



ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Quartz Mountain property: rock sampling and drill core analyses

TOTAL COST: \$14,372.

AUTHOR(S): T. Höy, D. Anderson, S. Kennedy, M. Kennedy
SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): not applicable
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5444867; April 24, 2013

YEAR OF WORK: 2012

PROPERTY NAME: Quartz Mountain

CLAIM NAME(S) (on which work was done):

209664	350003	505469	505510	505524
334057	394287	505470	505514	505525
334236	505462	505502	505518	505526
339049	505464	505507	505520	505535
339050	505468	505509	505522	506790

COMMODITIES SOUGHT: gold, copper

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

082FNE055, 082FNE056, 082FNE057, 082FNE154

MINING DIVISION: Fort Steele

NTS / BCGS: 82F060

LATITUDE:

LONGITUDE:

UTM Zone: 11

EASTING: 568000

NORTHING: 5492000

OWNER(S): Klondike Gold Corp.

MAILING ADDRESS:

711-675 W. Hastings Street
Vancouver, B.C., V6B 1N2

OPERATOR(S): Klondike Gold Corp.

MAILING ADDRESS:

As above

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude.

Purcell Supergroup, Aldridge Formation, Creston Formation, Middle Proterozoic, St. Mary fault, Price's Pit, Golden Egg, gold vein, IOCG

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

Assessment reports 9850, 14211, 22492, 23741, 24289, 24680, 27382, 30258

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS		PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)	1.5 sq km	505510	505524	
Ground, mapping		334236	394287	3089.80
		209664	334057	
GEOPHYSICAL (line-kilometres)				
Ground				
Magnetic				
Electromagnetic				
Induced Polarization				
Radiometric				
Seismic				
Other				
Airborne				
GEOCHEMICAL (number of samples analysed for ...)				
Soil				
Silt				
Rock, drill core	101	1		2418.24
Drill core				
DRILLING (total metres, number of holes, size, storage location)				
Core				
Non-core				
RELATED TECHNICAL				
Sampling / Assaying				
Petrographic				
Mineralographic				
Metallurgic				
PROSPECTING (scale/area)	4 sq km	All claims		3400.00
Other	Report			2500.00
Base map preparation	admin.			1875.00
				489.16
		TOTAL COST		1437.20

Quartz Mountain property: rock sampling and drill core analyses.

Fort Steele Mining Division

Claims:

(list, Appendix 3)

Center of property: 568000E; 5492000N

1:20,000 trim map: 082E060

Claim Owner:

Klondike Gold Corp.
Suite 711 – 675 W. Hastings St.
Vancouver, B.C., V6B 1N2

**BC Geological Survey
Assessment Report
34197**

Operator:

Klondike Gold Corp.
Suite 711 – 675 W. Hastings St.
Vancouver, B.C., V6B 1N2

Report by:

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Date: June 30, 2013

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Introduction

The Quartz Mountain property, located in the drainage basin of Sawmill Creek, a tributary of Perry River, and northward to the St. Mary River, is a group of claims which have been known by a variety of names, including Rice, Anderson, Price's Pit, Golden Egg and Quartz Creek. The property includes two small past producers, Price's Pit and Golden Egg, which in total mined 1862 tonnes with extraction of 1767 ounces of gold.

The property is located 20 km northwest of Cranbrook in southeastern British Columbia (Figure 1). Access is from Highway 95 north of Cranbrook, following the St. Mary River road, then the Perry Creek logging road. At about 9 km, the Sawmill Creek road leads north onto the claims. Relief on the property is moderate, ranging from approximately 1300 to 2100 m. A large part of the property has been logged, most recently in 2012.

The 2012 exploration program consisted of prospecting, leading to the discovery of an extension of the Price's Pit vein, sampling and rock geochemistry, and analyses of sections of core from drilling conducted by Klondike Gold Corp. in 2008.



Photo 1: Sawmill Creek drainage, showing recent logging and new growth; the Golden Egg showing is in clearing in the centre, distant part of photo

Claims

The Quartz Mountain property consists of 65 claims south of St. Mary River and extending over the rise into the drainage of Sawmill creek (Figure 2). The claims cover an area of approximately 3701 hectares. All claims are now in good standing until July, 2017 or August, 2018.

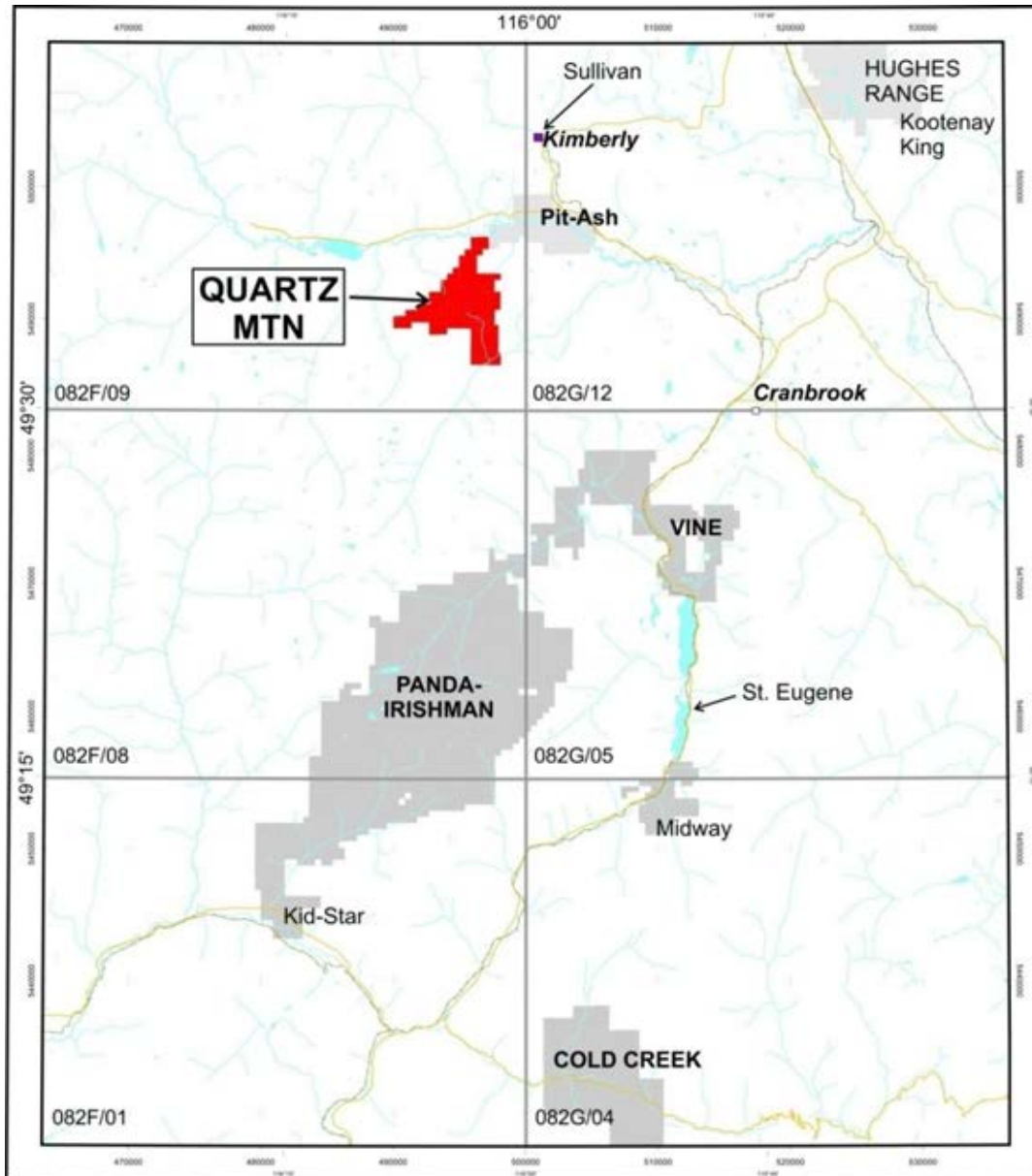


Figure 1: Location map, Quartz Mountain property, southeastern B.C.; shown in grey shade are other Klondike Gold Corp's mineral tenures in the East Kootenays.

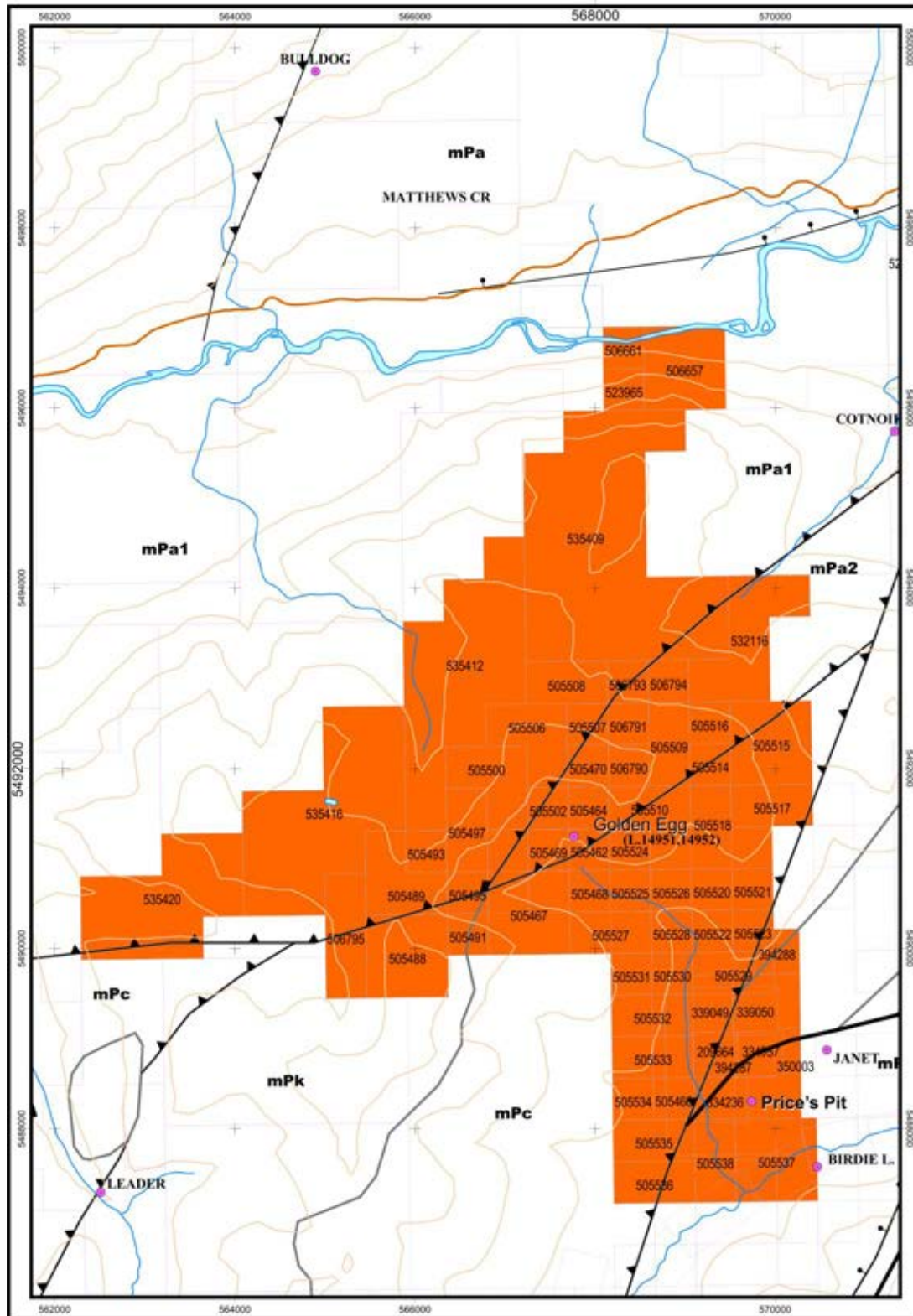


Figure 2: Quartz Mountain property claim map; see Figure 1 for location and Appendix 3 for list of claims. Also shown are major faults in the area and location of known mineral occurrences.

History of Exploration

The Sawmill Creek property, also referred to as the Quartz Mountain or Quartz Creek property, has a history of placer gold production that dates back to the beginning of the 20th century. There has also been limited production from two veins on the property. Golden Egg (BC Minfile 082FNE056) had limited production in 1937, 1938 and 1940 with recovery of 5194 g of silver and 313 g of gold from 381 tonnes of ore and Rice, commonly referred to as Price's Pit (082FNE055), produced 13,405 g silver and 14,945 g of gold from 1481 tonnes mined in 1973 and 1974. Two other BC Minfile occurrences are known on the property, Janet (082FNE154) and Birdie L (082FNE057). Both are base and precious metal vein occurrences.

Exploration in the 1980s included geological mapping, soil and rock geochemistry, ground geophysical surveys and some diamond drilling. This work is summarized in Table 1. In 1994 Wealth Resources drilled three holes around the Quartz Mountain pit and two holes further south. In 1996, Reef Mines Ltd. drilled to test geological and geophysical targets on the Birdie L property (BC Minfile 082FNE057).

Klondike Gold Corp. acquired the property in 2004, and that year completed a 5-hole drill program around Price's Pit on the southern side of the property (Klewchuck, 2004). Drilling intersected the vein exposed at surface, with the best intersection of 0.49 meters grading 16.5 g/tonne gold. In 2007, Klondike Gold Corp flew an airborne Aerodat EM and Mag survey over a portion of the current property (Scrivens, 2007), followed by a drill program. The drill program included five holes, testing 4 targets, for a total of 1601.71 meters (Anderson, 2008).

Drill hole 1 (QM-07-1) tested a zone of intense alteration and brecciation north of the St. Mary fault, with limited sampling returning anomalous gold values, to a maximum of 83.99 ppb over a 1 meter interval. Work during the 2013 season (this report) analyzed a number of other altered and brecciated sections of drill core from this hole. Holes 2 and 3, drilled from one site, were intended to test iron oxide occurrences and copper mineralization exposed at surface. Highly silicified sections, locally containing hematite, returned anomalous copper and gold, with the highest copper grade of 1126 ppm Cu over a 4.5 m interval. DDH 4, drilled on a weak airborne EM anomaly, intersected thick, clay-rich overburden. DDH 5 was an attempt to test the Sullivan horizon in the northern part of the property, but was stopped prior to completion due to snow and access problems.

The 2013 exploration program included assaying sections of drill hole QM-07-1, prospecting and rock geochemistry.

Number	Property	Author	Operator	Date	work
9850	John, Luke, Mark, Tanis	Troup, A.	Gallant Gold Mines	1981	geochemical geological geophysical
14211	Lone Eagle Quartz Creek	Troup, A. Dandy, L.	Gallant Gold Mines	1986	geochemical mapping geophysical
22492	Quartz Creek	Klewchuk, P.	Klewchuk, P.	1992	geophysical
23741	Quartz Creek	Rodgers, G.	Wealth Resources	1995	drilling geochemical geophysical physical
24289	Cornucipia	Jackson, D.	Jackson, D.	1996	prospecting
24680	Quartz Creek	Klewchuk, P. Rodgers, G. Kennedy, M.	Klondike Reef Mines	1996	drilling geochemistry
27382	Sawmill	Klewchuk, P.	Klondike Gold Corp.	2004	drilling geochemical
30258	Quartz Mountain	Anderson, D.	Klondike Gold Corp.	2008	drilling geochemical

Table 1: List of assessment reports and work done in the immediate area of the Sawmill Creek, Quartz Mountain property

Regional Geology

The Quartz Mountain property is located on the eastern flank of the Purcell Anticlinorium, a broad generally north-trending/plunging structure in southeastern B.C. that is cored by Middle Proterozoic Purcell Supergroup rocks and flanked by Late Proterozoic Windermere Group or Paleozoic sedimentary rocks. The property straddles the St. Mary fault, a major, northeast-trending fault that has a history of recurrent movement dating back to the Middle Proterozoic.

Exploration in the central Purcell Mountains has focused mainly on sedex-type silver-lead-zinc deposits, similar to the Sullivan deposit. Considerable recent exploration for gold has occurred in a prominent east-northeast zone, informally referred to as the Cranbrook gold belt, which extends from the Northern Hughes Range east of the Rocky Mountain trench, crossing the Purcell Mountains and into the upper drainages of Kid

Creek. The Quartz Mountain property lies within this zone, east of several gold properties that are currently being explored by PJX Resources Inc.

Property Geology

The geology of the area is shown in Figure 3, taken mainly from compilations by Höy and Jackaman (2004) and Brown *et al.* (2010). The area is underlain mainly by Middle Proterozoic Purcell Supergroup rocks. These include turbidites of the Aldridge Formation (mPa) shallow-water siltites, argillites and quartzites of the overlying Creston Formation (mPc), mainly carbonate-rich siltstones of the Kitchener Formation (mPk), and siltstones of the Van Creek Formation. A basaltic unit, the Nicol Creek Formation, forms a distinctive marker unit in the upper part of the Purcell Supergroup. Laterally extensive gabbroic sills, the Moyie sills, intrude the Aldridge Formation. Unconformably overlying Cambrian carbonate and clastic rocks of the Cranbrook Formation are exposed immediately east of the property.

The St. Mary fault, a right-lateral reverse fault, cuts through the central part of the area. The Aldridge Formation is exposed north of the fault whereas younger Purcell Supergroup Formations are exposed to the south. The Perry Creek fault, a steeply west-dipping thrust, has offset the St. Mary fault near the central part of the property (Figure 3). It also appears to truncate an east-trending fault that is located in the southern part of the area; both the Price's Pit and Jennie vein deposits occur along or in the immediate vicinity of this fault.

Prospecting

Michael and Sean Kennedy spent four days on the property, prospecting and rock sampling, mainly in the central part of the area between the Golden Egg and Price's Pit mineral occurrences. 59 rock samples were collected and sent to Acme Analytical Laboratories in Vancouver for 36-element ICP-MS analysis. A list of samples with descriptions and locations is given in Appendix 4 and analyses in Appendix 5. Samples with anomalous gold values (>20 ppb Au) are plotted in Figure 3.

Base metal values are anomalous in a number of the samples, and these typically are anomalous in gold as well. However, only two samples contain more than 0.1% copper or lead; SKKG-90 with visible chalcopyrite, bornite and pyrite assayed 1264 ppm copper and 23.3 ppb Au, and MKKG-42, limonite-stained quartz assayed 1607 ppm lead and 187 ppb Au.

Gold content in samples ranged from non-detectable (<0.05 ppb Au) to 2278 ppb Au in a sample in a newly exposed road cut. Copper content was also commonly anomalous with one sample of breccia and quartz veining located approximately 150m north of drill hole QM07-2 assaying 0.36% Cu, and a second sample 50m farther north, assaying 0.13% Cu (SKKG-74 and SKKG-90, Appendix 5).

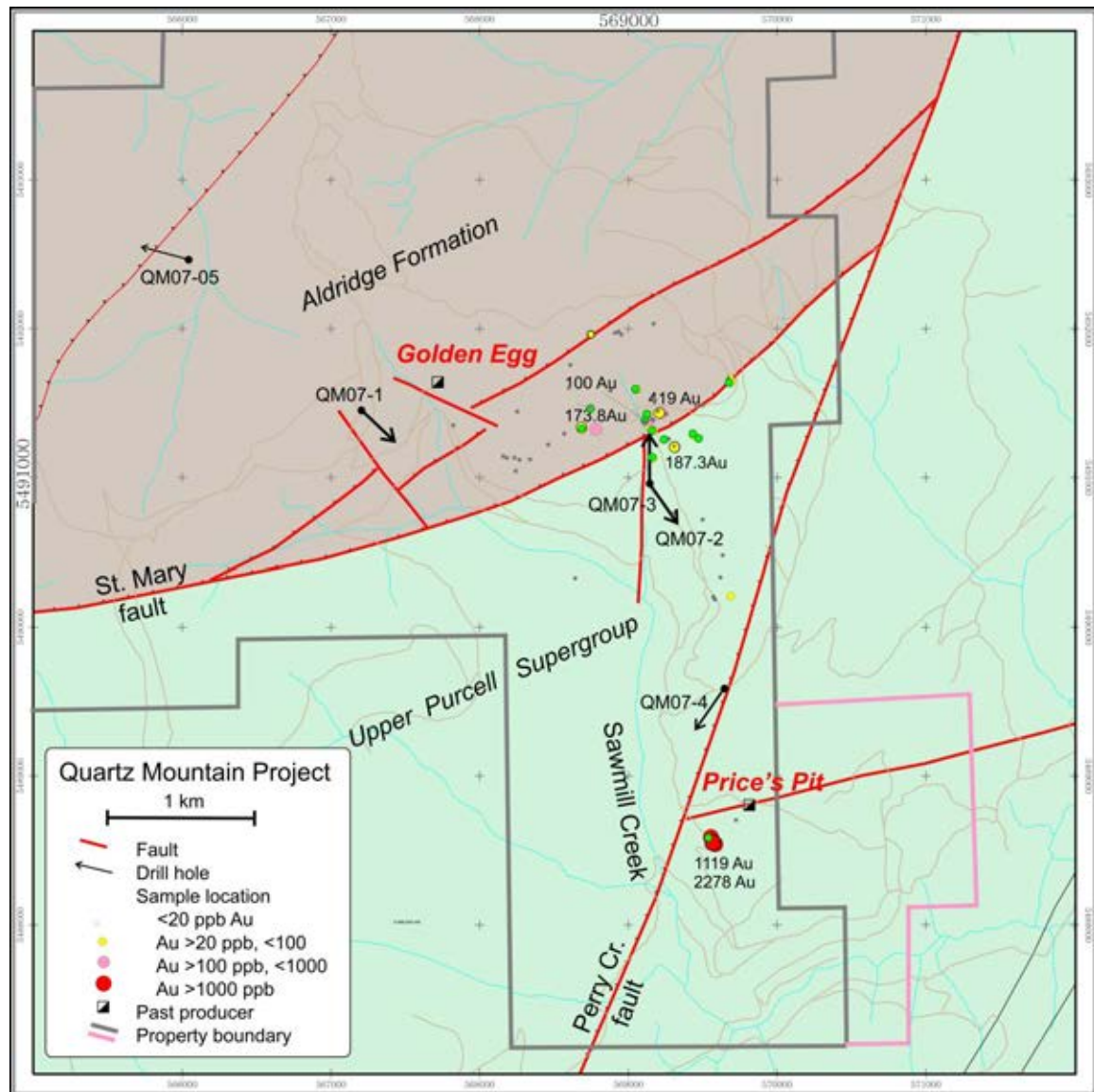


Figure 3: Geology map of the central part of the Quartz Mountain property showing sample locations; also shown is simplified geology and location of the past producers, Price's Pit and Golden Egg. Location of 2007 drill holes is also shown. 2012 sample with gold values greater than 20 ppb are highlighted. Full scale map showing all sample locations and gold values is shown in Appendix 5.

Most samples with anomalous gold were collected in an area approximately 1-2 km east-southeast of Golden Egg where surface copper and gold mineralization is related to a wide zone of hematite alteration, isolated zones of brecciation, shearing, and variable but locally intense chlorite, silica and albite alteration. The area straddles the St. Mary fault, and alteration and mineralized zones are inferred to be related to this structure and its intersection with more north-trending faults. Two holes that were drilled in the area in 2007, shown in Figure 3, intersected several hematite breccia zones, locally intense silica and chlorite alteration, with anomalous but generally low gold and copper content (Anderson, 2008). The current surface prospecting program identified numerous samples with anomalous gold (10 to 100 ppb Au) and a number of samples with greater than 100 ppb Au. The highest gold content in samples collected in this area, in a hematite breccia with quartz veining and limonitic alteration (MKKG-068, Appendices 4 and 5), assayed 419 ppb gold.

Recent washouts along the Sawmill Creek access road exposed an approximate 10 meter wide zone of intense shearing, alteration and silica veining. The zone appears to be on strike with the Price's Pit mineralized shear vein approximately 350 meters to the northeast. Two samples of the zone (MKKG 063, 064; Appendices 4 and 5) assayed 1119 ppb Au and 2278 ppb Au respectively.

Diamond drill hole QM-07-1: sampling and analyses

Drill hole QM-07-1 was drilled in 2007 by Klondike Gold Corp. to test a zone of intense alteration and brecciation. Its location is shown in Figure 3, and a detailed drill log is presented by Anderson (2008). The hole was drilled to 313.03 meters at -70° to azimuth 170° . Because of the limited amount of sampling done in the earlier program, additional sampling of the hole was done in 2012. A summary of sample data, and general descriptions are given in Table 2. The sampling averaged 1.0 m lengths, although some up to 2.0 m in length were analyzed. The descriptions below, summarized from the detailed drill log (Anderson, *op. cit.*) are necessarily generalizations for given logged intervals, not specific to a particular sample interval. A list of individual samples and core intervals is presented in Appendix 6, and analyses are given in Appendix 7.

Numerous samples with anomalous gold occurred throughout the drill hole. Many of these were in an interval from approximately 67 to 83 m, characterized by brecciation, silica flooding, chlorite alteration and disseminated pyrite. A 0.7 m interval at the base of this section assayed 441.5 ppb Au, the highest value obtained in drill hole QM-07-1.

Sample numbers	Intervals	Descriptions of core
1581551-1577	9.15m to 36.8m	Sediments are fractured, micro-brecciated, altered by silica (albite). No bedding obvious. Minor chlorite and pyrite. Only minor quartz veining. Limonite stained and on fractures. Scattered anomalous gold from previous sampling as well to 84ppb.
1581578-1584	67.1m to 75.5m	Aldridge sediments with bedding remnants. Altered by silica flooding; micro-brecciated. Quartz, albite, chlorite alteration. Pyrite disseminated. No quartz veins. Copper anomalous (141 ppm) in base of interval.
1581585-1586	80.2m to 82.4m	Probably Middle Aldridge sediments with quartz-rich flooding. Minor pyrite. Only a few quartz veins. 81.8-82.2m quartz-rich flooding with best gold value at 441.5ppb.
1581587-1588	91.0m to 93.4m	Sediments still altered with some intense quartz-albite. Lower pyrite. Few quartz veins.
1581589	97.0m – 98.6m	Quartz-albite flooding, darker sediments. Pyrite present but not high content. No Quartz veining
1581590	101.7 - 102.7m	As above.
1581591	155.4 –156.6m	As above with intense fracturing.
1581592	165.6 –166.6m	Bleached, quartz-albite altered. Small faults. Pyrite but not high percentage. No good Quartz veining.

Table 2: Summary descriptions of drill core intervals from DDH QM-07-1.

Summary and conclusions

The Quartz Mountain property is centered on the St. Mary fault, a major structure that crosses the Purcell Mountains and extends eastward into the western ranges of the Rocky Mountains. It lies within the Cranbrook gold belt, a structural zone that extends southwestward from the Northern Hughes Range, crossing the Rocky Mountain trench, into the western part of the Purcell Mountains. Sawmill Creek, which drains the southern part of the Quartz Mountain property, is an important historical placer producer, and two high-grade veins on the property, Golden Egg and Price's Pit, had limited gold production in the mid to late 1990s.

The 2012 exploration program on the Quartz Mountain property included prospecting and rock sampling, as well as analyses of drill core from a hole drilled by Klondike Gold Corp. in 2007. This work confirmed that a broad zone of alteration, centered on the St. Mary fault, contains anomalous gold concentrations in quartz veins and in areas of brecciation and silica flooding. As well, newly discovered shear and vein mineralization located approximately 350 m on strike to the southwest of the Price's Pit gold vein, suggests that the vein may be considerably larger than previously recognized.

The Quartz Mountain property has been traditionally explored for vein mineralization. However, recent work by Klondike Gold has recognized the potential for discovery of IOCG style mineralization, with the recognition of widely scattered hematite alteration, regionally zoned alteration patterns of silica, chlorite, albite and sericite, and anomalous concentrations of copper and gold. These are clearly related to structures, including the northeast-trending St. Mary fault and more northerly trending "cross-faults". It is possible that they are also related to underlying felsic intrusions, based on occurrences of dykes in the immediate area and an airborne magnetic high that is centered just north of the Golden Egg, extending eastward across the trend of the St. Mary fault.

Further work on the property is clearly warranted and should include geological mapping, with the focus of understanding alteration patterns and structures and their relationship to mineralization. As a considerable part of the property is overlain by extensive overburden, particularly in the southern part near Price's Pit, a review of all geochemical (soil) and geophysical (airborne geophysical) data should be undertaken and re-evaluated, again in an attempt to better define controlling structures and alteration. The trend and extent of the Price's Pit vein needs to be determined, perhaps with ground geophysical (IP or VLF-EM) surveys, followed by trenching and step-out drilling.

References

- Anderson, D. (2008): Diamond drilling report for the Quartz Mountain property; *B.C. Ministry of Energy and Mines*, Assessment report 30,258, 63 pages.
- B.C. Minfile data base; *B.C. Ministry of Energy and Mines*.
- Brown, D.A., MacLeod, R.F. and Wagner, C.L. (compilers), (2010): Geology, St. Mary Lake, British Columbia; *Geological Survey of Canada*, Open file 6308, scale 1:50,000.
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- Höy, T. and Jackaman, W. (2004): Geology of the St. Mary sheet (NTS 082F/09); *B.C. Ministry of Energy and Mines*, Geoscience map 2004-01.
- Klewchuk, P. (1992): Assessment report on VLF-EM geophysics, Quartz Creek, Saw and Burn Group, Sawmill Creek, Pitt Creek area, *B.C. Ministry of Energy and Mines*, Assessment report 22,492, 17 pages.
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- Klewchuk, P. (2004): Assessment report on diamond drilling, Sawmill property, Price's Pit; *B.C. Ministry of Energy and Mines*, Assessment report 27, 382, 28 pages.
- Rodgers, G.M. (1995): Diamond drilling, geophysics and geology report, Quartz Creek claim group; *B.C. Ministry of Energy and Mines*, Assessment report 23,741, 41 pages.
- Scrivens, S. (2007): Report on a helicopter-borne AeroTEM II Electromagnetic and Magnetometer survey, Quartz Mountain, Kimberley, B.C.; *Klondike Gold Corp.*, internal report.
- Troupe, A. (1981): Perry Creek gold property, Fort Steele Mining Division; *B.C. Ministry of Energy and Mines*, Assessment report 9850, 42 pages.

Appendix 1: Statement of Costs

Geology – D. Anderson, P.Eng.	
field mapping: 2.0 days @ \$500/ day	\$1000.00
core sampling: 1.0 days @ \$500/day	\$500.00
Truck rental: 2 days plus mileage	\$300.00
Geology – T. Höy, P. Eng.	
field: 1 day @ \$600.00	\$600.00
airfare:	\$584.90
accommodation:	\$104.90
Geology – D. Leishman	
field: 1 day	\$600.00
Prospecting, Sampling:	
M. Kennedy: 4 days	\$1400.00
S. Kennedy: 4 days	\$1400.00
vehicle: 4 days	\$600.00
Analyses: core samples	\$1025.00
Analyses: rock samples	\$1393.24
Report preparation:	\$2500.00
Base map preparations (W. Jackaman)	\$489.16
Administration (15%)	<u>\$1875.00</u>
Total Cost	\$14,372.20

**Appendix 2a:
Author's Qualifications: Trygve Höy**

I, Trygve Höy, PhD., P. Eng. do hereby certify that:

1. I attained the degree of Doctor of Philosophy (PhD) in geology from Queens University, Kingston, Ontario in 1974.
2. I have an MSc. in Geology from Carleton University, Ottawa, Ontario (1970), and a BSc. in Geology from the University of British Columbia (1968).
3. I am a member of the Association of Professional Engineers and Geoscientists of BC. and a member of the Society of Economic Geologists.
4. I have worked as a geologist for a total of 37 years since my graduation from university, 27 years as a project geologist with the B.C. Geological Survey Branch and 10 years as an independent consulting geologist.
5. I supervised, for Klondike Gold Corp., the 2012 exploration program on the Quartz Mountain property, have visited the property numerous times, most recently for one day in 2012.
6. I, and my co-authors, D. Anderson and S. Kennedy, are responsible for the preparation of this report entitled: **“Quartz Mountain property: rock sampling and drill core analyses”**, dated June 30, 2013.

Dated this 30th Day of June, 2013.

Trygve Höy, P.Eng; PhD

Appendix 2b:
Author's Qualifications: D.A. Anderson

I, Douglas Anderson, Consulting Geological Engineer, have my office at #100- 2100
13th. St. South, Cranbrook, B.C. V1C 7J5

I graduated from the University of British Columbia in 1969 with a Bachelor of Applied
Science in Geological Engineering.

I have practiced my profession since 1969, predominantly with one large mining
company, in a number of capacities all over Western Canada and since 1998
within southeastern B.C. as a mineral exploration consultant.

I am a Registered Professional Engineer and member of the Association of Professional
Engineers and Geoscientists of B.C. and I am authorized to use their seal.

I spent 2 days on the property and one day re-examining and sampling historical drill
hole 07-1 in 2012.

I and my co-authors are responsible for this report, titled "**Quartz Mountain property:
rock sampling and drill core analyses, Fort Steele Mining Division**", dated
June 30, 2013.

D. Anderson

Douglas Anderson, P.Eng.

June 30, 2013

Appendix 2c: Statement of qualifications

Sean Kennedy

I, Sean Kennedy, certify that:

1. I am an independent prospector residing at 107-6th Ave, Kimberley, BC.
2. I have been actively prospecting throughout BC, Nevada, Mexico, and Arizona for the past 15 years.
3. I have been employed as a professional prospector by junior mineral exploration companies.
4. I own and maintain mineral claims in BC.
5. I worked on the Quartz Mountain property, prospecting and collecting samples, for 4 days in June, 2012.

I and my co-authors are responsible for data presented in this report and for the preparation of the report titled, **“Quartz Mountain property, rock sampling and drill core analyses”**, dated June 30, 2013.

Dated this 30th day of June, 2013

Sean Kennedy

Sean Kennedy

Appendix 2d: Statement of qualifications

Michael Kennedy

I, Michael Kennedy, certify that:

1. I am an independent prospector residing in Cranbrook, BC.
2. I have been actively prospecting throughout BC, Nevada, Mexico, and Arizona for the past 15 years.
3. I have been employed as a professional prospector by junior mineral exploration companies.
4. I own and maintain mineral claims in BC.
5. I worked on the Hughes Range property, prospecting and collecting samples, for 10 days in May, June and July, 2012.

I and my co-authors are responsible for data presented in this report and for the preparation of the report titled, “**Quartz Mountain property, rock sampling and drill core analyses**”, dated June 30, 2013.

Dated this 30th day of June, 2013

Michael Kennedy

Michael Kennedy

**Appendix 3:
List of Mineral Tenures – Quartz Mountain property**

<u>Number</u>	<u>Name</u>	<u>Good to</u>	<u>size (ha)</u>
209664	Rome	19-Aug-18	25.00
334057	Price	19-Aug-18	25.00
334236	Anderson	19-Aug-18	25.00
339049	Alder 2	19-Aug-18	25.00
339050	Willow 2	19-Aug-18	25.00
350003	DCJ1	19-Aug-18	25.00
394287	Bon 1	19-Aug-18	300.00
394288	Bon 2	17-Jul-17	25.00
505462		19-Aug-18	20.96
505464		19-Aug-18	20.96
505466		19-Aug-18	20.96
505467		19-Aug-18	104.79
505468		19-Aug-18	20.96
505469		19-Aug-18	20.96
505470		19-Aug-18	20.95
505488		19-Aug-18	83.83
505489		19-Aug-18	62.86
505491		19-Aug-18	20.96
505493		19-Aug-18	20.95
505495		19-Aug-18	20.96
505497		19-Aug-18	62.86
505500		19-Aug-18	62.86
505502		19-Aug-18	20.95
505506		19-Aug-18	62.85
505507		19-Aug-18	20.95
505508		19-Aug-18	41.90
505509		19-Aug-18	41.90
505510		19-Aug-18	41.91
505514		17-Jul-17	20.95
505515		17-Jul-17	83.81
505516		17-Jul-17	20.95
505517		17-Jul-17	41.91
505518		17-Jul-17	83.92
505520		17-Jul-17	20.96
505521		17-Jul-17	20.96
505522		17-Jul-17	20.96
505523		17-Jul-17	20.96

505524		19-Aug-18	20.96
505525		19-Aug-18	20.96
505526		19-Aug-18	20.96
505527		19-Aug-18	41.92
505528		19-Aug-18	20.96
505529		19-Aug-18	41.92
505530		19-Aug-18	20.96
505531		19-Aug-18	20.96
505532		19-Aug-18	41.92
505533		19-Aug-18	41.93
505534		19-Aug-18	20.96
505535		19-Aug-18	41.93
505536		19-Aug-18	41.94
505537		19-Aug-18	83.87
505538		19-Aug-18	41.93
506657		30-Aug-17	83.75
506661		30-Aug-17	20.94
506790		19-Aug-18	20.95
506791		19-Aug-18	20.95
506793		19-Aug-18	20.95
506794		19-Aug-18	20.95
506795		19-Aug-18	62.87
523965	Shy 17	30-Aug-17	20.94
532116		17-Jul-17	104.75
535409	Quartz mountain 4	17-Jul-17	460.81
535412	Quartz mountain 2	17-Jul-17	272.34
535416	Quartz mountain 3	17-Jul-17	272.36
535420	Quartz mountain 1	17-Jul-17	188.59

Appendix 4

Sample list

Notes:

All samples collected by M. Kennedy (MKKG) series or S. Kennedy (SKKG) series.

Complete analyses are given in Appendix 5.

Sample ID	UTM E	UTM N	Description
MKKG 039	569585	5490199	On road shear zone material with argillic alt and qtz breccia with lim.
MKKG 040	569648	5490473	Hem/qtz breccia abundant float
MKKG 041	569513	5490712	1 metre chip composite sample foliated qtz vein zone with lim/hem stain colour.
MKKG 042	569322	5491202	On road yellow stained qtz with lim, grab
MKKG 043	569285	5491255	Qtz Subcrop with lim.
MKKG 044	569181	5491382	1 metre sized pieces of qtz with lim on road.
MKKG 045	569311	5490735	On road argillic zone with small qtz veins and lim.
MKKG 046	568697	5491336	On road vuggy qtz with lim and hem stain, abundant float.
MKKG 047	568699	5491325	Crushed qtz material on road with lim.
MKKG 048	568581	5491290	Argillic alt float with small lim rich qtz veins in ditch line of road.
MKKG 049	568473	5491217	Subcrop in road 2 inch qtz vein with lim.
MKKG 050	568946	5491978	Argillic alt subcrop with qtz veins and lim.
MKKG 051	568760	5491960	2 foot piece of qtz with lim and vugs.
MKKG 052	568622	5491753	1 metre piece of qtz with hem stain and lim, on road.
MKKG 053	569049	5491588	Qtzite qtz breccia with lim 1 foot piece.
MKKG 054	569513	5491482	Old road landing thats argillic alt with a few small qtz veins with lim.
MKKG 055	569486	5491260	Old landing in logged area with qtz with lim subcropping.
MKKG 056	568892	5491580	1 piece of hem/mag/ breccia with a small late qtz vein cutting with lim and visable gold.
MKKG 057	568350	5491118	Hem breccia float abundant.
MKKG 058	568279	5491115	argillic alt float with small qtz veins and lim.
MKKG 059	568245	5491129	Old pit with hem breccia, subcrop ?
MKKG 060	568195	5491126	1 foot piece of qtz lim vugs.
MKKG 061	568170	5491138	1 foot piece of qtz lim vugs.
MKKG 062	568254	5491039	2 foot piece of qtz lim vugs.
MKKG 063	569582	5488549	On road qtz vein zone with lim ,in a phyllitic shear zone.
MKKG 064	569581	5488548	On road qtz vein zone with lim ,in a phyllitic shear zone.
MKKG 065	569551	5488579	Argillic zone in road in road with micro veins
MKKG 066	569123	5491383	On road small subcrop zone of qtz with lim.
MKKG 067	569137	5491424	On road small subcrop zone of qtz with lim.
MKKG 068	569221	5491432	Hem breccia with qtz veins and lim, 4 to 5 inch pieces in an old landing.
MKKG 069	569686	5491666	Sheared argillic rock subcrop on old fire guard with qtz and lim.
MKKG 070	569690	5491635	Hem breccia subcrop on old fire guard with lim and small qtz veins.
MKKG 071	568654	5490323	Argillic zone in old landing with lim.

SKKG 068	569595	5490180	breccia zone with albite, silicification, chlorite, pyrite, peripheral sediments are sericitized with a mauve weathering, roughly 2 meters wide, late thin magnetite veins, zone is 10/66 E
SKKG 069	569589	5490191	Same as last
SKKG 070	569633	5490329	Subcrop of same zone in old skid trail, silicified qtzite with sericite, qtz, goethite, carbonate, hematite, Fe wad in qtz veins, chloritization of sediments
SKKG 071	569320	5491207	Qtz breccia subcrop, bleached, pyrite, Mn, copper stain, part of a series of parallel qtz vein breccias
SKKG 072	569171	5491386	Large qtz breccia boulders, sericite, pyrite, goethite, Fe oxide breccia float around
SKKG 073	569172	5491313	Large boulders of qtz breccia, fresh pyrite, specularite, sericite
SKKG 074	569172	5491134	Qtz breccia/vein, goethite rich pods, sericite, carbonate, Mn
SKKG 075	567835	5491347	Fault zone, argillic altered, qtz veins with pyrite, sericite, think veins in a brecciated white chalky rock that could be a felsite
SKKG 076	569183	5492030	Subcropping zone of altered middle Aldridge, goethite, qtz breccia, hematite
SKKG 077	568965	5491958	Subcropping pyllite and chlorite altered middle Aldridge, qtz veins and breccia with goethite, pyrite, sericite
SKKG 078	568923	5491967	Extension of same zone, some goethite and sericite rich narrow qtz veins in quartzite
SKKG 079	568613	5491599	Phyllitic green argillite, locally becomes goethite stained with thin qtz veins with goethite, sericite, and patchy chlorite breccia
SKKG 080	569269	5491423	30 degree trending breccia with chlorite, albite, qtz, goethite, and argillic alteration
SKKG 081	569184	5491529	Subcropping qtz shear boulders, greenish sericitic hue, pyrite
SKKG 082	569188	5491518	Subcropping silicified breccia, pyrite, specularite, goethite, sericite
SKKG 083	569061	5491591	Qtz vein float, goethite rich, green sericite, vuggy, in a large argillic alteration zone
SKKG 084	568265	5491439	Old pit on rusty green argillic altered argillaceous siltstone, pyrite, sheared, yellow stain
SKKG 085	568758	5491461	290 degree trending trench on rusty qtz veins with pyrite, hematite, Ba?
SKKG 086	568758	5491461	290 degree trending trench on rusty qtz veins with pyrite, hematite, Ba?
SKKG 087	569738	5488696	Rusty goethite rich qtz veins with sericite, Mn, buggy and crushed, zone is parallel to bedding and roughly 10 meters wide some grey smokey breccia in a possible felsite
SKKG 088	569253	5491253	Qtz vein float in subcrop with argillic altered siltstone, vein is 15 cm wide, sericite rich, goethite, in phyllitic margins, part of a larger zone of en-echelon qtz veins with Fe oxide breccia
SKKG 089	569126	5491367	Qtz vein breccia more goethite rich veins with phyllitic/sericite margins in subcrop
SKKG 090	569123	5491375	Same zone, siliceous breccia with fresh pyrite, Cpy, bornite
SKKG 091	569211	5491443	Fe oxide breccia, bleached, qtz veins with goethite, zone is > 10 m wide, some of the qtz is cutting specularite matrix
SKKG 092	569446	5491292	subcropping middle Creston, argillic alteration, specularite breccia, qtz veins with goethite and bleaching
SKKG 093	569469	5491281	Same as last

Appendix 5
Analyses of rock samples



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Klondike Gold Corp.**
711 - 675 W. Hastings St.
Vancouver BC V6B 1N2 Canada

Submitted By: Iain Mitchell
Receiving Lab: Canada-Vancouver
Received: August 27, 2012
Report Date: September 09, 2012
Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN12004047.1

CLIENT JOB INFORMATION

Project: QTZ MTN
Shipment ID:
P.O. Number
Number of Samples: 59

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	59	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	59	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

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

Invoice To: Klondike Gold Corp.
711 - 675 W. Hastings St.
Vancouver BC V6B 1N2
Canada

CC:



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



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 711 - 675 W. Hastings St.
 Vancouver BC V6B 1N2 Canada

Project: QTZ MTN
 Report Date: September 09, 2012

Page: 2 of 4

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN12004047.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
G1	Prep Blank	<0.01	0.1	3.1	5.1	48	<0.1	4.0	4.3	635	1.89	<0.5	1.0	4.5	69	<0.1	<0.1	<0.1	32	0.45	0.069
G1	Prep Blank	<0.01	0.1	3.1	4.0	51	<0.1	4.0	4.4	586	1.87	<0.5	<0.5	4.7	66	<0.1	<0.1	<0.1	32	0.42	0.070
SKKG 68	Rock	1.14	<0.1	2.2	2.7	4	<0.1	2.0	1.0	43	0.51	0.6	<0.5	1.5	<1	<0.1	<0.1	<0.1	<2	<0.01	0.005
SKKG 69	Rock	1.23	0.2	7.2	1.9	10	<0.1	4.9	2.5	74	0.87	<0.5	0.9	4.4	1	<0.1	0.3	<0.1	3	<0.01	0.011
SKKG 70	Rock	1.26	1.0	217.9	3.9	16	<0.1	20.7	17.8	260	2.27	3.8	1.0	0.6	1	<0.1	0.3	0.6	11	<0.01	0.018
SKKG 71	Rock	0.90	0.3	513.4	81.0	5	0.9	2.4	1.2	55	1.07	4.2	13.8	0.3	3	<0.1	1.1	0.1	4	<0.01	0.019
SKKG 72	Rock	0.65	0.5	52.6	4.0	3	<0.1	3.4	6.0	84	0.90	1.2	1.9	2.3	<1	<0.1	0.2	0.1	2	<0.01	0.007
SKKG 73	Rock	1.07	1.1	48.4	5.3	7	<0.1	10.9	8.2	38	2.28	3.6	39.5	0.4	4	<0.1	0.2	2.6	8	<0.01	0.008
SKKG 74	Rock	0.51	3.1	3631	239.7	69	0.6	108.1	114.7	3267	19.73	37.7	42.2	1.0	10	0.9	6.8	0.6	<2	0.02	0.186
SKKG 75	Rock	1.05	0.9	29.3	3.4	6	<0.1	12.7	15.7	144	1.54	2.1	8.6	11.8	4	<0.1	0.2	0.1	8	0.02	0.016
SKKG 76	Rock	0.74	0.4	22.5	13.8	8	<0.1	4.3	3.3	144	3.07	16.5	2.3	9.2	3	<0.1	0.5	1.5	5	<0.01	0.030
SKKG 77	Rock	1.14	1.2	19.3	29.9	16	0.1	13.8	5.9	198	1.89	4.4	10.0	10.0	4	<0.1	0.2	0.7	5	<0.01	0.016
SKKG 78	Rock	0.69	1.3	55.4	18.7	22	0.1	24.5	59.3	210	7.21	18.6	19.0	5.4	3	<0.1	0.7	3.3	<2	<0.01	0.020
SKKG 79	Rock	0.66	1.5	25.2	13.0	65	<0.1	35.4	24.7	1062	3.46	7.6	3.8	16.2	5	0.4	0.3	0.5	4	0.01	0.032
SKKG 80	Rock	0.74	0.7	18.5	3.6	12	<0.1	5.7	8.2	131	1.57	2.6	16.8	7.0	4	<0.1	0.1	1.1	8	0.03	0.019
SKKG 81	Rock	0.77	0.4	7.3	2.2	2	<0.1	1.6	0.9	38	0.46	1.0	4.7	1.5	2	<0.1	<0.1	0.3	2	<0.01	0.004
SKKG 82	Rock	1.02	0.3	6.1	4.2	2	<0.1	2.6	3.2	48	0.64	2.1	3.8	0.4	<1	<0.1	0.1	0.7	<2	<0.01	0.005
SKKG 83	Rock	0.87	0.8	259.8	12.9	23	<0.1	11.8	5.8	100	3.48	50.3	27.8	2.4	3	<0.1	0.3	4.5	12	0.01	0.041
SKKG 84	Rock	0.77	1.3	12.6	23.1	57	<0.1	13.4	5.3	104	2.98	17.9	2.9	8.1	3	<0.1	0.3	0.9	8	<0.01	0.020
SKKG 85	Rock	0.97	0.4	8.1	7.0	3	<0.1	2.8	2.2	52	1.11	1.0	87.0	0.9	<1	<0.1	<0.1	10.1	<2	<0.01	0.004
SKKG 86	Rock	0.82	0.2	6.1	8.5	10	<0.1	2.8	2.3	46	2.03	11.1	4.2	0.5	458	<0.1	<0.1	1.8	4	0.02	0.006
SKKG 87	Rock	0.55	0.7	20.8	11.7	15	<0.1	5.5	11.6	184	1.61	8.2	4.3	1.1	52	<0.1	2.3	0.2	<2	<0.01	0.016
SKKG 88	Rock	0.91	0.5	70.0	7.4	7	<0.1	5.8	8.7	147	1.03	1.7	41.9	1.0	31	<0.1	0.1	0.4	<2	<0.01	0.008
SKKG 89	Rock	0.60	3.1	316.9	25.5	16	<0.1	15.2	13.9	102	3.27	23.5	4.2	2.9	9	<0.1	2.1	0.5	7	<0.01	0.052
SKKG 90	Rock	0.49	0.6	1264	5.6	8	0.2	11.3	7.0	45	1.22	1.7	23.3	1.2	7	<0.1	0.1	1.5	<2	<0.01	0.005
SKKG 91	Rock	0.98	0.6	12.0	4.5	3	<0.1	6.1	2.5	40	1.40	1.0	1.9	7.2	3	<0.1	0.1	0.3	11	<0.01	0.009
SKKG 92	Rock	0.82	0.3	30.1	5.3	18	<0.1	7.6	6.1	301	1.28	1.2	30.3	9.2	4	<0.1	<0.1	0.4	4	0.02	0.014
SKKG 93	Rock	0.75	0.5	26.4	38.8	21	<0.1	6.5	7.8	720	1.71	1.6	0.7	4.0	31	<0.1	0.7	0.7	3	<0.01	0.016
MKKG 39	Rock	0.40	0.5	92.7	2.7	14	<0.1	16.5	9.7	146	1.54	2.5	21.5	1.2	2	<0.1	2.0	0.3	8	<0.01	0.014
MKKG 40	Rock	0.39	0.7	8.6	3.5	2	<0.1	1.5	2.4	52	1.63	0.8	2.6	1.7	2	<0.1	<0.1	1.2	4	0.02	0.006

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: QTZ MTN
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Part: 2 of 2

CERTIFICATE OF ANALYSIS

VAN12004047.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	
G1	Prep Blank	8	9	0.58	246	0.114	2	1.13	0.144	0.56	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	8	9	0.60	265	0.113	2	1.11	0.133	0.54	<0.1	<0.01	2.5	0.3	<0.05	5	<0.5	<0.2
SKKG 68	Rock	6	5	0.01	8	<0.001	1	0.13	0.003	0.06	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
SKKG 69	Rock	12	7	0.05	25	<0.001	1	0.31	0.005	0.15	<0.1	<0.01	0.8	<0.1	<0.05	1	<0.5	<0.2
SKKG 70	Rock	2	16	0.03	40	<0.001	2	0.16	0.004	0.07	0.1	<0.01	2.2	<0.1	<0.05	<1	<0.5	<0.2
SKKG 71	Rock	<1	4	<0.01	6	<0.001	<1	0.07	0.006	<0.01	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
SKKG 72	Rock	8	3	<0.01	15	<0.001	<1	0.14	0.003	0.12	0.1	<0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2
SKKG 73	Rock	3	14	0.02	188	0.008	<1	0.11	0.003	0.04	0.1	<0.01	0.4	<0.1	0.61	<1	<0.5	<0.2
SKKG 74	Rock	1	4	0.03	189	<0.001	1	0.39	0.004	0.05	0.1	0.06	1.0	<0.1	<0.05	1	<0.5	<0.2
SKKG 75	Rock	19	15	0.23	13	0.002	1	0.79	0.144	0.02	<0.1	<0.01	4.2	<0.1	<0.05	2	<0.5	<0.2
SKKG 76	Rock	21	9	0.04	16	0.003	<1	0.47	0.186	0.03	<0.1	<0.01	2.8	<0.1	<0.05	1	<0.5	<0.2
SKKG 77	Rock	41	8	0.28	79	0.002	1	0.86	0.053	0.24	<0.1	<0.01	1.9	<0.1	<0.05	2	<0.5	<0.2
SKKG 78	Rock	15	7	0.06	30	0.002	1	0.39	0.064	0.09	<0.1	0.01	1.9	<0.1	<0.05	1	<0.5	0.6
SKKG 79	Rock	36	4	0.04	72	0.002	1	0.94	0.022	0.29	<0.1	<0.01	1.9	<0.1	<0.05	2	<0.5	<0.2
SKKG 80	Rock	19	7	0.12	39	0.003	<1	0.48	0.102	0.13	<0.1	<0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
SKKG 81	Rock	3	4	0.03	12	<0.001	<1	0.13	0.005	0.07	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
SKKG 82	Rock	1	4	<0.01	4	<0.001	<1	0.04	0.003	0.02	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
SKKG 83	Rock	13	8	0.14	16	0.004	<1	0.47	0.016	0.08	0.3	<0.01	2.1	<0.1	<0.05	2	<0.5	0.2
SKKG 84	Rock	15	12	0.69	41	0.002	2	1.57	0.014	0.25	<0.1	<0.01	1.5	<0.1	0.33	4	<0.5	<0.2
SKKG 85	Rock	3	3	0.01	7	<0.001	1	0.09	0.007	0.05	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	1.1
SKKG 86	Rock	<1	3	0.19	131	<0.001	1	0.30	0.001	<0.01	<0.1	<0.01	0.6	<0.1	0.73	1	0.6	<0.2
SKKG 87	Rock	2	8	<0.01	2255	<0.001	2	0.10	0.005	0.03	0.2	0.13	1.2	<0.1	0.05	<1	<0.5	<0.2
SKKG 88	Rock	2	3	0.01	1084	<0.001	<1	0.12	0.037	0.02	<0.1	<0.01	1.0	<0.1	<0.05	<1	<0.5	<0.2
SKKG 89	Rock	16	5	0.01	334	0.001	<1	0.22	0.004	0.11	<0.1	<0.01	3.1	<0.1	<0.05	<1	<0.5	<0.2
SKKG 90	Rock	2	10	0.08	235	<0.001	<1	0.19	0.004	0.06	<0.1	<0.01	0.4	<0.1	0.58	<1	<0.5	<0.2
SKKG 91	Rock	19	9	<0.01	53	0.010	1	0.17	0.098	0.02	0.2	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
SKKG 92	Rock	26	5	0.10	133	0.002	1	0.42	0.071	0.21	0.1	<0.01	1.4	<0.1	<0.05	1	<0.5	0.4
SKKG 93	Rock	13	6	0.13	1309	0.002	2	0.36	0.029	0.08	<0.1	<0.01	0.7	<0.1	<0.05	1	<0.5	<0.2
MKKG 39	Rock	5	21	0.04	63	<0.001	<1	0.16	0.013	0.08	0.4	<0.01	3.4	<0.1	<0.05	<1	<0.5	<0.2
MKKG 40	Rock	6	6	0.06	80	0.002	<1	0.15	0.051	<0.01	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2

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Project: QTZ MTN
 Report Date: September 09, 2012

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CERTIFICATE OF ANALYSIS

VAN12004047.1

Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
MKKG 41	Rock	0.72	0.6	1.9	1.6	6	<0.1	2.6	1.0	62	0.70	0.9	<0.5	2.0	<1	<0.1	<0.1	<0.1	<2	<0.01	0.004
MKKG 42	Rock	0.82	1.0	504.2	1608	3	5.6	1.4	0.9	44	1.05	0.7	187.3	0.2	2	<0.1	0.4	5.3	<2	<0.01	0.013
MKKG 43	Rock	0.50	0.2	104.6	76.9	9	0.2	2.5	4.3	78	1.16	8.8	16.4	1.0	3	<0.1	0.3	1.7	3	<0.01	0.008
MKKG 44	Rock	0.38	0.8	105.6	17.7	7	<0.1	4.9	5.6	75	1.36	3.6	11.8	2.3	<1	<0.1	0.2	0.6	2	<0.01	0.011
MKKG 45	Rock	0.36	0.8	35.4	20.1	29	<0.1	19.6	11.0	227	5.46	10.2	18.0	7.4	2	<0.1	0.2	1.6	6	<0.01	0.039
MKKG 46	Rock	0.49	2.7	68.0	16.1	10	<0.1	12.0	7.8	80	5.06	27.9	173.8	2.6	3	<0.1	0.2	1.3	21	0.01	0.061
MKKG 47	Rock	0.53	1.5	306.6	9.9	5	<0.1	11.3	30.9	696	3.16	11.6	28.7	0.8	2	<0.1	0.2	0.6	6	0.01	0.054
MKKG 48	Rock	0.56	3.1	6.0	2.9	4	<0.1	1.8	1.8	18	2.46	5.1	2.6	16.0	2	<0.1	<0.1	0.7	2	<0.01	0.022
MKKG 49	Rock	0.43	6.1	9.9	4.5	8	<0.1	4.4	2.0	51	0.81	1.5	<0.5	1.4	2	<0.1	<0.1	0.3	3	<0.01	0.011
MKKG 50	Rock	0.65	0.3	6.7	4.6	3	<0.1	7.2	10.0	45	1.31	5.3	4.3	6.4	2	<0.1	<0.1	0.6	<2	<0.01	0.008
MKKG 51	Rock	0.58	<0.1	20.3	15.0	4	<0.1	4.2	2.4	58	1.28	37.0	33.4	1.0	2	<0.1	0.2	0.7	<2	<0.01	0.003
MKKG 52	Rock	0.62	0.3	2.5	2.1	3	<0.1	0.7	1.1	50	1.09	0.7	7.4	0.6	<1	<0.1	<0.1	0.3	4	<0.01	0.004
MKKG 53	Rock	1.09	<0.1	10.2	5.4	10	<0.1	6.3	9.4	145	1.12	69.5	3.0	11.4	4	<0.1	0.2	0.1	2	<0.01	0.012
MKKG 54	Rock	0.29	0.9	102.5	3.5	39	<0.1	19.9	12.3	726	5.86	2.7	6.6	8.0	5	<0.1	0.2	0.1	10	0.03	0.078
MKKG 55	Rock	0.54	1.5	89.5	3.3	3	0.2	4.0	2.3	41	1.48	36.8	33.0	0.4	1	<0.1	30.8	0.7	5	<0.01	0.024
MKKG 56	Rock	0.65	1.0	5.6	2.5	6	<0.1	22.4	35.2	196	4.84	2.4	5.2	7.8	2	<0.1	0.2	0.4	13	<0.01	0.017
MKKG 57	Rock	0.81	0.4	12.8	3.0	13	<0.1	3.9	1.7	119	2.86	7.1	2.0	4.1	2	<0.1	0.5	1.2	5	<0.01	0.026
MKKG 58	Rock	0.56	<0.1	4.3	3.2	5	<0.1	2.5	3.3	65	1.58	2.0	1.9	6.1	3	<0.1	0.4	0.3	5	<0.01	0.019
MKKG 59	Rock	0.47	0.8	0.5	1.9	<1	<0.1	0.9	0.2	17	1.05	1.4	2.8	3.7	3	<0.1	<0.1	1.0	10	<0.01	0.010
MKKG 60	Rock	0.56	0.3	5.1	1.5	2	<0.1	1.2	0.5	83	1.51	6.0	0.6	0.3	1	<0.1	0.1	1.4	6	<0.01	0.009
MKKG 61	Rock	0.62	0.3	3.2	1.9	2	<0.1	1.6	0.6	34	1.68	2.8	12.3	0.4	3	<0.1	0.1	1.7	5	<0.01	0.003
MKKG 62	Rock	0.66	<0.1	4.1	1.8	<1	<0.1	0.8	0.5	43	0.75	0.6	0.8	0.6	1	<0.1	<0.1	<0.1	7	<0.01	0.004
MKKG 63	Rock	0.40	48.1	89.8	38.7	54	<0.1	11.7	2.1	33	4.26	5.6	1120	8.2	6	<0.1	0.6	2.4	12	<0.01	0.027
MKKG 64	Rock	0.40	16.5	90.1	42.4	54	0.4	12.9	1.0	39	3.78	4.6	2278	4.8	4	<0.1	0.4	5.1	8	<0.01	0.018
MKKG 65	Rock	0.60	0.1	1.7	3.3	3	<0.1	2.1	1.1	32	0.46	1.2	30.1	5.4	2	<0.1	<0.1	<0.1	<2	<0.01	0.004
MKKG 66	Rock	0.52	2.7	718.0	5.1	15	0.3	23.2	10.5	67	6.29	7.3	99.6	0.7	<1	<0.1	3.1	1.1	83	<0.01	0.051
MKKG 67	Rock	0.55	0.4	114.3	11.8	8	<0.1	6.7	4.4	62	1.33	2.5	33.3	2.8	1	<0.1	0.6	0.2	3	<0.01	0.012
MKKG 68	Rock	0.53	35.6	153.7	9.6	23	0.3	32.9	40.7	128	14.08	46.5	419.2	6.3	4	<0.1	4.0	12.6	33	<0.01	0.106
MKKG 69	Rock	0.73	0.6	114.0	2.7	12	<0.1	6.8	7.8	152	1.77	<0.5	21.3	3.1	1	<0.1	0.1	0.2	7	<0.01	0.008
MKKG 70	Rock	0.73	0.8	14.2	15.3	3	<0.1	1.9	1.7	32	1.90	2.0	36.1	4.4	1	<0.1	0.2	0.5	7	<0.01	0.006

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Project: QTZ MTN
 Report Date: September 09, 2012

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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	
MKKG 41	Rock	7	5	0.12	26	<0.001	<1	0.23	0.005	0.08	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
MKKG 42	Rock	<1	3	<0.01	5	<0.001	2	0.03	0.004	0.01	<0.1	<0.01	0.2	<0.1	0.07	<1	0.8	<0.2
MKKG 43	Rock	2	4	0.11	11	<0.001	<1	0.22	0.012	0.04	<0.1	<0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2
MKKG 44	Rock	7	3	0.02	15	<0.001	<1	0.18	0.003	0.12	<0.1	<0.01	1.3	<0.1	<0.05	<1	0.8	<0.2
MKKG 45	Rock	22	5	0.03	106	0.002	2	0.45	0.014	0.36	0.1	<0.01	2.0	<0.1	<0.05	1	<0.5	<0.2
MKKG 46	Rock	4	6	0.03	40	0.003	3	0.25	0.003	0.03	0.1	<0.01	1.2	<0.1	<0.05	1	<0.5	<0.2
MKKG 47	Rock	2	4	0.06	69	0.002	2	0.20	0.002	0.02	<0.1	<0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2
MKKG 48	Rock	38	9	0.04	27	<0.001	2	0.53	0.053	0.11	<0.1	<0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
MKKG 49	Rock	14	4	0.08	16	<0.001	1	0.21	0.007	0.05	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
MKKG 50	Rock	18	4	0.02	30	<0.001	<1	0.25	0.038	0.06	<0.1	<0.01	1.0	<0.1	<0.05	<1	<0.5	<0.2
MKKG 51	Rock	3	5	0.01	5	<0.001	<1	0.05	0.012	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
MKKG 52	Rock	2	4	0.06	3	<0.001	1	0.10	0.006	0.02	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
MKKG 53	Rock	42	6	0.06	41	<0.001	<1	0.50	0.041	0.08	<0.1	<0.01	1.6	<0.1	<0.05	<1	<0.5	<0.2
MKKG 54	Rock	30	6	0.03	88	0.001	<1	0.61	0.013	0.13	<0.1	0.01	1.6	<0.1	<0.05	1	<0.5	<0.2
MKKG 55	Rock	2	3	<0.01	4	<0.001	<1	0.10	0.002	0.02	<0.1	0.60	1.0	<0.1	<0.05	<1	<0.5	<0.2
MKKG 56	Rock	8	7	0.02	19	0.003	<1	0.38	0.078	<0.01	<0.1	<0.01	4.3	<0.1	<0.05	1	<0.5	<0.2
MKKG 57	Rock	9	10	0.08	16	0.004	2	0.63	0.045	0.02	<0.1	0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
MKKG 58	Rock	29	5	0.04	13	0.002	2	0.23	0.059	0.01	<0.1	<0.01	1.4	<0.1	<0.05	<1	<0.5	<0.2
MKKG 59	Rock	40	11	<0.01	11	0.012	<1	0.13	0.128	<0.01	0.1	<0.01	1.2	<0.1	<0.05	<1	<0.5	<0.2
MKKG 60	Rock	2	3	<0.01	4	0.001	1	0.09	0.006	0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	0.4
MKKG 61	Rock	<1	3	<0.01	28	0.003	<1	0.06	0.036	<0.01	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
MKKG 62	Rock	<1	5	<0.01	3	0.003	<1	0.04	0.013	<0.01	<0.1	<0.01	1.5	<0.1	<0.05	<1	<0.5	<0.2
MKKG 63	Rock	9	8	0.01	28	<0.001	<1	0.31	0.005	0.12	0.2	0.36	3.7	<0.1	<0.05	2	<0.5	4.1
MKKG 64	Rock	11	7	0.01	25	<0.001	2	0.21	0.004	0.09	0.2	0.62	2.8	<0.1	<0.05	<1	1.0	4.7
MKKG 65	Rock	28	7	<0.01	14	0.003	<1	0.15	0.080	<0.01	<0.1	0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
MKKG 66	Rock	5	25	<0.01	8	0.044	<1	0.20	0.032	0.01	0.4	0.02	3.7	<0.1	<0.05	<1	<0.5	<0.2
MKKG 67	Rock	8	4	0.05	19	0.001	<1	0.25	0.008	0.10	0.3	<0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2
MKKG 68	Rock	8	8	0.02	21	0.016	<1	0.43	0.049	0.02	0.3	0.03	2.7	<0.1	<0.05	2	<0.5	<0.2
MKKG 69	Rock	10	5	0.04	18	0.003	<1	0.27	0.024	0.07	0.2	<0.01	5.4	<0.1	<0.05	<1	<0.5	<0.2
MKKG 70	Rock	9	9	<0.01	21	0.009	<1	0.13	0.056	0.06	0.2	0.01	1.1	<0.1	0.05	<1	<0.5	0.3

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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
MKKG 71	Rock	0.67	1.4	10.2	3.5	11	<0.1	9.3	5.7	88	2.77	3.4	8.5	5.4	2	0.2	0.2	0.5	27	0.01	0.014



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CERTIFICATE OF ANALYSIS

VAN12004047.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
MKKG 71	Rock	20	16	0.02	23	0.002	<1	0.49	0.035	0.03	<0.1	<0.01	2.1	<0.1	<0.05	2	<0.5	<0.2



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QUALITY CONTROL REPORT

VAN12004047.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
SKKG 83	Rock	0.87	0.8	259.8	12.9	23	<0.1	11.8	5.8	100	3.48	50.3	27.8	2.4	3	<0.1	0.3	4.5	12	0.01	0.041
REP SKKG 83	QC		0.8	256.7	12.1	23	<0.1	12.3	6.0	99	3.45	51.3	24.2	2.2	3	<0.1	0.3	4.3	13	<0.01	0.039
SKKG 91	Rock	0.98	0.6	12.0	4.5	3	<0.1	6.1	2.5	40	1.40	1.0	1.9	7.2	3	<0.1	0.1	0.3	11	<0.01	0.009
REP SKKG 91	QC		0.6	10.6	4.7	3	<0.1	3.7	2.7	42	1.46	1.3	1.2	7.5	3	<0.1	0.1	0.3	12	<0.01	0.009
MKKG 49	Rock	0.43	6.1	9.9	4.5	8	<0.1	4.4	2.0	51	0.81	1.5	<0.5	1.4	2	<0.1	<0.1	0.3	3	<0.01	0.011
REP MKKG 49	QC		6.2	9.6	4.5	8	<0.1	3.8	1.9	49	0.80	1.2	<0.5	1.5	2	<0.1	<0.1	0.3	3	<0.01	0.010
MKKG 57	Rock	0.81	0.4	12.8	3.0	13	<0.1	3.9	1.7	119	2.86	7.1	2.0	4.1	2	<0.1	0.5	1.2	5	<0.01	0.026
REP MKKG 57	QC		<0.1	12.3	3.1	13	<0.1	4.5	1.7	118	2.85	7.6	1.4	4.0	1	0.1	0.4	1.2	5	<0.01	0.025
Core Reject Duplicates																					
MKKG 45	Rock	0.36	0.8	35.4	20.1	29	<0.1	19.6	11.0	227	5.46	10.2	18.0	7.4	2	<0.1	0.2	1.6	6	<0.01	0.039
DUP MKKG 45	QC	<0.01	0.8	32.8	18.2	28	<0.1	18.7	10.5	194	5.34	9.5	19.7	8.0	2	<0.1	0.2	1.5	9	<0.01	0.037
Reference Materials																					
STD DS9	Standard		11.9	109.6	130.5	298	1.9	39.2	7.1	572	2.25	26.0	109.9	6.6	72	2.4	6.5	7.2	36	0.72	0.081
STD DS9	Standard		13.5	110.5	128.5	317	1.8	41.2	7.3	558	2.31	26.6	127.6	7.1	74	2.3	6.2	6.6	39	0.74	0.081
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank		<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	0.1	3.1	5.1	48	<0.1	4.0	4.3	635	1.89	<0.5	1.0	4.5	69	<0.1	<0.1	<0.1	32	0.45	0.069
G1	Prep Blank	<0.01	0.1	3.1	4.0	51	<0.1	4.0	4.4	586	1.87	<0.5	<0.5	4.7	66	<0.1	<0.1	<0.1	32	0.42	0.070



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Project: QTZ MTN
 Report Date: September 09, 2012

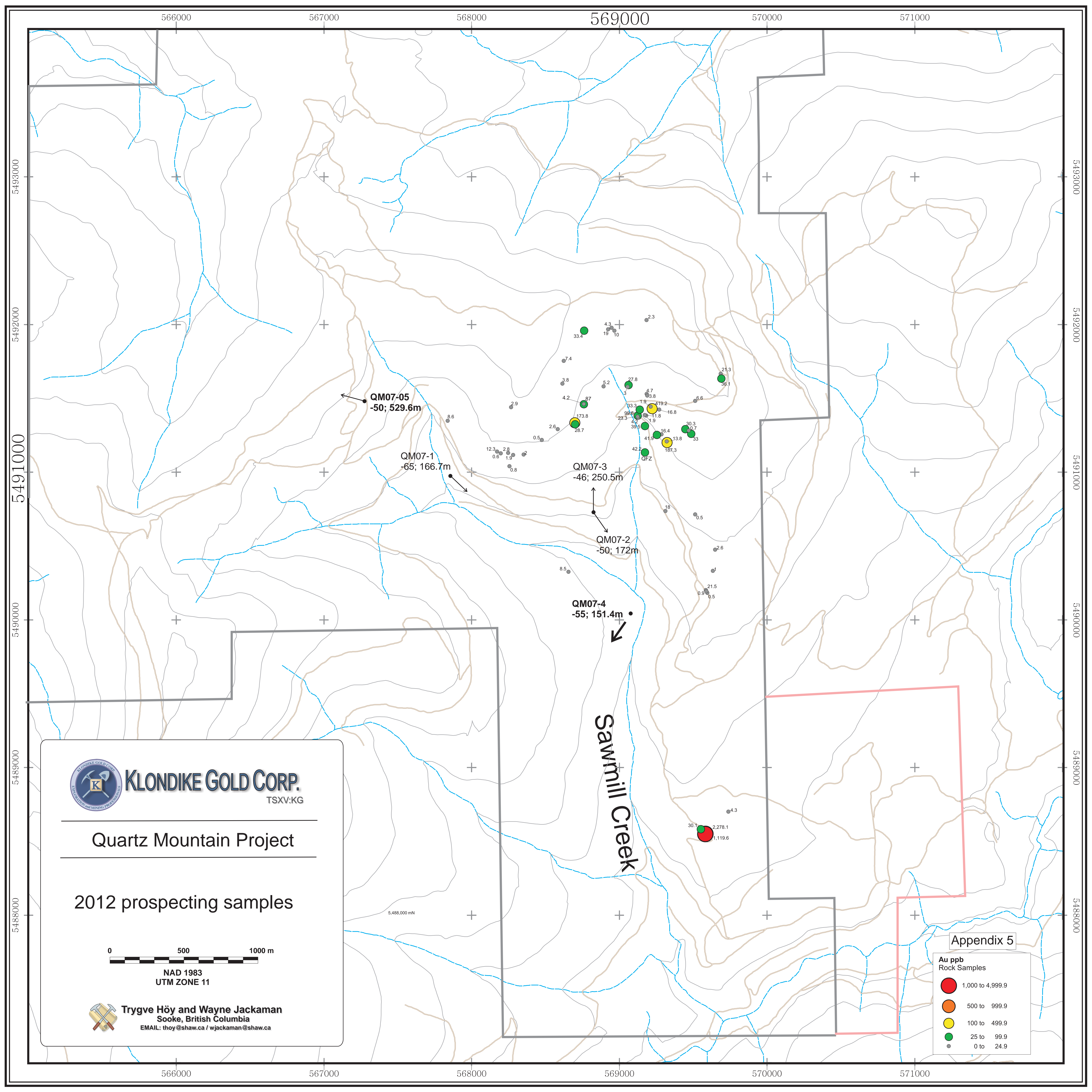
Page: 1 of 1

Part: 2 of 2

QUALITY CONTROL REPORT

VAN12004047.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
SKKG 83	Rock	13	8	0.14	16	0.004	<1	0.47	0.016	0.08	0.3	<0.01	2.1	<0.1	<0.05	2	<0.5	0.2
REP SKKG 83	QC	12	8	0.13	15	0.003	<1	0.42	0.015	0.07	0.3	<0.01	2.1	<0.1	<0.05	2	<0.5	<0.2
SKKG 91	Rock	19	9	<0.01	53	0.010	1	0.17	0.098	0.02	0.2	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
REP SKKG 91	QC	20	10	<0.01	54	0.011	<1	0.18	0.103	0.02	0.2	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
MKKG 49	Rock	14	4	0.08	16	<0.001	1	0.21	0.007	0.05	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
REP MKKG 49	QC	15	5	0.09	16	<0.001	1	0.22	0.007	0.05	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
MKKG 57	Rock	9	10	0.08	16	0.004	2	0.63	0.045	0.02	<0.1	0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
REP MKKG 57	QC	8	10	0.07	15	0.002	<1	0.61	0.043	0.02	<0.1	<0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
Core Reject Duplicates																		
MKKG 45	Rock	22	5	0.03	106	0.002	2	0.45	0.014	0.36	0.1	<0.01	2.0	<0.1	<0.05	1	<0.5	<0.2
DUP MKKG 45	QC	25	5	0.04	131	0.003	2	0.84	0.016	0.47	0.1	<0.01	2.7	0.1	<0.05	2	0.7	<0.2
Reference Materials																		
STD DS9	Standard	13	113	0.60	298	0.111	2	0.99	0.091	0.40	3.0	0.19	2.3	5.9	0.17	4	4.9	5.4
STD DS9	Standard	14	122	0.63	312	0.118	1	0.97	0.087	0.41	3.0	0.22	2.4	5.5	0.16	5	6.8	5.4
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	8	9	0.58	246	0.114	2	1.13	0.144	0.56	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	8	9	0.60	265	0.113	2	1.11	0.133	0.54	<0.1	<0.01	2.5	0.3	<0.05	5	<0.5	<0.2



Appendix 6
List of samples, drill hole QN-07-1

Sample no.	From	To	Length	Au (ppb)	Cu (ppm)
1581551	9.15	11.15	2.0m (1.5rec.)	<0.5	4.9
1581552	11.15	12.30	1.15m	<0.5	6.1
1581553	12.3	13.3	1.0m	9.5	2.8
1581554	13.3	14.3	1.0m	4	15.5
1581555	14.3	15.3	1.0m	0.8	17.2
1581556	15.3	16.3	1.0m	<0.5	7.2
1581557	16.3	17.3	1.0m	<0.5	5.3
1581558	17.3	18.3	1.0m	1.6	12.9
1581559	18.3	19.3	1.0m	84.4	20.6
1581560	19.3	20.3	1.0m	27	7.8
1581561	20.3	21.0	0.7m	17.7	5.1
1581562	21.0	22.0	1.0m	<0.5	5.7
1581563	22.0	23.0	1.0m	<0.5	4.5
1581564	23.0	24.0	1.0m	6.4	2.7
1581565	24.0	25.0	1.0m	5.8	3
1581566	25.0	26.0	1.0m	2.4	18
1581567	26.0	27.0	1.0m	2.5	12.2
1581568	27.0	28.0	1.0m	6.2	1.9
1581569	28.0	29.0	1.0m	16.6	2.6
1581570	29.0	30.0	1.0m	15.3	2
1581571	30.0	31.0	1.0m	25.6	5
1581572	31.0	32.0	1.0m	<0.5	3.5
1581574	32.0	33.0	1.0m	6.5	9.5
1581575	33.0	34.0	1.0m	2.3	3.3
1581576	34.0	35.0	1.0m	<0.5	4.1
1581577	35.0	36.8	1.8m	41.3	3.2
1581578	67.1	68.0	0.9m	18	15.6
1581579	68.0	69.0	1.0m	37.8	55.7
1581580	69.0	70.5	1.5m*	16.1	21.2
1581581	70.5	72.0	1.5m*	5.7	35.1
1581582	72.0	73.0	1.0m	2.7	611.5
1581583	73.0	74.0	1.0m	<0.5	53.4
1581584	74.0	75.5	1.5m	4.4	141.9
1581585	80.2	81.7	1.5m	4.3	8.1
1581586	81.7	82.4	0.7m	441.5	5.8
1581587	91.0	92.4	1.35m	4.9	4.3
1581588	92.35	93.4	1.05m	4.6	4.9
1581589	97.0	98.6	1.6m	16.2	3.2
1581590	101.7	102.7	1.0m	2.4	7.9
1581591	155.4	156.6	1.2m	3.2	4
1581592	165.6	166.6	1.0m	45.2	7.5

* 1581581 0.9m recovered

* 1581580 0.8m recovered

Appendix 7
Analyses of samples, drill hole QN-07-1



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Submitted By: Iain Mitchell
Receiving Lab: Canada-Vancouver
Received: April 12, 2013
Report Date: May 02, 2013
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN13001179.1

CLIENT JOB INFORMATION

Project: QTZ MTN
Shipment ID:
P.O. Number
Number of Samples: 42

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	41	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	41	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

ADDITIONAL COMMENTS

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

Invoice To: Klondike Gold Corp.
711 - 675 W. Hastings St.
Vancouver BC V6B 1N2
CANADA

CC:



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



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Project: QTZ MTN
Report Date: May 02, 2013

Page: 2 of 3

Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN13001179.1

Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1581551	Drill Core	5.03	0.3	4.9	1.8	40	<0.1	15.0	7.4	294	2.04	0.8	<0.5	13.1	3	<0.1	<0.1	0.2	7	0.04	0.025
1581552	Drill Core	2.89	0.2	6.1	2.0	20	<0.1	8.9	5.8	253	1.45	1.2	<0.5	9.9	2	<0.1	<0.1	0.1	3	0.01	0.013
1581553	Drill Core	3.31	0.1	2.8	1.5	34	<0.1	10.7	5.7	206	1.69	1.0	9.5	14.6	3	<0.1	<0.1	0.2	5	0.02	0.023
1581554	Drill Core	2.90	<0.1	15.5	1.9	35	<0.1	11.6	8.0	305	1.77	1.9	4.0	11.2	2	<0.1	<0.1	0.2	4	0.02	0.019
1581555	Drill Core	3.14	0.2	17.2	1.9	34	<0.1	11.3	8.9	288	2.00	1.1	0.8	12.5	2	<0.1	<0.1	0.3	6	0.01	0.020
1581556	Drill Core	2.67	0.2	7.2	1.8	38	<0.1	12.1	6.8	391	1.99	1.0	<0.5	8.9	2	<0.1	<0.1	0.2	6	0.02	0.017
1581557	Drill Core	3.12	0.2	5.3	1.5	52	<0.1	13.8	5.0	385	1.91	0.5	<0.5	11.4	3	<0.1	<0.1	<0.1	6	0.04	0.023
1581558	Drill Core	3.28	0.3	12.9	6.1	27	<0.1	13.6	7.2	344	1.97	1.5	1.6	14.1	3	<0.1	<0.1	0.1	5	0.07	0.040
1581559	Drill Core	3.09	0.7	20.6	9.1	27	0.3	13.5	10.2	336	2.39	3.1	84.4	14.0	2	<0.1	<0.1	0.3	5	0.01	0.029
1581560	Drill Core	2.71	0.3	7.8	4.0	24	0.2	11.1	6.8	304	1.79	1.8	27.0	12.5	2	<0.1	<0.1	0.2	3	0.01	0.023
1581561	Drill Core	1.46	0.5	5.1	2.2	25	<0.1	10.8	8.6	184	2.11	2.9	17.7	15.4	3	<0.1	<0.1	0.2	4	0.02	0.024
1581562	Drill Core	3.55	<0.1	5.7	1.7	23	<0.1	13.5	10.2	198	1.75	2.6	<0.5	10.7	2	<0.1	<0.1	0.2	3	0.04	0.021
1581563	Drill Core	3.16	0.1	4.5	1.2	24	<0.1	8.6	5.3	199	1.46	1.3	<0.5	7.9	2	<0.1	<0.1	<0.1	3	0.01	0.013
1581564	Drill Core	3.13	0.7	2.7	1.8	28	<0.1	12.7	8.9	230	1.75	1.5	6.4	12.8	2	<0.1	<0.1	0.2	4	0.05	0.028
1581565	Drill Core	3.08	0.3	3.0	1.6	35	<0.1	14.7	16.7	329	2.65	1.0	5.8	14.9	3	<0.1	<0.1	0.2	4	0.02	0.027
1581566	Drill Core	3.01	0.4	18.0	21.8	38	<0.1	13.5	11.5	237	2.30	3.9	2.4	12.5	3	<0.1	<0.1	0.3	7	0.03	0.025
1581567	Drill Core	2.89	0.2	12.2	12.3	27	<0.1	9.7	5.1	167	1.58	0.6	2.5	13.4	2	<0.1	<0.1	0.2	7	0.01	0.014
1581568	Drill Core	2.94	0.1	1.9	1.5	53	<0.1	16.9	7.5	237	2.38	0.6	6.2	13.7	4	<0.1	<0.1	<0.1	14	0.05	0.026
1581569	Drill Core	3.55	0.3	2.6	1.9	56	<0.1	19.8	5.0	74	2.70	0.7	16.6	21.3	2	<0.1	<0.1	0.3	17	0.02	0.030
1581570	Drill Core	2.58	0.2	2.0	1.4	50	<0.1	17.5	13.3	216	2.24	<0.5	15.3	13.9	2	<0.1	<0.1	<0.1	12	0.02	0.022
1581571	Drill Core	2.93	7.3	5.0	2.2	20	<0.1	11.6	11.8	32	3.80	1.0	25.6	7.4	<1	<0.1	<0.1	1.0	11	0.01	0.031
1581572	Drill Core	2.80	10.6	3.5	1.4	42	<0.1	19.3	13.3	232	3.28	0.7	<0.5	9.5	2	<0.1	<0.1	0.4	19	0.03	0.043
1581573	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1581574	Drill Core	2.91	2.8	9.5	1.9	32	<0.1	12.0	8.8	125	2.68	1.2	6.5	8.2	2	<0.1	<0.1	0.3	16	0.01	0.041
1581575	Drill Core	2.87	0.3	3.3	1.2	45	<0.1	27.9	15.8	329	2.89	2.1	2.3	10.3	2	<0.1	0.1	0.3	23	0.04	0.035
1581576	Drill Core	3.73	0.3	4.1	2.0	32	<0.1	13.5	4.9	169	1.57	0.7	<0.5	9.8	3	<0.1	<0.1	<0.1	8	0.04	0.016
1581577	Drill Core	4.77	0.4	3.2	1.0	22	<0.1	13.5	5.3	169	1.54	0.7	41.3	9.0	3	<0.1	<0.1	<0.1	10	0.03	0.015
1581578	Drill Core	3.30	0.7	15.6	5.7	45	<0.1	14.9	11.6	695	2.89	1.3	18.0	22.9	45	<0.1	0.1	0.2	12	1.96	0.032
1581579	Drill Core	3.46	0.3	55.7	5.2	18	<0.1	8.5	9.3	641	1.95	2.0	37.8	16.5	45	0.1	0.2	0.3	6	1.67	0.028
1581580	Drill Core	2.85	0.2	21.2	6.9	29	<0.1	12.0	10.6	485	2.17	2.1	16.1	13.6	35	<0.1	<0.1	0.4	11	1.52	0.023

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: QTZ MTN
 Report Date: May 02, 2013

Page: 2 of 3

Part: 2 of 1

CERTIFICATE OF ANALYSIS

VAN13001179.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1581551	Drill Core	30	9	0.41	42	0.002	<1	0.86	0.022	0.25	<0.1	<0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
1581552	Drill Core	30	7	0.08	24	<0.001	<1	0.34	0.031	0.14	<0.1	<0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2
1581553	Drill Core	30	6	0.18	43	0.002	1	0.66	0.021	0.31	<0.1	<0.01	1.1	<0.1	<0.05	1	<0.5	<0.2
1581554	Drill Core	22	9	0.21	34	0.001	<1	0.57	0.030	0.21	<0.1	<0.01	1.1	<0.1	<0.05	1	<0.5	<0.2
1581555	Drill Core	25	10	0.26	39	0.002	<1	0.66	0.051	0.20	<0.1	<0.01	1.6	<0.1	<0.05	2	<0.5	<0.2
1581556	Drill Core	25	12	0.34	44	0.002	<1	0.65	0.053	0.12	<0.1	<0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
1581557	Drill Core	21	10	0.37	39	0.001	<1	0.69	0.034	0.21	<0.1	<0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
1581558	Drill Core	25	5	0.28	48	0.002	2	0.43	0.017	0.32	<0.1	<0.01	1.4	<0.1	0.09	1	<0.5	<0.2
1581559	Drill Core	27	4	0.04	47	0.002	1	0.46	0.015	0.27	0.1	<0.01	1.5	<0.1	<0.05	<1	<0.5	0.2
1581560	Drill Core	31	4	0.03	37	<0.001	<1	0.35	0.016	0.22	0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
1581561	Drill Core	29	4	0.04	38	<0.001	<1	0.48	0.013	0.28	<0.1	<0.01	1.2	<0.1	<0.05	<1	<0.5	<0.2
1581562	Drill Core	14	4	0.17	30	0.001	2	0.36	0.017	0.26	<0.1	<0.01	1.1	<0.1	0.30	<1	<0.5	<0.2
1581563	Drill Core	23	7	0.08	22	0.001	<1	0.34	0.028	0.17	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
1581564	Drill Core	16	6	0.19	31	0.001	<1	0.44	0.021	0.25	<0.1	<0.01	1.3	<0.1	0.19	<1	<0.5	<0.2
1581565	Drill Core	29	6	0.12	29	<0.001	<1	0.61	0.021	0.24	<0.1	<0.01	1.5	<0.1	<0.05	1	<0.5	<0.2
1581566	Drill Core	16	9	0.35	19	0.001	<1	0.74	0.038	0.17	<0.1	<0.01	1.8	<0.1	<0.05	2	<0.5	<0.2
1581567	Drill Core	24	13	0.33	14	0.001	<1	0.64	0.057	0.09	<0.1	<0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
1581568	Drill Core	23	15	0.73	23	0.002	<1	1.14	0.042	0.17	<0.1	<0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
1581569	Drill Core	16	21	1.05	37	0.003	1	1.55	0.037	0.29	<0.1	<0.01	2.8	<0.1	0.20	6	<0.5	<0.2
1581570	Drill Core	24	14	0.76	22	0.002	<1	1.14	0.034	0.16	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
1581571	Drill Core	13	18	0.26	5	0.002	<1	0.59	0.067	0.05	<0.1	<0.01	3.0	<0.1	1.57	3	<0.5	0.2
1581572	Drill Core	10	18	0.75	15	0.002	<1	1.03	0.044	0.10	<0.1	<0.01	3.1	<0.1	0.33	5	<0.5	<0.2
1581573	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1581574	Drill Core	37	16	0.43	9	0.001	<1	0.90	0.055	0.07	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
1581575	Drill Core	13	24	0.56	15	0.001	<1	0.80	0.050	0.15	<0.1	<0.01	5.3	<0.1	0.38	3	<0.5	<0.2
1581576	Drill Core	22	10	0.26	9	<0.001	<1	0.47	0.059	0.09	<0.1	<0.01	2.1	<0.1	<0.05	2	<0.5	<0.2
1581577	Drill Core	12	13	0.32	7	<0.001	<1	0.49	0.056	0.08	<0.1	<0.01	2.6	<0.1	<0.05	2	<0.5	<0.2
1581578	Drill Core	17	12	0.83	63	0.008	1	0.97	0.024	0.40	0.1	<0.01	2.1	<0.1	0.78	3	<0.5	<0.2
1581579	Drill Core	17	6	0.65	25	0.003	<1	0.27	0.068	0.16	<0.1	<0.01	3.3	<0.1	0.98	<1	<0.5	<0.2
1581580	Drill Core	10	11	0.70	25	0.005	<1	0.51	0.068	0.16	<0.1	<0.01	3.0	<0.1	0.88	2	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

CERTIFICATE OF ANALYSIS

VAN13001179.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1581581	Drill Core	2.73	0.5	35.1	8.9	18	<0.1	12.2	13.3	567	2.14	2.7	5.7	15.9	53	<0.1	<0.1	0.5	11	2.37	0.030
1581582	Drill Core	2.80	0.5	611.5	5.9	33	0.2	16.0	14.6	547	3.05	2.1	2.7	25.5	38	<0.1	<0.1	0.4	17	1.71	0.039
1581583	Drill Core	3.45	0.4	53.4	6.5	41	<0.1	21.7	16.9	551	3.59	2.1	<0.5	24.8	39	<0.1	<0.1	0.7	20	1.48	0.084
1581584	Drill Core	5.04	25.3	141.9	14.1	53	0.1	19.9	16.4	897	3.73	2.0	4.4	15.8	60	<0.1	<0.1	0.8	26	2.57	0.055
1581585	Drill Core	5.03	0.4	8.1	1.8	33	<0.1	12.4	7.1	178	2.17	<0.5	4.3	11.0	4	<0.1	<0.1	0.3	8	0.11	0.019
1581586	Drill Core	2.00	0.5	5.8	3.0	15	0.2	15.4	15.8	629	3.16	0.8	441.5	11.6	36	<0.1	0.1	0.6	4	1.24	0.020
1581587	Drill Core	4.02	0.1	4.3	4.3	45	<0.1	13.4	11.8	587	2.70	1.3	4.9	20.1	26	<0.1	<0.1	0.3	15	1.56	0.018
1581588	Drill Core	2.99	0.1	4.9	1.8	15	<0.1	6.9	4.0	267	1.21	<0.5	4.6	6.3	10	<0.1	<0.1	0.1	5	0.44	0.009
1581589	Drill Core	4.97	0.2	3.2	5.7	51	<0.1	14.2	15.0	740	3.16	1.2	16.2	19.3	25	<0.1	<0.1	0.4	16	1.37	0.029
1581590	Drill Core	2.99	1.1	7.9	7.1	84	<0.1	32.1	26.7	559	5.84	1.5	2.4	23.4	11	<0.1	<0.1	0.7	38	0.77	0.037
1581591	Drill Core	3.93	1.6	4.0	3.5	21	<0.1	19.4	41.8	454	3.41	19.4	3.2	14.6	15	<0.1	<0.1	0.7	13	1.07	0.041
1581592	Drill Core	3.05	2.5	7.5	3.2	59	<0.1	28.5	23.1	671	5.17	4.0	45.2	15.5	16	<0.1	0.2	0.8	9	0.50	0.040



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Project: QTZ MTN
Report Date: May 02, 2013

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CERTIFICATE OF ANALYSIS

VAN13001179.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1581581	Drill Core	18	13	0.50	118	0.007	<1	0.29	0.090	0.11	<0.1	<0.01	3.3	<0.1	1.34	1	<0.5	<0.2
1581582	Drill Core	14	19	0.82	34	0.006	<1	0.68	0.084	0.22	<0.1	<0.01	3.1	<0.1	1.13	3	<0.5	<0.2
1581583	Drill Core	9	21	1.12	51	0.007	<1	1.22	0.067	0.31	<0.1	<0.01	2.9	<0.1	1.44	5	<0.5	<0.2
1581584	Drill Core	6	24	1.55	84	0.006	<1	1.30	0.059	0.22	0.1	<0.01	5.3	<0.1	1.63	6	<0.5	0.3
1581585	Drill Core	16	12	0.58	50	0.003	<1	1.03	0.032	0.27	<0.1	<0.01	1.6	<0.1	0.27	3	<0.5	<0.2
1581586	Drill Core	6	4	0.69	36	0.001	1	0.34	0.042	0.21	<0.1	0.01	2.2	<0.1	2.32	<1	<0.5	0.6
1581587	Drill Core	13	15	0.91	29	0.004	<1	0.80	0.077	0.18	<0.1	<0.01	3.1	<0.1	0.80	3	<0.5	<0.2
1581588	Drill Core	15	10	0.30	69	0.001	<1	0.25	0.043	0.08	<0.1	<0.01	0.9	<0.1	0.25	<1	<0.5	<0.2
1581589	Drill Core	12	14	1.24	121	0.005	<1	0.94	0.038	0.28	<0.1	<0.01	2.4	<0.1	0.98	3	<0.5	<0.2
1581590	Drill Core	12	24	2.09	39	0.006	1	2.35	0.015	0.29	<0.1	<0.01	2.5	<0.1	1.58	11	0.5	<0.2
1581591	Drill Core	11	20	0.73	16	0.003	<1	0.72	0.084	0.12	<0.1	<0.01	3.7	<0.1	2.53	3	<0.5	<0.2
1581592	Drill Core	8	9	1.38	33	0.001	<1	0.90	0.015	0.29	<0.1	<0.01	3.0	<0.1	1.92	2	<0.5	<0.2



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Project: QTZ MTN
 Report Date: May 02, 2013

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QUALITY CONTROL REPORT

VAN13001179.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
1581555	Drill Core	3.14	0.2	17.2	1.9	34	<0.1	11.3	8.9	288	2.00	1.1	0.8	12.5	2	<0.1	<0.1	0.3	6	0.01	0.020
REP 1581555	QC		0.3	18.1	1.8	34	<0.1	11.9	9.0	285	1.96	1.4	<0.5	11.3	2	<0.1	<0.1	0.3	6	0.02	0.019
1581578	Drill Core	3.30	0.7	15.6	5.7	45	<0.1	14.9	11.6	695	2.89	1.3	18.0	22.9	45	<0.1	0.1	0.2	12	1.96	0.032
REP 1581578	QC		0.4	15.9	5.7	46	<0.1	15.9	11.7	697	2.91	1.3	8.2	22.9	45	<0.1	0.1	0.3	12	1.96	0.030
1581591	Drill Core	3.93	1.6	4.0	3.5	21	<0.1	19.4	41.8	454	3.41	19.4	3.2	14.6	15	<0.1	<0.1	0.7	13	1.07	0.041
REP 1581591	QC		1.5	4.1	3.5	22	<0.1	21.0	41.8	448	3.32	18.7	3.6	14.9	14	<0.1	0.1	0.7	12	1.04	0.043
1581592	Drill Core	3.05	2.5	7.5	3.2	59	<0.1	28.5	23.1	671	5.17	4.0	45.2	15.5	16	<0.1	0.2	0.8	9	0.50	0.040
REP 1581592	QC		2.6	7.7	3.2	58	<0.1	30.3	23.3	669	5.16	4.0	24.3	15.3	16	<0.1	0.2	0.8	9	0.52	0.041
Core Reject Duplicates																					
1581583	Drill Core	3.45	0.4	53.4	6.5	41	<0.1	21.7	16.9	551	3.59	2.1	<0.5	24.8	39	<0.1	<0.1	0.7	20	1.48	0.084
DUP 1581583	QC		0.5	53.1	6.9	43	<0.1	22.9	17.3	555	3.65	1.9	<0.5	25.4	41	<0.1	0.1	0.7	22	1.51	0.095
Reference Materials																					
STD DS9	Standard		12.5	108.8	124.6	320	1.9	39.0	7.1	566	2.26	25.4	115.9	6.1	69	2.7	5.6	6.3	39	0.70	0.076
STD DS9	Standard		13.7	106.4	133.1	325	1.8	38.6	7.7	604	2.37	24.8	117.7	7.0	82	2.5	6.3	7.0	40	0.74	0.077
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank		<0.1	4.1	3.7	42	<0.1	2.6	3.1	541	1.86	0.8	<0.5	6.0	58	<0.1	<0.1	0.2	35	0.45	0.067
G1	Prep Blank		<0.1	4.7	3.5	45	<0.1	4.8	4.3	526	1.91	0.8	<0.5	8.2	47	<0.1	<0.1	0.1	34	0.46	0.067



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QUALITY CONTROL REPORT

VAN13001179.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1581555	Drill Core	25	10	0.26	39	0.002	<1	0.66	0.051	0.20	<0.1	<0.01	1.6	<0.1	<0.05	2	<0.5	<0.2
REP 1581555	QC	24	9	0.25	39	0.002	<1	0.63	0.043	0.19	<0.1	<0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
1581578	Drill Core	17	12	0.83	63	0.008	1	0.97	0.024	0.40	0.1	<0.01	2.1	<0.1	0.78	3	<0.5	<0.2
REP 1581578	QC	16	12	0.84	59	0.005	<1	0.96	0.024	0.40	0.1	<0.01	2.2	0.1	0.78	3	<0.5	<0.2
1581591	Drill Core	11	20	0.73	16	0.003	<1	0.72	0.084	0.12	<0.1	<0.01	3.7	<0.1	2.53	3	<0.5	<0.2
REP 1581591	QC	11	20	0.72	16	0.003	<1	0.71	0.081	0.12	<0.1	<0.01	3.8	<0.1	2.51	3	<0.5	<0.2
1581592	Drill Core	8	9	1.38	33	0.001	<1	0.90	0.015	0.29	<0.1	<0.01	3.0	<0.1	1.92	2	<0.5	<0.2
REP 1581592	QC	7	9	1.38	31	0.001	<1	0.93	0.015	0.28	<0.1	0.01	3.1	<0.1	1.91	2	<0.5	0.3
Core Reject Duplicates																		
1581583	Drill Core	9	21	1.12	51	0.007	<1	1.22	0.067	0.31	<0.1	<0.01	2.9	<0.1	1.44	5	<0.5	<0.2
DUP 1581583	QC	9	22	1.13	59	0.008	1	1.29	0.078	0.34	<0.1	<0.01	3.5	<0.1	1.45	5	<0.5	<0.2
Reference Materials																		
STD DS9	Standard	12	117	0.59	269	0.111	2	0.90	0.079	0.39	3.0	0.19	2.2	4.8	0.16	4	5.6	4.1
STD DS9	Standard	16	119	0.63	312	0.118	2	0.98	0.085	0.40	3.3	0.21	2.3	5.4	0.16	5	4.7	5.6
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	10	6	0.46	133	0.109	2	0.93	0.110	0.49	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	15	10	0.52	142	0.101	2	0.99	0.089	0.47	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2