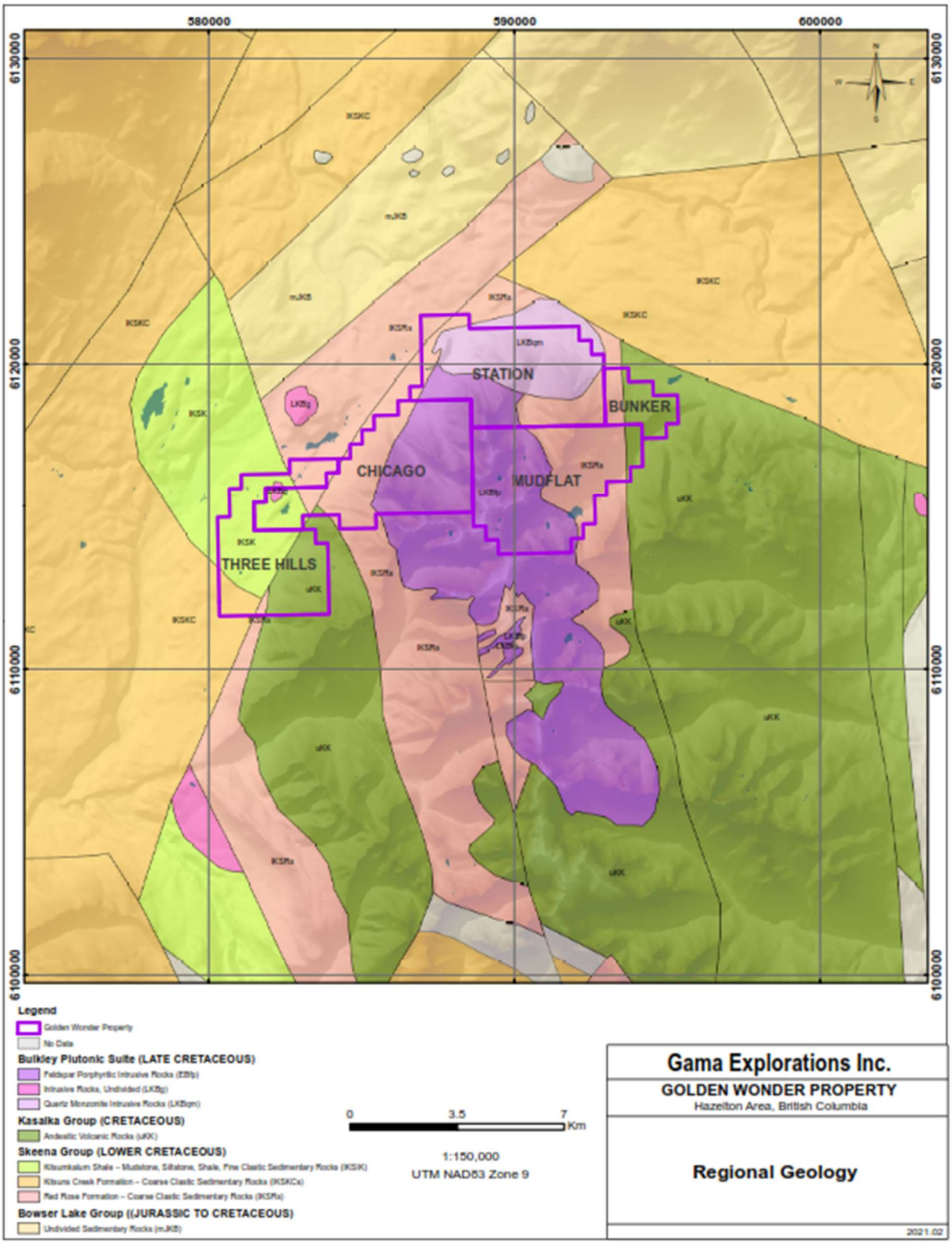

Figure 7-1 Regional geology of the Golden Wonder Property

7.2 PROPERTY GEOLOGY & MINERALIZATION

Mineralized showings on the Golden Wonder Property are associated with the contact between the Rocher Deboule stock and the surrounding Hazelton rocks. Several joint sets have been observed on the property: one parallel to the contact at 015°/65°W; one sub-horizontal cross-joint set at 085°/5°W; one radial, vertical and less well-developed at 060°/65°NW; and another less well-developed at 055°/55°SE (Sutherland Brown, 1960). According to Burgoyne and Kikauka (2007) the joint pattern may be indicative of orthogonal fracturing due to contraction on cooling. The radial fractures appear to host most of the vein mineralization, and they are thought to be responsible for introducing fluids into the rock, causing alteration, quartz-hornblende pegmatite vein development, and mineralization. Details on the geology of the showings and workings on the Property are described below (Figure 7-2).

7.2.1 Three Hills

The Three Hills area is predominantly characterized by hornfelsic argillites (mudstone, siltstone, shale and fine clastic rocks) of the Kitsumkalum Shale and the andesitic volcanic rocks of the Kasalka Group. The southwest corner lies within the coarse, clastic sedimentary rocks of the Kitsuns Creek and Red Rose formations.

Mineralization occurs within a rock drumlin that is approximately 37 m wide by 111 m long and rises almost 8 m above the flat surrounding drift. This drumlin is along the same trend as mineralization at the Golden Wonder and West's Knoll area; it strikes 035° and dips 40° NW on the southeast side, and has an obscured dip elsewhere (Sutherland Brown, 1960). No details on the mineralization are available.

7.2.2 Golden Wonder

The Golden Wonder area lies approximately 5 km northwest of the historic Rocher Deboule mine site. The area is predominantly characterized by rocks of the Kitsumkalum Shale. Mineralization has an approximate 1100 m strike length and occurs at the contact between the porphyritic granodiorite and the pyritic hornfelsed argillites in a rock drumlin. This drumlin is presumed to be parallel to the Skeena Fault (Ethier and Pinsent, 2011) and is along trend with the Three Hills (to southwest) and West's Knoll area drumlins (to the northeast). Additionally, two shear zones approximately 300 m apart have been noted with mineralization in the area (Ethier and Pinsent, 2011). The first, referred to as the south shear zone, strikes 085° and dips 80°N, is up to ~1 m wide and has been traced for 150 m; semi-massive sulphide veins and crystals (chalcopyrite, pyrite, pyrrhotite, and some magnetite, goethite), and silicified fine quartz stringers occur within this shear zone. The second shear zone, referred to as the north shear zone, strikes 290° and dips 75°S, is up to 1.2 m wide and is exposed for a few hundred metres in open cuts at the north end of the drumlin. This north shear is occupied by a post-mineralization porphyry dyke with small quartz stringers and sulphide lenses (pyrite, chalcopyrite).

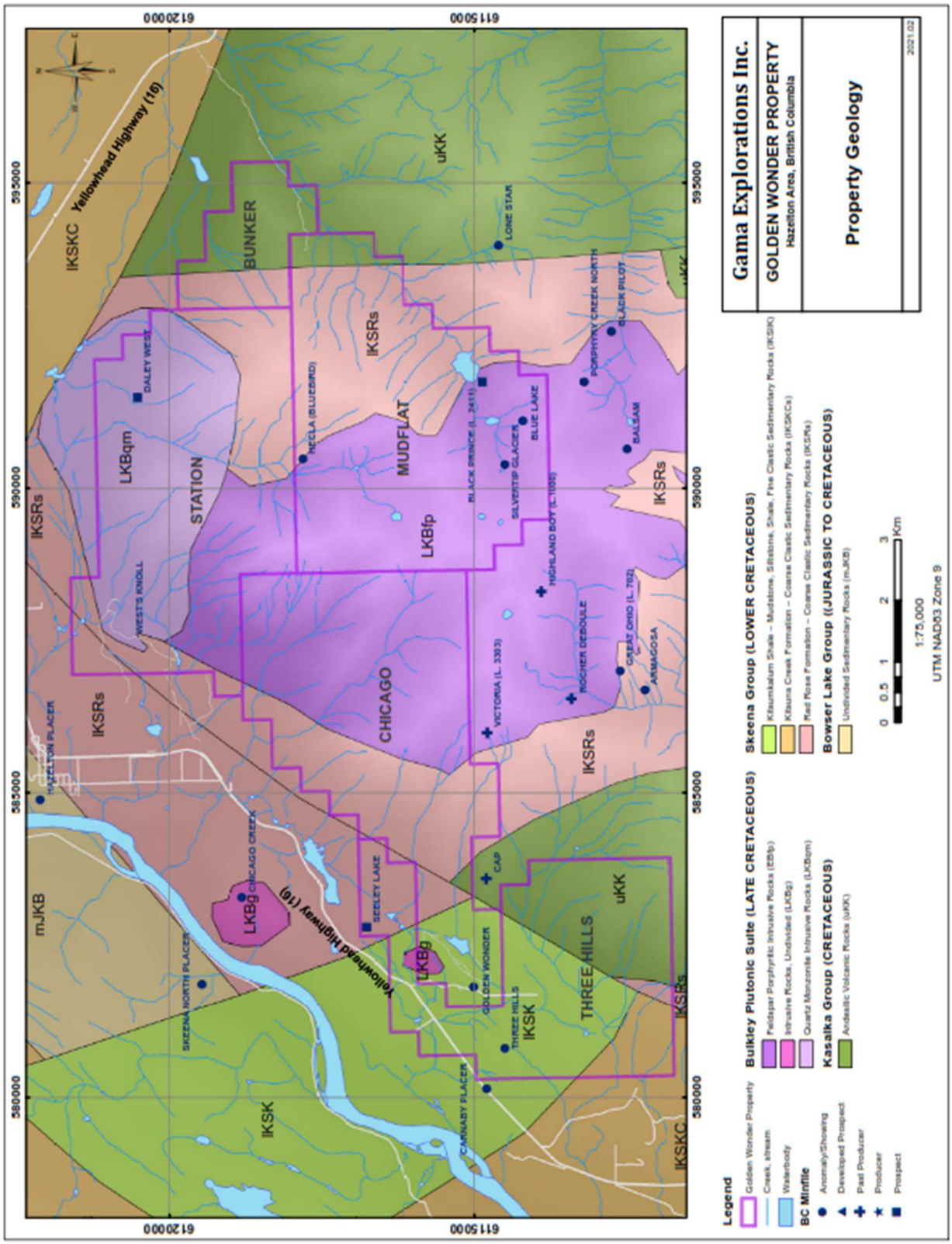

Figure 7-2 Golden Wonder Property geology map

7.2.3 West's Knoll

The West's Knoll area is near the approximate contact between the quartz monzonite rocks of the Bulkley Plutonic Suite and the coarse clastic sedimentary rocks of the Red Rose Formation. The area of interest consists of a rock drumlin that lies along the same trend as the Golden Wonder showing and the historic Three Hills showing. At the base of the drumlin, near a contact between the feldspar porphyry and quartz monzonite, arsenopyrite has been found in loose rocks (Ethier and Pinsent, 2011).

No significant mineralization has been found in the West's Knoll area. One fine-grained mudstone boulder sample showed minor disseminated sulphides and rusty weathering.

7.2.4 Daley West

The Daley West area is characterized by the fine-grained quartz monzonite phase of the Rocher Deboule stock. Mineralization was reported in a silicified shear zone trending 020°/65°NW and containing small amounts of vein quartz. Masses of arsenopyrite and pyrrhotite, pyrite, and some chalcopyrite occur in the shear zone, as well as minor scheelite, sphalerite, galena, and calcite (Sutherland Brown, 1960). Molybdenite was reported in scattered narrow quartz veins near old workings (Ethier and Pinsent, 2011).

No significant mineralization has been found in the Daley West area.

7.2.5 Black Prince/Blue Lake/Silvertip Glacier

The Black Prince, Blue Lake, and Silvertip Glacier showings are clustered near the southeast boundary of the Property, in the feldspar porphyritic granodiorites of the Roche Deboule stock. The Black Prince showing occurs on the ridge between Mudflat and Porphyry creeks. The Blue Lake showing is approximately 1,600 m southwest of the Black Prince showing. The Silvertip Glacier showing is west of the Black Prince and Blue Lake showings. The Black Prince and Blue Lake showings both consist of parallel quartz veins in the intensely jointed Rocher Deboule stock (Ethier and Pinsent, 2011).

Historically, mineralization has been noted in the argillic rocks and parallel quartz veins in fracture zones at the Black Prince showing. The argillic rocks contain oxidized disseminated sulphides (mostly pyrite) interspersed with areas of non-sulphide-bearing host rock. The main fracture zone, trending 150°/65°SW, comprises quartz veins with scheelite, pyrite, chalcopyrite, molybdenite, wolframite, ferberite, and erythrite; this fracture zone is up to 2.4 m wide and over 300 m long. A second fracture zone, approximately 250 m east of the main fracture zone, hosts a parallel quartz vein (trending 150°/65°SW) containing zones of massive chalcopyrite and scheelite, with lesser pyrite, bornite, cassiterite, and uraninite. A third fracture zone hosts an intermediate vein, 150 m east of the main fracture zone; this vein trends 160°/70°SW.

At the Blue Lake showing several mineralized veins have been reported (Sutherland Brown, 1960). Vein No. 1, occurs at the east end of the showing, trends 105°/65°NE and is up to 25 cm wide; it is a quartz vein with up to 10% tetrahedrite and minor chalcopyrite. Vein No. 2, 30 m west of Vein No.1, trends 155°/70°SW; it is a quartz vein with chalcopyrite, pyrite, molybdenite,

tetrahedrite, scheelite, and likely uraninite. Vein No. 3, approximately 600 m northwest of the other veins, trends 165°/75°W; it is a quartz vein with scheelite, molybdenite, chalcopyrite, and ferberite. Approximately, 90 m below vein No. 3, occurs a 23 m milky white quartz vein with tetrahedrite; the vein is up to 3 m wide.

Limited information is available on the Silvertip Glacier showing. According to MINEFILE 093M 055, the showing hosts Cu-Mo mineralization.

7.2.6 Hecla/Bluebird

The Hecla/Bluebird showing occurs on the east side of the Rocher Deboule stock, where it is in contact with the sedimentary rocks of the Red Rose Formation. The showing is at the head of Station Creek and mineralization is visible in both a silicified aplite and a pegmatite dike, that have been cut by quartz veinlets containing pyrite and chalcopyrite (Sutherland Brown, 1960). The aplite dike is 2.7 m wide and has a 1.2 m wide mineralized zone; a grab sample assayed 0.22% Cu, trace Au and 34.3 g/t Ag. The pegmatite dike is 1.8 m wide; a grab sample assayed 0.39% Cu, trace Au, and 18.2 g/t Ag. Also noted are other areas with rusty oxidized surfaces and boulders with some visible sulphides.

8 DEPOSIT TYPE

The Skeena Arch is rich in metallic mineral deposits; over 800 occurrences are listed in the BC Geological Survey's MINFILE database, with the majority of the deposit types in the area related to plutonic suites (McIntyre, 2006) including:

- Polymetallic veins Ag-Pb-Zn-Au
- Subvolcanic Cu-Ag-Au (As-Sb)
- Porphyry Cu Mo Au
- Volcanic redbed Cu
- Porphyry Mo (low F- type)
- Intrusion-related Au pyrrhotite veins

Sutherland Brown (1960) described three phases of vein mineralization that appear to overlap in some spots, with precious metals present in a variety of minerals and dominated by iron-cobalt sulphides, tetrahedrite, and chalcopyrite.

Previous assessments of the Golden Wonder Property and surrounding area suggest an epithermal, high-sulphidation Au-Ag and base metals deposit, potentially a vein/replacement type Iron Oxide Copper Gold (IOCG) deposit and possibly part of a porphyry Cu-Au deposit at depth (Burgoyne and Kikauka, 2007).

A more likely deposit type for the Golden Wonder Property is a Besshi-type Gold rich Volcanogenic Massive Sulphide (VMS) deposits. VMS deposits form in submarine volcanic environments at or near the sea floor and typically occur as lenses of massive sulphide. Besshi-type Cu-Zn deposits are a subtype of VMS deposits that typically occur in clastic rocks in rifted basins and oceanic regimes (pelites and turbidites) associated with mafic volcanic and intrusive rocks. The mafic volcanic rocks and ore are usually enclosed within a thick sequence of continental clastic sediment.

Besshi-type deposits are tabular, stratiform sulphide bodies characterized by a wide spread of turbidites in ore-bearing strata, Co-rich Cu-Zn ores, subvolcanic sills, sheet-like ore bodies, and a lack of clear structural control. Examples of these deposits are the Besshi deposits in Japan and Windy Craggy, in British Columbia.

An alternative deposit classification is the Blackbird Sediment-hosted Cu-Cobalt model, similar to the Blackbird Mine in the Idaho cobalt area. These deposits are characterized by the presence of massive and disseminated pyrite, pyrrhotite, arsenopyrite, cobaltite, chalcopyrite, and magnetite found in stratabound lenses and/or stringers, or in breccia pipes (Earhart, 1986). Textures can include fine-grained, thinly bedded turbidite sequences and graded beds, indicative of a marine turbidite depositional environment. They are sometimes associated with Besshi-type massive sulphide deposits, and are enriched in iron, arsenic, boron, cobalt, copper, gold, silver, and manganese.

9 EXPLORATION

No exploration on the Property has been conducted by Gama.

10 DRILLING

No drilling has been completed on the Property by Gama.

11 SAMPLE PREPARATION, ANALYSES, AND SECURITY

11.1 SAMPLING METHOD AND APPROACH

DGC staff collected and prepared the stream pan concentrates, soil samples and rock samples for analysis. Sampling methods were obtained from internal communications with DGC staff and further reviewed and observed by the author in the field in May 2017 when he visited the Property in connection with the 2017 Technical Report. From personal communications with DGC, the author has been advised that the same sampling procedures were applied to sampling during the 2018 and 2019 exploration programs.

11.1.1 Stream Pan Concentrate Samples

Stream pan concentrate samples were collected from accessible streams with sufficient alluvial sediment beds. All samples were described in situ, including stream flow, contents, and mineralogy. All sample locations were obtained using a handheld Garmin 60 series GPS.

For each sample, between ½ and $^{2}/_{3}$ of a 5-gallon pail of stream silt was collected and passed through a $^{1}/_{4}$" sieve followed by a $^{1}/_{12}$" sieve. The fine faction was then processed pans to concentrate the heavy fraction, yielding some tens of grams per sample. For five of the samples, intermediate fractions were collected and analyzed to capture the arsenopyrite and lighter minerals. The heavy faction was then carefully transferred to pre-labeled sample bags with the corresponding sample book tag. Sample numbers were also written on flagging tape which was also inserted into the sample bag. The bags were sealed with zip ties or flagging tape and catalogued before being packaged in pails and transported to Dahrouge head office, where they were shipped to the Activation Laboratories Ltd. for analysis.

11.1.2 Rock Samples

Grab samples were selected from available outcrops; several pieces were chipped from the outcrop for each sample. Float samples and boulder samples were taken where outcrop was covered by overburden or talus. Every lithology or variation of lithology encountered was sampled; some lithologies were sampled on different locations to test for unobserved changes. Sample locations were obtained using a handheld Garmin 60 series GPS.

All samples were described in situ, including sample type (grab, chip, float, boulder), rock type, mineralogy, and structural measurements. Samples were bagged, in the field, in pre-labelled poly ore sample bags with the corresponding sample book tag. Sample numbers were also written on flagging tape that was also inserted into the sample bag. The bags were sealed with zip ties or flagging tape and catalogued before being packaged in pails and transported to Dahrouge head office, where they were shipped to the Activation Laboratories Ltd. for analysis.

A standard quartz blank was inserted into the rock samples during the 2017 and 2018 field programs to test for contamination during the sample preparation process. No standard was inserted during the 2019 field program.

11.1.3 Soil Samples

Soil samples were collected from two grids, one on the east and another on the west side of Denys Lake. Soil lines were spaced 50 m apart and soil samples were space 25 m apart. Sample locations were obtained using a handheld Garmin 60 series GPS.

All soil samples were collected from the B-horizon; sample depths varied with vegetation and overburden thickness. Samples were placed in pre-labeled bags with the corresponding sample book tag number and a piece of flagging tape with same number. The bags were sealed with zip ties or flagging tape and catalogued before being packaged in pails and transported to Dahrouge head office, where they were shipped to the Activation Laboratories Ltd. for analysis.

11.2 LABORATORY SAMPLE PREPARATION AND ANALYSIS

Sample preparation and analyses were conducted by Activation Laboratories Ltd. (ActLabs) in Kamloops, British Columbia. Actlabs is a commercial laboratory and is completely independent of Gama. The Actlabs Kamloops facility is ISO/IEC 17025 accredited.

Samples were analyzed for major and trace elements by inductively coupled plasma (ICP) and ICP-mass spectrography (MS). Rock samples also underwent fire assays.

11.2.1 Code 8– 4 Acid ICP-OES and Code 8 – 4 Acid ICP-MS

Assay packages for base metal using 4 acid digestion and ICP-OES or ICP-MS. A 0.5 g sample is digested using 4 acid digestion and diluted volumetrically to 100 mL. CANMET reference materials for the appropriate elements are digested the same way and are used as a verification standard(s). Samples are analyzed on a Varian Vista 735 ICP-OES.

11.2.2 Ultratrace 4: Near Total Digestion ICP/MS

A 0.25 g sample is digested with four acids beginning with hydrofluoric, followed by a mixture of nitric and perchloric acids, heated using precise programmer-controlled heating in several ramping and holding cycles, which takes the samples to dryness. After dryness is attained, samples are brought back into solution using hydrochloric and nitric acids. This digestion may not be completely total if resistate minerals are present. As, Sb, and Cr may be partially volatilized.

An in-lab standard (traceable to certified reference materials) or certified reference materials is used for quality control.

Digested samples are diluted and analyzed by Perkin Elmer Sciex ELAN 6000, 6100, or 9000 ICP/MS. One blank is run for every 40 samples. In-house control is run every 20 samples. Digested standards are run every 80 samples. After every 15 samples, a digestion duplicate is analyzed. The instrument is recalibrated every 80 samples.

11.2.3 1A2-ICP - (1A2-ICP-30 or 50) Au Fire Assay - ICP

Fire Assay

A 0.25 g sample is digested with four acids beginning with hydrofluoric, followed by a mixture of nitric and perchloric acids, heated using precise programmer-controlled heating in several ramping and holding cycles, which takes the samples to dryness. After dryness is attained, samples are brought back into solution using hydrochloric and nitric acids. This digestion may not be completely total if resistate minerals are present. As, Sb, and Cr may be partially volatilized. A sample size of 5 to 50 g can be used but the routine size is 30 g for rock pulps, soils or sediments (exploration samples). The sample is mixed with fire assay fluxes (borax, soda ash, silica, litharge) and with Ag added as a collector and the mixture is placed in a fire clay crucible, the mixture is preheated at 850°C, intermediate 950°C and finish 1060°C, the entire fusion process should last 60 minutes. The crucibles are then removed from the assay furnace and the molten slag (lighter material) is carefully poured from the crucible into a mould, leaving a lead button at the base of the mould. The lead button is then placed in a preheated cupel, which absorbs the lead when cupelled at 950°C to recover the Ag (doré bead) + Au.

ICP-OES

The Ag doré bead is digested in hot (95°C) HNO_3 + HCl. After cooling for 2 hours, the sample solution is analyzed for Au by ICP-OES using a Varian 735 ICP.

It is the author's opinion that the adequacy of sample preparation, security and analytical procedures are sufficient for this stage of exploration on the Golden Wonder Property.

11.3 ASSAY RESULTS AND INTERPRETATION

Assay results from the 2019 samples further support the occurrence of significantly elevated values for gold, silver and copper on the Golden Wonder Property. These results are discussed in further detail in Section 6.3.

12 DATA VERIFICATION

The Property is an early-stage exploration project and Mr. Jeff Reeder previously visited the Property May 22, 2017. The Author of this report determined that there is no need for another site visit. The work completed since the visit was surface geophysical sampling and geophysics. Also due to the COVID pandemic, unnecessary travel is not recommended.

During Mr. Reeder's site visit in 2017, he reviewed exposed outcrop, subcrop, and float, and collected seven rock samples from two historic showings: Golden Wonder and Black Prince. Samples 122401 to 122403 were collected on the Black Prince zone, whereas samples 122404 to 122407 were collected from the Golden Wonder zone (Table 12-1).

Table 12-1. Samples taken by the Author in 2017

Sample ID	Easting	Northing	Au (ppb)	Ag (g/t)	Cobalt (ppm)	Cu (ppm)
122401	592043	6115038	4	0.08	174	463
122402	591917	6114894	118	0.72	134	58.1
122403	591971	6115434	<2	0.1	10.9	33.3
122404	581826	6115203	10300	53.9	3010	27100
122405	581815	6115182	1110	2.9	5	957
122406	581815	6115182	25300	65.7	1290	32900
122407	581815	6115182	112	12.9	119	7510

Samples collected by Mr. Reeder in 2017 were packaged and prepared for shipment under his supervision.

A standard quartz blank was inserted into the samples to test for contamination during the sample preparation process. The quartz sample, #122375, was inserted between samples with relatively higher grades for Au, Ag, Co and Cu; results for the sample showed no indication of any significant or systemic cross contamination. The assay results for the blank sample were below the detection limit for both Au and Ag but were above the detection limit for Co (assayed 0.5 ppm, with a detection limit of 0.1 ppm) and Cu (assayed 3.2 ppm, with a detection limit of 0.2 ppm).

All assay certificates and data collected from the 2017-2019 exploration programs, and the historic documents have been made available to the author. The author has reviewed all the data. All sample locations were obtained using a handheld Garmin 60 series GPS during the exploration programs.

It is the Author's opinion that the data produced meets the standards required for the purposes of this technical report. The work conducted by DGC is considered professional and can be relied on.

13 MINERAL PROCESSING AND METALLURGICAL TESTING

No mineral processing or metallurgical testing has been completed on the Property.

14 MINERAL RESOURCE ESTIMATES

No mineral resource estimation has been completed on the Property.

15 TO 22 – NOT APPLICABLE (EARLY-STAGE PROPERTY)

The Golden Wonder Property is an early-stage exploration project. Sections 15 through 22, as defined by NI 43-101, are not relevant to this report and have been omitted.

23 ADJACENT PROPERTIES

The information in this section was obtained from publicly available BC Mineral Assessment Reports.

The Rocher Deboule Property lies adjacent to the south of the Golden Wonder Property and consists of three mineral claims covering 1,016.244 ha of land, which are owned 100% by American Manganese Inc. Their property covers several historic past-producing mineral showings, including the Victoria, Rocher Deboule, Highland Boy, and Cap showings, in addition to several less advanced mineral showings. The Rocher Deboule Property has recorded occurrences of "gold-silver-copper-(zinc-lead-cobalt)" mineralization (Kikauka, 2016). Recent work done by American Manganese Inc. involved six diamond drill holes at the Highland Boy showing, an airborne geophysical survey, and several surface prospecting programs. In 2016, American Manganese Inc. sampled fissure vein mineralization near the Cap showing, highlighted by a sample with 9280 ppb Au, 40 ppm Ag, and 57026 ppm Cu (Kikauka, 2016).

The Cobalt Mountain Property lies just south and adjacent to the Rocher Deboule Property and Golden Wonder Property. This property consists of 14 contiguous mineral claims and covers 4,921.46 ha, with ownership for 13 of the 14 claims being Ridge Resources Ltd., Crucible Resources Ltd., 477291 BC Ltd., MVR Consulting Inc., and Timothy Arthur Johnson, each owning 20% of the claims (Hanson, 2019). The 14th claim is 100% owned by Douglas Warkentin (Hanson, 2019). Several historic mineral showings occur within the property's boundaries, including a past producer (Brunswick) and an early-stage prospect (Sultana). Commodities of interest include, but are not limited to, Cu, Mo, Ag, Au, Pb, and Zn. The most recent publicly disclosed work program consisted of prospecting and soil sampling in 2016 (Johnson, 2018).

There are numerous other mineral tenures surrounding the Property that are registered to companies or individuals, and they are not described in this report. The author has been unable to verify the information on any of these adjacent properties and they are not necessarily indicative of the mineralization present of the Golden Wonder Property.

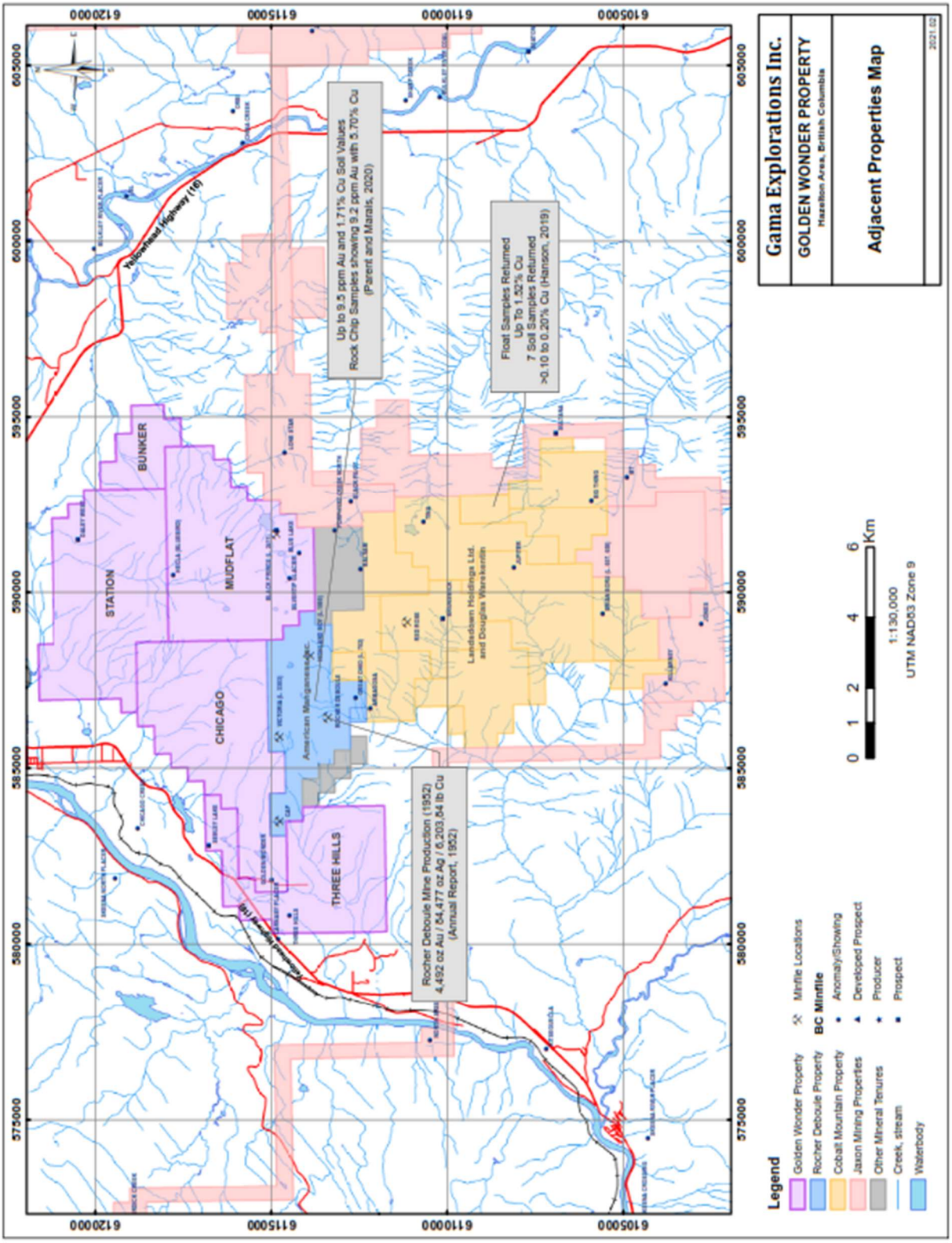

Figure 23-1. Adjacent Property Map

24 OTHER RELEVANT DATA AND INFORMATION

The author is unaware of any other relevant data.

25 INTERPRETATION AND CONCLUSIONS

The 2019 exploration program focused on further investigating and constraining gold mineral potential on the Golden Wonder Property. The mineral potential of silver, copper and cobalt were also evaluated. The 2019 exploration program included rock and soil sampling, and a ground magnetic survey at the Golden Wonder showing area. The soil and rock analytical results indicate that there is significant Au mineralization at the Golden Wonder showing area, in massive to narrow sulphide veins and in the surrounding argillite/mudstone. Elevated gold values occur both in the soil and rock samples at Golden Wonder. A high proportion of the total rock samples collected between 2017 and 2019 displayed anomalous Au values, with 34 of the 197 samples returning greater than 0.5 g/t Au.

The 2019 ground magnetic survey highlighted several linear magnetically anomalous zones with a NE-SW trend that align with historical and 2019 rock and soil data. The trend has an approximate 1100 m length.

Additional work should be carried out at Golden Wonder, as well as work at Three Hills and West's Knoll, whose drumlins follow the same trend as the drumlin at Golden Wonder. The Golden Wonder showing area would benefit from a backpack drill program to better define the mineralization trend, mineralization of the bedrock and assist with targeting for a full drill program. Three Hills and West's Knolls would benefit from soil sampling and geological mapping to determine if they have mineralization potential similar to that of Golden Wonder.

26 RECOMMENDATIONS

Based on the 2017, 2018 and 2019 exploration programs, it is of the Author's opinion that the Golden Wonder Property exhibits favorable geological characteristics and potential to warrant further exploration for gold, silver, copper, and cobalt. The Author recommends a two-phase program consisting first of a backpack diamond drill program at the main Golden Wonder area, and a soil sampling and mapping program at West's Knoll and Three Hills areas. The second phase will consist of a 1500 metre diamond drilling program first focused on the main showings and then targets identified in the first phase. An estimate budget for both phases is provided in in Table 26-1.

Both the West's Knoll and Three Hills areas consist of rock drumlins along the same trend as Golden Wonder. Approximately 200 soil samples should be collected at each location with samples spaced 25 m along 100 m space lines. Results will be used to evaluate the mineral potential of the areas and determine if the areas have mineralization potential similar to that of the Golden Wonder area. In addition to the soil sampling, geological mapping and sampling should be carried out to understand structures and potential mineralization in the area.

The Phase One backpack drill program at Golden Wonder showing would include drilling 10 to 15 holes BQ size holes, up to 5 m in depth. The program would include spacing drillholes along the known NE-SE mineralization trend at locations with minimal cover to test mineralization in the bedrock at shallow depths, better constrain mineralization and provide data for a full diamond drill program.

Phase two program will consist of a 1500 metre drill program with the initial focus on the Golden Wonder showing and other targets identified in the first phase. The total estimated cost for Phase 2 work, along with a 10% contingency, would be about $500,000.

Table 26-1. Estimated Budget for Phase One Backpack Drill Program and Soil Sample Program and Phase Two Diamond Drill program

Phase One

Item	Estimated Cost
Planning and Logistics	$3,000
Personnel (2 senior geologists at $900/day and 2 field assistants @ $600/day for 18 days)	$54,000
Transportation (Truck & ATV rental; Fuel)	$4,000
Accommodation and Meals (4 persons at $163/day for 20 days)	$12,000
Equipment Rentals (Backpack Drill + accessories; GPS)	$7,000
Supplies, Communications & Sample Shipping	$4,000
Analytical (est. 400 soils at $55/ sample + 35 rock samples at $75/sample)	$25,000
Contingency (10%)	$10,900
Total:	**$119,900**

Phase Two

Item	Estimate Cost
Project Planning and Logistics	$5,000.00
Program Oversight and Office Support (1 person for 3 days @ $800 / day)	$2,400.00
Drill Program Personnel - Professional Geologist $1000 per day 30 days	$30,000.00
Report Wrting	$10,000.00
Drill Program Personnel - 2 workers @ $600 per day X 2 = $1200 per day 30 days	$3,600.00
Transportation of personal - P.Geo and one worker - including daily fee	$3,600.00
Accommodation and Meals (2 people for 30 days @ $400 per day)	$12,000.00
Drill Equipment Mobilization	$7,500.00
Drilling 1500 metres - includes coring, drill moves casing, cementing, water truck core boxes	$262,500.00
Road Construction	$50,000.00
Analytical (Core Samples) - ICP- fire Assays Au - $75 per sample - 750 samples	$56,250.00
Supplies, Communication Shipping Sampling	$15,000.00
Contingency (10%)	$45,800.00
Total:	**$503,650.00**

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28 DATE AND SIGNATURE PAGE

This report, entitled "**Technical Report on the Golden Wonder Property**" and with an effective date of March 8th, 2021, was prepared on behalf of Blue Lagoon Resources Inc. and is signed by the author, Jeffrey J. Reeder, P.Geo.

Jeffrey J. Reeder, P.Geo.

APEGBC License #19945

29 CERTIFICATE OF QUALIFIED PERSON

I, Jeffrey J. Reeder, P.Geo, do hereby certify that:

1. I am a Professional Geoscientist with a business address at **1240 Fleet Street, Mississauga, Ontario L5H 3P5**.
2. I am the author of the technical report entitled "**Technical Report on the Golden Wonder Property**", prepared on behalf of Gama Explorations Inc. and with an effective date of March 8th , 2021.
3. I graduated in 1988 with a B.S.c with specialization in Geology from the University of Alberta.
4. I am a Registered Professional Geologist (P.Geo.) with the Association of Engineers and Geoscientists of British Columbia with License #19945.
5. I have been employed as a Professional Geoscientist continuously since November 1992.I have been practicing my profession since 1988 and worked primarily in Cordilleran Geology exploring for precious and base metal deposits in North and South America.
6. I am a Qualified Person for purposes of National Instrument 43-101.
7. I inspected the Golden Wonder Property on May 22, 2017.
8. I am responsible for the preparation and take responsibility for all sections of the report entitled "**Technical Report on the Golden Wonder Property**", prepared on behalf of Gama Explorations Inc. and with an effective date of March 8th, 2021.
9. I am independent of the issuer of this report.
10. Besides writing the 2017 and 2019 Report, I have not had prior involvement with the Property that is the subject of this report.
11. I have read National Instrument 43-101 and the report entitled "**Technical Report on the Golden Wonder Property** "has been prepared in compliance with this Instrument.
12. On the effective date of the report, March 8th , 2021, to the best of my knowledge, information, and belief, this technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.

Jeffrey Reeder, P.Geo, APEGBC License #19945

Quality Analysis ... *Innovative Technologies*

Date Submitted: 19-Aug-19
Invoice No.: A19-10925
Invoice Date: 30-Sep-19
Your Reference: GW2019-01/Golden Wonder

Dahrouge Geological Consulting Ltd.
10509-81 Ave.
Suite 18
Edmonton AB T6E 1X7
Canada

ATTN: Jody Dahrouge

CERTIFICATE OF ANALYSIS

223 Rock and Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-ICP Kamloops	QOP PGE-OES (Au-Fire Assay ICPOES 30g)	2019-09-02 20:19:18
UT-4-Kamloops	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2019-09-20 15:41:31

REPORT **A19-10925**

Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.05	0.01	0.1	20	1	0.1	0.02	0.01	0.1	0.1	0.1	1	0.05	0.2	0.1	0.1	0.05	0.01	0.1	0.1	0.1	0.1
Method Code	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GWJP001	1910	16.0	4.96	> 10000	860	64	0.9	26.9	0.19	0.5	254	> 500	116	0.77	4100	14.3	7.2	2.23	13.4	19.7	18.5	0.3	1.0
GWJP002	15	0.37	7.99	249	60	524	2.1	0.39	0.57	< 0.1	53.1	18.7	134	11.4	7.7	3.5	2.1	0.57	4.36	16.6	4.3	0.4	1.4
GWJP003	20	0.15	7.87	97.6	50	528	1.9	0.44	1.58	< 0.1	67.5	6.1	141	9.33	10.5	4.2	2.1	0.83	4.68	16.7	5.5	0.3	1.2
GWJP004	60	0.11	6.94	382	< 20	1070	1.3	0.27	0.39	0.1	103	37.3	170	10.4	37.9	3.7	1.4	0.89	5.03	15.8	6.5	0.2	0.7
GWJP005	8	1.30	6.41	45.2	210	560	0.6	1.19	0.24	0.2	29.6	6.7	248	0.49	336	2.4	1.4	0.48	6.77	21.2	2.6	0.3	1.5
GWJP006	5	0.24	7.99	15.9	< 20	645	1.6	0.28	1.11	< 0.1	38.2	16.1	123	5.49	46.6	2.7	1.6	0.87	4.56	16.8	3.2	0.4	2.3
GWJP007	9	0.30	3.89	11.9	< 20	54	0.3	0.23	0.85	6.1	35.0	31.8	82	0.22	454	5.0	2.5	0.87	5.51	10.5	5.4	0.1	< 0.1
GWJP008	30	1.10	8.65	5.7	590	38	1.0	6.79	1.27	0.4	110	31.0	72	1.53	308	9.4	3.7	3.92	9.97	22.5	13.4	0.2	2.1
GWEK19 001	< 2	0.31	7.05	17.8	100	770	0.9	0.40	0.14	0.3	66.6	18.4	155	5.07	120	2.1	0.9	1.09	11.8	13.1	3.5	0.3	1.4
GWEK19 002	< 2	0.11	6.65	19.3	150	455	1.0	1.11	0.31	0.1	184	10.2	176	3.43	63.3	3.7	1.4	1.88	6.61	14.1	8.3	0.3	0.9
GWEK19 003	< 2	0.07	7.36	2.2	< 20	1480	1.0	0.11	0.22	< 0.1	19.4	4.3	123	1.61	4.1	2.6	1.8	0.43	4.88	12.0	2.1	0.1	0.2
GWEK19 004	< 2	0.14	6.17	33.6	< 20	829	0.9	0.76	0.15	0.2	96.6	5.2	163	5.03	115	2.6	1.2	0.98	6.20	11.1	5.2	0.5	0.5
GWEK19 005	< 2	0.12	8.67	3.0	< 20	268	0.9	0.08	3.22	0.1	29.1	15.6	30	1.37	37.7	3.3	1.8	1.09	4.49	18.0	3.5	0.1	0.9
GWEK19 006	6	0.23	7.64	2.6	< 20	1090	1.0	0.31	0.24	< 0.1	44.5	3.6	85	1.86	129	2.3	1.5	0.80	5.71	14.3	3.2	0.2	< 0.1
GWEK19 007	6	0.09	6.78	50.4	60	851	1.0	0.22	0.27	< 0.1	21.4	11.0	202	2.95	6.3	2.2	1.5	0.34	3.29	11.3	2.3	0.1	0.2
GWEK19 008	< 2	0.23	8.14	5.9	< 20	913	1.4	0.13	0.70	0.8	54.0	2.9	96	1.96	56.0	3.5	2.1	1.07	5.09	16.7	4.4	0.2	0.6
GWEK19 009	59	2.20	7.00	995	< 20	36	0.8	12.3	1.51	< 0.1	34.9	36.4	81	2.73	606	5.9	3.4	1.14	10.8	19.2	6.3	0.2	1.3
144001	5	0.47	7.70	50.5	< 20	562	1.0	1.39	1.12	0.1	40.2	11.3	36	5.72	42.9	2.7	1.6	0.98	4.04	14.9	3.3	0.1	0.6
144002	< 2	0.37	6.71	22.5	< 20	575	1.0	0.70	1.25	0.2	34.8	11.8	38	4.00	19.9	2.5	1.5	0.81	3.68	13.6	2.8	0.1	0.5
144003	< 2	0.17	6.97	6.8	< 20	608	1.1	0.14	1.30	0.2	38.1	11.3	54	1.97	14.1	2.6	1.6	0.78	3.59	12.7	2.7	0.2	0.9
144004	7	0.32	7.47	43.2	< 20	567	1.3	1.07	1.10	0.2	29.5	18.9	46	4.14	29.6	2.5	1.5	0.74	5.36	14.4	2.7	0.2	0.8
144005	6	0.39	8.21	7.9	< 20	587	1.2	0.77	1.17	< 0.1	43.2	9.2	33	5.57	24.0	2.9	1.6	1.01	2.76	16.3	3.7	0.1	0.5
144006	5	0.43	8.67	15.5	< 20	551	1.1	1.71	1.15	< 0.1	38.4	8.1	26	6.48	29.4	2.7	1.5	0.90	2.45	17.2	3.2	0.2	0.5
144007	13	0.40	7.84	7.5	< 20	538	1.1	1.32	1.27	0.2	39.3	8.3	37	5.25	30.1	3.1	1.7	1.03	2.17	15.6	3.6	0.3	0.8
144008	11	0.38	8.44	15.2	20	569	1.1	1.34	1.24	0.2	35.8	14.3	35	7.63	43.9	3.0	1.7	1.06	3.40	16.8	3.7	0.3	0.9
144009	16	0.51	9.09	16.7	< 20	617	1.2	2.49	1.14	0.3	40.3	20.7	43	7.80	54.0	3.0	1.7	1.16	3.70	18.5	3.7	0.4	0.9
144010	17	0.31	8.58	4.1	< 20	554	1.1	1.00	1.27	0.2	44.0	11.8	38	5.96	40.1	3.3	1.8	1.10	3.39	16.8	4.1	0.2	0.6
144011	11	0.34	8.28	22.9	< 20	542	1.0	0.64	1.46	0.1	37.3	12.4	43	6.28	30.2	2.9	1.6	1.04	3.23	16.9	3.7	0.4	1.0
144012	6	0.20	8.23	11.3	< 20	507	1.0	0.49	1.38	0.2	35.0	11.5	37	5.63	28.6	2.7	1.5	1.02	2.91	16.8	3.5	0.3	0.6
144013	7	0.24	8.11	7.2	< 20	510	0.9	0.75	1.24	0.1	35.9	10.9	39	5.64	28.3	2.8	1.6	1.05	2.92	16.9	3.5	0.2	0.3
144014	8	0.45	7.65	26.7	< 20	500	1.0	1.05	1.38	0.4	37.6	15.5	30	6.26	45.5	3.0	1.6	1.08	3.12	15.6	3.7	0.5	0.7
144015	< 2	0.19	6.96	9.9	< 20	513	0.9	0.12	0.65	< 0.1	33.7	9.6	34	1.96	17.5	2.6	1.6	0.80	3.10	11.6	2.8	0.3	1.6
144016	< 2	0.13	6.88	8.1	< 20	629	0.9	0.10	1.12	0.1	37.2	9.2	43	1.77	15.6	2.7	1.6	0.80	3.16	11.9	2.9	0.2	1.2
144017	< 2	0.19	7.23	6.4	< 20	656	1.1	0.12	1.16	0.1	41.5	10.3	48	1.94	18.4	2.8	1.7	0.86	3.37	13.0	3.0	0.1	1.0
144018	< 2	0.19	7.04	4.9	< 20	607	1.0	0.09	1.20	< 0.1	49.1	9.1	47	1.55	20.9	2.7	1.6	0.81	3.24	12.7	2.8	0.1	0.5
144019	48	1.68	4.53	28.9	< 20	539	0.5	1.46	0.44	0.2	84.7	4.5	75	2.10	217	2.4	1.4	1.00	2.81	16.2	3.9	0.1	< 0.1
144020	< 2	0.36	6.92	5.4	< 20	650	1.1	0.27	0.84	0.2	32.2	12.3	25	2.85	29.7	2.7	1.6	0.79	3.77	13.3	2.9	0.3	< 0.1
144021	< 2	0.23	6.91	8.3	< 20	541	0.9	0.13	0.94	< 0.1	31.4	9.9	38	1.94	22.9	2.7	1.6	0.81	3.47	12.1	2.9	0.2	< 0.1
144022	< 2	0.68	7.80	7.6	< 20	569	1.1	0.23	0.93	< 0.1	30.1	12.9	42	2.79	33.0	2.7	1.7	0.78	3.95	14.5	2.8	0.1	1.1
144023	3	0.34	6.97	7.5	< 20	642	1.1	0.28	1.11	0.4	35.4	12.8	48	3.21	16.0	2.4	1.5	0.76	3.65	14.6	2.6	0.2	1.4
144024	< 2	0.25	7.20	11.5	< 20	695	1.2	0.18	1.23	0.2	44.3	10.7	48	2.68	16.8	3.0	1.8	0.97	3.52	13.5	3.4	0.4	1.5
144025	< 2	0.36	6.41	24.8	< 20	677	1.1	1.42	1.08	0.3	33.8	14.0	56	3.00	190	2.5	1.5	0.72	4.60	14.3	2.7	0.4	1.3
144026	< 2	0.22	6.90	6.3	< 20	557	0.9	0.15	1.01	0.1	32.9	9.5	40	1.88	21.9	2.5	1.5	0.75	3.20	12.3	2.6	0.1	0.9
144027	< 2	0.28	7.44	6.0	< 20	616	1.2	0.16	1.04	0.2	44.3	10.7	45	2.17	23.8	3.0	1.8	0.88	3.44	13.5	3.1	0.2	0.4
144028	< 2	0.25	7.29	4.1	< 20	650	1.2	0.21	1.29	0.2	38.1	10.4	39	2.07	12.8	2.7	1.6	0.83	3.22	13.1	2.9	0.2	< 0.1
144029	< 2	0.23	6.90	14.1	< 20	612	1.0	0.31	1.16	< 0.1	41.0	10.3	38	2.03	43.5	2.8	1.6	0.86	3.21	12.1	3.1	0.2	< 0.1
144030	3	0.32	7.12	24.2	< 20	610	1.2	2.26	1.10	0.1	47.7	13.4	47	4.78	266	3.1	1.7	0.95	3.74	13.1	3.4	0.1	< 0.1
144031	5	0.40	5.77	66.2	< 20	445	1.0	1.45	0.71	0.3	44.6	15.9	60	7.71	43.7	2.5	1.5	0.86	4.46	14.9	3.3	0.3	1.4
144032	18	0.80	7.13	15.5	< 20	594	1.0	1.18	0.95	< 0.1	38.2	17.0	45	2.28	49.5	3.0	1.7	0.90	3.54	12.6	3.2	0.2	1.4
144033	3	1.16	6.30	13.2	< 20	488	0.9	1.87	0.63	0.2	31.6	12.1	54	4.39	180	2.0	1.3	0.64	4.34	16.7	2.2	0.4	1.9
144034	50	1.69	5.60	112	< 20	329	0.9	3.47	0.35	0.1	135	18.1	112	5.54	669	2.5	1.1	1.54	10.3	17.7	5.6	0.6	1.6

Analyte Symbol	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.05	0.01	0.1	20	1	0.1	0.02	0.01	0.1	0.1	0.1	1	0.05	0.2	0.1	0.1	0.05	0.01	0.1	0.1	0.1	0.1
Method Code	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144035	< 2	0.37	7.15	7.4	< 20	578	1.1	0.19	0.99	0.2	34.8	10.2	57	2.33	14.5	2.7	1.6	0.80	3.72	13.9	2.8	0.3	1.4
144036	4	0.20	7.37	10.6	< 20	570	1.0	0.18	0.67	0.1	32.2	12.0	40	2.23	26.8	2.6	1.6	0.75	3.73	13.1	2.5	0.2	0.8
144037	< 2	0.23	7.06	8.6	< 20	502	0.9	0.19	0.53	< 0.1	29.8	11.8	35	2.23	23.3	2.3	1.5	0.66	3.48	11.8	2.3	0.1	0.2
144038	< 2	0.20	6.74	4.5	< 20	572	1.0	0.11	1.16	0.1	39.3	9.5	35	1.92	17.2	3.0	1.7	0.88	2.94	12.0	3.3	0.2	< 0.1
144039	< 2	0.12	6.85	7.0	< 20	588	1.1	0.12	1.13	< 0.1	51.9	9.7	42	1.58	20.8	2.7	1.6	0.79	3.18	12.0	2.8	0.1	< 0.1
144040	< 2	0.33	7.49	13.7	< 20	590	1.0	0.21	0.85	0.2	35.6	11.9	52	2.54	22.4	2.4	1.6	0.71	3.91	14.3	2.6	0.3	1.5
144041	< 2	0.27	7.30	7.3	< 20	708	1.1	0.14	1.33	0.2	40.6	11.1	53	2.31	19.3	2.8	1.6	0.86	3.77	14.3	3.2	0.3	1.3
144042	< 2	0.22	7.64	9.7	< 20	608	1.0	0.11	0.84	0.2	37.7	11.9	53	2.03	29.3	2.9	1.7	0.83	4.15	14.4	3.0	0.3	1.3
144043	< 2	0.18	7.64	16.6	< 20	607	1.0	0.23	0.90	0.1	49.1	13.6	50	2.63	33.0	2.9	1.7	0.94	4.44	14.1	3.2	0.2	0.2
144044	< 2	0.12	6.89	9.9	< 20	480	0.9	0.13	0.60	0.1	40.4	10.8	39	2.43	26.9	2.6	1.6	0.78	3.47	12.2	2.7	0.2	0.5
144045	< 2	0.20	6.98	5.9	< 20	591	0.9	0.17	0.84	< 0.1	38.6	9.4	35	1.66	43.6	2.9	1.7	0.89	3.00	12.1	3.1	0.1	0.1
144046	< 2	0.21	6.98	11.7	< 20	519	0.9	0.20	0.70	0.2	39.8	12.4	35	2.70	31.7	2.8	1.7	0.84	3.72	12.9	2.9	0.2	< 0.1
144047	< 2	0.37	6.49	27.5	< 20	586	1.1	3.32	1.07	0.4	37.7	17.0	50	4.57	33.9	2.6	1.6	0.79	4.16	12.9	3.0	0.4	1.6
144048	< 2	0.46	5.98	5.5	< 20	783	1.0	0.60	1.29	1.6	39.8	10.3	35	3.49	9.9	2.5	1.5	0.76	2.68	13.6	2.9	0.2	0.8
144049	85	2.10	6.12	262	< 20	626	1.0	139	0.56	0.3	61.2	29.7	85	6.34	157	2.6	1.4	1.01	6.68	17.4	4.1	0.2	1.0
144050	6	0.45	6.07	14.2	< 20	553	0.9	2.27	0.77	0.2	45.8	8.5	45	3.09	19.9	2.6	1.6	0.80	3.27	14.2	3.2	0.2	0.2
144051	15	1.22	6.21	74.0	< 20	604	1.2	16.0	0.81	0.6	80.1	51.6	60	9.75	172	4.0	2.0	1.43	6.47	12.8	5.4	0.3	0.3
144052	< 2	1.07	6.74	117	< 20	573	1.1	2.51	0.81	0.5	37.1	14.1	43	5.81	56.0	2.5	1.5	0.74	4.07	13.0	2.8	0.2	< 0.1
144053	< 2	0.37	6.77	9.6	< 20	559	1.1	0.75	0.76	0.1	38.1	10.5	42	3.05	33.7	2.8	1.7	0.82	3.19	11.9	3.1	0.1	< 0.1
144054	3	0.84	6.53	42.7	< 20	611	1.0	1.67	0.94	0.7	38.0	16.4	46	3.78	61.1	2.6	1.5	0.77	3.53	12.1	2.8	0.2	1.6
144055	< 2	0.50	6.61	36.2	< 20	585	1.0	1.12	0.81	0.2	43.2	12.5	49	3.16	37.5	2.7	1.6	0.85	3.47	12.3	3.1	0.3	1.3
144056	4	0.35	6.72	35.7	< 20	614	1.0	1.32	0.84	0.2	37.2	11.9	55	3.17	32.5	2.7	1.6	0.81	3.49	12.2	2.8	0.3	1.5
144057	3	0.45	6.73	10.8	< 20	547	0.9	0.30	0.65	0.2	30.6	11.1	44	2.29	23.1	2.6	1.6	0.77	3.59	12.0	2.6	0.2	1.6
144058	4	0.73	7.09	13.0	< 20	563	1.0	0.58	0.68	0.4	33.3	12.2	47	2.63	23.4	2.7	1.6	0.79	3.58	12.7	2.7	0.2	1.3
144059	3	0.91	6.68	49.1	< 20	598	1.1	1.58	0.89	0.4	42.8	13.7	49	3.30	46.2	2.8	1.6	0.86	3.54	11.6	3.1	0.2	0.3
144060	< 2	0.50	6.66	39.1	< 20	588	1.2	1.63	0.68	0.9	37.7	14.9	45	4.92	41.5	2.6	1.5	0.80	3.64	12.5	2.9	0.2	0.1
144061	< 2	0.40	7.18	8.7	< 20	613	1.0	0.28	0.78	0.2	39.1	12.8	29	2.92	26.3	2.8	1.7	0.82	4.25	13.4	3.0	0.3	< 0.1
144062	< 2	0.18	6.70	7.4	< 20	528	0.8	0.27	0.84	< 0.1	39.9	9.7	32	1.70	23.7	2.6	1.6	0.81	2.98	11.3	2.9	0.1	< 0.1
144063	< 2	0.15	6.41	4.3	< 20	583	0.9	0.39	0.92	< 0.1	32.8	8.3	37	1.91	51.9	2.9	1.7	0.91	2.76	11.2	3.1	0.2	0.9
144064	2	0.56	6.83	27.1	< 20	657	1.0	1.41	0.94	0.3	38.3	13.2	59	5.61	249	3.1	1.8	0.91	4.40	13.8	3.5	0.4	1.7
144065	< 2	0.82	6.35	15.4	< 20	529	0.9	0.61	0.68	0.2	30.0	8.1	50	3.26	31.6	2.2	1.4	0.67	3.40	14.5	2.4	0.3	1.6
144066	< 2	0.38	6.77	9.4	< 20	535	0.8	0.20	0.69	0.2	29.0	10.6	38	2.53	25.6	2.3	1.5	0.68	3.47	11.8	2.3	0.2	1.1
144067	< 2	0.47	7.09	17.1	< 20	549	1.0	0.60	0.69	0.2	34.9	11.9	45	3.10	54.9	2.4	1.5	0.74	3.51	13.3	2.6	0.3	1.1
144068	< 2	0.87	6.77	87.0	< 20	564	1.0	1.18	0.59	0.7	32.7	10.0	46	5.91	146	2.5	1.6	0.73	3.21	13.7	2.7	0.2	0.4
144069	< 2	0.71	6.95	37.7	< 20	507	1.2	1.77	0.62	0.6	34.7	18.1	36	5.17	138	2.5	1.5	0.72	3.91	12.3	2.6	0.2	0.2
144070	< 2	0.27	6.81	13.1	< 20	597	1.0	0.83	1.05	0.1	35.5	11.2	43	2.65	27.6	2.6	1.5	0.79	3.37	11.9	2.8	0.2	< 0.1
144071	< 2	0.42	6.82	14.6	< 20	588	1.0	1.03	1.07	0.1	52.5	11.2	38	2.72	42.0	2.8	1.6	0.87	3.37	12.0	3.2	0.2	< 0.1
144072	< 2	0.39	7.00	10.6	< 20	481	1.0	0.17	0.66	0.2	28.9	12.6	50	2.70	13.3	2.3	1.5	0.72	3.61	13.7	2.5	0.3	1.6
144073	< 2	0.33	6.99	11.0	< 20	547	0.9	0.23	0.91	0.1	37.8	10.1	44	2.65	19.0	2.8	1.6	0.85	3.34	12.9	3.0	0.3	1.3
144074	< 2	0.32	6.34	6.4	< 20	427	0.7	0.32	0.57	0.1	28.7	7.8	39	2.23	14.1	2.1	1.4	0.63	2.46	11.7	2.2	0.2	1.0
144075	< 2	0.21	6.53	8.4	< 20	501	0.9	0.22	0.68	0.1	40.1	11.0	44	4.37	39.5	2.4	1.5	0.85	3.56	12.3	3.0	0.3	0.6
144076	3	1.22	6.53	56.8	< 20	511	1.0	1.28	0.63	0.2	37.8	11.4	46	3.30	206	2.1	1.3	0.62	4.89	14.8	2.4	0.2	0.2
144077	16	7.61	6.74	218	< 20	495	1.0	126	0.90	0.6	33.4	117	48	4.94	861	2.4	1.4	0.66	6.31	13.5	2.6	0.4	0.1
144078	5	1.39	6.98	21.7	< 20	605	1.2	1.12	0.93	0.4	58.8	34.9	46	10.6	235	4.0	2.1	1.23	3.97	13.0	4.9	0.2	< 0.1
144079	< 2	0.32	7.78	5.5	< 20	684	1.0	0.54	1.12	0.3	28.1	10.6	49	5.78	68.7	2.9	1.9	0.79	3.29	15.6	2.9	0.6	1.9
144080	< 2	0.41	7.03	23.5	< 20	601	1.2	0.29	0.95	0.4	35.1	14.8	56	3.25	24.5	2.7	1.6	0.82	4.85	14.7	2.8	0.3	2.1
144081	< 2	0.22	7.11	13.9	< 20	590	1.0	0.18	0.71	0.2	39.9	12.2	54	2.60	21.8	2.6	1.6	0.77	3.96	12.8	2.8	0.4	1.7
144082	< 2	0.10	7.08	10.7	< 20	623	1.1	0.12	0.73	0.1	45.5	11.4	41	1.90	24.8	3.0	1.8	0.93	3.96	12.0	3.4	0.2	1.3
144084	< 2	0.20	7.28	11.2	< 20	590	1.0	0.17	0.78	0.2	54.8	13.2	47	2.76	26.8	3.2	1.8	0.93	4.44	12.8	3.3	0.2	0.1
144085	< 2	0.11	7.14	7.7	< 20	573	1.1	0.13	0.60	0.1	42.1	11.5	37	2.03	31.3	2.8	1.7	0.89	4.01	11.9	3.0	0.2	0.2
144086	2	0.24	6.85	13.6	< 20	613	1.0	0.49	0.97	0.1	39.2	8.4	40	1.97	135	4.6	2.5	1.47	3.15	11.8	5.4	0.3	0.6

Analyte Symbol	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.05	0.01	0.1	20	1	0.1	0.02	0.01	0.1	0.1	0.1	1	0.05	0.2	0.1	0.1	0.05	0.01	0.1	0.1	0.1	0.1
Method Code	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144087	< 2	1.36	7.01	232	< 20	541	1.2	0.68	0.64	0.4	35.3	21.9	55	2.96	108	2.5	1.6	0.75	5.08	13.5	2.6	0.3	1.5
144088	4	0.48	7.38	25.7	< 20	624	1.3	0.52	0.88	0.3	34.7	12.7	58	3.18	29.0	2.7	1.6	0.81	4.45	13.6	2.9	0.6	1.8
144089	4	0.31	6.66	13.5	< 20	571	0.9	0.36	0.98	0.3	32.3	10.8	43	2.43	26.1	2.4	1.5	0.78	3.52	11.8	2.6	0.5	1.6
144090	< 2	0.37	7.14	17.3	< 20	554	1.1	0.84	0.79	0.4	33.9	18.1	56	4.31	13.7	2.4	1.4	0.74	3.77	14.2	2.6	0.3	1.4
144091	36	0.62	7.86	12.9	< 20	585	1.3	0.27	0.62	0.2	32.9	14.3	51	3.13	33.3	2.5	1.6	0.74	4.33	14.8	2.5	0.2	1.3
144092	< 2	0.27	6.80	7.4	< 20	541	0.9	0.18	0.67	0.2	32.5	10.3	78	2.62	24.9	2.4	1.5	0.73	3.14	11.5	2.5	0.2	0.5
144093	< 2	0.19	6.84	13.2	< 20	583	0.9	0.41	0.94	0.2	45.5	12.3	39	2.41	38.1	2.6	1.5	0.80	3.48	11.6	2.9	0.2	0.1
144094	42	0.93	6.65	1070	40	519	1.4	2.70	0.44	0.5	51.9	55.2	70	8.36	62.3	2.6	1.5	0.76	7.27	15.7	3.6	0.3	< 0.1
144095	< 2	0.37	6.84	28.8	< 20	523	1.1	0.46	0.84	0.3	36.1	13.9	46	3.10	23.0	2.6	1.6	0.82	3.62	12.7	2.8	0.2	0.2
144096	< 2	0.36	7.30	9.6	< 20	583	1.1	0.61	0.83	0.3	34.0	11.0	44	2.65	12.4	2.7	1.6	0.81	3.36	14.2	2.8	0.4	1.2
144097	< 2	0.22	6.52	7.7	< 20	540	1.0	0.21	0.87	0.2	35.2	9.3	41	2.14	14.7	2.4	1.4	0.74	2.94	11.5	2.5	0.4	1.2
144098	2	0.37	7.56	19.5	< 20	632	1.1	0.49	0.91	0.2	36.4	12.4	46	3.47	48.9	3.4	2.0	1.18	4.28	14.3	4.1	0.6	1.6
144099	< 2	0.36	6.70	14.8	< 20	601	1.1	0.42	0.83	0.5	31.6	12.5	58	2.74	18.9	2.5	1.5	0.74	4.08	15.2	2.6	0.4	2.1
144100	< 2	0.31	7.05	8.8	< 20	671	1.1	0.20	0.80	0.5	33.2	13.9	49	2.71	23.2	2.8	1.7	0.84	3.93	13.6	3.0	0.4	1.7
144101	< 2	0.27	7.42	10.9	< 20	617	1.1	0.15	0.81	< 0.1	39.3	10.0	42	2.47	35.6	5.9	3.1	2.09	3.95	13.7	7.2	0.2	1.3
144102	3	0.15	7.15	9.2	< 20	628	1.0	0.15	0.86	< 0.1	37.5	10.6	40	1.86	50.6	4.1	2.2	1.34	3.89	12.7	4.7	0.2	0.4
144103	< 2	0.19	6.96	9.1	< 20	534	0.9	0.12	0.68	0.1	42.7	11.2	35	2.31	24.9	2.8	1.7	0.84	3.60	12.0	2.9	0.2	< 0.1
144104	< 2	0.11	7.37	9.1	< 20	562	1.0	0.13	0.93	< 0.1	40.5	13.3	44	2.62	28.5	3.1	1.8	0.91	4.34	13.7	3.2	0.2	< 0.1
144105	< 2	0.30	7.20	9.1	< 20	560	0.9	0.12	0.75	0.2	32.4	10.6	46	2.43	14.9	2.4	1.5	0.77	3.36	14.1	2.7	0.4	1.6
144106	< 2	0.28	7.54	12.6	< 20	567	1.0	0.23	0.98	0.2	46.0	13.6	52	3.43	21.9	3.2	1.9	1.07	3.48	14.6	3.6	0.3	1.4
144107	< 2	0.20	6.74	8.0	< 20	506	0.9	0.09	0.83	0.1	41.2	9.6	53	1.63	24.5	2.6	1.5	0.78	3.14	11.2	2.6	0.2	1.1
144108	3	0.21	8.59	123	< 20	654	1.2	1.03	0.99	< 0.1	41.9	16.5	54	4.63	53.6	4.9	2.7	1.74	6.58	17.9	5.9	0.4	1.2
144109	18	0.22	7.10	13.2	< 20	570	1.2	0.17	0.99	0.1	48.2	15.1	52	2.68	29.2	3.2	1.8	0.94	4.94	13.7	3.4	0.3	< 0.1
144110	< 2	0.15	7.04	9.7	< 20	510	1.0	0.14	0.69	0.1	38.9	10.5	33	2.10	29.7	2.6	1.5	0.78	3.53	12.2	2.7	0.2	< 0.1
144111	< 2	0.17	7.38	18.2	< 20	564	1.0	0.11	0.74	0.1	45.3	12.0	47	1.98	28.6	2.8	1.7	0.89	4.06	14.1	3.1	0.4	1.8
144112	< 2	0.14	7.56	6.6	< 20	576	0.9	0.12	0.98	< 0.1	35.7	7.9	41	2.79	35.7	3.4	1.9	1.05	3.47	14.5	3.8	0.4	1.7
144113	3	0.24	7.07	9.0	< 20	558	1.0	0.15	1.12	0.1	40.7	10.0	47	3.15	23.0	4.1	2.3	1.37	3.70	13.3	4.8	0.3	1.5
144114	< 2	0.15	7.31	13.3	< 20	602	0.9	0.14	0.79	0.1	45.6	11.3	37	1.98	35.0	3.8	2.2	1.36	4.25	13.8	4.5	0.2	0.9
144115	< 2	0.17	6.76	8.7	< 20	502	1.0	0.12	0.91	0.2	43.6	11.1	43	2.07	30.2	3.4	1.9	1.12	3.39	11.8	3.9	0.2	0.5
144116	< 2	0.20	7.64	12.1	< 20	612	1.0	0.13	0.71	0.3	36.2	12.9	35	2.11	26.0	2.8	1.6	0.84	4.18	14.6	2.9	0.3	0.1
144117	< 2	0.23	7.57	8.8	< 20	607	1.0	0.17	0.80	0.3	35.7	13.7	27	2.69	30.0	2.9	1.7	0.82	4.52	14.5	3.1	0.3	< 0.1
144118	< 2	0.30	7.50	14.6	< 20	602	1.1	0.20	0.81	0.4	37.6	13.6	44	2.61	21.4	2.8	1.7	0.86	4.26	15.1	3.2	0.3	< 0.1
144119	< 2	0.56	6.44	44.1	< 20	560	1.1	0.57	0.93	2.1	37.3	15.9	54	5.22	28.0	2.3	1.4	0.71	3.42	16.4	2.8	0.3	0.9
144120	< 2	0.16	7.52	17.9	< 20	555	1.0	0.14	0.86	0.1	36.5	12.2	51	2.12	28.7	2.9	1.7	0.91	4.22	14.4	3.2	0.5	1.5
144121	< 2	0.27	6.96	12.3	< 20	522	0.9	0.13	0.84	0.3	36.3	12.1	41	2.31	20.1	2.5	1.5	0.79	3.49	13.5	2.8	0.3	1.5
144122	< 2	0.31	6.89	9.0	< 20	564	1.0	0.13	0.92	0.4	36.7	10.3	42	2.22	23.2	2.6	1.5	0.82	3.28	12.7	2.9	0.2	1.3
144123	4	0.21	7.43	27.7	< 20	586	1.0	0.18	0.87	0.2	44.3	16.1	74	3.11	42.9	3.4	1.9	1.10	4.60	13.9	3.8	0.2	0.4
144124	< 2	0.14	7.54	12.8	< 20	588	1.0	0.15	0.83	0.1	44.6	10.9	37	2.12	30.2	3.6	2.0	1.11	4.19	14.2	4.2	0.2	0.4
144125	< 2	0.24	7.29	13.8	< 20	593	1.0	0.18	1.12	0.2	44.3	14.4	34	2.83	32.7	4.1	2.3	1.23	4.61	14.6	4.5	0.2	0.3
144126	< 2	0.15	7.29	11.8	< 20	589	0.9	0.14	0.85	0.2	31.8	9.4	36	2.23	22.1	3.2	1.9	0.95	4.09	13.8	3.4	0.2	< 0.1
144127	< 2	0.17	7.50	10.0	< 20	600	1.1	0.15	0.82	0.2	42.3	14.2	40	2.36	28.2	3.1	1.8	0.92	4.25	14.2	3.3	0.2	0.4
144128	< 2	0.13	7.43	10.0	< 20	596	1.0	0.09	0.70	< 0.1	40.1	10.5	34	1.75	23.6	2.6	1.5	0.78	3.61	13.1	2.7	0.2	1.1
144129	< 2	0.28	7.41	23.5	< 20	582	1.0	0.44	1.00	0.3	37.1	12.7	43	3.05	32.2	2.5	1.5	0.78	3.97	14.6	2.7	0.3	1.3
144130	< 2	0.21	7.39	12.4	< 20	518	1.0	0.13	0.69	0.2	33.7	12.7	46	2.31	31.0	2.5	1.5	0.82	3.93	13.8	2.8	0.4	1.8
144131	< 2	0.15	6.96	10.7	< 20	487	0.8	0.09	0.61	0.1	33.5	9.7	35	2.03	23.4	2.6	1.6	0.84	3.54	12.2	2.8	0.3	1.5
144132	< 2	0.27	7.35	14.8	< 20	537	1.0	0.16	0.68	0.2	34.1	11.6	46	2.40	49.5	2.6	1.5	0.77	3.58	13.9	2.6	0.3	1.3
144133	< 2	0.16	6.88	3.0	< 20	477	0.8	0.16	0.67	< 0.1	32.7	7.1	30	1.95	15.6	2.3	1.4	0.72	2.22	12.7	2.5	0.2	< 0.1
144134	< 2	0.29	7.19	10.3	< 20	551	1.0	0.22	0.84	0.1	35.9	11.5	37	2.61	22.9	2.6	1.6	0.79	3.45	14.1	2.9	0.2	< 0.1
144135	< 2	0.26	7.22	9.8	< 20	476	0.9	0.11	0.55	0.1	33.3	12.0	32	2.30	21.5	2.6	1.6	0.78	3.58	13.3	2.8	0.2	< 0.1
144136	< 2	0.35	7.63	13.4	< 20	556	1.0	0.17	0.68	0.2	36.8	12.1	41	2.57	26.8	2.5	1.5	0.81	3.64	14.2	2.8	0.3	1.2
144137	< 2	0.27	7.53	10.8	< 20	570	1.0	0.19	0.83	0.2	35.9	11.8	42	2.65	21.5	2.4	1.5	0.76	3.48	14.2	2.6	0.2	1.2

Analyte Symbol	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.05	0.01	0.1	20	1	0.1	0.02	0.01	0.1	0.1	0.1	1	0.05	0.2	0.1	0.1	0.05	0.01	0.1	0.1	0.1	0.1
Method Code	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144138	< 2	0.21	7.43	10.2	< 20	569	0.9	0.19	0.92	0.1	40.1	11.3	42	2.27	23.3	2.7	1.6	0.82	3.58	13.9	2.9	0.3	1.1
144139	2	0.20	7.78	10.9	< 20	577	1.1	0.18	0.78	0.3	36.1	13.1	42	2.38	30.5	2.6	1.6	0.76	3.85	14.5	2.7	0.2	0.7
144140	< 2	0.17	7.61	9.2	< 20	541	0.9	0.16	0.79	0.2	38.8	12.3	48	2.57	43.0	2.7	1.6	0.80	3.83	14.3	2.9	0.2	0.9
144141	3	0.11	7.00	9.7	< 20	510	0.9	0.15	0.99	< 0.1	43.0	12.4	32	2.66	37.8	3.8	2.0	1.14	3.42	12.8	4.5	0.2	< 0.1
144142	< 2	0.14	7.61	10.5	< 20	579	1.1	0.13	0.82	0.2	36.0	12.9	41	2.27	24.6	2.8	1.6	0.88	4.00	14.5	3.1	0.2	0.2
144143	2	0.23	7.36	9.6	< 20	559	1.0	0.17	0.91	0.1	40.1	12.6	41	2.47	26.3	3.0	1.7	0.93	3.24	13.5	3.5	0.3	1.3
144144	< 2	0.13	6.91	12.4	< 20	556	1.0	0.35	1.16	< 0.1	42.6	11.6	43	2.49	28.9	3.7	2.0	1.14	3.30	12.8	4.2	0.3	1.3
144145	2	0.24	7.50	11.9	< 20	555	1.0	0.20	0.78	< 0.1	30.0	9.8	38	1.97	26.6	3.1	1.7	0.99	3.51	14.2	3.6	0.4	1.2
144146	< 2	0.17	7.18	10.6	< 20	534	1.0	0.13	0.92	0.1	39.3	11.9	44	2.19	30.3	3.0	1.7	0.92	3.74	13.4	3.4	0.2	0.8
144147	< 2	0.18	7.39	9.9	< 20	565	0.9	0.13	0.80	< 0.1	36.4	10.2	45	1.87	21.3	2.9	1.7	0.90	3.57	14.1	3.2	0.2	0.7
144148	< 2	0.15	7.41	9.8	< 20	553	1.0	0.11	0.87	0.2	37.7	12.3	34	1.85	37.1	3.8	2.1	1.20	4.03	14.0	4.5	0.2	0.2
144149	< 2	0.11	7.63	12.5	< 20	563	1.0	0.14	0.94	0.2	44.0	13.2	43	2.11	41.0	3.6	2.0	1.13	4.45	14.9	4.2	0.3	0.3
144150	< 2	0.79	8.06	14.7	< 20	581	1.4	0.27	0.94	0.2	42.4	15.4	43	3.08	87.2	6.8	3.5	2.36	4.96	16.7	8.4	0.3	0.8
144151	5	0.21	7.67	18.6	< 20	575	1.0	0.13	0.83	0.1	38.7	11.6	44	2.16	45.0	3.7	2.1	1.19	4.20	14.7	4.3	0.3	1.1
144152	2	0.39	7.04	15.8	< 20	543	0.9	0.16	0.79	0.2	45.5	9.6	45	2.55	41.5	3.2	1.8	1.08	3.47	13.6	3.8	0.3	1.4
144153	< 2	0.23	7.39	11.0	< 20	581	0.9	0.11	0.76	0.2	35.3	11.2	38	1.99	22.5	2.8	1.6	0.87	3.70	13.6	3.0	0.3	1.2
144154	< 2	2.20	7.01	10.0	< 20	527	0.9	2.05	0.80	0.2	34.2	11.4	42	1.96	45.5	2.9	1.7	0.89	3.77	13.1	3.1	0.2	0.7
144155	< 2	0.49	7.51	14.5	< 20	551	1.2	0.18	0.99	0.6	42.8	16.1	39	2.44	54.6	3.8	2.1	1.22	4.56	14.3	4.3	0.2	1.2
144156	< 2	0.14	7.22	10.0	< 20	569	0.9	0.11	0.86	0.1	32.3	11.0	32	1.76	31.9	3.6	2.0	1.15	3.75	13.1	3.9	0.2	0.2
144157	2	0.22	7.47	10.2	< 20	565	0.9	0.14	0.98	< 0.1	38.3	11.0	39	1.86	33.9	3.5	2.0	1.07	3.99	13.7	4.0	0.2	0.1
144158	2	0.18	7.22	11.5	< 20	590	1.0	0.11	0.92	< 0.1	37.0	10.9	38	1.69	59.3	3.6	2.0	1.10	3.53	12.7	4.1	0.2	< 0.1
144159	173	0.13	6.62	8.6	< 20	552	1.0	0.15	0.80	0.1	39.5	11.6	41	2.16	32.3	3.2	1.8	0.98	4.28	12.8	3.6	0.2	0.4
144160	< 2	0.14	7.55	12.7	< 20	555	1.0	0.16	0.90	0.2	45.0	14.6	49	2.65	35.7	4.5	2.5	1.56	4.67	14.5	5.3	0.3	1.2
144161	< 2	0.19	7.51	18.0	< 20	603	1.1	0.17	0.93	0.2	48.4	15.1	47	2.52	35.0	3.4	1.9	1.09	5.00	14.4	3.8	0.5	1.7
144162	< 2	0.21	6.78	11.8	< 20	594	0.9	0.13	0.98	0.5	35.3	11.9	50	2.14	28.5	2.7	1.6	0.85	3.76	12.3	3.0	0.5	1.7
144163	4	0.35	7.53	146	< 20	493	1.0	1.20	1.34	0.1	36.8	12.9	38	5.38	22.7	2.8	1.5	1.01	4.88	15.0	3.5	0.4	0.8
144164	4	0.23	6.71	8.7	< 20	523	0.8	0.11	0.84	0.2	39.0	10.2	49	1.67	26.9	2.6	1.6	0.84	3.25	11.1	2.9	0.3	0.7
144165	< 2	0.21	7.60	15.0	< 20	550	1.1	0.22	0.84	0.2	54.9	14.8	38	2.98	32.8	3.3	1.9	1.10	4.73	14.5	3.9	0.2	0.2
144166	4	0.17	7.48	13.2	< 20	617	1.1	0.14	0.81	0.3	39.8	12.9	38	2.17	30.0	2.7	1.7	0.83	4.13	13.7	2.9	0.3	< 0.1
144167	< 2	0.25	6.68	8.0	< 20	506	0.8	0.12	0.67	0.3	37.1	11.8	27	2.41	28.3	2.7	1.6	0.82	3.24	12.0	2.9	0.3	< 0.1
144168	3	0.28	7.31	11.9	< 20	471	0.8	0.23	0.69	< 0.1	32.0	7.8	44	2.05	16.4	2.5	1.5	0.81	2.82	13.3	2.9	0.5	1.5
144169	< 2	0.15	6.88	14.9	< 20	507	0.9	0.19	0.93	0.1	39.5	10.2	54	2.09	20.0	2.4	1.4	0.73	3.34	12.7	2.6	0.4	1.3
144170	3	0.24	7.42	15.9	< 20	591	1.1	0.29	1.11	0.1	48.8	10.7	52	2.17	21.8	2.8	1.6	0.89	3.42	13.5	3.2	0.3	1.3
144171	< 2	0.25	7.15	10.6	< 20	518	0.9	0.13	0.73	0.3	32.6	11.3	52	2.59	22.8	2.3	1.4	0.70	3.42	13.9	2.5	0.2	1.5
144172	4	0.22	8.14	15.5	< 20	579	1.1	0.15	0.80	0.2	37.9	13.4	52	2.27	32.6	2.7	1.6	0.83	4.34	15.3	2.9	0.3	1.1
144173	< 2	0.26	7.35	10.1	< 20	509	1.0	0.13	0.69	0.2	40.2	11.9	41	2.24	23.8	2.6	1.5	0.76	3.48	13.3	2.8	0.2	< 0.1
144174	< 2	0.27	6.57	15.6	< 20	525	0.7	0.17	0.79	0.2	36.4	11.7	35	2.39	25.1	2.7	1.6	0.83	2.92	11.6	3.0	0.5	1.9
144175	< 2	0.19	6.46	9.2	< 20	544	0.9	0.17	0.91	0.1	37.9	9.4	52	2.35	23.0	3.0	1.7	0.96	2.73	11.3	3.5	0.5	1.6
144176	< 2	0.19	6.68	6.2	< 20	540	0.7	0.20	0.82	0.3	41.1	10.4	39	2.40	18.9	2.9	1.7	0.93	2.92	12.3	3.5	0.5	1.5
144177	< 2	0.18	6.67	7.2	< 20	566	0.8	0.17	0.89	0.3	38.4	11.0	40	2.68	24.1	3.0	1.7	0.95	3.09	12.0	3.4	0.4	1.4
144178	2	0.12	6.90	8.7	< 20	551	0.9	0.40	0.91	0.1	41.5	12.6	36	2.41	29.1	3.4	1.8	1.11	3.10	11.7	4.0	0.2	0.9
144179	2	0.82	7.07	21.9	< 20	539	0.9	0.17	0.81	0.2	35.8	11.6	38	2.20	34.2	2.7	1.6	0.84	3.64	13.0	3.0	0.2	0.1
144180	4	0.29	7.01	8.7	< 20	499	0.8	0.11	0.69	0.1	32.3	11.4	33	2.03	53.0	2.7	1.6	0.84	3.46	12.8	2.9	0.2	0.1
144181	11	0.35	7.57	7.8	< 20	545	0.9	0.12	0.79	0.1	39.7	10.3	37	2.12	17.0	3.5	2.0	1.15	3.72	13.6	4.1	0.2	1.0
144182	9	0.55	8.14	15.3	< 20	633	1.3	0.26	0.90	< 0.1	41.8	14.4	61	2.94	50.7	6.1	3.2	2.07	4.77	16.0	7.6	0.5	1.8
144183	2	0.26	6.56	8.7	< 20	498	0.7	0.23	1.04	0.2	41.8	11.6	37	2.48	20.8	3.1	1.7	1.00	3.04	11.7	3.6	0.4	1.4
144184	3	0.31	7.27	14.3	< 20	559	1.0	0.15	1.19	0.2	40.1	11.5	43	2.18	36.5	4.5	2.4	1.52	3.87	13.6	5.5	0.4	1.6
144185	6	0.31	7.27	14.6	< 20	550	1.1	0.22	1.16	0.4	37.2	12.3	50	2.39	48.2	4.2	2.3	1.34	3.90	13.7	5.0	0.3	1.4
144186	< 2	0.14	7.81	11.2	< 20	575	1.1	0.15	0.98	0.2	40.7	13.0	58	2.47	29.5	3.4	2.0	1.02	4.05	14.3	3.7	0.3	1.3
144187	7	0.19	7.69	10.8	< 20	591	1.1	0.11	0.85	0.2	45.3	12.5	40	1.99	38.3	3.1	1.8	0.96	4.34	13.9	3.4	0.3	0.2
144188	4	0.40	7.38	8.9	< 20	545	1.1	0.23	1.07	0.4	45.2	13.1	44	2.77	39.0	5.1	2.7	1.64	3.59	13.4	6.0	0.3	< 0.1

Analyte Symbol	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.05	0.01	0.1	20	1	0.1	0.02	0.01	0.1	0.1	0.1	1	0.05	0.2	0.1	0.1	0.05	0.01	0.1	0.1	0.1	0.1
Method Code	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144189	< 2	0.25	7.61	9.5	< 20	562	1.0	0.19	0.86	0.2	46.6	10.6	34	2.38	26.5	3.6	2.1	1.11	3.67	13.9	4.1	0.2	< 0.1
144190	< 2	0.31	7.48	6.5	< 20	519	0.8	0.14	0.75	< 0.1	33.5	8.5	38	2.09	13.0	3.0	1.7	0.95	3.04	12.9	3.3	0.2	1.4
144201	3	0.46	7.94	11.0	< 20	609	1.2	0.16	0.83	0.1	41.5	12.3	44	2.31	37.2	4.7	2.5	1.52	4.00	15.1	5.4	0.4	1.3
144202	< 2	0.22	8.00	22.4	< 20	594	1.1	0.18	1.00	0.2	53.9	15.3	50	2.40	37.2	3.6	2.0	1.12	4.99	15.3	4.0	0.7	1.8
144203	< 2	0.36	7.65	15.7	< 20	605	1.2	0.18	0.95	0.7	44.2	16.1	67	3.08	26.4	3.7	2.0	1.13	4.32	15.1	3.9	0.8	2.1
144204	< 2	0.20	6.92	12.0	< 20	503	0.9	0.14	0.96	0.2	36.4	9.9	43	1.97	23.4	3.0	1.7	0.96	3.09	11.7	3.4	0.4	1.2
144205	< 2	0.10	7.98	17.5	< 20	599	1.0	0.20	0.85	0.2	40.1	13.2	49	2.97	37.5	3.3	1.8	1.05	4.32	14.5	3.6	0.4	1.3
144206	< 2	0.15	7.37	11.2	< 20	527	1.0	0.17	0.91	0.1	41.4	11.8	41	2.08	38.1	3.4	1.9	1.08	3.60	12.7	3.8	0.3	0.2
144207	< 2	0.15	7.25	7.5	< 20	501	0.9	0.12	0.81	0.2	35.6	11.3	31	2.20	29.0	3.1	1.8	0.92	3.30	12.6	3.4	0.2	< 0.1
144208	< 2	0.19	7.76	12.0	< 20	555	1.0	0.14	0.85	0.1	33.8	11.6	33	2.15	30.3	3.5	2.0	1.08	3.67	14.9	3.8	0.2	< 0.1
144209	4	0.25	7.99	8.6	< 20	538	0.9	0.11	0.93	< 0.1	36.5	8.7	39	2.19	15.2	3.4	2.0	1.06	3.70	14.3	3.9	0.3	1.3
144210	< 2	0.15	7.71	6.0	< 20	555	0.8	0.10	0.82	< 0.1	29.3	7.3	38	1.99	12.0	2.7	1.7	0.84	3.27	13.8	2.8	0.3	1.1
144211	3	0.20	7.93	8.1	< 20	556	1.0	0.12	0.83	< 0.1	31.7	9.2	55	2.26	18.6	3.0	1.8	0.93	3.55	14.3	3.2	0.3	1.3
144212	< 2	0.19	7.78	6.5	< 20	561	0.9	0.10	0.73	< 0.1	28.6	8.8	40	1.85	16.9	2.5	1.6	0.77	3.50	14.1	2.6	0.2	1.0
144213	3	0.24	8.56	4.9	< 20	598	0.9	0.14	0.79	< 0.1	28.3	11.5	44	2.17	24.6	2.8	1.7	0.87	3.66	15.3	2.9	0.3	1.1
144214	3	0.23	8.31	8.6	< 20	603	0.9	0.15	0.76	0.2	34.2	13.1	48	2.75	30.8	2.9	1.8	0.91	4.33	15.8	3.1	0.2	0.5
144215	3	0.24	7.47	16.7	< 20	529	0.9	0.17	0.82	0.2	42.9	13.1	44	3.21	25.8	2.6	1.5	0.74	3.97	13.9	2.6	0.2	< 0.1
144216	2	0.17	6.98	8.1	< 20	522	0.8	0.16	1.02	0.1	39.0	12.2	47	2.89	31.0	3.5	2.0	1.14	3.23	12.2	4.2	0.2	0.1
144217	< 2	0.16	8.31	11.9	< 20	584	1.0	0.15	0.91	0.2	44.8	13.6	64	2.27	35.6	3.0	1.8	0.92	4.62	15.3	3.5	0.3	1.0

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr
Unit Symbol	ppb	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.1	0.1	0.01	0.1	0.5	0.1	0.01	1	0.05	0.01	0.1	0.1	0.5	0.5	0.1	0.2	0.001	0.1	0.1	0.1	1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GWJP001	70	2.7	3.8	0.23	141	9.0	0.9	1.49	3900	16.1	0.41	1.8	104	217	25.0	27.6	12.2	0.002	75.4	5.9	20.6	4	88.2
GWJP002	70	0.7	< 0.1	2.01	26.9	47.5	0.3	1.64	387	0.29	1.83	< 0.1	23.5	105	5.6	6.1	134	0.001	< 0.1	0.3	4.7	< 1	123
GWJP003	70	0.8	< 0.1	2.06	34.6	22.6	0.3	2.02	372	0.18	2.26	< 0.1	30.3	128	6.0	7.8	125	0.001	< 0.1	0.4	6.0	< 1	294
GWJP004	60	0.6	< 0.1	2.67	54.4	17.6	0.2	1.77	251	0.06	1.76	< 0.1	43.2	87.2	8.2	11.7	139	0.002	< 0.1	< 0.1	8.1	< 1	156
GWJP005	80	0.5	0.2	1.28	15.5	20.5	0.3	1.93	453	0.87	0.89	7.1	13.2	87.6	18.6	3.4	40.0	< 0.001	3.0	1.5	2.7	1	83.7
GWJP006	80	0.6	< 0.1	1.81	19.2	33.6	0.3	2.06	337	1.34	1.70	2.0	17.6	77.0	7.0	4.6	73.1	0.003	3.6	0.6	3.4	< 1	226
GWJP007	100	1.0	0.4	0.26	15.0	89.1	0.2	1.84	540	1.00	0.91	3.0	18.5	111	89.6	4.4	9.6	0.001	1.0	4.8	4.6	< 1	69.6
GWJP008	110	1.6	0.2	0.79	49.7	79.9	0.4	2.83	483	1.55	0.91	4.7	55.1	175	47.8	13.1	37.5	< 0.001	7.7	13.0	12.6	2	163
GWEK19 001	80	0.3	0.3	2.18	39.2	26.1	0.1	0.92	4360	1.26	0.05	2.2	23.1	80.2	7.3	6.5	120	0.003	6.5	0.5	4.3	5	14.4
GWEK19 002	70	0.6	0.2	1.26	92.7	19.8	0.2	1.30	1090	0.12	0.62	< 0.1	73.9	97.2	8.9	20.3	63.5	0.001	0.6	0.1	12.0	2	80.2
GWEK19 003	60	0.6	< 0.1	1.72	9.5	33.3	0.3	1.83	825	< 0.05	1.56	< 0.1	8.9	90.8	7.2	2.3	63.3	< 0.001	< 0.1	0.2	1.9	< 1	93.3
GWEK19 004	100	0.5	0.1	1.48	48.0	10.6	0.2	0.58	1960	0.52	0.12	< 0.1	42.0	95.5	9.4	11.1	63.9	0.002	3.2	0.2	7.2	2	31.6
GWEK19 005	90	0.7	< 0.1	0.27	13.8	29.2	0.2	1.42	783	< 0.05	2.01	< 0.1	15.8	19.3	10.2	3.7	6.8	< 0.001	< 0.1	< 0.1	3.5	< 1	664
GWEK19 006	80	0.5	< 0.1	1.80	23.3	31.4	0.3	1.60	345	0.67	1.84	0.1	18.8	13.3	6.1	4.9	74.7	0.001	0.3	0.5	3.8	< 1	145
GWEK19 007	60	0.5	< 0.1	1.37	10.0	28.7	0.2	1.32	323	< 0.05	1.74	< 0.1	11.4	101	7.0	2.7	53.5	< 0.001	< 0.1	< 0.1	2.3	< 1	137
GWEK19 008	90	0.7	< 0.1	2.25	27.9	30.7	0.3	1.83	697	0.17	2.09	< 0.1	23.9	26.1	19.9	6.2	108	< 0.001	0.1	0.1	4.8	< 1	164
GWEK19 009	70	1.3	0.3	1.19	15.6	34.8	0.4	1.94	246	10.4	0.71	4.1	18.7	406	17.5	4.3	48.2	0.005	7.2	17.9	4.7	1	112
144001	30	0.6	< 0.1	1.14	19.0	28.3	0.2	0.72	681	0.25	1.33	< 0.1	18.5	15.7	20.3	4.6	62.1	0.002	< 0.1	0.3	3.8	< 1	256
144002	50	0.5	< 0.1	1.11	16.9	25.7	0.2	0.64	632	0.10	1.96	< 0.1	15.6	18.8	16.8	3.9	53.4	0.001	< 0.1	< 0.1	3.1	< 1	273
144003	30	0.5	< 0.1	1.04	17.6	19.7	0.2	0.68	532	0.12	2.44	< 0.1	15.1	23.1	10.5	3.9	39.9	< 0.001	< 0.1	< 0.1	2.9	< 1	285
144004	40	0.5	< 0.1	1.04	14.1	35.4	0.2	0.75	503	0.49	1.80	< 0.1	13.8	33.1	13.7	3.5	58.2	0.001	< 0.1	0.3	2.9	< 1	250
144005	40	0.6	< 0.1	1.13	21.1	29.9	0.2	0.79	402	< 0.05	1.54	< 0.1	20.5	15.7	15.9	5.1	50.7	< 0.001	< 0.1	0.2	4.1	< 1	277
144006	70	0.5	< 0.1	0.75	19.0	30.1	0.2	0.69	333	0.09	1.29	< 0.1	18.1	14.1	23.9	4.5	33.9	0.003	< 0.1	0.3	3.7	< 1	254
144007	110	0.6	< 0.1	0.86	19.0	24.4	0.2	0.68	334	0.19	1.27	< 0.1	18.6	14.5	21.4	4.6	33.1	0.004	< 0.1	0.7	4.0	2	258
144008	110	0.6	< 0.1	0.87	16.8	31.4	0.2	0.79	489	0.54	1.17	< 0.1	18.0	20.6	20.7	4.3	37.5	0.007	0.4	0.5	3.9	1	238
144009	40	0.6	< 0.1	1.40	19.4	32.3	0.2	0.84	564	0.99	1.19	< 0.1	19.1	24.5	25.8	4.7	53.8	0.003	0.2	1.1	4.1	< 1	244
144010	30	0.7	< 0.1	1.19	21.8	30.4	0.2	0.79	615	0.07	1.31	< 0.1	21.0	18.5	17.7	5.1	43.8	0.001	< 0.1	0.3	4.3	< 1	247
144011	30	0.6	< 0.1	1.20	18.0	32.6	0.2	0.80	547	4.49	1.29	4.1	18.3	19.9	16.4	4.4	44.8	0.008	1.4	1.1	3.8	1	254
144012	50	0.6	< 0.1	1.00	16.6	27.8	0.2	0.77	471	0.48	1.45	< 0.1	17.4	19.3	14.5	4.2	40.3	0.007	0.1	0.3	3.8	< 1	279
144013	80	0.5	< 0.1	0.89	17.1	27.3	0.2	0.76	442	0.16	1.32	< 0.1	18.0	18.0	18.9	4.4	36.3	0.004	< 0.1	0.7	3.9	< 1	259
144014	90	0.6	< 0.1	0.92	18.0	25.3	0.2	0.73	457	1.89	1.19	0.4	18.7	20.2	18.3	4.6	37.7	0.013	1.8	1.8	4.1	< 1	245
144015	40	0.5	< 0.1	0.86	14.5	21.5	0.2	0.62	361	0.26	2.22	< 0.1	14.6	22.4	10.3	3.6	30.5	< 0.001	< 0.1	< 0.1	3.0	< 1	255
144016	40	0.5	< 0.1	1.10	16.3	16.8	0.2	0.67	480	0.12	2.41	< 0.1	15.5	20.9	9.9	3.9	37.1	0.001	< 0.1	0.1	3.1	< 1	279
144017	70	0.6	< 0.1	0.97	18.7	19.3	0.2	0.68	506	0.17	2.42	< 0.1	16.3	22.3	9.7	4.2	36.6	< 0.001	< 0.1	0.1	3.3	< 1	284
144018	80	0.5	< 0.1	0.95	20.6	16.1	0.2	0.68	425	< 0.05	2.53	< 0.1	15.6	21.6	9.2	4.2	33.5	< 0.001	< 0.1	< 0.1	3.1	< 1	292
144019	90	0.5	0.1	0.49	47.0	11.4	0.2	0.43	2210	0.90	0.66	< 0.1	31.6	20.0	29.1	8.9	18.4	< 0.001	< 0.1	< 0.1	5.3	< 1	116
144020	120	0.6	< 0.1	0.80	15.3	26.7	0.2	0.64	719	0.19	2.03	< 0.1	14.9	24.7	12.1	3.7	36.2	< 0.001	< 0.1	< 0.1	3.0	< 1	247
144021	100	0.6	< 0.1	0.87	14.9	20.4	0.2	0.64	415	< 0.05	2.25	< 0.1	14.6	22.5	11.3	3.7	34.0	< 0.001	< 0.1	< 0.1	2.9	< 1	269
144022	20	0.6	< 0.1	1.08	14.7	31.3	0.3	0.79	475	0.07	2.11	< 0.1	14.4	26.4	12.0	3.7	55.7	< 0.001	< 0.1	0.2	3.0	< 1	268
144023	20	0.5	< 0.1	1.18	17.2	27.1	0.2	0.60	978	0.10	2.23	0.2	15.1	20.8	11.7	3.9	69.8	< 0.001	< 0.1	< 0.1	2.9	< 1	273
144024	20	0.6	< 0.1	1.27	19.5	18.2	0.2	0.70	626	0.15	2.45	1.2	18.5	25.2	9.6	4.8	45.9	< 0.001	< 0.1	0.2	3.8	< 1	289
144025	10	0.5	0.1	1.15	16.2	22.0	0.2	0.68	1140	0.51	1.97	< 0.1	14.3	25.5	11.7	3.7	40.1	< 0.001	< 0.1	0.2	2.8	< 1	235
144026	50	0.5	< 0.1	0.82	14.9	19.6	0.2	0.63	433	< 0.05	2.34	< 0.1	14.1	23.2	11.4	3.6	32.8	< 0.001	< 0.1	< 0.1	2.8	< 1	266
144027	120	0.6	< 0.1	0.95	16.3	22.6	0.3	0.67	425	< 0.05	2.39	< 0.1	15.9	27.0	11.0	4.0	39.4	0.001	< 0.1	0.1	3.4	< 1	269
144028	90	0.6	< 0.1	0.93	16.7	20.1	0.2	0.63	456	< 0.05	2.42	< 0.1	15.6	22.5	9.3	3.9	38.1	< 0.001	< 0.1	0.1	3.1	< 1	282
144029	80	0.6	< 0.1	1.05	16.6	17.3	0.2	0.66	420	< 0.05	2.39	< 0.1	16.1	25.4	9.7	4.1	38.5	< 0.001	< 0.1	0.3	3.3	< 1	281
144030	110	0.6	< 0.1	1.04	24.0	19.0	0.2	0.73	479	< 0.05	2.31	< 0.1	19.1	38.3	14.7	5.1	36.0	0.001	< 0.1	0.1	3.7	< 1	274
144031	30	0.5	< 0.1	0.82	21.0	28.5	0.2	0.59	2320	1.47	1.44	0.4	19.8	46.0	10.9	5.1	47.6	0.001	0.4	0.2	3.9	< 1	171
144032	40	0.6	< 0.1	1.10	18.3	19.4	0.2	0.73	444	0.08	2.29	< 0.1	16.7	25.1	17.2	4.3	39.5	< 0.001	< 0.1	0.4	3.5	< 1	259
144033	20	0.4	< 0.1	0.85	15.7	32.8	0.2	0.41	641	1.65	1.59	2.5	13.8	20.4	14.0	3.6	35.4	< 0.001	< 0.1	< 0.1	2.7	1	183
144034	20	0.4	0.5	0.73	75.4	22.1	0.2	0.45	964	4.28	0.84	8.4	47.8	41.3	15.4	13.9	28.5	< 0.001	2.2	0.7	8.0	5	116

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr
Unit Symbol	ppb	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.1	0.1	0.01	0.1	0.5	0.1	0.01	1	0.05	0.01	0.1	0.1	0.5	0.5	0.1	0.2	0.001	0.1	0.1	0.1	1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144035	50	0.5	< 0.1	0.95	16.9	25.4	0.2	0.62	452	0.12	2.36	< 0.1	15.7	26.7	10.8	4.0	41.0	0.001	< 0.1	< 0.1	3.1	< 1	258
144036	60	0.5	< 0.1	0.77	14.2	25.0	0.2	0.67	426	< 0.05	2.05	< 0.1	13.8	26.9	11.3	3.6	31.6	< 0.001	< 0.1	< 0.1	2.8	< 1	251
144037	70	0.5	< 0.1	0.65	14.1	23.7	0.2	0.65	321	< 0.05	2.08	< 0.1	12.9	27.0	9.8	3.3	28.3	0.003	< 0.1	< 0.1	2.5	< 1	246
144038	90	0.6	< 0.1	0.82	18.4	20.3	0.2	0.68	491	< 0.05	2.34	< 0.1	17.1	19.0	9.7	4.4	35.3	< 0.001	< 0.1	< 0.1	3.5	< 1	277
144039	150	0.5	< 0.1	0.89	15.7	16.4	0.2	0.66	466	1.17	2.38	< 0.1	14.7	21.4	10.1	3.8	32.8	0.001	< 0.1	< 0.1	3.0	< 1	275
144040	40	0.5	< 0.1	1.10	14.1	25.0	0.2	0.75	542	0.25	2.16	< 0.1	13.3	26.5	10.3	3.5	42.3	< 0.001	< 0.1	0.3	2.7	< 1	259
144041	20	0.6	< 0.1	1.40	18.4	22.0	0.2	0.78	992	1.45	2.34	0.1	17.0	26.8	9.8	4.3	51.9	0.001	< 0.1	< 0.1	3.4	< 1	276
144042	50	0.6	< 0.1	0.92	15.8	24.1	0.2	0.72	556	0.13	2.20	< 0.1	15.4	26.1	12.6	3.9	32.0	0.001	< 0.1	< 0.1	3.1	< 1	287
144043	70	0.6	< 0.1	0.89	17.5	25.5	0.2	0.79	626	< 0.05	2.08	< 0.1	16.5	26.9	13.9	4.1	30.4	0.002	< 0.1	< 0.1	3.4	< 1	269
144044	50	0.5	< 0.1	0.83	14.8	23.5	0.2	0.62	451	0.07	2.10	< 0.1	14.6	27.8	11.0	3.7	29.9	< 0.001	< 0.1	< 0.1	2.9	< 1	250
144045	70	0.6	< 0.1	0.79	16.6	19.6	0.2	0.66	432	0.06	2.31	< 0.1	16.6	20.6	11.7	4.2	27.6	< 0.001	< 0.1	< 0.1	3.4	< 1	277
144046	90	0.6	< 0.1	0.82	15.7	25.0	0.2	0.64	614	< 0.05	2.02	< 0.1	15.4	21.5	12.8	3.8	34.1	< 0.001	< 0.1	< 0.1	3.2	< 1	253
144047	20	0.5	< 0.1	1.05	16.8	24.9	0.2	0.78	771	0.88	1.87	1.2	16.2	37.4	12.7	4.2	49.5	0.001	0.2	0.5	3.2	< 1	243
144048	20	0.5	< 0.1	1.09	18.8	31.0	0.2	0.52	1900	0.93	1.97	< 0.1	16.3	13.3	11.9	4.3	57.7	< 0.001	< 0.1	< 0.1	3.2	< 1	246
144049	50	0.5	0.2	0.81	32.0	45.3	0.2	0.60	1580	0.57	1.45	< 0.1	25.8	60.8	49.5	6.8	37.0	< 0.001	0.2	0.7	4.9	< 1	162
144050	70	0.5	< 0.1	0.94	23.2	26.3	0.2	0.46	364	0.07	1.89	< 0.1	19.8	17.7	14.1	5.1	37.2	< 0.001	< 0.1	< 0.1	3.8	< 1	215
144051	70	0.7	< 0.1	1.06	36.8	34.1	0.3	0.76	1340	0.42	1.57	< 0.1	31.7	66.4	18.5	8.4	60.2	< 0.001	0.3	0.7	6.3	< 1	200
144052	110	0.5	< 0.1	0.82	18.2	28.2	0.2	0.66	999	0.16	1.84	< 0.1	16.2	46.4	22.2	4.3	36.2	0.002	< 0.1	0.1	3.2	< 1	217
144053	90	0.6	< 0.1	0.90	18.4	24.3	0.3	0.77	405	< 0.05	2.15	< 0.1	17.0	35.3	12.5	4.4	39.0	< 0.001	< 0.1	< 0.1	3.3	< 1	235
144054	20	0.5	< 0.1	0.89	17.0	28.9	0.2	0.52	1400	1.02	1.85	2.0	15.9	43.8	17.2	4.1	50.2	< 0.001	0.4	0.2	3.1	< 1	254
144055	20	0.5	< 0.1	1.02	19.9	25.1	0.2	0.70	705	0.18	2.07	< 0.1	18.6	46.4	15.6	4.7	47.8	< 0.001	< 0.1	0.2	3.6	< 1	230
144056	30	0.5	< 0.1	1.06	17.8	24.2	0.2	0.75	514	0.08	2.12	< 0.1	16.8	44.8	12.3	4.3	47.8	< 0.001	< 0.1	< 0.1	3.3	< 1	239
144057	40	0.5	< 0.1	0.82	14.4	24.3	0.2	0.60	690	0.06	2.07	< 0.1	14.3	26.6	11.6	3.6	31.9	< 0.001	< 0.1	0.2	2.9	< 1	256
144058	40	0.5	< 0.1	0.76	15.3	25.7	0.3	0.63	516	< 0.05	2.12	< 0.1	14.8	36.7	12.5	3.8	31.4	0.001	< 0.1	0.2	2.9	< 1	251
144059	50	0.6	< 0.1	1.09	18.0	23.1	0.2	0.72	614	< 0.05	2.12	< 0.1	17.3	53.7	21.9	4.4	49.2	0.001	< 0.1	< 0.1	3.4	< 1	251
144060	90	0.5	< 0.1	0.80	17.8	25.5	0.2	0.63	576	0.95	1.83	< 0.1	17.2	51.0	20.2	4.4	38.9	0.001	< 0.1	0.1	3.4	< 1	208
144061	120	0.6	< 0.1	0.86	16.1	26.7	0.2	0.69	550	0.20	1.85	< 0.1	16.0	25.7	13.5	4.0	33.2	0.002	< 0.1	< 0.1	3.2	< 1	258
144062	90	0.5	< 0.1	0.81	14.5	18.9	0.2	0.64	462	< 0.05	2.22	< 0.1	14.7	21.4	10.5	3.7	29.4	< 0.001	< 0.1	< 0.1	3.0	< 1	266
144063	40	0.6	< 0.1	1.04	14.8	21.5	0.2	0.62	350	< 0.05	2.32	< 0.1	15.3	22.0	10.0	3.8	36.5	0.001	< 0.1	0.2	3.1	< 1	258
144064	20	0.6	< 0.1	1.05	18.8	48.3	0.2	0.70	595	0.67	1.91	0.8	18.3	40.0	12.0	4.7	44.9	< 0.001	< 0.1	0.2	3.8	< 1	241
144065	30	0.5	< 0.1	0.82	14.4	28.2	0.2	0.47	444	0.12	1.93	0.1	13.9	21.2	11.5	3.6	43.4	< 0.001	< 0.1	0.1	2.6	< 1	220
144066	30	0.5	< 0.1	0.83	13.9	22.5	0.2	0.69	412	< 0.05	2.12	< 0.1	13.3	27.6	10.7	3.4	35.7	0.001	< 0.1	< 0.1	2.6	< 1	244
144067	40	0.5	< 0.1	0.76	16.9	28.7	0.2	0.67	498	0.08	2.02	< 0.1	15.6	42.5	15.2	4.1	36.0	< 0.001	< 0.1	< 0.1	3.0	< 1	235
144068	60	0.5	< 0.1	0.72	15.9	29.7	0.2	0.55	508	< 0.05	2.03	< 0.1	14.7	42.9	14.9	3.8	35.7	< 0.001	< 0.1	< 0.1	2.9	< 1	226
144069	120	0.5	< 0.1	0.68	16.4	27.9	0.2	0.72	606	< 0.05	1.78	< 0.1	15.1	56.9	14.0	4.0	36.6	0.001	0.1	< 0.1	2.9	< 1	208
144070	50	0.5	< 0.1	0.86	16.6	18.3	0.2	0.70	428	< 0.05	2.21	< 0.1	15.2	33.2	10.5	3.9	31.9	< 0.001	< 0.1	< 0.1	3.0	< 1	261
144071	120	0.6	< 0.1	0.92	19.3	17.5	0.2	0.75	537	< 0.05	2.23	< 0.1	17.4	29.8	11.6	4.4	33.3	< 0.001	< 0.1	0.2	3.5	< 1	263
144072	20	0.5	< 0.1	0.89	13.9	28.4	0.2	0.63	428	0.13	2.14	< 0.1	13.7	27.7	10.3	3.5	35.1	< 0.001	< 0.1	< 0.1	2.7	< 1	237
144073	30	0.6	< 0.1	0.96	17.0	22.7	0.2	0.64	481	0.98	2.13	< 0.1	15.6	24.5	9.6	4.0	37.1	< 0.001	< 0.1	< 0.1	3.2	< 1	244
144074	50	0.4	< 0.1	0.71	14.0	25.2	0.2	0.45	282	< 0.05	2.23	< 0.1	13.0	17.3	7.9	3.4	36.9	< 0.001	< 0.1	0.1	2.4	< 1	236
144075	60	0.5	< 0.1	0.92	20.2	27.5	0.2	0.73	460	0.07	1.97	< 0.1	17.9	32.4	9.6	4.7	37.8	< 0.001	< 0.1	0.2	3.4	< 1	223
144076	120	0.5	0.1	0.80	19.8	28.2	0.2	0.50	480	< 0.05	1.76	< 0.1	15.6	70.2	15.6	4.2	31.8	< 0.001	< 0.1	0.4	3.0	< 1	192
144077	90	0.5	0.3	0.71	15.5	36.2	0.2	0.53	1040	0.90	1.46	< 0.1	14.1	155	59.7	3.7	39.6	0.001	0.4	0.7	2.7	< 1	196
144078	100	0.8	< 0.1	0.82	25.8	51.1	0.3	0.68	562	0.74	1.98	< 0.1	25.5	90.5	11.5	6.4	39.1	< 0.001	< 0.1	0.1	5.0	< 1	243
144079	40	0.6	< 0.1	1.16	13.9	44.2	0.3	0.98	527	0.35	1.74	0.8	14.2	33.9	10.0	3.5	72.4	0.001	< 0.1	1.0	3.0	< 1	254
144080	40	0.5	< 0.1	0.97	14.8	29.9	0.2	0.68	770	1.24	1.83	6.3	15.1	26.6	14.6	3.9	34.7	0.001	0.9	0.2	3.1	1	254
144081	30	0.5	< 0.1	0.94	13.8	24.9	0.2	0.65	608	0.20	2.00	< 0.1	13.9	25.3	12.6	3.5	34.6	< 0.001	< 0.1	< 0.1	2.8	< 1	247
144082	50	0.6	< 0.1	0.90	19.0	24.1	0.3	0.67	548	0.09	2.02	< 0.1	17.2	23.9	12.7	4.4	30.0	0.001	< 0.1	< 0.1	3.5	< 1	280
144084	90	0.7	< 0.1	0.87	19.3	27.0	0.3	0.71	561	< 0.05	1.91	< 0.1	17.3	26.6	14.3	4.4	32.9	< 0.001	< 0.1	< 0.1	0.1	3.6	< 1	266
144085	80	0.6	< 0.1	0.85	15.4	24.7	0.3	0.64	454	< 0.05	1.97	< 0.1	15.7	23.2	14.0	4.0	30.9	< 0.001	< 0.1	< 0.1	3.2	< 1	275
144086	160	0.9	< 0.1	0.85	23.3	25.1	0.3	0.70	352	< 0.05	2.16	< 0.1	24.7	27.2	10.0	6.0	32.0	0.001	< 0.1	0.2	5.3	< 1	274

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr
Unit Symbol	ppb	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.1	0.1	0.01	0.1	0.5	0.1	0.01	1	0.05	0.01	0.1	0.1	0.5	0.5	0.1	0.2	0.001	0.1	0.1	0.1	1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144087	40	0.5	0.2	0.92	15.0	25.4	0.2	0.57	434	0.21	1.91	< 0.1	14.1	61.7	13.2	3.7	38.4	< 0.001	< 0.1	0.3	2.9	< 1	213
144088	10	0.6	< 0.1	1.12	16.4	26.5	0.2	0.70	617	0.65	2.06	0.3	15.8	35.6	13.4	4.1	41.9	< 0.001	< 0.1	< 0.1	3.2	< 1	243
144089	30	0.5	< 0.1	1.08	15.0	21.0	0.2	0.67	862	0.35	2.14	0.8	14.5	22.7	10.6	3.8	37.1	0.001	< 0.1	< 0.1	2.9	< 1	257
144090	20	0.5	< 0.1	1.04	16.5	33.4	0.2	0.65	516	0.97	2.00	< 0.1	15.4	48.0	12.9	4.0	48.4	< 0.001	< 0.1	< 0.1	3.0	< 1	238
144091	50	0.5	< 0.1	0.86	16.2	31.3	0.3	0.64	374	0.09	1.97	< 0.1	14.5	48.7	12.0	3.8	39.1	< 0.001	< 0.1	< 0.1	2.8	< 1	231
144092	50	0.5	< 0.1	0.78	15.1	24.8	0.2	0.60	418	< 0.05	2.03	< 0.1	14.4	25.7	10.2	3.8	32.2	0.001	< 0.1	< 0.1	2.7	< 1	241
144093	90	0.5	< 0.1	0.88	18.7	22.2	0.2	0.73	533	< 0.05	2.11	< 0.1	16.4	28.4	11.7	4.3	32.5	0.002	< 0.1	0.2	3.2	< 1	259
144094	130	0.5	< 0.1	0.76	26.5	61.1	0.2	0.58	837	1.38	1.28	< 0.1	21.5	94.7	23.5	5.7	41.5	0.001	0.2	0.5	4.1	< 1	147
144095	110	0.5	< 0.1	0.87	16.7	28.2	0.2	0.59	657	< 0.05	2.08	< 0.1	15.8	44.4	10.4	4.0	40.7	0.003	< 0.1	< 0.1	3.1	< 1	241
144096	40	0.5	< 0.1	1.03	15.7	29.2	0.2	0.56	354	0.15	2.11	< 0.1	15.1	24.7	10.8	3.9	39.1	< 0.001	0.1	0.1	3.0	< 1	241
144097	50	0.5	< 0.1	1.00	15.2	21.4	0.2	0.61	491	0.18	2.13	< 0.1	14.5	23.5	10.6	3.8	36.2	0.001	< 0.1	0.1	2.8	< 1	238
144098	30	0.7	< 0.1	1.18	17.0	34.4	0.3	0.79	807	0.32	1.87	0.6	19.0	29.9	12.4	4.5	45.8	< 0.001	< 0.1	0.6	4.1	< 1	257
144099	30	0.5	< 0.1	1.02	15.9	31.1	0.2	0.59	740	0.94	1.99	2.2	13.8	24.6	11.8	3.6	35.3	0.001	< 0.1	< 0.1	2.8	< 1	237
144100	50	0.6	< 0.1	0.95	15.4	27.7	0.2	0.66	1000	0.16	2.11	< 0.1	15.6	33.2	11.8	3.9	35.5	< 0.001	< 0.1	< 0.1	3.1	< 1	245
144101	80	1.1	< 0.1	0.76	25.9	32.8	0.4	0.67	416	< 0.05	1.89	< 0.1	31.4	24.6	11.7	7.3	26.2	0.001	< 0.1	0.6	7.2	< 1	281
144102	100	0.8	< 0.1	1.01	18.6	25.7	0.3	0.67	517	< 0.05	2.01	< 0.1	21.6	24.1	9.6	5.1	31.3	< 0.001	< 0.1	0.2	4.8	< 1	292
144103	110	0.6	< 0.1	0.71	15.0	24.4	0.2	0.66	426	< 0.05	2.03	< 0.1	15.1	24.9	11.1	3.9	30.9	< 0.001	< 0.1	< 0.1	3.1	< 1	252
144104	90	0.6	< 0.1	0.81	16.6	25.4	0.3	0.80	556	< 0.05	1.91	< 0.1	16.4	26.6	10.1	4.2	29.4	0.003	< 0.1	< 0.1	3.3	< 1	266
144105	20	0.5	< 0.1	0.99	14.9	25.8	0.2	0.68	650	0.28	2.12	< 0.1	14.2	23.0	9.1	3.6	37.6	< 0.001	< 0.1	< 0.1	2.8	< 1	252
144106	30	0.7	< 0.1	1.10	17.3	32.0	0.3	0.71	696	0.28	1.94	0.1	18.3	25.7	11.0	4.5	47.0	< 0.001	< 0.1	< 0.1	3.8	< 1	268
144107	50	0.5	< 0.1	0.84	14.0	19.3	0.2	0.64	477	0.06	2.46	< 0.1	14.2	25.5	8.8	3.6	28.9	< 0.001	< 0.1	0.1	2.8	< 1	269
144108	80	1.0	< 0.1	1.17	21.5	31.6	0.4	1.00	821	8.18	1.56	< 0.1	26.4	31.6	20.3	6.1	47.4	0.001	0.6	0.8	5.8	< 1	264
144109	70	0.6	< 0.1	1.03	16.3	26.1	0.3	0.78	679	0.15	1.93	< 0.1	16.5	25.3	14.2	4.2	35.1	0.002	< 0.1	< 0.1	3.5	< 1	270
144110	90	0.5	< 0.1	0.75	13.7	23.0	0.2	0.68	462	< 0.05	2.12	< 0.1	13.7	23.2	9.5	3.5	25.6	0.002	< 0.1	< 0.1	2.7	< 1	256
144111	30	0.6	< 0.1	1.09	14.7	23.5	0.2	0.72	641	0.40	2.03	0.2	15.0	25.5	10.8	3.8	34.0	< 0.001	< 0.1	0.3	3.0	< 1	262
144112	40	0.7	< 0.1	1.16	16.7	27.7	0.3	0.85	462	0.19	2.04	0.3	18.5	24.2	7.3	4.5	40.0	0.003	< 0.1	0.2	4.0	< 1	278
144113	40	0.8	< 0.1	0.98	20.0	26.6	0.3	0.77	671	0.15	2.07	< 0.1	22.1	23.1	9.6	5.3	35.0	0.001	< 0.1	0.1	4.7	< 1	298
144114	60	0.8	< 0.1	0.94	20.2	30.0	0.3	0.68	627	0.06	2.02	< 0.1	23.2	23.5	11.5	5.5	30.0	0.002	< 0.1	0.3	4.9	< 1	279
144115	60	0.7	< 0.1	0.84	19.1	21.2	0.3	0.68	597	< 0.05	2.22	< 0.1	20.4	23.1	10.5	5.0	29.2	0.001	< 0.1	0.1	4.1	< 1	271
144116	130	0.5	< 0.1	0.95	15.6	25.4	0.2	0.68	564	0.10	2.05	< 0.1	14.9	29.4	11.5	3.8	33.0	0.001	< 0.1	0.5	3.0	< 1	267
144117	90	0.6	< 0.1	0.86	15.1	28.2	0.2	0.75	536	0.51	1.98	< 0.1	15.2	29.9	12.2	3.8	32.5	< 0.001	< 0.1	< 0.1	3.1	< 1	245
144118	80	0.6	< 0.1	1.11	18.1	27.2	0.2	0.66	573	0.10	2.12	< 0.1	16.3	33.9	11.0	4.2	44.2	< 0.001	< 0.1	0.2	3.3	< 1	252
144119	30	0.5	< 0.1	0.91	17.5	43.2	0.2	0.56	2170	1.03	1.64	< 0.1	17.2	64.7	20.6	4.4	54.6	0.001	0.1	< 0.1	3.3	< 1	200
144120	30	0.6	< 0.1	1.13	15.2	24.7	0.2	0.81	667	0.28	2.13	0.3	16.2	25.2	10.3	4.0	38.8	< 0.001	< 0.1	0.2	3.3	< 1	270
144121	30	0.5	< 0.1	0.89	16.8	25.0	0.2	0.64	625	0.06	2.13	< 0.1	15.2	28.7	9.8	3.9	36.5	< 0.001	< 0.1	< 0.1	3.0	< 1	265
144122	50	0.5	< 0.1	0.91	16.0	23.5	0.2	0.65	675	< 0.05	2.26	< 0.1	15.3	28.6	9.8	4.0	36.1	0.001	< 0.1	0.2	3.0	< 1	258
144123	70	0.7	< 0.1	1.03	19.1	32.1	0.3	0.81	667	< 0.05	1.95	< 0.1	18.8	36.0	12.3	4.8	37.5	< 0.001	< 0.1	0.1	3.9	< 1	265
144124	100	0.7	< 0.1	0.90	20.9	27.6	0.3	0.71	590	< 0.05	2.07	< 0.1	19.8	23.4	11.0	5.0	31.4	0.002	< 0.1	0.2	4.0	< 1	283
144125	70	0.8	< 0.1	0.92	17.9	33.8	0.3	0.91	799	< 0.05	1.91	< 0.1	20.5	26.8	11.8	5.0	38.1	< 0.001	< 0.1	0.4	4.6	< 1	268
144126	90	0.7	< 0.1	0.89	14.7	26.4	0.3	0.69	618	< 0.05	2.00	< 0.1	15.3	20.3	10.7	3.8	29.9	0.001	< 0.1	0.5	3.3	< 1	280
144127	60	0.6	< 0.1	1.09	15.3	27.0	0.3	0.74	690	< 0.05	2.06	< 0.1	16.3	26.5	12.4	4.1	37.3	0.001	< 0.1	0.2	3.4	< 1	266
144128	20	0.5	< 0.1	1.09	13.9	23.4	0.2	0.70	558	< 0.05	2.16	< 0.1	13.9	21.8	9.7	3.5	33.6	0.001	< 0.1	< 0.1	2.8	< 1	275
144129	20	0.5	< 0.1	1.18	16.4	26.4	0.2	0.68	643	0.06	2.14	< 0.1	15.1	24.2	11.2	3.9	43.1	0.003	< 0.1	0.2	2.8	< 1	260
144130	20	0.5	< 0.1	0.95	14.6	27.0	0.2	0.68	592	0.32	2.15	0.2	14.6	23.8	10.4	3.7	34.7	0.001	0.1	< 0.1	3.0	< 1	245
144131	30	0.5	< 0.1	0.82	14.9	23.9	0.2	0.63	420	< 0.05	2.18	< 0.1	15.3	19.6	10.1	3.8	30.5	< 0.001	< 0.1	0.2	3.0	< 1	251
144132	40	0.5	< 0.1	0.91	15.3	27.3	0.2	0.64	470	< 0.05	2.21	< 0.1	14.9	26.3	9.8	3.8	40.3	0.002	< 0.1	0.1	2.9	< 1	242
144133	70	0.5	< 0.1	0.75	16.1	25.7	0.2	0.53	263	< 0.05	2.32	< 0.1	14.8	16.2	9.0	3.8	31.1	< 0.001	< 0.1	< 0.1	2.8	< 1	256
144134	100	0.5	< 0.1	0.80	15.5	24.9	0.2	0.66	505	< 0.05	2.02	< 0.1	14.8	24.8	10.6	3.8	33.7	0.002	< 0.1	< 0.1	3.0	< 1	237
144135	80	0.5	< 0.1	0.76	14.7	24.8	0.2	0.68	425	< 0.05	1.99	< 0.1	14.3	25.4	9.5	3.6	32.2	< 0.001	< 0.1	< 0.1	2.9	< 1	221
144136	50	0.5	< 0.1	0.94	15.6	26.7	0.2	0.76	536	0.16	2.09	< 0.1	15.5	28.8	9.8	3.9	39.6	< 0.001	< 0.1	< 0.1	3.0	< 1	231
144137	20	0.5	< 0.1	0.96	15.7	25.5	0.2	0.78	522	0.10	2.12	< 0.1	15.1	28.8	9.4	3.8	39.5	< 0.001	< 0.1	0.4	2.9	< 1	241

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr
Unit Symbol	ppb	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.1	0.1	0.01	0.1	0.5	0.1	0.01	1	0.05	0.01	0.1	0.1	0.5	0.5	0.1	0.2	0.001	0.1	0.1	0.1	1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144138	40	0.5	< 0.1	1.13	16.3	23.1	0.2	0.79	542	0.06	2.23	< 0.1	15.9	26.6	10.1	4.0	39.2	< 0.001	< 0.1	< 0.1	3.2	< 1	263
144139	70	0.5	< 0.1	0.90	16.3	27.2	0.2	0.74	672	0.07	2.12	< 0.1	14.3	28.9	10.8	3.7	34.5	0.001	< 0.1	0.3	2.9	< 1	254
144140	70	0.6	< 0.1	1.05	19.5	27.5	0.2	0.86	611	< 0.05	2.13	< 0.1	15.7	26.8	10.3	4.1	37.3	< 0.001	< 0.1	0.3	3.1	< 1	251
144141	230	0.7	< 0.1	0.81	22.0	20.1	0.3	0.85	590	< 0.05	2.11	< 0.1	21.5	23.2	10.8	5.4	29.3	< 0.001	< 0.1	< 0.1	4.5	< 1	253
144142	90	0.6	< 0.1	0.89	14.8	25.5	0.2	0.78	600	< 0.05	2.08	< 0.1	15.4	29.7	11.7	3.9	32.8	0.001	< 0.1	0.2	3.2	< 1	253
144143	30	0.6	< 0.1	1.10	19.0	24.0	0.2	0.76	651	1.11	2.20	< 0.1	17.8	25.1	9.2	4.5	38.3	< 0.001	< 0.1	0.1	3.6	< 1	263
144144	30	0.7	< 0.1	1.15	20.4	20.2	0.3	0.80	699	0.15	2.20	< 0.1	20.8	23.9	10.9	5.2	39.6	< 0.001	< 0.1	0.2	4.4	< 1	272
144145	50	0.6	< 0.1	1.04	15.0	24.7	0.2	0.80	587	0.19	2.14	< 0.1	16.4	23.0	9.9	4.0	33.9	0.001	< 0.1	0.4	3.5	< 1	269
144146	40	0.6	< 0.1	1.00	15.7	23.1	0.3	0.73	595	< 0.05	2.09	< 0.1	16.4	24.8	10.6	4.1	36.9	0.001	< 0.1	< 0.1	3.5	< 1	264
144147	80	0.6	< 0.1	0.98	16.8	27.4	0.3	0.68	360	< 0.05	2.13	< 0.1	16.0	21.7	9.9	4.0	33.6	0.001	< 0.1	< 0.1	3.3	< 1	280
144148	90	0.8	< 0.1	1.09	16.9	24.0	0.3	0.82	708	< 0.05	2.09	< 0.1	19.4	23.9	12.1	4.7	32.5	0.001	< 0.1	< 0.1	4.4	< 1	277
144149	130	0.7	< 0.1	1.14	17.7	24.6	0.3	0.84	690	< 0.05	2.12	< 0.1	20.1	24.9	12.5	4.9	34.8	< 0.001	< 0.1	< 0.1	4.3	< 1	285
144150	70	1.3	< 0.1	1.10	29.9	50.2	0.4	0.83	954	0.13	1.79	< 0.1	35.2	41.1	13.1	8.1	43.0	0.002	< 0.1	0.7	8.2	< 1	248
144151	30	0.7	< 0.1	1.16	19.7	28.3	0.3	0.76	667	0.13	2.11	< 0.1	20.7	26.3	11.2	5.1	39.6	0.002	< 0.1	0.2	4.4	< 1	283
144152	30	0.7	< 0.1	1.05	24.2	29.9	0.3	0.61	549	1.40	2.02	< 0.1	20.1	27.0	10.4	5.2	46.1	0.001	< 0.1	< 0.1	3.9	< 1	254
144153	30	0.6	< 0.1	1.07	14.3	26.2	0.2	0.71	612	0.05	2.08	< 0.1	15.6	24.5	10.5	3.8	39.3	< 0.001	< 0.1	< 0.1	3.2	< 1	269
144154	70	0.6	< 0.1	0.92	14.4	24.8	0.3	0.66	639	< 0.05	1.98	< 0.1	15.9	22.5	11.1	3.9	35.6	0.002	< 0.1	0.1	3.3	< 1	265
144155	60	0.8	< 0.1	0.88	17.6	26.5	0.3	0.72	863	0.06	1.80	< 0.1	20.0	29.0	14.0	4.8	31.6	< 0.001	< 0.1	0.4	4.6	< 1	275
144156	70	0.7	< 0.1	0.85	15.2	23.0	0.3	0.72	551	< 0.05	2.03	< 0.1	18.0	20.6	11.0	4.3	26.8	0.001	< 0.1	< 0.1	4.0	< 1	287
144157	70	0.7	< 0.1	0.80	18.5	24.7	0.3	0.73	376	< 0.05	2.06	< 0.1	19.5	20.9	10.9	4.8	26.1	< 0.001	< 0.1	0.1	4.1	< 1	296
144158	110	0.7	< 0.1	0.95	17.5	23.3	0.3	0.67	370	< 0.05	2.11	< 0.1	19.0	24.4	10.7	4.8	30.1	0.001	< 0.1	< 0.1	4.1	< 1	301
144159	40	0.6	< 0.1	1.06	16.0	25.5	0.3	0.75	742	< 0.05	1.97	< 0.1	17.6	22.5	12.4	4.3	35.6	< 0.001	< 0.1	< 0.1	3.7	< 1	266
144160	40	0.9	< 0.1	1.13	19.4	28.0	0.3	0.75	909	0.07	1.98	< 0.1	24.5	22.6	13.8	5.7	41.6	0.001	< 0.1	< 0.1	5.5	< 1	284
144161	20	0.7	< 0.1	1.15	18.0	25.9	0.3	0.81	1080	1.75	1.99	0.7	19.2	24.6	15.0	4.7	37.4	< 0.001	0.2	0.2	4.1	< 1	275
144162	30	0.6	< 0.1	1.00	14.2	23.5	0.2	0.68	1020	0.79	2.03	0.5	15.2	24.2	12.3	3.8	34.7	0.001	< 0.1	< 0.1	3.1	< 1	274
144163	40	0.5	< 0.1	1.02	17.1	34.0	0.2	0.71	1280	5.75	1.22	< 0.1	17.9	17.6	17.9	4.5	46.9	0.002	0.2	0.9	3.8	< 1	268
144164	70	0.5	< 0.1	0.86	14.9	20.9	0.2	0.66	544	< 0.05	2.27	< 0.1	15.5	24.1	9.6	3.8	29.4	< 0.001	< 0.1	< 0.1	3.1	< 1	269
144165	110	0.7	< 0.1	0.82	17.4	27.2	0.3	0.80	772	< 0.05	1.95	< 0.1	19.5	27.2	16.1	4.8	32.0	< 0.001	< 0.1	< 0.1	4.1	< 1	276
144166	90	0.6	< 0.1	0.82	14.5	25.5	0.2	0.70	730	0.08	1.95	< 0.1	15.1	24.6	13.0	3.7	30.5	0.002	< 0.1	< 0.1	3.1	< 1	271
144167	90	0.6	< 0.1	0.76	15.9	24.7	0.2	0.60	680	0.06	1.98	< 0.1	16.3	19.5	12.0	4.0	32.4	< 0.001	< 0.1	< 0.1	3.3	< 1	249
144168	30	0.5	< 0.1	0.96	15.3	23.8	0.2	0.75	464	0.34	2.30	0.3	16.0	20.2	9.6	4.0	34.6	0.001	0.1	< 0.1	3.2	< 1	260
144169	20	0.5	< 0.1	1.02	14.8	20.5	0.2	0.73	492	0.08	2.03	< 0.1	14.7	22.3	9.0	3.7	38.5	0.001	< 0.1	< 0.1	3.0	< 1	243
144170	20	0.6	< 0.1	1.10	18.0	20.2	0.2	0.76	524	0.16	2.33	< 0.1	17.0	23.9	10.9	4.4	39.8	< 0.001	< 0.1	< 0.1	3.5	< 1	278
144171	60	0.5	< 0.1	0.82	14.8	28.1	0.2	0.65	707	0.78	1.99	0.3	14.3	23.6	10.0	3.7	41.7	< 0.001	0.4	< 0.1	2.8	< 1	240
144172	80	0.6	< 0.1	0.98	15.0	27.1	0.2	0.84	652	1.66	2.13	< 0.1	15.5	30.8	12.4	3.9	36.7	< 0.001	< 0.1	0.3	3.3	< 1	266
144173	90	0.5	< 0.1	0.77	15.9	26.6	0.2	0.66	383	< 0.05	2.11	< 0.1	15.1	28.4	10.5	3.9	37.5	0.001	< 0.1	< 0.1	3.0	< 1	246
144174	30	0.6	< 0.1	0.86	16.9	24.6	0.2	0.65	484	0.86	2.00	1.9	16.8	23.9	10.1	4.3	39.5	0.001	0.2	0.1	3.3	< 1	249
144175	20	0.6	< 0.1	1.03	17.5	20.9	0.2	0.65	587	0.28	2.14	0.8	18.2	21.5	10.4	4.5	38.2	0.001	< 0.1	0.2	3.8	< 1	260
144176	40	0.6	< 0.1	0.95	20.3	24.1	0.3	0.64	688	1.34	2.09	< 0.1	18.6	21.0	10.5	4.8	39.8	< 0.001	< 0.1	0.1	3.7	< 1	256
144177	50	0.6	< 0.1	0.96	17.7	23.2	0.2	0.66	641	0.31	2.02	< 0.1	17.8	23.1	11.7	4.5	41.4	0.001	0.1	< 0.1	3.6	< 1	257
144178	80	0.7	< 0.1	0.98	19.5	20.1	0.3	0.71	681	< 0.05	2.23	< 0.1	20.5	23.2	13.0	5.0	34.8	< 0.001	< 0.1	< 0.1	4.2	< 1	276
144179	100	0.6	< 0.1	0.88	14.8	24.8	0.2	0.70	564	< 0.05	2.02	< 0.1	15.7	22.8	12.0	3.9	32.2	0.002	< 0.1	< 0.1	3.3	< 1	271
144180	100	0.5	< 0.1	0.83	13.2	24.2	0.2	0.70	494	< 0.05	1.97	< 0.1	14.2	22.4	10.5	3.5	32.1	0.001	< 0.1	< 0.1	3.0	< 1	253
144181	30	0.7	< 0.1	1.08	16.1	25.6	0.3	0.77	624	< 0.05	2.18	< 0.1	19.1	22.0	10.7	4.6	38.5	0.001	< 0.1	0.1	4.2	< 1	280
144182	30	1.2	< 0.1	1.18	25.1	40.6	0.4	0.82	1840	2.05	1.92	< 0.1	31.3	36.5	12.9	7.1	43.0	0.002	0.1	< 0.1	7.4	< 1	257
144183	20	0.6	< 0.1	1.02	16.7	22.6	0.2	0.74	780	0.10	2.07	< 0.1	17.8	23.1	10.1	4.4	42.1	0.001	< 0.1	< 0.1	3.8	< 1	264
144184	10	0.9	< 0.1	1.04	20.6	28.1	0.3	0.79	1030	0.53	1.94	< 0.1	24.5	26.2	11.6	5.8	34.4	< 0.001	< 0.1	0.4	5.5	< 1	301
144185	30	0.9	< 0.1	1.01	18.7	31.6	0.3	0.73	749	0.15	1.91	< 0.1	22.1	28.5	12.1	5.2	38.8	0.003	< 0.1	0.5	4.9	< 1	297
144186	60	0.7	< 0.1	0.98	16.8	26.4	0.3	0.91	722	0.06	2.24	< 0.1	17.9	28.1	11.9	4.4	34.5	0.002	< 0.1	0.1	3.8	< 1	285
144187	50	0.6	< 0.1	1.09	16.1	25.3	0.3	0.81	609	< 0.05	2.13	< 0.1	16.8	28.0	12.6	4.2	33.9	< 0.001	< 0.1	0.2	3.5	< 1	284
144188	130	1.0	< 0.1	0.85	20.7	31.1	0.4	0.76	786	0.10	1.84	< 0.1	24.6	30.8	11.2	5.7	38.6	< 0.001	< 0.1	< 0.1	5.8	< 1	257

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr
Unit Symbol	ppb	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.1	0.1	0.01	0.1	0.5	0.1	0.01	1	0.05	0.01	0.1	0.1	0.5	0.5	0.1	0.2	0.001	0.1	0.1	0.1	1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144189	90	0.7	< 0.1	0.82	14.9	27.5	0.3	0.81	573	< 0.05	2.00	< 0.1	17.3	26.3	10.4	4.1	32.1	0.001	< 0.1	0.1	3.9	< 1	264
144190	30	0.6	< 0.1	0.98	16.1	24.0	0.3	0.77	498	< 0.05	2.22	< 0.1	16.7	22.9	9.0	4.2	34.1	0.001	< 0.1	< 0.1	3.4	< 1	265
144201	30	0.9	< 0.1	1.12	20.3	41.0	0.3	0.80	803	< 0.05	2.17	< 0.1	23.2	30.7	12.3	5.5	37.6	< 0.001	< 0.1	0.2	5.1	< 1	276
144202	40	0.7	< 0.1	1.21	18.4	26.7	0.3	0.89	927	0.84	2.11	1.9	19.6	28.3	15.6	4.9	38.5	< 0.001	0.3	0.1	4.1	< 1	294
144203	40	0.7	< 0.1	1.09	17.2	38.4	0.3	0.71	1510	1.01	2.12	1.5	18.9	34.2	13.3	4.6	36.8	0.002	0.1	0.3	4.0	< 1	263
144204	30	0.6	< 0.1	0.94	16.0	22.2	0.2	0.69	618	< 0.05	2.40	< 0.1	16.6	24.5	10.0	4.1	32.7	0.001	< 0.1	< 0.1	3.6	< 1	274
144205	40	0.7	< 0.1	0.90	16.0	27.7	0.3	0.84	698	< 0.05	2.09	< 0.1	17.5	31.4	13.3	4.4	29.9	< 0.001	< 0.1	0.2	3.7	< 1	277
144206	80	0.7	< 0.1	0.94	18.4	23.6	0.3	0.80	626	< 0.05	2.38	< 0.1	18.8	25.2	11.1	4.7	31.4	0.001	< 0.1	0.1	3.9	< 1	276
144207	130	0.6	< 0.1	0.78	16.4	23.7	0.2	0.71	633	< 0.05	2.23	< 0.1	17.2	23.1	10.6	4.2	30.5	< 0.001	< 0.1	0.2	3.5	< 1	259
144208	90	0.7	< 0.1	0.81	16.0	31.2	0.3	0.69	485	< 0.05	2.12	< 0.1	17.5	23.7	11.0	4.3	33.2	0.001	< 0.1	< 0.1	3.8	< 1	275
144209	30	0.7	< 0.1	1.07	15.8	27.2	0.3	0.95	573	0.17	2.30	< 0.1	17.8	23.8	9.2	4.3	36.5	0.001	< 0.1	0.2	3.8	< 1	272
144210	50	0.6	< 0.1	1.01	13.1	25.8	0.3	0.79	446	0.05	2.40	< 0.1	13.9	21.1	8.9	3.5	36.2	< 0.001	< 0.1	< 0.1	2.9	< 1	278
144211	50	0.6	< 0.1	1.08	14.2	28.3	0.3	0.81	559	0.07	2.24	< 0.1	15.3	24.8	9.1	3.8	34.2	0.002	< 0.1	< 0.1	3.2	< 1	278
144212	70	0.5	< 0.1	0.96	13.7	29.6	0.2	0.75	452	< 0.05	2.27	< 0.1	14.0	23.2	11.8	3.5	31.7	0.001	< 0.1	< 0.1	2.8	< 1	282
144213	70	0.6	< 0.1	0.96	13.6	36.4	0.3	0.89	571	1.83	2.34	< 0.1	14.3	27.5	9.6	3.6	31.7	0.001	< 0.1	0.1	3.1	< 1	282
144214	100	0.6	< 0.1	0.91	15.0	29.3	0.3	0.77	532	1.02	2.23	< 0.1	15.7	33.6	11.7	3.9	32.4	0.003	< 0.1	< 0.1	3.2	< 1	277
144215	90	0.5	< 0.1	0.81	14.1	24.6	0.2	0.76	530	< 0.05	2.18	< 0.1	14.1	34.8	10.7	3.6	28.0	< 0.001	< 0.1	0.2	2.7	< 1	256
144216	30	0.7	< 0.1	1.00	19.4	20.4	0.2	0.76	706	1.84	2.53	< 0.1	19.9	27.0	14.0	4.9	34.1	< 0.001	< 0.1	< 0.1	4.2	< 1	281
144217	50	0.6	< 0.1	0.94	15.9	26.8	0.3	0.90	727	< 0.05	2.18	< 0.1	16.8	28.7	11.7	4.1	31.3	0.001	< 0.1	< 0.1	3.5	< 1	275

Analyte Symbol	Ta	Tb	Te	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	1	0.1	0.1	0.1	0.2	1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GWJP001	< 0.1	2.5	4.5	3.5	0.21	1.0	33.5	99	117	59.2	6.0	57.0	78
GWJP002	< 0.1	0.6	0.1	7.2	1.91	0.3	3.2	125	0.8	16.9	2.1	32.3	48
GWJP003	< 0.1	0.7	< 0.1	6.3	1.89	0.3	2.8	106	0.3	18.8	1.9	41.0	39
GWJP004	< 0.1	0.7	< 0.1	5.3	1.91	0.2	3.3	78	0.2	13.9	1.3	53.4	31
GWJP005	0.4	0.4	< 0.1	3.5	0.39	0.2	1.9	131	7.3	12.1	1.6	87.0	52
GWJP006	< 0.1	0.4	< 0.1	6.4	0.88	0.3	2.6	152	0.4	13.5	1.7	27.9	75
GWJP007	< 0.1	0.8	0.2	2.5	0.11	0.3	1.4	141	1.4	24.5	1.8	2380	9
GWJP008	0.3	1.8	3.2	5.5	0.46	0.5	2.5	206	10.3	40.5	2.8	160	65
GWEK19 001	< 0.1	0.4	0.1	5.9	1.66	0.1	3.0	117	12.1	7.6	0.9	119	42
GWEK19 002	< 0.1	0.8	< 0.1	5.1	0.96	0.2	2.2	58	0.8	12.6	1.3	63.7	26
GWEK19 003	< 0.1	0.4	< 0.1	5.5	1.26	0.3	2.5	44	< 0.1	13.6	1.7	78.3	16
GWEK19 004	< 0.1	0.6	< 0.1	4.6	1.26	0.2	2.1	99	1.1	10.7	1.3	86.0	20
GWEK19 005	< 0.1	0.5	< 0.1	3.1	0.15	0.3	1.5	44	< 0.1	15.3	1.6	78.6	30
GWEK19 006	< 0.1	0.4	< 0.1	9.5	1.25	0.2	4.0	44	0.1	11.9	1.7	34.6	7
GWEK19 007	< 0.1	0.3	< 0.1	5.1	1.03	0.2	1.9	50	< 0.1	11.8	1.5	28.5	11
GWEK19 008	< 0.1	0.6	< 0.1	10.6	1.32	0.3	4.4	47	0.1	16.6	2.1	156	32
GWEK19 009	0.2	0.9	0.4	4.3	0.75	0.5	2.8	211	13.8	32.8	2.8	32.4	60
144001	< 0.1	0.4	< 0.1	4.5	0.77	0.2	2.3	33	0.1	13.1	1.5	56.9	19
144002	< 0.1	0.4	< 0.1	3.5	0.48	0.2	1.6	24	< 0.1	12.5	1.5	63.0	18
144003	< 0.1	0.4	< 0.1	3.5	0.26	0.2	1.6	38	< 0.1	13.1	1.5	66.8	30
144004	< 0.1	0.4	< 0.1	4.7	0.27	0.2	1.7	63	< 0.1	12.5	1.4	86.9	26
144005	< 0.1	0.5	< 0.1	4.0	0.63	0.3	1.8	27	< 0.1	14.6	1.5	61.4	16
144006	< 0.1	0.4	< 0.1	4.1	0.69	0.2	2.2	42	< 0.1	13.6	1.5	54.8	18
144007	< 0.1	0.5	< 0.1	4.6	0.65	0.3	3.0	42	< 0.1	14.7	1.5	76.8	26
144008	< 0.1	0.5	< 0.1	4.5	0.53	0.2	2.6	69	< 0.1	14.8	1.5	107	26
144009	< 0.1	0.5	< 0.1	4.5	0.61	0.2	2.5	107	< 0.1	15.0	1.5	117	31
144010	< 0.1	0.6	< 0.1	4.2	0.47	0.3	2.0	45	< 0.1	16.1	1.6	90.8	19
144011	0.1	0.5	< 0.1	3.8	0.45	0.2	2.4	110	0.8	14.2	1.5	96.1	31
144012	< 0.1	0.5	< 0.1	3.4	0.37	0.2	2.4	60	< 0.1	13.8	1.4	85.0	19
144013	< 0.1	0.5	< 0.1	3.3	0.45	0.2	1.7	41	< 0.1	14.2	1.4	86.6	13
144014	< 0.1	0.5	< 0.1	3.9	0.44	0.2	2.7	40	< 0.1	15.1	1.5	106	25
144015	< 0.1	0.4	< 0.1	3.1	0.16	0.2	1.5	58	< 0.1	13.1	1.6	81.7	57
144016	< 0.1	0.4	< 0.1	3.4	0.20	0.2	1.5	39	< 0.1	13.7	1.5	68.5	41
144017	< 0.1	0.4	< 0.1	3.3	0.22	0.3	1.6	40	< 0.1	14.4	1.5	113	35
144018	< 0.1	0.4	< 0.1	3.6	0.21	0.2	1.5	20	< 0.1	13.7	1.5	60.4	19
144019	< 0.1	0.4	< 0.1	3.7	0.20	0.2	2.0	35	< 0.1	11.8	1.4	106	3
144020	< 0.1	0.4	< 0.1	4.1	0.21	0.3	1.6	76	< 0.1	14.1	1.5	145	3
144021	< 0.1	0.4	< 0.1	3.1	0.19	0.2	1.5	36	< 0.1	14.1	1.6	68.5	2
144022	< 0.1	0.4	< 0.1	3.5	0.28	0.3	1.6	29	< 0.1	13.9	1.7	70.1	39
144023	< 0.1	0.4	< 0.1	3.5	0.25	0.2	1.4	52	< 0.1	12.6	1.5	109	51
144024	< 0.1	0.5	< 0.1	4.0	0.21	0.3	1.6	63	0.1	15.3	1.6	85.4	52
144025	< 0.1	0.4	< 0.1	4.1	0.22	0.2	1.7	71	< 0.1	12.9	1.4	106	46
144026	< 0.1	0.4	< 0.1	2.7	0.20	0.2	1.4	33	< 0.1	13.0	1.5	78.4	31
144027	< 0.1	0.5	< 0.1	4.6	0.22	0.3	1.9	31	< 0.1	15.3	1.7	124	15
144028	< 0.1	0.4	< 0.1	3.5	0.21	0.2	1.6	45	< 0.1	13.9	1.5	134	4
144029	< 0.1	0.4	< 0.1	3.2	0.22	0.2	1.6	60	< 0.1	14.6	1.7	89.4	1
144030	< 0.1	0.5	< 0.1	4.6	0.25	0.3	2.0	44	< 0.1	15.4	1.6	64.6	3
144031	< 0.1	0.4	< 0.1	4.1	0.43	0.2	1.8	99	< 0.1	12.5	1.5	108	53
144032	< 0.1	0.5	< 0.1	5.3	0.24	0.3	2.0	42	< 0.1	14.7	1.6	80.9	46
144033	< 0.1	0.3	< 0.1	3.3	0.28	0.2	1.6	101	0.3	11.1	1.4	128	71
144034	0.5	0.6	0.2	4.9	0.43	0.2	2.4	135	10.2	9.4	1.1	64.9	57

Analyte Symbol	Ta	Tb	Te	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	1	0.1	0.1	0.1	0.2	1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144035	< 0.1	0.4	< 0.1	4.0	0.25	0.3	1.7	51	0.2	13.5	1.6	108	46
144036	< 0.1	0.4	< 0.1	3.0	0.24	0.2	1.5	40	< 0.1	13.0	1.6	93.7	32
144037	< 0.1	0.3	< 0.1	2.7	0.17	0.2	1.4	22	< 0.1	12.0	1.4	77.3	9
144038	< 0.1	0.5	< 0.1	3.4	0.21	0.3	1.6	35	< 0.1	14.8	1.7	75.9	3
144039	< 0.1	0.4	< 0.1	6.0	0.20	0.2	1.7	45	< 0.1	13.5	1.5	49.2	3
144040	< 0.1	0.4	< 0.1	3.4	0.23	0.2	1.4	64	< 0.1	13.1	1.5	104	53
144041	< 0.1	0.5	< 0.1	3.8	0.24	0.3	1.6	78	< 0.1	14.6	1.6	132	45
144042	< 0.1	0.4	< 0.1	3.5	0.22	0.3	1.6	52	< 0.1	14.9	1.7	86.0	44
144043	< 0.1	0.5	< 0.1	4.6	0.22	0.3	1.5	52	< 0.1	15.1	1.7	83.6	15
144044	< 0.1	0.4	< 0.1	2.9	0.17	0.2	1.4	41	< 0.1	13.4	1.6	84.9	21
144045	< 0.1	0.5	< 0.1	3.4	0.21	0.3	1.6	15	< 0.1	14.6	1.6	65.6	8
144046	< 0.1	0.4	< 0.1	3.6	0.18	0.3	1.5	38	< 0.1	14.3	1.6	117	3
144047	< 0.1	0.4	< 0.1	3.4	0.41	0.2	1.4	86	0.2	12.9	1.5	133	55
144048	< 0.1	0.4	< 0.1	7.4	0.33	0.2	2.0	71	< 0.1	13.1	1.6	273	45
144049	< 0.1	0.5	< 0.1	4.1	0.57	0.2	2.0	63	< 0.1	12.4	1.5	143	37
144050	< 0.1	0.4	< 0.1	6.9	0.39	0.2	2.0	30	< 0.1	13.1	1.6	97.7	8
144051	< 0.1	0.7	< 0.1	5.4	0.50	0.3	2.6	58	< 0.1	17.8	1.8	176	13
144052	< 0.1	0.4	< 0.1	4.0	0.33	0.2	1.8	73	< 0.1	12.8	1.5	190	6
144053	< 0.1	0.4	< 0.1	4.0	0.29	0.3	1.7	25	< 0.1	14.4	1.7	108	4
144054	< 0.1	0.4	< 0.1	4.1	0.33	0.2	1.6	91	0.7	12.6	1.5	212	65
144055	< 0.1	0.4	< 0.1	3.8	0.30	0.2	1.6	45	< 0.1	13.6	1.5	149	47
144056	< 0.1	0.4	< 0.1	3.4	0.25	0.2	1.6	52	< 0.1	13.3	1.5	110	52
144057	< 0.1	0.4	< 0.1	3.0	0.24	0.2	1.5	42	< 0.1	13.3	1.6	119	55
144058	< 0.1	0.4	< 0.1	3.1	0.23	0.3	1.6	30	< 0.1	13.8	1.6	161	49
144059	< 0.1	0.4	< 0.1	4.3	0.27	0.2	1.7	28	< 0.1	13.8	1.6	207	14
144060	< 0.1	0.4	< 0.1	3.9	0.30	0.2	1.7	34	< 0.1	13.2	1.5	334	7
144061	< 0.1	0.4	< 0.1	3.9	0.24	0.3	1.5	93	< 0.1	14.3	1.6	138	2
144062	< 0.1	0.4	< 0.1	2.9	0.18	0.2	1.3	20	< 0.1	13.7	1.5	59.4	5
144063	< 0.1	0.5	< 0.1	3.4	0.23	0.2	2.0	17	< 0.1	15.1	1.6	43.1	33
144064	< 0.1	0.5	< 0.1	4.5	0.23	0.3	2.0	83	< 0.1	15.7	1.7	253	62
144065	< 0.1	0.3	< 0.1	3.7	0.23	0.2	1.5	56	< 0.1	12.0	1.5	205	55
144066	< 0.1	0.4	< 0.1	3.0	0.19	0.2	1.4	30	< 0.1	12.5	1.5	135	38
144067	< 0.1	0.4	< 0.1	3.2	0.27	0.2	1.5	43	< 0.1	12.8	1.5	160	39
144068	< 0.1	0.4	< 0.1	2.9	0.30	0.2	1.5	21	< 0.1	13.2	1.5	348	19
144069	< 0.1	0.4	< 0.1	6.7	0.28	0.2	1.8	33	< 0.1	12.9	1.5	161	12
144070	< 0.1	0.4	< 0.1	2.9	0.25	0.2	1.4	29	< 0.1	13.1	1.5	79.2	6
144071	< 0.1	0.5	< 0.1	4.0	0.24	0.2	1.5	34	< 0.1	14.4	1.5	76.3	3
144072	< 0.1	0.4	< 0.1	3.0	0.20	0.2	1.3	47	< 0.1	12.4	1.4	124	57
144073	< 0.1	0.4	< 0.1	4.1	0.23	0.2	1.6	35	< 0.1	14.0	1.5	88.0	45
144074	< 0.1	0.3	< 0.1	2.5	0.18	0.2	1.3	18	< 0.1	11.4	1.4	95.6	38
144075	< 0.1	0.4	< 0.1	2.9	0.26	0.2	1.4	40	< 0.1	12.7	1.4	91.6	20
144076	< 0.1	0.3	< 0.1	3.2	0.33	0.2	1.6	28	< 0.1	11.4	1.4	156	11
144077	< 0.1	0.4	< 0.1	4.0	0.29	0.2	1.8	66	< 0.1	11.5	1.4	300	11
144078	< 0.1	0.7	< 0.1	3.7	0.26	0.3	1.9	44	< 0.1	19.1	1.9	267	4
144079	< 0.1	0.4	< 0.1	5.3	0.40	0.3	2.0	91	< 0.1	15.8	1.8	149	65
144080	0.2	0.4	< 0.1	3.4	0.27	0.2	1.5	124	0.9	13.2	1.6	185	76
144081	< 0.1	0.4	< 0.1	3.2	0.25	0.2	1.5	61	< 0.1	13.1	1.6	121	56
144082	< 0.1	0.5	< 0.1	4.5	0.27	0.3	1.6	40	< 0.1	14.8	1.8	78.6	45
144084	< 0.1	0.5	< 0.1	4.2	0.24	0.3	1.6	44	< 0.1	15.3	1.8	99.6	7
144085	< 0.1	0.4	< 0.1	3.3	0.24	0.3	1.5	13	< 0.1	13.8	1.7	61.4	12
144086	< 0.1	0.8	< 0.1	4.2	0.29	0.4	3.6	26	< 0.1	25.4	2.3	61.9	25

Analyte Symbol	Ta	Tb	Te	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	1	0.1	0.1	0.1	0.2	1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144087	< 0.1	0.4	< 0.1	4.1	0.28	0.2	1.6	56	< 0.1	12.8	1.5	242	57
144088	< 0.1	0.4	< 0.1	4.2	0.29	0.3	1.7	101	< 0.1	13.4	1.7	156	63
144089	< 0.1	0.4	< 0.1	3.3	0.23	0.2	1.5	79	< 0.1	12.7	1.5	92.4	54
144090	< 0.1	0.4	< 0.1	3.1	0.33	0.2	1.4	43	< 0.1	12.2	1.5	154	50
144091	< 0.1	0.4	< 0.1	4.0	0.26	0.3	1.7	38	< 0.1	13.2	1.7	145	46
144092	< 0.1	0.4	< 0.1	3.0	0.22	0.2	1.5	25	< 0.1	12.4	1.6	101	19
144093	< 0.1	0.4	< 0.1	3.4	0.24	0.2	1.5	45	< 0.1	13.5	1.6	80.1	7
144094	< 0.1	0.5	< 0.1	4.3	0.48	0.2	2.0	90	< 0.1	12.5	1.4	208	8
144095	< 0.1	0.4	< 0.1	3.6	0.32	0.2	1.8	38	< 0.1	13.6	1.6	113	10
144096	< 0.1	0.4	< 0.1	3.5	0.25	0.2	1.5	62	< 0.1	13.7	1.6	184	46
144097	< 0.1	0.4	< 0.1	3.4	0.21	0.2	1.4	56	< 0.1	12.2	1.5	131	43
144098	< 0.1	0.6	< 0.1	3.8	0.28	0.3	2.3	95	< 0.1	18.2	1.8	99.0	57
144099	< 0.1	0.4	< 0.1	3.5	0.24	0.2	1.4	105	0.2	12.8	1.5	309	76
144100	< 0.1	0.4	< 0.1	3.4	0.23	0.3	1.5	63	< 0.1	14.4	1.6	255	57
144101	< 0.1	1.0	< 0.1	5.5	0.26	0.4	3.2	30	< 0.1	29.0	2.5	49.6	45
144102	< 0.1	0.7	< 0.1	3.7	0.24	0.3	3.0	36	< 0.1	21.4	2.1	60.8	21
144103	< 0.1	0.4	< 0.1	3.1	0.19	0.2	1.5	19	< 0.1	14.2	1.6	84.0	5
144104	< 0.1	0.5	< 0.1	3.4	0.22	0.3	1.5	53	< 0.1	15.5	1.7	63.9	4
144105	< 0.1	0.4	< 0.1	3.0	0.19	0.2	1.3	60	< 0.1	13.0	1.5	95.3	61
144106	< 0.1	0.5	< 0.1	3.5	0.24	0.3	1.5	50	< 0.1	16.3	1.7	85.7	53
144107	< 0.1	0.4	< 0.1	2.8	0.16	0.2	1.3	21	< 0.1	13.5	1.5	69.7	39
144108	< 0.1	0.8	< 0.1	5.5	0.46	0.4	5.3	97	< 0.1	25.7	2.4	72.3	44
144109	< 0.1	0.5	< 0.1	3.6	0.25	0.3	1.5	60	< 0.1	15.9	1.7	81.7	5
144110	< 0.1	0.4	< 0.1	2.8	0.18	0.2	1.3	28	< 0.1	13.5	1.5	75.6	4
144111	< 0.1	0.5	< 0.1	3.3	0.39	0.2	1.4	72	< 0.1	14.2	1.6	85.0	62
144112	< 0.1	0.6	< 0.1	3.9	0.36	0.3	1.7	68	< 0.1	17.4	1.8	61.0	58
144113	< 0.1	0.7	< 0.1	4.3	0.34	0.3	3.6	45	< 0.1	21.4	2.1	65.6	53
144114	< 0.1	0.6	< 0.1	3.7	0.28	0.3	2.4	25	< 0.1	20.0	2.0	66.0	35
144115	< 0.1	0.6	< 0.1	3.4	0.23	0.3	1.6	26	< 0.1	17.4	1.8	70.9	23
144116	< 0.1	0.4	< 0.1	3.6	0.26	0.3	1.4	75	< 0.1	14.4	1.6	138	7
144117	< 0.1	0.5	< 0.1	3.7	0.23	0.3	1.5	99	< 0.1	14.9	1.7	130	2
144118	< 0.1	0.5	< 0.1	3.6	0.20	0.2	1.5	67	< 0.1	14.8	1.6	179	5
144119	< 0.1	0.4	< 0.1	3.8	0.37	0.2	1.5	89	< 0.1	12.6	1.5	379	52
144120	< 0.1	0.5	< 0.1	3.2	0.24	0.3	1.5	80	< 0.1	15.1	1.6	81.3	56
144121	< 0.1	0.4	< 0.1	2.8	0.18	0.2	1.3	53	< 0.1	13.3	1.5	146	54
144122	< 0.1	0.4	< 0.1	3.0	0.19	0.2	1.4	35	< 0.1	13.6	1.5	142	47
144123	< 0.1	0.6	< 0.1	3.6	0.25	0.3	1.7	44	< 0.1	17.4	1.8	90.8	16
144124	< 0.1	0.6	< 0.1	4.2	0.23	0.3	1.7	25	< 0.1	19.0	1.9	68.1	17
144125	< 0.1	0.7	< 0.1	4.4	0.26	0.3	1.9	37	< 0.1	21.3	2.1	107	16
144126	< 0.1	0.5	< 0.1	3.6	0.25	0.3	1.7	45	< 0.1	18.0	1.9	79.9	6
144127	< 0.1	0.5	< 0.1	3.4	0.26	0.3	1.4	33	< 0.1	15.8	1.8	119	20
144128	< 0.1	0.4	< 0.1	3.0	0.22	0.2	1.3	37	< 0.1	13.5	1.5	64.7	42
144129	< 0.1	0.4	< 0.1	3.3	0.21	0.2	1.3	49	< 0.1	12.9	1.5	174	49
144130	< 0.1	0.4	< 0.1	2.9	0.19	0.2	1.4	76	< 0.1	13.3	1.5	139	63
144131	< 0.1	0.4	< 0.1	2.9	0.17	0.2	1.3	41	< 0.1	13.8	1.6	84.7	55
144132	< 0.1	0.4	< 0.1	2.8	0.19	0.2	1.4	38	< 0.1	13.7	1.6	129	50
144133	< 0.1	0.4	< 0.1	2.5	0.17	0.2	1.3	11	< 0.1	12.8	1.5	74.1	9
144134	< 0.1	0.4	< 0.1	3.0	0.20	0.2	1.5	35	< 0.1	14.2	1.6	110	3
144135	< 0.1	0.4	< 0.1	2.9	0.17	0.2	1.4	39	< 0.1	13.7	1.6	111	3
144136	< 0.1	0.4	< 0.1	3.0	0.22	0.2	1.4	44	< 0.1	13.7	1.5	115	46
144137	< 0.1	0.4	< 0.1	3.0	0.22	0.2	1.4	39	< 0.1	13.3	1.5	114	45

Analyte Symbol	Ta	Tb	Te	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	1	0.1	0.1	0.1	0.2	1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144138	< 0.1	0.4	< 0.1	3.2	0.23	0.2	1.5	39	< 0.1	14.5	1.6	77.2	40
144139	< 0.1	0.4	< 0.1	3.3	0.22	0.2	1.5	44	< 0.1	13.9	1.6	134	31
144140	< 0.1	0.4	< 0.1	4.1	0.22	0.2	1.5	33	< 0.1	14.5	1.6	93.9	34
144141	< 0.1	0.6	< 0.1	4.4	0.23	0.3	1.7	24	< 0.1	19.6	1.8	64.5	3
144142	< 0.1	0.5	< 0.1	3.1	0.21	0.2	1.5	58	< 0.1	14.6	1.6	109	8
144143	< 0.1	0.5	< 0.1	4.1	0.23	0.3	1.6	46	< 0.1	15.8	1.6	80.0	44
144144	< 0.1	0.6	< 0.1	4.6	0.26	0.3	1.7	44	< 0.1	18.8	1.8	63.2	46
144145	< 0.1	0.5	< 0.1	3.1	0.22	0.3	1.5	42	< 0.1	16.1	1.7	72.6	45
144146	< 0.1	0.5	< 0.1	3.0	0.19	0.3	1.4	30	< 0.1	15.5	1.7	75.6	31
144147	< 0.1	0.5	< 0.1	3.4	0.20	0.3	3.2	22	< 0.1	15.6	1.7	59.6	26
144148	< 0.1	0.6	< 0.1	3.3	0.22	0.3	1.5	38	< 0.1	19.6	1.9	80.9	11
144149	< 0.1	0.6	< 0.1	3.4	0.22	0.3	1.5	43	< 0.1	18.7	2.0	86.5	17
144150	< 0.1	1.2	< 0.1	6.3	0.34	0.5	3.0	54	0.2	35.0	3.0	117	35
144151	< 0.1	0.6	< 0.1	4.3	0.27	0.3	2.0	45	< 0.1	20.0	1.9	75.5	42
144152	< 0.1	0.5	< 0.1	3.7	0.24	0.3	1.6	40	< 0.1	17.4	1.7	93.3	49
144153	< 0.1	0.4	< 0.1	3.1	0.22	0.3	1.4	35	< 0.1	14.6	1.6	81.7	46
144154	< 0.1	0.5	< 0.1	2.7	0.21	0.3	1.5	29	< 0.1	15.3	1.6	78.4	28
144155	< 0.1	0.6	< 0.1	3.5	0.21	0.3	1.6	42	< 0.1	19.3	2.0	87.3	44
144156	< 0.1	0.6	< 0.1	2.9	0.21	0.3	1.6	31	< 0.1	19.0	1.9	80.3	9
144157	< 0.1	0.6	< 0.1	3.3	0.23	0.3	2.3	35	< 0.1	18.9	1.9	74.4	7
144158	< 0.1	0.6	< 0.1	3.4	0.22	0.3	2.8	60	< 0.1	19.4	1.9	78.1	3
144159	< 0.1	0.5	< 0.1	3.2	0.23	0.3	1.4	36	< 0.1	16.5	1.8	88.6	18
144160	< 0.1	0.8	< 0.1	4.3	0.27	0.4	1.8	50	< 0.1	23.5	2.3	85.1	43
144161	< 0.1	0.6	< 0.1	3.7	0.23	0.3	1.4	114	0.5	17.1	1.9	106	60
144162	< 0.1	0.4	< 0.1	2.9	0.19	0.2	1.3	90	< 0.1	14.0	1.6	166	60
144163	< 0.1	0.5	< 0.1	4.2	0.42	0.2	2.9	71	< 0.1	14.4	1.5	65.4	28
144164	< 0.1	0.4	< 0.1	2.7	0.20	0.2	1.4	30	< 0.1	13.9	1.6	92.2	25
144165	< 0.1	0.5	< 0.1	4.0	0.22	0.3	1.5	31	< 0.1	17.2	1.9	105	13
144166	< 0.1	0.4	< 0.1	3.1	0.21	0.3	1.4	72	< 0.1	14.7	1.7	135	5
144167	< 0.1	0.4	< 0.1	2.7	0.18	0.2	1.3	55	< 0.1	14.0	1.6	135	2
144168	< 0.1	0.4	< 0.1	3.3	0.21	0.2	1.5	53	< 0.1	13.5	1.5	47.1	55
144169	< 0.1	0.4	< 0.1	3.4	0.21	0.2	2.1	54	< 0.1	13.6	1.5	62.9	46
144170	< 0.1	0.5	< 0.1	3.6	0.25	0.2	1.5	46	< 0.1	14.6	1.6	71.7	47
144171	< 0.1	0.4	< 0.1	3.0	0.19	0.2	1.4	86	0.1	13.0	1.5	133	57
144172	< 0.1	0.4	< 0.1	3.1	0.22	0.2	1.4	52	< 0.1	15.0	1.7	101	43
144173	< 0.1	0.4	< 0.1	3.0	0.18	0.2	1.4	41	< 0.1	14.1	1.6	117	3
144174	< 0.1	0.4	< 0.1	3.3	0.38	0.3	1.6	76	0.2	13.8	1.7	103	65
144175	< 0.1	0.5	< 0.1	3.5	0.35	0.3	1.7	51	0.1	14.9	1.6	78.0	53
144176	< 0.1	0.5	< 0.1	3.6	0.29	0.3	1.6	59	< 0.1	14.9	1.7	109	49
144177	< 0.1	0.5	< 0.1	3.4	0.27	0.3	1.8	61	< 0.1	14.9	1.7	119	44
144178	< 0.1	0.5	< 0.1	3.9	0.28	0.3	1.8	23	< 0.1	17.0	1.8	66.9	31
144179	< 0.1	0.4	< 0.1	2.9	0.24	0.3	1.5	34	< 0.1	14.3	1.7	167	8
144180	< 0.1	0.4	< 0.1	2.6	0.23	0.2	1.4	19	< 0.1	14.2	1.7	59.2	9
144181	< 0.1	0.6	< 0.1	3.3	0.23	0.3	1.8	24	< 0.1	18.7	2.0	66.0	36
144182	< 0.1	1.0	< 0.1	4.8	0.33	0.5	2.5	75	0.2	32.5	2.9	86.8	65
144183	< 0.1	0.5	< 0.1	3.4	0.25	0.3	1.9	38	< 0.1	16.0	1.7	71.8	47
144184	< 0.1	0.8	< 0.1	4.1	0.24	0.3	6.2	59	0.2	24.5	2.2	81.3	56
144185	< 0.1	0.7	< 0.1	3.9	0.24	0.3	7.0	41	0.1	22.7	2.2	89.7	52
144186	< 0.1	0.5	< 0.1	3.7	0.26	0.3	2.2	36	< 0.1	18.1	1.9	71.7	47
144187	< 0.1	0.5	< 0.1	3.1	0.23	0.3	1.9	33	< 0.1	16.6	1.8	81.4	13
144188	< 0.1	0.8	< 0.1	4.4	0.24	0.4	5.6	44	< 0.1	28.2	2.5	117	9

Analyte Symbol	Ta	Tb	Te	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	1	0.1	0.1	0.1	0.2	1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144189	< 0.1	0.6	< 0.1	3.4	0.23	0.3	2.7	42	< 0.1	19.3	2.0	90.8	6
144190	< 0.1	0.5	< 0.1	3.2	0.22	0.3	2.1	27	< 0.1	15.8	1.8	50.1	50
144201	< 0.1	0.8	< 0.1	4.3	0.25	0.4	2.4	37	< 0.1	25.2	2.3	134	50
144202	< 0.1	0.6	< 0.1	4.2	0.25	0.3	1.6	113	0.2	18.9	2.0	97.0	64
144203	< 0.1	0.6	< 0.1	4.2	0.26	0.3	3.4	96	0.2	19.0	2.0	260	74
144204	< 0.1	0.5	< 0.1	3.0	0.19	0.3	2.1	38	< 0.1	16.3	1.6	111	43
144205	< 0.1	0.5	< 0.1	3.4	0.23	0.3	1.8	51	< 0.1	16.9	1.8	98.0	45
144206	< 0.1	0.5	< 0.1	3.3	0.21	0.3	1.7	30	< 0.1	17.7	1.9	86.0	12
144207	< 0.1	0.5	< 0.1	2.9	0.17	0.3	1.4	39	< 0.1	16.6	1.6	115	2
144208	< 0.1	0.5	< 0.1	3.5	0.20	0.3	1.9	37	< 0.1	19.2	1.9	104	7
144209	< 0.1	0.5	< 0.1	3.2	0.24	0.3	1.7	31	0.1	19.0	1.9	55.3	47
144210	< 0.1	0.4	< 0.1	2.7	0.22	0.3	1.5	26	< 0.1	15.2	1.7	57.5	42
144211	< 0.1	0.5	< 0.1	3.2	0.22	0.3	1.7	31	< 0.1	16.4	1.7	58.5	50
144212	< 0.1	0.4	< 0.1	2.6	0.22	0.3	1.5	21	< 0.1	14.3	1.7	54.4	40
144213	< 0.1	0.4	< 0.1	2.6	0.24	0.3	1.6	26	< 0.1	16.0	1.7	51.5	42
144214	< 0.1	0.5	< 0.1	2.8	0.22	0.3	1.9	26	< 0.1	16.8	1.8	123	24
144215	< 0.1	0.4	< 0.1	3.0	0.19	0.2	1.4	38	< 0.1	13.8	1.6	110	3
144216	< 0.1	0.6	< 0.1	3.6	0.20	0.3	1.6	26	< 0.1	18.6	1.8	85.4	8
144217	< 0.1	0.5	< 0.1	3.2	0.21	0.3	1.4	49	< 0.1	16.8	1.7	82.3	37

Analyte Symbol	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.05	0.01	0.1	20	1	0.1	0.02	0.01	0.1	0.1	0.1	1	0.05	0.2	0.1	0.1	0.05	0.01	0.1	0.1	0.1	0.1
Method Code	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas			8.19	1.5	< 20	641	3.0		0.96		93.7	17.2	51	3.89	29.2	6.8	3.8	1.59	4.67	20.7	7.6		0.8
SDC-1 Cert			8.34	0.220	13.00	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	6.70	4.10	1.70	4.82	21.00	7.00		8.30
Oreas 72a (4 Acid Digest) Meas				3.2								155	220		314				9.78				
Oreas 72a (4 Acid Digest) Cert				14.7								157	228		316				9.63				
Oreas 72a (4 Acid Digest) Meas				6.0								152	200		311				9.22				
Oreas 72a (4 Acid Digest) Cert				14.7								157	228		316				9.63				
Oreas 72a (4 Acid Digest) Meas				2.8								155	229		312				9.43				
Oreas 72a (4 Acid Digest) Cert				14.7								157	228		316				9.63				
OREAS 101a (4 Acid) Meas											1490	47.1			425	26.4	14.4	7.17	10.9		37.3		
OREAS 101a (4 Acid) Cert											1390	46.9			418	28.2	16.2	8.4	10.7		42		
OREAS 101a (4 Acid) Meas											1530	41.0			404	27.5	15.2	7.52	10.8		38.5		
OREAS 101a (4 Acid) Cert											1390	46.9			418	28.2	16.2	8.4	10.7		42		
OREAS 98 (4 Acid) Meas		44.1						85.9				114			> 10000								
OREAS 98 (4 Acid) Cert		45.1						97.2				121			14800 0.0								
OREAS 98 (4 Acid) Meas		42.6						81.4				114			> 10000								
OREAS 98 (4 Acid) Cert		45.1						97.2				121			14800 0.0								
OREAS 98 (4 Acid) Meas		41.9						90.5				110			> 10000								
OREAS 98 (4 Acid) Cert		45.1						97.2				121			14800 0.0								
DNC-1a Meas						100			8.44			57.9	200		112			0.57	7.19	13.6			
DNC-1a Cert						118			8.21			57	270		100			0.59	6.97	15			
DNC-1a Meas						104			7.94			56.2	230		92.3			0.59	6.91	13.2			
DNC-1a Cert						118			8.21			57	270		100			0.59	6.97	15			
DNC-1a Meas						102			7.77			56.3	141		92.8			0.57	6.82	13.1			
DNC-1a Cert						118			8.21			57	270		100			0.59	6.97	15			
SBC-1 Meas				23.2		481	3.4	0.63		0.4	111	22.5	80	7.83	36.4	6.4	3.5	1.81		26.8	8.1		3.1
SBC-1 Cert				25.7		788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0	7.10	3.80	1.98		27.0	8.5		3.7
OREAS 222 (Fire Assay) Meas	1220																						
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 222 (Fire Assay) Meas	1290																						
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 222 (Fire Assay) Meas	1210																						
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 222 (Fire Assay) Meas	1170																						
OREAS 222 (Fire	1220																						

Analyte Symbol	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.05	0.01	0.1	20	1	0.1	0.02	0.01	0.1	0.1	0.1	1	0.05	0.2	0.1	0.1	0.05	0.01	0.1	0.1	0.1	0.1
Method Code	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Assay) Cert																							
OREAS 222 (Fire Assay) Meas	1210																						
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 222 (Fire Assay) Meas	1220																						
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 96 (4 Acid) Meas		11.3						28.0				47.1			> 10000								
OREAS 96 (4 Acid) Cert		11.5						26.3				49.9			39300								
OREAS 96 (4 Acid) Meas		11.0						26.3				47.5			> 10000								
OREAS 96 (4 Acid) Cert		11.5						26.3				49.9			39300								
OREAS 96 (4 Acid) Meas		10.7						27.2				46.0			> 10000								
OREAS 96 (4 Acid) Cert		11.5						26.3				49.9			39300								
OREAS 923 (4 Acid) Meas		1.87	7.45	8.2		400	2.7	19.2	0.47	0.4	85.6	23.4	74	6.23	4410	4.9	2.6	1.20	6.43	18.7	5.8		3.5
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61		434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	5.05	2.86	1.37	6.43	20.3	5.73		3.42
OREAS 923 (4 Acid) Meas		1.69	7.07	6.2		413	2.3	20.6	0.45	0.4	91.5	22.0	69	6.48	4340	5.3	2.8	1.33	6.34	17.7	6.1		3.2
OREAS 923 (4 Acid) Cert		1.60	7.29	7.61		434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	5.05	2.86	1.37	6.43	20.3	5.73		3.42
OREAS 621 (4 Acid) Meas		67.4	6.83	63.4			1.7	3.83	1.99	269	47.7	29.0	25	3.14	3670				3.76	24.0			4.3
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0			1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630				3.70	24.6			4.41
OREAS 621 (4 Acid) Meas		64.4	6.43	61.3			1.8	4.04	1.90	260	48.9	28.8	31	3.16	3690				3.62	23.6			4.3
OREAS 621 (4 Acid) Cert		69.0	6.40	77.0			1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630				3.70	24.6			4.41
OREAS 520 (4 Acid) Meas		0.56	5.97	47.7			1.3	2.86	4.42		80.9	202	44	0.76	2790	3.8	2.2	1.26	17.2	18.1	4.3		2.7
OREAS 520 (4 Acid) Cert		0.450	5.63	153			1.06	2.94	4.10		86.0	203	36.4	0.800	2930	3.66	2.21	1.29	16.4	18.7	4.08		3.53
OREAS 520 (4 Acid) Meas		0.45	5.49	82.3			1.1	2.97	4.10		86.0	197	42	0.76	2840	4.1	2.4	1.34	16.7	17.8	4.6		3.4
OREAS 520 (4 Acid) Cert		0.450	5.63	153			1.06	2.94	4.10		86.0	203	36.4	0.800	2930	3.66	2.21	1.29	16.4	18.7	4.08		3.53
Oreas 45e (4-Acid) Meas		0.48	6.62	12.2		238	0.6	0.25	0.07		22.7	57.0	993	1.10	762	1.9	1.1		24.6	15.9	1.9		2.9
Oreas 45e (4-Acid) Cert		0.311	6.78	16.3		252	0.62	0.28	0.065		23.5	57.0	979	1.26	780	2.05	1.20		24.12	16.5	1.99		3.11
Oreas 45e (4-Acid) Meas		0.46	6.39	1.4		243	0.7	0.26	0.07		24.5	56.1	916	1.13	760	2.1	1.2		23.5	15.6	2.0		3.1
Oreas 45e (4-Acid) Cert		0.311	6.78	16.3		252	0.62	0.28	0.065		23.5	57.0	979	1.26	780	2.05	1.20		24.12	16.5	1.99		3.11
OREAS 255 (Fire Assay) Meas	4230																						
OREAS 255 (Fire Assay) Cert	4080																						
OREAS 255 (Fire	4290																						

Analyte Symbol	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.05	0.01	0.1	20	1	0.1	0.02	0.01	0.1	0.1	0.1	1	0.05	0.2	0.1	0.1	0.05	0.01	0.1	0.1	0.1	0.1
Method Code	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Assay) Meas																							
OREAS 255 (Fire Assay) Cert	4080																						
OREAS 255 (Fire Assay) Meas	4100																						
OREAS 255 (Fire Assay) Cert	4080																						
OREAS 255 (Fire Assay) Meas	4040																						
OREAS 255 (Fire Assay) Cert	4080																						
OREAS 255 (Fire Assay) Meas	4170																						
OREAS 255 (Fire Assay) Cert	4080																						
OREAS 255 (Fire Assay) Meas	4150																						
OREAS 255 (Fire Assay) Cert	4080																						
OREAS 255 (Fire Assay) Meas	4160																						
OREAS 255 (Fire Assay) Cert	4080																						
GWJP008 Orig	29																						
GWJP008 Dup	30																						
GWEK19 004 Orig		0.12	6.16	31.1	30	824	0.9	0.76	0.15	0.2	95.3	5.2	161	4.95	116	2.6	1.2	0.95	6.19	11.5	5.1	0.5	0.6
GWEK19 004 Dup		0.17	6.18	36.2	< 20	834	0.9	0.76	0.15	0.2	98.0	5.2	166	5.12	115	2.7	1.3	1.01	6.21	10.7	5.3	0.6	0.3
144001 Orig	2																						
144001 Dup	8																						
144007 Orig		0.39	7.82	6.8	< 20	540	1.1	1.30	1.26	0.2	38.8	8.3	38	5.22	31.0	3.1	1.7	1.02	2.18	15.6	3.6	0.3	0.8
144007 Dup		0.41	7.86	8.2	< 20	536	1.0	1.34	1.27	0.2	39.8	8.3	35	5.29	29.2	3.0	1.7	1.04	2.17	15.7	3.7	0.2	0.9
144013 Orig	4																						
144013 Dup	10																						
144025 Orig		0.43	6.49	26.7	< 20	681	1.1	1.45	1.09	0.3	33.3	14.2	58	3.01	194	2.5	1.5	0.72	4.62	14.6	2.7	0.4	1.4
144025 Dup		0.29	6.32	22.9	< 20	673	1.2	1.40	1.07	0.3	34.4	13.9	54	2.99	186	2.6	1.5	0.73	4.57	14.1	2.7	0.3	1.1
144026 Orig	< 2																						
144026 Dup	< 2																						
144036 Orig	4																						
144036 Dup	4																						
144038 Orig		0.21	6.69	4.2	< 20	569	1.0	0.11	1.15	0.1	40.0	9.4	34	1.91	17.1	3.0	1.7	0.86	2.91	11.9	3.3	0.1	< 0.1
144038 Dup		0.18	6.79	4.8	< 20	576	1.0	0.10	1.17	0.1	38.6	9.5	36	1.94	17.3	3.0	1.8	0.89	2.96	12.2	3.2	0.2	< 0.1
144048 Orig	< 2																						
144048 Dup	< 2																						
144057 Orig		0.45	6.62	11.3	< 20	548	0.9	0.31	0.65	0.2	29.7	10.9	43	2.27	21.1	2.6	1.6	0.74	3.59	12.2	2.6	0.2	1.7
144057 Dup		0.45	6.84	10.3	< 20	546	1.0	0.30	0.65	0.2	31.6	11.2	44	2.30	25.0	2.6	1.6	0.80	3.59	11.9	2.7	0.2	1.5
144062 Orig	< 2																						
144062 Dup	< 2																						
144070 Orig		0.30	6.82	12.2	< 20	606	1.0	0.89	1.06	0.1	35.9	11.2	48	2.67	27.9	2.6	1.5	0.80	3.38	12.0	2.8	0.2	0.2
144070 Dup		0.23	6.80	14.0	< 20	587	0.9	0.78	1.05	0.1	35.1	11.2	37	2.62	27.3	2.5	1.5	0.78	3.36	11.9	2.9	0.1	< 0.1
144071 Orig	4																						
144071 Dup	< 2																						
144085 Orig	< 2																						
144085 Dup	< 2																						

Analyte Symbol	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.05	0.01	0.1	20	1	0.1	0.02	0.01	0.1	0.1	0.1	1	0.05	0.2	0.1	0.1	0.05	0.01	0.1	0.1	0.1	0.1
Method Code	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144090 Orig		0.35	7.05	17.0	< 20	551	1.1	0.84	0.78	0.4	31.5	18.1	54	4.29	14.1	2.3	1.4	0.74	3.73	14.1	2.6	0.3	1.5
144090 Dup		0.38	7.23	17.6	< 20	558	1.1	0.83	0.80	0.4	36.3	18.2	58	4.32	13.4	2.4	1.5	0.75	3.80	14.3	2.7	0.3	1.4
144097 Orig	< 2																						
144097 Dup	16																						
144103 Orig		0.18	6.99	8.3	< 20	536	0.9	0.11	0.68	0.1	42.8	11.2	31	2.35	23.6	2.8	1.7	0.83	3.61	12.1	2.9	0.2	< 0.1
144103 Dup		0.19	6.93	9.9	< 20	532	0.9	0.12	0.68	0.1	42.6	11.2	38	2.27	26.3	2.8	1.7	0.85	3.58	11.9	2.9	0.2	< 0.1
144107 Orig	< 2																						
144107 Dup	< 2																						
144119 Orig	2																						
144119 Dup	< 2																						
144120 Orig		0.17	7.57	18.1	< 20	558	1.0	0.14	0.85	0.2	36.5	12.3	55	2.11	30.2	2.9	1.7	0.90	4.20	14.5	3.2	0.4	1.5
144120 Dup		0.14	7.47	17.7	< 20	551	1.0	0.13	0.87	0.1	36.5	12.2	48	2.13	27.1	2.9	1.7	0.91	4.24	14.3	3.2	0.5	1.5
144132 Orig	< 2																						
144132 Dup	< 2																						
144133 Orig		0.17	6.86	2.6	< 20	477	0.8	0.15	0.67	< 0.1	35.3	7.1	30	1.95	15.9	2.3	1.4	0.75	2.22	12.7	2.6	0.2	0.2
144133 Dup		0.15	6.90	3.3	< 20	477	0.7	0.17	0.67	< 0.1	30.1	7.1	29	1.95	15.4	2.3	1.4	0.70	2.22	12.7	2.5	0.2	< 0.1
144142 Orig	< 2																						
144142 Dup	< 2																						
144151 Orig		0.25	7.69	17.9	< 20	565	0.9	0.12	0.84	0.1	38.1	11.5	48	2.14	46.2	3.7	2.1	1.14	4.20	14.8	4.2	0.3	0.9
144151 Dup		0.17	7.64	19.3	< 20	585	1.1	0.13	0.82	0.1	39.3	11.7	40	2.18	43.9	3.7	2.0	1.24	4.21	14.5	4.4	0.4	1.4
144154 Orig	5																						
144154 Dup	< 2																						
144164 Orig		0.24	6.70	9.5	< 20	521	0.9	0.11	0.83	0.2	39.9	10.1	52	1.67	20.0	2.7	1.6	0.84	3.25	11.1	2.9	0.3	1.2
144164 Dup		0.23	6.72	8.0	< 20	526	0.8	0.10	0.85	0.2	38.2	10.4	46	1.67	33.9	2.6	1.5	0.84	3.25	11.1	2.8	0.2	0.2
144167 Orig	< 2																						
144167 Dup	< 2																						
144177 Orig	< 2																						
144177 Dup	< 2																						
144182 Orig		0.51	8.15	12.7	< 20	630	1.3	0.25	0.90	< 0.1	42.2	14.4	59	2.93	52.2	6.1	3.2	2.08	4.76	15.9	7.7	0.4	1.5
144182 Dup		0.58	8.13	17.8	< 20	636	1.3	0.26	0.91	0.1	41.3	14.3	62	2.95	49.3	6.2	3.2	2.06	4.79	16.1	7.5	0.7	2.1
144189 Orig	< 2																						
144189 Dup	< 2																						
144205 Orig		0.12	7.99	19.2	< 20	598	1.0	0.20	0.86	0.2	40.5	13.3	45	2.99	40.2	3.2	1.8	1.04	4.36	14.6	3.6	0.4	1.4
144205 Dup		0.09	7.97	15.8	< 20	599	1.1	0.19	0.84	0.2	39.7	13.1	52	2.94	34.9	3.3	1.9	1.05	4.27	14.5	3.7	0.3	1.1
144212 Orig	8																						
144212 Dup	< 2																						
Method Blank	< 2																						
Method Blank	< 2																						
Method Blank	< 2																						
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Method Blank	< 2																						
Method Blank	< 2																						
Method Blank		< 0.05	< 0.01	< 0.1	< 20	< 1	< 0.1	< 0.02	< 0.01	< 0.1	< 0.1	< 0.1	< 1	< 0.05	0.2	< 0.1	< 0.1	< 0.05	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank		< 0.05	< 0.01	< 0.1	< 20	< 1	< 0.1	< 0.02	< 0.01	< 0.1	< 0.1	< 0.1	< 1	< 0.05	< 0.2	< 0.1	< 0.1	< 0.05	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.05	0.01	0.1	20	1	0.1	0.02	0.01	0.1	0.1	0.1	1	0.05	0.2	0.1	0.1	0.05	0.01	0.1	0.1	0.1	0.1
Method Code	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Method Blank		< 0.05	< 0.01	< 0.1	< 20	< 1	< 0.1	< 0.02	< 0.01	< 0.1	< 0.1	< 0.1	< 1	< 0.05	< 0.2	< 0.1	< 0.1	< 0.05	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank		< 0.05	< 0.01	< 0.1	< 20	< 1	< 0.1	< 0.02	< 0.01	< 0.1	< 0.1	< 0.1	< 1	< 0.05	< 0.2	< 0.1	< 0.1	< 0.05	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank		< 0.05	< 0.01	< 0.1	< 20	< 1	< 0.1	< 0.02	< 0.01	< 0.1	< 0.1	< 0.1	1	< 0.05	0.4	< 0.1	< 0.1	< 0.05	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr
Unit Symbol	ppb	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.1	0.1	0.01	0.1	0.5	0.1	0.01	1	0.05	0.01	0.1	0.1	0.5	0.5	0.1	0.2	0.001	0.1	0.1	0.1	1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas	100	1.4		1.78	41.7	35.8		0.97	839		1.46	< 0.1	40.6	33.8	27.0		80.1		< 0.1		8.1	< 1	175
SDC-1 Cert	200.00	1.50		2.72	42.00	34.0		1.02	880.00		1.52	21.00	40.00	38.0	25.00		127.00		0.54		8.20	3.00	180.00
Oreas 72a (4 Acid Digest) Meas														> 5000									
Oreas 72a (4 Acid Digest) Cert														6930.000									
Oreas 72a (4 Acid Digest) Meas														> 5000									
Oreas 72a (4 Acid Digest) Cert														6930.000									
Oreas 72a (4 Acid Digest) Meas														> 5000									
Oreas 72a (4 Acid Digest) Cert														6930.000									
OREAS 101a (4 Acid) Meas		5.1		1.50	822		1.8	1.24	923	13.3			383	8.7	23.0	127					46.4		
OREAS 101a (4 Acid) Cert		5.2		2.20	807		1.99	1.20	977	20.4			397	8.14	23	131					49		
OREAS 101a (4 Acid) Meas		5.4		1.90	846		1.8	1.16	917	19.3			392	8.7	23.8	131					48.9		
OREAS 101a (4 Acid) Cert		5.2		2.20	807		1.99	1.20	977	20.4			397	8.14	23	131					49		
OREAS 98 (4 Acid) Meas															278				5.2	177		198	
OREAS 98 (4 Acid) Cert															345				20.1	158		206	
OREAS 98 (4 Acid) Meas															257				6.4	176		189	
OREAS 98 (4 Acid) Cert															345				20.1	158		206	
OREAS 98 (4 Acid) Meas															282				7.2	168		192	
OREAS 98 (4 Acid) Cert															345				20.1	158		206	
DNC-1a Meas					3.7	4.8					1.47	1.1	4.8	269	8.2		3.2		0.4				146
DNC-1a Cert					3.6	5.2					1.40	3	5.20	247	6.3		5		0.96				144
DNC-1a Meas					3.8	4.7					1.39	0.3	5.0	262	7.8		3.2		< 0.1				140
DNC-1a Cert					3.6	5.2					1.40	3	5.20	247	6.3		5		0.96				144
DNC-1a Meas					3.7	4.7					1.38	1.0	4.9	267	7.9		2.9		0.3				141
DNC-1a Cert					3.6	5.2					1.40	3	5.20	247	6.3		5		0.96				144
SBC-1 Meas		1.3			50.6	172	0.5			2.01		9.6	48.1	83.8	33.4	12.7	148		0.9		9.3	3	184
SBC-1 Cert		1.40			52.5	163	0.54			2.40		15.3	49.2	82.8	35.0	12.6	147		1.01		9.6	3.3	178.0
OREAS 222 (Fire Assay) Meas																							
OREAS 222 (Fire Assay) Cert																							
OREAS 222 (Fire Assay) Meas																							
OREAS 222 (Fire Assay) Cert																							
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OREAS 222 (Fire Assay) Cert																							
OREAS 222 (Fire Assay) Meas																							
OREAS 222 (Fire																							

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr
Unit Symbol	ppb	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.1	0.1	0.01	0.1	0.5	0.1	0.01	1	0.05	0.01	0.1	0.1	0.5	0.5	0.1	0.2	0.001	0.1	0.1	0.1	1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Assay) Cert																							
OREAS 222 (Fire Assay) Meas																							
OREAS 222 (Fire Assay) Cert																							
OREAS 222 (Fire Assay) Meas																							
OREAS 222 (Fire Assay) Cert																							
OREAS 96 (4 Acid) Meas															95.2				2.4	42.8		64	
OREAS 96 (4 Acid) Cert															101				5.09	40.7		65.6	
OREAS 96 (4 Acid) Meas															88.6				3.3	44.6		63	
OREAS 96 (4 Acid) Cert															101				5.09	40.7		65.6	
OREAS 96 (4 Acid) Meas															90.5				2.7	42.7		63	
OREAS 96 (4 Acid) Cert															101				5.09	40.7		65.6	
OREAS 923 (4 Acid) Meas		0.9	0.5	2.32	42.1	31.8	0.4	1.75	968	0.90	0.32	11.9	34.6	35.1	78.0	9.5	146		1.1	6.1	6.6	13	41.7
OREAS 923 (4 Acid) Cert		0.960	0.520	2.51	42.2	31.4	0.390	1.69	950	0.930	0.324	14.1	35.4	35.8	83.0	9.58	166		1.29	6.54	6.64	13.3	43.0
OREAS 923 (4 Acid) Meas		1.1	0.5	1.54	44.7	31.0	0.4	1.64	886	0.84	0.30	6.7	37.0	35.2	87.5	10.2	108		1.1	6.4	7.1	14	41.4
OREAS 923 (4 Acid) Cert		0.960	0.520	2.51	42.2	31.4	0.390	1.69	950	0.930	0.324	14.1	35.4	35.8	83.0	9.58	166		1.29	6.54	6.64	13.3	43.0
OREAS 621 (4 Acid) Meas			1.8	2.19	19.2	14.3	0.2	0.52	498	12.0	1.32	6.8		29.3	> 5000		82.1		17.2	5.8		5	63.3
OREAS 621 (4 Acid) Cert			1.83	2.20	21.6	14.2	0.140	0.507	532	13.6	1.31	8.61		26.2	13600		84.0		139	5.64		5.25	91.0
OREAS 621 (4 Acid) Meas			1.8	1.52	20.6	13.8	0.2	0.49	493	12.1	1.24	6.9		28.8	> 5000		70.3		18.1	5.6		5	63.5
OREAS 621 (4 Acid) Cert			1.83	2.20	21.6	14.2	0.140	0.507	532	13.6	1.31	8.61		26.2	13600		84.0		139	5.64		5.25	91.0
OREAS 520 (4 Acid) Meas		0.8	0.1	3.62	71.9	17.5	0.4	1.27	2510	38.0	1.40	0.4	21.2	77.5	8.2	6.6	110	0.027	1.2	0.6	3.8	5	86.9
OREAS 520 (4 Acid) Cert		0.760	0.110	3.46	85.0	16.9	0.340	1.19	2420	65.0	1.35	5.68	22.1	76.0	5.85	6.69	111	0.0310	3.21	1.76	4.02	4.76	104
OREAS 520 (4 Acid) Meas		0.8	0.1	3.43	77.4	16.8	0.4	1.19	2430	56.2	1.30	1.4	22.6	78.1	7.4	6.9	108	0.029	1.4	0.7	4.1	4	88.1
OREAS 520 (4 Acid) Cert		0.760	0.110	3.46	85.0	16.9	0.340	1.19	2420	65.0	1.35	5.68	22.1	76.0	5.85	6.69	111	0.0310	3.21	1.76	4.02	4.76	104
Oreas 45e (4-Acid) Meas			< 0.1	0.34	9.9	6.3	0.2	0.16	566	1.89	0.06	2.2	8.6	441	18.9	2.4	19.6		0.1	2.3	1.9	1	14.7
Oreas 45e (4-Acid) Cert			0.099	0.324	11.0	6.58	0.17	0.156	550.000	2.40	0.059	6.80	9.57	454	18.2	2.57	21.2		1.00	2.97	2.28	1.32	15.9
Oreas 45e (4-Acid) Meas			< 0.1	0.32	10.8	6.0	0.2	0.15	522	1.25	0.05	< 0.1	9.1	437	19.5	2.5	20.8		0.1	0.1	2.1	< 1	15.2
Oreas 45e (4-Acid) Cert			0.099	0.324	11.0	6.58	0.17	0.156	550.000	2.40	0.059	6.80	9.57	454	18.2	2.57	21.2		1.00	2.97	2.28	1.32	15.9
OREAS 255 (Fire Assay) Meas																							
OREAS 255 (Fire Assay) Cert																							
OREAS 255 (Fire																							

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr
Unit Symbol	ppb	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.1	0.1	0.01	0.1	0.5	0.1	0.01	1	0.05	0.01	0.1	0.1	0.5	0.5	0.1	0.2	0.001	0.1	0.1	0.1	1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Assay) Meas																							
OREAS 255 (Fire Assay) Cert																							
OREAS 255 (Fire Assay) Meas																							
OREAS 255 (Fire Assay) Cert																							
OREAS 255 (Fire Assay) Meas																							
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OREAS 255 (Fire Assay) Meas																							
OREAS 255 (Fire Assay) Cert																							
GWJP008 Orig																							
GWJP008 Dup																							
GWEK19 004 Orig	120	0.5	0.1	1.48	47.5	10.6	0.2	0.59	1940	0.31	0.12	< 0.1	41.3	95.7	8.7	10.9	63.8	0.001	2.5	0.4	7.1	2	32.2
GWEK19 004 Dup	80	0.5	0.1	1.48	48.6	10.7	0.2	0.58	1980	0.73	0.12	1.0	42.6	95.2	10.0	11.4	64.1	0.002	4.0	0.1	7.3	2	30.9
144001 Orig																							
144001 Dup																							
144007 Orig	100	0.6	< 0.1	0.82	18.6	24.5	0.2	0.68	343	0.21	1.27	< 0.1	18.3	14.7	21.5	4.6	32.1	0.004	< 0.1	0.8	3.9	2	258
144007 Dup	120	0.6	< 0.1	0.89	19.5	24.4	0.2	0.68	325	0.16	1.27	< 0.1	18.8	14.2	21.3	4.6	34.1	0.003	< 0.1	0.7	4.0	2	258
144013 Orig																							
144013 Dup																							
144025 Orig	20	0.5	0.1	1.24	15.8	22.1	0.2	0.69	1180	0.75	2.00	0.6	14.3	25.7	11.8	3.7	43.2	< 0.001	< 0.1	0.2	2.8	1	239
144025 Dup	10	0.5	0.1	1.05	16.6	21.9	0.2	0.68	1090	0.28	1.95	< 0.1	14.3	25.2	11.5	3.7	36.9	0.002	< 0.1	0.2	2.8	< 1	231
144026 Orig																							
144026 Dup																							
144036 Orig																							
144036 Dup																							
144038 Orig	80	0.6	< 0.1	0.83	19.0	20.2	0.2	0.68	487	< 0.05	2.32	< 0.1	17.4	18.9	9.4	4.5	35.9	< 0.001	< 0.1	< 0.1	3.4	< 1	277
144038 Dup	100	0.6	< 0.1	0.80	17.8	20.4	0.2	0.69	494	< 0.05	2.36	< 0.1	16.8	19.1	9.9	4.3	34.6	< 0.001	< 0.1	< 0.1	3.5	< 1	278
144048 Orig																							
144048 Dup																							
144057 Orig	30	0.5	< 0.1	0.83	13.9	24.2	0.2	0.60	697	0.07	2.08	< 0.1	13.9	26.7	11.6	3.5	31.3	< 0.001	< 0.1	0.2	2.8	< 1	256
144057 Dup	50	0.5	< 0.1	0.80	14.9	24.4	0.2	0.60	684	0.06	2.07	< 0.1	14.6	26.5	11.6	3.7	32.5	< 0.001	< 0.1	0.2	3.0	< 1	257
144062 Orig																							
144062 Dup																							
144070 Orig	50	0.5	< 0.1	0.85	17.0	18.5	0.2	0.70	423	< 0.05	2.23	< 0.1	15.0	33.5	11.0	3.9	31.9	< 0.001	< 0.1	< 0.1	3.0	2	263
144070 Dup	50	0.5	< 0.1	0.87	16.1	18.2	0.2	0.69	432	< 0.05	2.19	< 0.1	15.3	32.8	10.0	3.9	31.9	< 0.001	< 0.1	< 0.1	3.0	< 1	260
144071 Orig																							
144071 Dup																							
144085 Orig																							
144085 Dup																							

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr
Unit Symbol	ppb	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.1	0.1	0.01	0.1	0.5	0.1	0.01	1	0.05	0.01	0.1	0.1	0.5	0.5	0.1	0.2	0.001	0.1	0.1	0.1	1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144090 Orig	20	0.5	< 0.1	1.06	15.3	33.2	0.2	0.64	500	1.84	2.00	< 0.1	14.5	47.6	12.6	3.8	48.8	0.002	< 0.1	< 0.1	2.8	< 1	238
144090 Dup	30	0.5	< 0.1	1.03	17.7	33.5	0.2	0.65	533	0.11	2.01	< 0.1	16.3	48.3	13.1	4.3	47.9	< 0.001	< 0.1	0.3	3.2	< 1	239
144097 Orig																							
144097 Dup																							
144103 Orig	150	0.6	< 0.1	0.69	15.2	24.4	0.2	0.66	421	< 0.05	2.03	< 0.1	15.2	24.7	11.2	3.9	30.3	0.001	< 0.1	< 0.1	3.1	< 1	254
144103 Dup	80	0.6	< 0.1	0.73	14.9	24.3	0.2	0.66	430	< 0.05	2.04	< 0.1	14.9	25.1	10.9	3.8	31.6	< 0.001	< 0.1	< 0.1	3.1	< 1	249
144107 Orig																							
144107 Dup																							
144119 Orig																							
144119 Dup																							
144120 Orig	30	0.6	< 0.1	1.13	15.2	24.6	0.2	0.82	659	0.29	2.13	0.3	16.2	25.6	10.3	4.0	39.1	< 0.001	< 0.1	0.2	3.3	< 1	267
144120 Dup	20	0.6	< 0.1	1.14	15.1	24.7	0.2	0.80	675	0.26	2.14	0.3	16.2	24.8	10.2	4.1	38.5	0.001	< 0.1	0.2	3.4	< 1	272
144132 Orig																							
144132 Dup																							
144133 Orig	60	0.5	< 0.1	0.73	17.5	25.8	0.2	0.53	257	< 0.05	2.31	< 0.1	15.5	16.2	9.2	4.1	30.4	< 0.001	< 0.1	< 0.1	2.9	< 1	257
144133 Dup	80	0.5	< 0.1	0.77	14.7	25.5	0.2	0.53	269	< 0.05	2.33	< 0.1	14.0	16.2	8.9	3.6	31.8	< 0.001	< 0.1	< 0.1	2.8	< 1	255
144142 Orig																							
144142 Dup																							
144151 Orig	30	0.7	< 0.1	1.15	19.6	28.0	0.3	0.77	646	0.07	2.13	< 0.1	20.0	25.7	10.9	4.9	39.0	0.002	< 0.1	0.2	4.3	< 1	280
144151 Dup	30	0.8	< 0.1	1.17	19.8	28.6	0.3	0.76	688	0.19	2.09	< 0.1	21.5	27.0	11.6	5.2	40.1	0.001	< 0.1	0.1	4.5	< 1	285
144154 Orig																							
144154 Dup																							
144164 Orig	60	0.5	< 0.1	0.91	15.4	21.0	0.2	0.66	555	0.08	2.26	< 0.1	15.8	23.9	9.6	3.9	30.8	0.001	< 0.1	< 0.1	3.2	< 1	267
144164 Dup	70	0.5	< 0.1	0.82	14.4	20.8	0.2	0.66	533	< 0.05	2.28	< 0.1	15.1	24.4	9.7	3.7	28.0	< 0.001	< 0.1	< 0.1	3.1	< 1	270
144167 Orig																							
144167 Dup																							
144177 Orig																							
144177 Dup																							
144182 Orig	30	1.2	< 0.1	1.19	25.5	40.7	0.4	0.82	1790	1.29	1.92	< 0.1	31.4	36.8	12.6	7.1	44.0	0.001	0.1	< 0.1	7.3	< 1	256
144182 Dup	30	1.2	< 0.1	1.18	24.6	40.4	0.4	0.82	1890	2.82	1.93	1.4	31.2	36.1	13.3	7.1	41.9	0.003	0.1	0.5	7.4	< 1	258
144189 Orig																							
144189 Dup																							
144205 Orig	30	0.7	< 0.1	0.94	16.3	27.7	0.3	0.84	722	0.09	2.08	< 0.1	17.7	31.5	14.0	4.4	31.0	< 0.001	< 0.1	0.2	3.7	< 1	280
144205 Dup	50	0.7	< 0.1	0.87	15.8	27.8	0.3	0.84	673	< 0.05	2.09	< 0.1	17.3	31.3	12.6	4.3	28.9	< 0.001	< 0.1	0.2	3.7	< 1	274
144212 Orig																							
144212 Dup																							
Method Blank																							
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Method Blank																							
Method Blank	30	< 0.1	< 0.1	< 0.01	< 0.1	< 0.5	< 0.1	< 0.01	< 1	< 0.05	< 0.01	< 0.1	< 0.1	< 0.5	1.6	< 0.1	< 0.2	< 0.001	< 0.1	< 0.1	< 0.1	< 1	< 0.2
Method Blank	30	< 0.1	< 0.1	< 0.01	< 0.1	< 0.5	< 0.1	< 0.01	< 1	< 0.05	< 0.01	< 0.1	< 0.1	< 0.5	1.3	< 0.1	< 0.2	< 0.001	< 0.1	< 0.1	< 0.1	< 1	< 0.2

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr
Unit Symbol	ppb	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.1	0.1	0.01	0.1	0.5	0.1	0.01	1	0.05	0.01	0.1	0.1	0.5	0.5	0.1	0.2	0.001	0.1	0.1	0.1	1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Method Blank	30	< 0.1	< 0.1	< 0.01	< 0.1	< 0.5	< 0.1	< 0.01	< 1	< 0.05	< 0.01	< 0.1	< 0.1	< 0.5	1.8	< 0.1	< 0.2	0.001	< 0.1	< 0.1	< 0.1	< 1	< 0.2
Method Blank	20	< 0.1	< 0.1	< 0.01	< 0.1	< 0.5	< 0.1	< 0.01	< 1	< 0.05	< 0.01	< 0.1	< 0.1	< 0.5	1.5	< 0.1	< 0.2	0.001	< 0.1	< 0.1	< 0.1	< 1	< 0.2
Method Blank	30	< 0.1	< 0.1	< 0.01	< 0.1	< 0.5	< 0.1	< 0.01	< 1	< 0.05	< 0.01	< 0.1	< 0.1	< 0.5	1.7	< 0.1	< 0.2	< 0.001	< 0.1	< 0.1	< 0.1	< 1	< 0.2

Analyte Symbol	Ta	Tb	Te	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	1	0.1	0.1	0.1	0.2	1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas	< 0.1	1.1		12.0	0.60	0.6	2.8	29	0.2		3.5	100	28
SDC-1 Cert	1.20	1.20		12.00	0.70	0.65	3.10	102.00	0.80		4.00	103.00	290.00
Oreas 72a (4 Acid Digest) Meas													
Oreas 72a (4 Acid Digest) Cert													
Oreas 72a (4 Acid Digest) Meas													
Oreas 72a (4 Acid Digest) Cert													
Oreas 72a (4 Acid Digest) Meas													
Oreas 72a (4 Acid Digest) Cert													
OREAS 101a (4 Acid) Meas		4.6		31.8		2.1	374	54		135	13.1		
OREAS 101a (4 Acid) Cert		5.3		35.1		2.12	410	77		135	14.7		
OREAS 101a (4 Acid) Meas		4.7		34.0		2.2	412	73		136	13.3		
OREAS 101a (4 Acid) Cert		5.3		35.1		2.12	410	77		135	14.7		
OREAS 98 (4 Acid) Meas												1240	
OREAS 98 (4 Acid) Cert												1360	
OREAS 98 (4 Acid) Meas												1200	
OREAS 98 (4 Acid) Cert												1360	
OREAS 98 (4 Acid) Meas												1180	
OREAS 98 (4 Acid) Cert												1360	
DNC-1a Meas								156		16.9	1.9	68.3	37
DNC-1a Cert								148		18.0	2.0	70	38.0
DNC-1a Meas								140		16.4	2.0	67.2	35
DNC-1a Cert								148		18.0	2.0	70	38.0
DNC-1a Meas								149		16.4	2.0	68.9	35
DNC-1a Cert								148		18.0	2.0	70	38.0
SBC-1 Meas	0.4	1.1		14.2	0.62	0.5	5.1	224	1.4	33.0	3.4	191	118
SBC-1 Cert	1.10	1.20		15.8	0.89	0.56	5.76	220.0	1.60	36.5	3.64	186	134.0
OREAS 222 (Fire Assay) Meas													
OREAS 222 (Fire Assay) Cert													
OREAS 222 (Fire Assay) Meas													
OREAS 222 (Fire Assay) Cert													
OREAS 222 (Fire Assay) Meas													
OREAS 222 (Fire Assay) Cert													
OREAS 222 (Fire Assay) Meas													
OREAS 222 (Fire													

Analyte Symbol	Ta	Tb	Te	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	1	0.1	0.1	0.1	0.2	1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Assay) Cert													
OREAS 222 (Fire Assay) Meas													
OREAS 222 (Fire Assay) Cert													
OREAS 222 (Fire Assay) Meas													
OREAS 222 (Fire Assay) Cert													
OREAS 96 (4 Acid) Meas												415	
OREAS 96 (4 Acid) Cert												457	
OREAS 96 (4 Acid) Meas												421	
OREAS 96 (4 Acid) Cert												457	
OREAS 96 (4 Acid) Meas												402	
OREAS 96 (4 Acid) Cert												457	
OREAS 923 (4 Acid) Meas	0.9	0.8		15.1	0.63	0.4	2.9	91	4.4	26.0	2.5	340	124
OREAS 923 (4 Acid) Cert	1.11	0.850		16.5	0.860	0.410	3.06	91.0	4.85	26.4	2.57	345	116
OREAS 923 (4 Acid) Meas	0.1	0.9		16.4	0.72	0.4	3.1	86	3.2	26.2	2.7	326	116
OREAS 923 (4 Acid) Cert	1.11	0.850		16.5	0.860	0.410	3.06	91.0	4.85	26.4	2.57	345	116
OREAS 621 (4 Acid) Meas		0.5		4.4	1.86		2.7	30	1.5	12.8	1.1	> 10000	166
OREAS 621 (4 Acid) Cert		0.460		7.48	1.96		2.83	31.8	2.35	11.1	0.990	52200	168
OREAS 621 (4 Acid) Meas		0.5		5.1	2.10		2.8	31	1.7	12.6	1.0	> 10000	162
OREAS 621 (4 Acid) Cert		0.460		7.48	1.96		2.83	31.8	2.35	11.1	0.990	52200	168
OREAS 520 (4 Acid) Meas	< 0.1	0.6	< 0.1	6.2	0.30	0.3	16.1	234	1.8	21.1	2.1	26.8	118
OREAS 520 (4 Acid) Cert	0.470	0.640	0.360	9.62	0.260	0.310	17.9	257	43.8	20.8	2.20	22.7	134
OREAS 520 (4 Acid) Meas	< 0.1	0.6	< 0.1	8.5	0.21	0.3	17.3	254	8.8	20.8	2.2	27.9	132
OREAS 520 (4 Acid) Cert	0.470	0.640	0.360	9.62	0.260	0.310	17.9	257	43.8	20.8	2.20	22.7	134
Oreas 45e (4-Acid) Meas	< 0.1			11.2	0.10		2.1	290	0.2	8.2	1.2	49.4	112
Oreas 45e (4-Acid) Cert	0.56			12.9	0.15		2.41	322	1.07	8.28	1.19	46.7	110
Oreas 45e (4-Acid) Meas	< 0.1			12.0	< 0.05		2.2	261	< 0.1	8.7	1.3	57.7	114
Oreas 45e (4-Acid) Cert	0.56			12.9	0.15		2.41	322	1.07	8.28	1.19	46.7	110
OREAS 255 (Fire Assay) Meas													
OREAS 255 (Fire Assay) Cert													
OREAS 255 (Fire													

Analyte Symbol	Ta	Tb	Te	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	1	0.1	0.1	0.1	0.2	1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Assay) Meas													
OREAS 255 (Fire Assay) Cert													
OREAS 255 (Fire Assay) Meas													
OREAS 255 (Fire Assay) Cert													
OREAS 255 (Fire Assay) Meas													
OREAS 255 (Fire Assay) Cert													
OREAS 255 (Fire Assay) Meas													
OREAS 255 (Fire Assay) Cert													
OREAS 255 (Fire Assay) Meas													
OREAS 255 (Fire Assay) Cert													
OREAS 255 (Fire Assay) Meas													
OREAS 255 (Fire Assay) Cert													
GWJP008 Orig													
GWJP008 Dup													
GWEK19 004 Orig	< 0.1	0.6	< 0.1	4.5	1.23	0.2	2.0	90	0.4	10.6	1.3	86.7	20
GWEK19 004 Dup	< 0.1	0.6	< 0.1	4.6	1.29	0.2	2.1	109	1.8	10.8	1.3	85.3	19
144001 Orig													
144001 Dup													
144007 Orig	< 0.1	0.5	< 0.1	4.6	0.68	0.2	2.9	42	< 0.1	14.7	1.5	80.6	25
144007 Dup	< 0.1	0.5	< 0.1	4.6	0.63	0.3	3.0	43	< 0.1	14.8	1.6	73.1	27
144013 Orig													
144013 Dup													
144025 Orig	< 0.1	0.4	< 0.1	4.1	0.21	0.2	1.6	81	< 0.1	13.1	1.4	109	51
144025 Dup	< 0.1	0.4	< 0.1	4.0	0.22	0.2	1.7	60	< 0.1	12.8	1.4	102	40
144026 Orig													
144026 Dup													
144036 Orig													
144036 Dup													
144038 Orig	< 0.1	0.5	< 0.1	3.4	0.21	0.3	1.6	33	< 0.1	14.7	1.6	75.1	4
144038 Dup	< 0.1	0.5	< 0.1	3.4	0.22	0.3	1.6	36	< 0.1	14.8	1.7	76.8	3
144048 Orig													
144048 Dup													
144057 Orig	< 0.1	0.4	< 0.1	3.0	0.24	0.2	1.4	46	< 0.1	13.0	1.6	118	58
144057 Dup	< 0.1	0.4	< 0.1	3.0	0.23	0.2	1.5	38	< 0.1	13.5	1.5	119	53
144062 Orig													
144062 Dup													
144070 Orig	< 0.1	0.4	< 0.1	3.1	0.26	0.2	1.4	28	< 0.1	13.1	1.5	82.6	9
144070 Dup	< 0.1	0.4	< 0.1	2.8	0.23	0.2	1.3	30	< 0.1	13.0	1.4	75.7	3
144071 Orig													
144071 Dup													
144085 Orig													
144085 Dup													

Analyte Symbol	Ta	Tb	Te	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	1	0.1	0.1	0.1	0.2	1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
144090 Orig	< 0.1	0.4	< 0.1	3.1	0.33	0.2	1.4	48	< 0.1	11.8	1.5	154	50
144090 Dup	< 0.1	0.4	< 0.1	3.1	0.32	0.2	1.5	39	< 0.1	12.6	1.6	155	49
144097 Orig													
144097 Dup													
144103 Orig	< 0.1	0.4	< 0.1	3.2	0.20	0.2	1.5	17	< 0.1	14.3	1.6	84.4	6
144103 Dup	< 0.1	0.4	< 0.1	3.0	0.18	0.2	1.4	21	< 0.1	14.0	1.6	83.5	4
144107 Orig													
144107 Dup													
144119 Orig													
144119 Dup													
144120 Orig	< 0.1	0.5	< 0.1	3.3	0.24	0.3	1.4	82	< 0.1	14.9	1.6	81.7	57
144120 Dup	< 0.1	0.5	< 0.1	3.2	0.24	0.3	1.5	79	< 0.1	15.3	1.6	80.9	55
144132 Orig													
144132 Dup													
144133 Orig	< 0.1	0.4	< 0.1	2.6	0.17	0.2	1.4	10	< 0.1	12.9	1.4	74.5	12
144133 Dup	< 0.1	0.4	< 0.1	2.4	0.17	0.2	1.3	11	< 0.1	12.8	1.5	73.7	7
144142 Orig													
144142 Dup													
144151 Orig	< 0.1	0.6	< 0.1	4.4	0.27	0.3	2.0	37	< 0.1	20.3	2.0	74.7	35
144151 Dup	< 0.1	0.6	< 0.1	4.3	0.27	0.3	2.0	53	< 0.1	19.7	1.9	76.2	48
144154 Orig													
144154 Dup													
144164 Orig	< 0.1	0.4	< 0.1	2.8	0.22	0.2	1.3	34	< 0.1	13.8	1.5	91.3	42
144164 Dup	< 0.1	0.4	< 0.1	2.6	0.17	0.2	1.4	26	< 0.1	13.9	1.6	93.1	9
144167 Orig													
144167 Dup													
144177 Orig													
144177 Dup													
144182 Orig	< 0.1	1.0	< 0.1	4.8	0.34	0.5	2.4	56	0.2	32.6	2.9	90.1	53
144182 Dup	< 0.1	1.0	< 0.1	4.9	0.33	0.5	2.5	93	0.2	32.4	3.0	83.5	77
144189 Orig													
144189 Dup													
144205 Orig	< 0.1	0.5	< 0.1	3.3	0.23	0.3	1.8	62	< 0.1	16.9	1.8	114	50
144205 Dup	< 0.1	0.5	< 0.1	3.4	0.23	0.3	1.8	41	< 0.1	16.9	1.9	82.1	40
144212 Orig													
144212 Dup													
Method Blank													
Method Blank													
Method Blank													
Method Blank													
Method Blank													
Method Blank													
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Method Blank													
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Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.2	< 1
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	0.2	< 1

Analyte Symbol	Ta	Tb	Te	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.1	0.1	0.05	0.1	0.1	1	0.1	0.1	0.1	0.2	1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.2	< 1
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.2	< 1
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.2	< 1