Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Technical Assessment - Prospecting

TOTAL COST: $55,920

AUTHOR(S): John Bligh, Christopher Longton

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A

YEAR OF WORK: 2017

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5655595 - 2017/JUL/07

PROPERTY NAME: Nechako Gold Property or Big Bear North

CLAIM NAME(S) (on which the work was done): 713542, 713662, 713682, 713702, 713722, 713742, 713882, 713902, 713922

COMMODITIES SOUGHT: Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Omineca

NTS/BCGS: 093F06/07

LATITUDE: 53 ° 20 ' 45 " **LONGITUDE:** 124 ° 58 ' 24 " **(at centre of work)**

OWNER(S):

1) New Gold Inc.

2)

MAILING ADDRESS:

3510 - 181 Bay St. Toronto ON, M5J 2T3

OPERATOR(S) [who paid for the work]:

1) New Gold Inc.

2)

MAILING ADDRESS:

3510 - 181 Bay St. Toronto ON, M5J 2T3

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Hazelton Group, Bowser Lake Group, Nechako Plateau

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 32059, 33750, 36397

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	N/A		
Photo interpretation	N/A		
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	N/A		
Electromagnetic	N/A		
Induced Polarization	N/A		
Radiometric	N/A		
Seismic	N/A		
Other	N/A		
Airborne	N/A		
GEOCHEMICAL (number of samples analysed for...)			
Soil	N/A		
Silt	N/A		
Rock	101	9 claims	
Other	N/A		
DRILLING (total metres; number of holes, size)			
Core	N/A		
Non-core	N/A		
RELATED TECHNICAL			
Sampling/assaying	101	9 claims	5,440
Petrographic	N/A		
Mineralographic	N/A		
Metallurgic	N/A		
PROSPECTING (scale, area)	40sqkm	9 claims	50,480
PREPARATORY / PHYSICAL			
Line/grid (kilometres)	N/A		
Topographic/Photogrammetric (scale, area)	N/A		
Legal surveys (scale, area)	N/A		
Road, local access (kilometres)/trail	N/A		
Trench (metres)	N/A		
Underground dev. (metres)	N/A		
Other	N/A		
		TOTAL COST:	55,920

2017 Big Bear North Property Prospecting Report

Omineca Mining Division
British Columbia, Canada

NTS: 093F6/7
NAD(83) Zone 10N
Central Coordinates 368650E, 5912500N

Event #: 5655595

Property Owner:
New Gold Inc.
181 Bay Street, Suite 3510,
Toronto, Ontario, Canada, M5J 2T3

Prepared by:
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Exploration Database Administrator
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And

Christopher Longton
Senior Exploration Geologist
New Gold Inc., BC

October, 2017

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Introduction

This report documents the prospecting and sampling survey conducted by New Gold Inc. on the Big Bear North property, at the Blackwater Gold Project, between June 6th and June 27th, 2017. The main objective of the survey was to thoroughly explore for, and sample, all outcrop while making preliminary geological observations.

New Gold Inc. acquired the Big Bear and Big Bear North properties from Parlane Resources on July 4th of 2017. New Gold were granted access to the property to carry out this preliminary work prior to the mineral tenures being transferred so as to have the work completed before the mineral tenures expired on July 11th of 2017.

This report has been written to fulfill the requirements for filing technical work under the British Columbia Mineral Tenure Act, in relation to event 5655595, registered on July 7th 2017. This report is not compliant with National Instrument 43-101 and Form 43-101F1, and should not be used as a "Technical Report" under National Instrument 43-101.

Property Description, Location, and Access

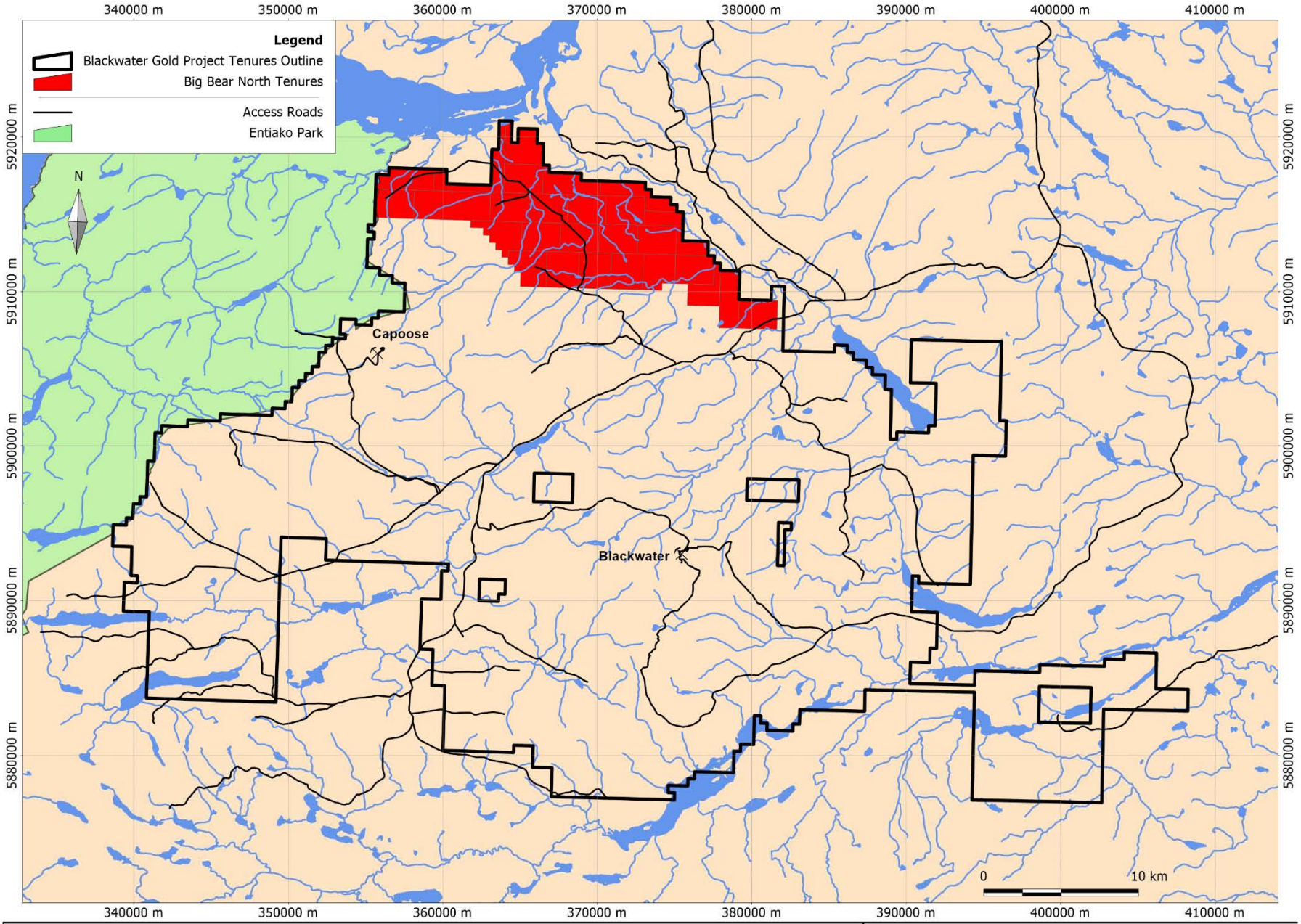
The Big Bear North Property lies in the Nechako Plateau of central British Columbia, approximately 100 km southwest of Vanderhoof, 170 km west of Quesnel, and 475 km north of Vancouver (Figure 1). Access to the property is by the all season Kluskus-Malaput Forest Service Road, which crosses the eastern portion of the property. Secondary logging roads provide access to other parts of the property. Elevations on the Big Bear North property range from 900 to 1,440 meters. Bedrock outcrops on the western portion of the property with the eastern portion covered by glacial till.

The property consists of 31 mineral tenures totaling 13,103 hectares (Table 1) and is part of the larger Blackwater Gold Project (Figure 2).

Title Number	Claim Name	Owner	Title Type	Title Sub Type	Map Number	Issue Date	Old Good To Date	New Good To Date	Status	Area (ha)
713362	KL1	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	482.6994
713382	KL2	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	482.7135
713402	KL3	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	482.7142
713422	KL4	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	482.7149
713442	KL6	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	444.0928
713462	KL7	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.6495
713482	KL8	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.3895
713502	KL9	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.5628
713522	KL10	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	347.6368
713542	KL11	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.1958
713562	KL12	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.2056
713582	KL13	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.2073
713602	KL14	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.2081
713622	KL15	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.2123
713642	KL16	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.1621
713662	KL17	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.0186
713682	KL18	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.0209
713702	KL19	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.0236
713722	KL20	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.0257
713742	KL21	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.0275
713782	KL22	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.029
713802	KL22	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	463.0306
713822	KL23	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	462.9339
713842	KL24	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	462.8777
713862	KL25	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	482.1307
713882	KL26	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	482.1533
713902	KL27	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	482.1339
713922	KL28	282146	Mineral	Claim	093F	2010/MAR/04	2017/JUL/11	2018/FEB/20	GOOD	462.6647
1046035	THE CUB	282146	Mineral	Claim	093F	2016/AUG/18	2017/AUG/18	2018/FEB/20	GOOD	38.544
1046802	THE CUB 2	282146	Mineral	Claim	093F	2016/SEP/19	2017/SEP/19	2018/FEB/20	GOOD	38.5521
1046869	THE CUB 3	282146	Mineral	Claim	093F	2016/SEP/22	2017/SEP/22	2018/FEB/20	GOOD	57.8191

Table 1 Property Mineral Tenures

Figure 1 Big Bear North Location Map



Big Bear North Location - Property

North American 1983 (mean for CONUS)
Universal Transverse Mercator - Zone 10 (N)
Scale 1:300000

Figure 2 Big Bear North Property

Geology

The author's understanding of the regional geology are a direct result of the work from Diakow, L. J. and Levson V.M., 1997. The geology section of this report is taken directly from Diakow (1997).

Regional

After Diakow 1997

The property is situated along the eastern margin of the Stikine Terrane, west of the structural contact with the Cache Creek Terrane and immediately south of the Skeena Arch. Strata of the Stikine Terrane in central and east-central British Columbia comprise superposed island and continental margin arc assemblages and epicontinental sedimentary sequences.

Island arc volcanism and associated sedimentation in central Stikine Terrane spans Late Triassic to Middle Jurassic time. Elsewhere in Stikinia, remnants of Early Devonian to Permian arc volcanic rocks are known (Monger, 1977). The oldest strata exposed in east-central Stikinia are fossiliferous Upper Triassic sediments, sporadically exposed in the Smithers (Tipper and Richards, 1976b; MacIntyre et al., 1996) that closely resemble flows of the Stuhini Group, crop out near fine-grained marine sediments containing the Carnian to early Norian bivalve Halobia in the Fulton Lake map area. These rocks are possibly coextensive with fossil-bearing Upper Triassic marine sediments mapped along the western margin of the Stikine Terrane in the Whitesail Lake (van der Heyden, 1982) and Terrace (Mihalynuk, 1987) map areas, where they crop out in close proximity to Lower Permian carbonates (van der Heyden, 1982). Early and Middle Jurassic rocks of the Hazelton Group stratigraphically overlie the Stuhini Group throughout much of Stikinia. The Hazelton Group is a lithologically varied island arc succession composed of subaerial and submarine volcanics locally inter-layered with marine sediments (Tipper and Richards, 1976a).

Island arc volcanism commenced in Middle Jurassic time, broadly coincident with a protracted event of terrane accretion and the subsequent overlap of older arc strata by widespread Upper Jurassic and Lower and mid-Cretaceous flysch and molasse deposits. Terrane accretion began possibly as early as Bajocian time, resulting in structural juxtaposition of oceanic Cache Creek Terrane onto Stikinia, and led to early development of the Bowser Basin and shale deposited in a starved marine environment (Ricketts and Evenchick, 1991; Tipper and Richards, 1976a). Overlying coarser clastic rocks, consisting largely of conglomerate shed from the uplifted Cache Creek Terrane, record fluvatile transport and progradation of deltaic deposits along the periphery of the basin. The Skeena Arch became an uplifted area and sediment source for northerly flowing drainages into the southern part of the Bowser Basin from mid-Oxfordian to earliest Early Cretaceous times. During parts of the Early and Late Cretaceous, sediments sourced from the northeast and east record initial deposition of nonmarine and shallow marine sediments of the Sustut and Skeena groups. In south and south-central Stikinia, contemporaneous deposits of sandstone, siltstone and conglomerate are widespread and suggest that a number of smaller sedimentary basins may have been connected (e.g., NazkoBasin; Hunt, 1992).

Regional contractional deformation, documented in widely separated areas of the Stikine Terrane in the Taseko Pemberton (Garver, 1995), and the Spatsizi (Evenchick, 1991; Evenchick and McNicoll, 1993) map areas was a middle and Late Cretaceous event. This orogenic event coincides with the transition from sedimentary deposition to continental margin arc volcanism. Definitive evidence of Cretaceous contractional deformation in the intervening region of central Stikinia, particularly in the Nechako River

map area, has not yet been recognized. However, a domain of cleaved rocks with local zones of mylonite in the Nechako Range may be the record of this event.

Continent margin arc volcanism began in south and central Stikine Terrane in Late Cretaceous time and continued episodically into the Eocene with eruption of the Kasalka, Ootsa Lake and Endako groups. The Upper Cretaceous Kasalka Group unconformably overlies the Skeena Group. The Kasalka Group records construction of isolated volcanic centres as the magmatic front apparently migrated from the Coast Belt eastward across the Stikine Terrane over a period of nearly 30 million years, ending in latest Cretaceous time. Robust continental arc magmatism was re-established during Middle and late Eocene time with eruption of the Ootsa Lake and Endako groups. This volcanism appears to be closely linked to regional crustal transtension in central British Columbia, manifest in up-welling of high-grade metamorphic rocks in core complexes (Ewing, 1980) and major strike-slip faults, such as the Tatla Lake Metamorphic Complex adjacent to the Yalakom fault in the Anahim Lake map area (Friedman and Armstrong, 1988).

Miocene and younger volcanism, represented by the Chilcotin Group, is dominated by transitional basalts that formed flat-lying lava fields, mainly in southern Stikinia. The Chilcotin Group is interpreted to have erupted in a back-arc setting, east of the Pemberton-Garibaldi arc (Souther, 1991, Bevier, 1983a,b). Shield volcanoes, comprising the Anahim Belt, are locally perched on the plateau-forming Chilcotin lavas. They consist of distinctive peralkaline volcanoes erupted between 8.7 and 1.1 Ma above a mantle hotspot (Bevier et al., 1979; Souther, 1986; Souther and Souther, 1994).

Local

Naglico Formation

The Naglico formation is dominated by augite-phyric mafic flows, lesser tuffs and scarce intervolcanic marine sediments.

The internal lithologic variability in rocks of the Naglico formation, no single section is representative, however, certain lithological features persist over broad areas. The primary lithologies include dark green and sometimes maroon, massive weathered flows of basalt and andesite. Augite phenocrysts are a diagnostic feature of these flows, commonly comprising 1 to 3 volume percent as vitreous prisms averaging between 1 and 2 millimetres long (in rare instances, 5 to 15 millimetres in length). Despite partial to complete replacement of augite by chlorite, epidote, carbonate and opaque granules, they generally retain their prismatic habit. Plagioclase is the primary constituent in all flows that include a number of textural varieties such as sparsely porphyritic, fine-grained crowded plagioclase porphyry to coarse-grained porphyry. Plagioclase is slender, less than 2 millimetres long, in amounts up to 35 volume percent in the crowded varieties.

Dense aphanitic basalts are commonly interlayered with the more voluminous porphyritic flow varieties. They are lava flows with a fine granular aphanitic texture that sometimes display millimetre-thick resistant laminae protruding from smooth weathered surfaces. Thin sections of these rocks reveal olivine and augite grains occupying interstices between plagioclase microlites. A representative suite, comprised of both pyroxene- bearing and aphanitic lavas, has a compositional range of basalt to basaltic andesite. Major and trace elements indicate they are subalkaline with a low-potassium tholeiitic to calcalkaline trend of island arc affinity.

Generally, sedimentary rocks tend to comprise thin recessive beds that rarely crop out and are commonly found as angular sedimentary debris churned up in roadcuts and logging cutblocks, near

more diagnostic lithologies of the Naglico formation. The main feature of these intervolcanic sediments is their immaturity, characterized by the high proportion of angular plagioclase and volcanic-lithic detritus. The dominant lithologies include feldspathic sandstone and silts tone, tuffaceous argillite, locally prominent volcanic conglomerate and scarce limestone. Fossils are nearly always present, varying in abundance from a few indeterminate belemnites and bivalves to zones containing a rich and varied fauna. A solitary sonninid ammonite extracted from limestone suggests a probable early Bajocian age for the Naglico formation underlying much of the Entiako Spur (Collection GSC C-143394; H.W. Tipper, Report 72-1994-HWT).

Ootsa Lake Group

The Ootsa volcanic field in map area is against older basement of the Nechako uplift. South of the fault, Ootsa Lake volcanic strata form outliers that cap high-standing Jurassic rocks along the Fawnie Range and Entiako Spur.

Ootsa Lake strata unconformably overlie Upper Cretaceous volcanics and have an estimated minimum composite thickness of 450 metres. The lowermost unit consists of dark grey, massive and amygdaloidal andesite flows with amygdules infilled by silica, calcite and epidote. These flows are minor members within a gradationally overlying bladed-feldspar porphyritic andesite section that is locally up to 100 metres thick. Typically these rocks are dark grey-green and contain diagnostic plagioclase laths between 5 and 15 millimetres long (20-40% by volume) and pyroxene (5-10% by volume). These units generally appear beneath an upper, conformable section of felsic rocks made up of volumetrically minor dacite flows and more prevalent rhyolite flows and tuffs. The dacitic rocks, which commonly weather to flaggy porcellaneous fragments, are light green or grey and contain tabular feldspar phenocrysts 2 to 3 millimetres long (5-10% by volume) and slender hornblende phenocrysts 1 to 3 millimetres long. Rhyolitic rocks occupy the stratigraphic top of the Eocene sequence north of the Natalkuz fault. The flows are typically chalky white and pink coloured and display a variety of textures that includes porphyritic and thinly laminated flows, massive flows and flow breccias, and rare interlayered pitchstones. Spherulites are common in rocks that have undergone varying degrees of devitrification. Phenocrysts up to 3 millimetres in diameter comprise up to 20% of the rhyolite flows and include, in order of abundance, plagioclase, potassium feldspar, quartz (<3%) and biotite (1-2%). Air-fall tuffs, sometimes inter-layered with the rhyolite flows, consist of white and light green, massive to well bedded ash, crystal, crystal-lapilli and lapilli-block tuffs. A section of graded crystal-lapilli tuffs more than 200 metres thick crops out along the north side of Natalkuz Lake.

The tuffs contain a phenocryst assemblage of feldspar, quartz and biotite. Lithic fragments are fine grained, subangular to angular and predominantly felsic volcanic rocks. Carbonized wood fragments and rare upright tree trunks observed in the rhyolitic tuff unit attest to subaerial deposition. A massive aphanitic rhyolite, with conspicuous parallel joints, is exposed in the canyon walls along the Entiako River near its confluence with the Nechako Reservoir.

Stratigraphy in the Mount Davidson outlier consists of two lithologically distinct rhyolite flow and pyroclastic members that bound an intervening andesite flow member. The lower rhyolite bears a close lithologic resemblance to rocks forming the top of the Eocene sequence north of the Natalkuz fault. It consists of off-white, mauve and pale green flows, interflow breccia, and scarce lapilli tuff. Typically these rhyolitic rocks have thinly laminated and aphyric textures, however, some are sparsely porphyritic and contain plagioclase, quartz and biotite phenocrysts. Fine laminae in the flows are commonly

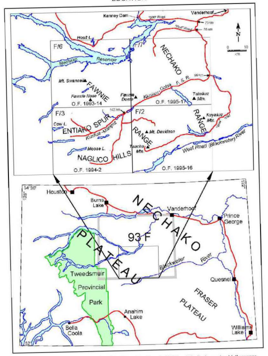
overgrown in part by spherulites, which coalesce and form discontinuous layers that obscure the primary textures. Scarce lithophysae are also present. The middle andesite member is mainly composed of massive flows, with lesser flow breccia and some laharic deposits that conformably overlie rhyolitic rocks. The flows contain slender plagioclase phenocrysts up to 6 millimetres long and sometimes rounded amygdules, filled with chlorite and opalescent and crystalline silica, set in a dark green groundmass. The lithologic similarity of these rocks to those of the Naglico formation and Nechako volcanics makes separating the successions difficult. In general, Eocene andesites in the area are relatively unaltered and vitreous pyroxene, although present, is more abundant in the Jurassic rocks. The upper rhyolite member consists of pyroclastic flows and related tuffs that thicken locally to 250 metres within a small volcanic subsidence structure centred on Mount Davidson. The rocks thin outward from the main area of subsidence, with the farthest outcrops north of Top Lake and south of Tsacha Mountain forming isolated exposures that rest directly on Jurassic rocks. The main lithology is massive, blocky weathered, uniformly welded ash-flow tuff that forms resistant benches, some dominated by cooling features resembling columnal joints. The ash-flows typically contain up to 35% broken crystals, usually less than 3 millimetres in diameter, and lithic fragments within a grey indurated matrix. Quartz is very diagnostic (3-10%), commonly occurring as clear euhedra between 1 and 4 millimetres in diameter. The lithic fragments are mainly porphyritic lapilli and fewer blocks of andesitic composition. Thin discontinuous volcaniclastic-epiclastic deposits locally cap the upper rhyolitic member along the Mount Davidson ridge. These deposits are only a few to 10 metres thick and consist of poorly sorted blocks and lapilli beds, and less common mudstone and siltstone interbeds. The fragments are subangular to subrounded and consist of coarse-grained plagioclase and pyroxene that resemble andesitic flows characteristic of the Naglico formation. Quartz and some biotite grains are found with plagioclase in the matrix of the coarse deposit and some of the finer grained beds. These remnants are interpreted as post-subsidence fill, derived in part from high-standing Jurassic rocks and deposited with thin lacustrine mudstone and siltstone over locally subsided ash-flow tuff.

Chilcotin Group

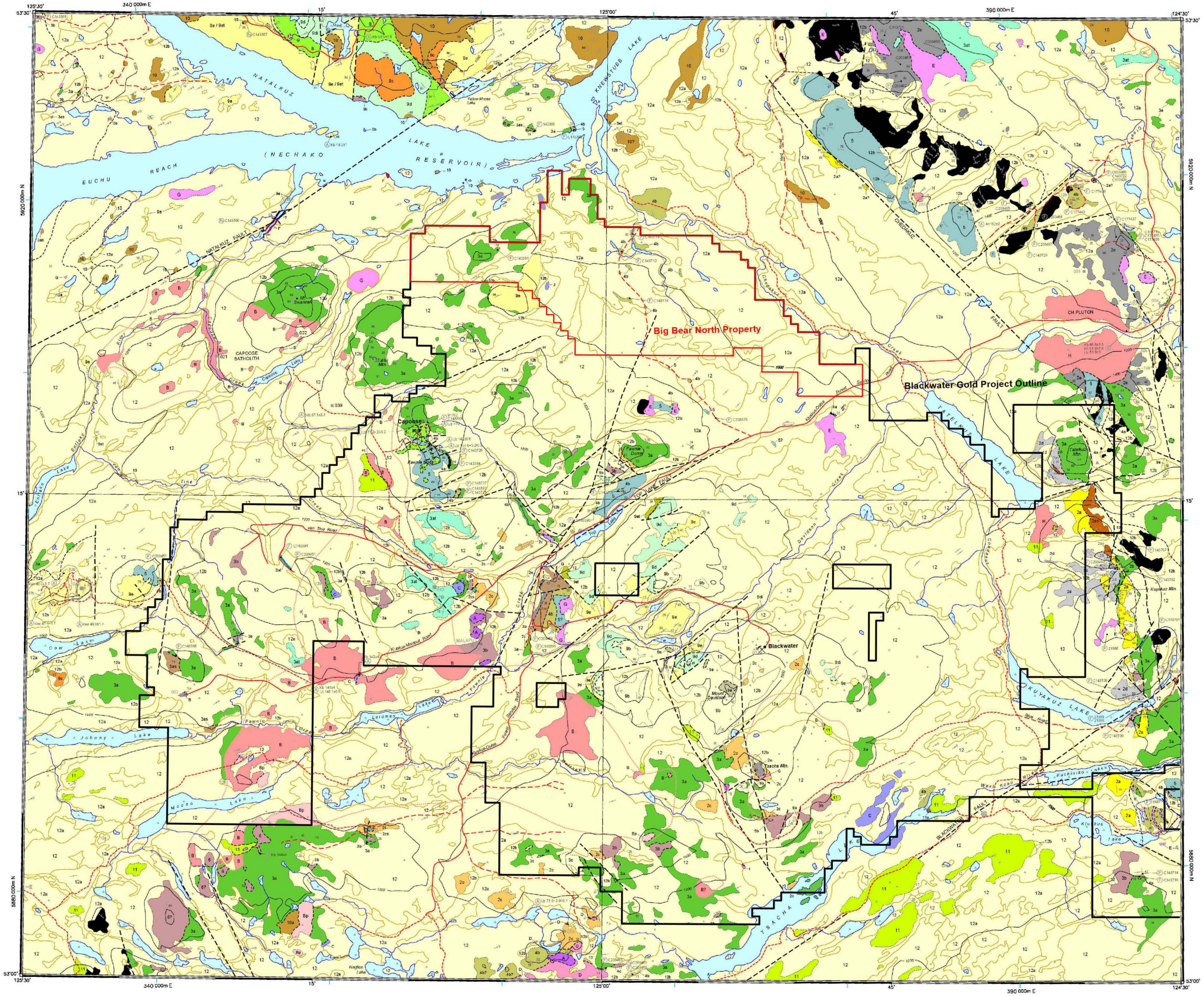
Basalt lava flows of the Chilcotin Group are the youngest rocks mapped in the area. Chilcotin lavas exposed in the area mark the northern margin of the extensive Neogene volcanic field that underlies much of the southern Interior Plateau (Mathews, 1989). The Blackwater River coincides with a profound physiographic change from a highland underlain by Mesozoic rocks of the Nechako uplift in the north, to a plateau comprised of thick, flat-lying basaltic lavas of the Chilcotin Group to the south (Bevier, 1983a, Mathews, 1989), on which late-Miocene and younger shield volcanoes of the Anahim volcanic belt (Souther and Souther, 1994) are perched. South of Tsacha Lake and the Blackwater River, the plateau is rimmed by an escarpment that exposes more than 150 metres of basaltic flows. North of the Blackwater River, the Chilcotin Group crops out between 1000 and 1400 metres elevation.

Basalt of the Chilcotin Group is massive and commonly columnar jointed. Individual flows commonly grade through massive into vesicular and oxidized scoriacous and brecciated flow tops. They weather light brown and fresh surfaces are black with a dense aphanitic texture. Unaltered olivine phenocrysts are conspicuous in a dark black aphanitic groundmass; plagioclase laths between 1 and 1.5 centimetres long are present, only rarely. Chilcotin Group to the south indicate a broad Miocene-Pliocene range (Mathews, 1989) differentiated porphyritic phases. Rocks in contact with these equigranular intrusions are generally thermally metamorphosed to biotite hornfels.

LOCATION



Approximate mean magnetic declination (1986) for centre of map is 25°48' or 459 mils decreasing 14.4' per year.
Universal Transverse Mercator Grid Zone 10



Symbols

- Stratigraphic contact (approximate)
- Intrusive contact (approximate)
- High angle fault (assumed)
- Thrust fault (assumed)
- Bedding, flow layering
- Foliation
- Fossil locality [macrofossil (F), palynology (Fp); GSC location number] ... Ⓕ C143834
- Age determination site [method Ar-Ar (A), K-Ar (K), U-Pb (U); age in m.y. (Ma)] Ⓐ K 174Ma subscripts (separate analyzed): b-biotite, h-hornblende, t-titanite, wr- whole rock, z-zircon
- Ice flow direction
- Fluting
- Till geochemistry site
- Lake sediment geochemistry site
- MINFILE occurrence ... 039
- Major all weather logging road, secondary road, trail

Mapping and Analyses

Surficial Mapping (1993 and 1994):
NTS 93F/3: V.M. Levson and T.R. Giles
NTS 93F/2 and 7: V.M. Levson, T.R. Giles, G.F.Weary and E.K. O'Brien

Bedrock Mapping (1992 to 1994):
NTS 93F/6: L.J. Diakow, K. Green, J.A. Whittles and A. Perry
NTS 93F/3: L.J. Diakow, I.C.L. Webster, H. Jennings and J. Riddell
NTS 93F/2, 7: L.J. Diakow, T.A. Richards, J.A. Whittles and I.C.L. Webster

Fossil Identifications:
Terry P. Poulton, Howard W. Tipper and Jim W. Haggart of the Geological Survey of Canada.

Age Determinations:
Uranium-lead geochronology by Richard M. Friedman and potassium-argon determinations by Joe Harakal at The University of British Columbia; argon-argon dating by Peter Reynolds at Dalhousie University.

References

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Levson, V.M. and Giles, T.R. (1997): Quaternary Geology and Till Geochemistry Studies in the Nechako and Fraser Plateaus, Central British Columbia (93C/1,8,9,10; F/2,3,7; L/16; M/1); in Interior Plateau Geoscience Project: Summary of Geological, Geochemical and Geophysical Studies, Newell, J.M. and Diakow, L.J., Editors, B.C. Ministry of Employment and Investment, Paper 1997-2, pages 123-146.

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Cartography mainly by John Armitage.
Reviewed by W.J. McMillan.

BRITISH COLUMBIA
Ministry of Employment and Investment
Energy and Minerals Division
Geological Survey Branch

Mineral Development Agreement

GEOLOGICAL SURVEY BRANCH
GEOSCIENCE MAP 1997-2

BEDROCK AND SURFICIAL GEOLOGY OF THE SOUTHERN NECHAKO PLATEAU, CENTRAL BRITISH COLUMBIA

NTS 93F/ 2, 3, 6, & 7

By L.J. Diakow and V.M. Levson

Scale 1:100 000

0 2 4 6 8 10
Kilometres

LEGEND

VOLCANIC AND SEDIMENTARY ROCKS

LATE QUATERNARY

- Fluvial/glaciofluvial sand and gravel, lacustrine/glaciolacustrine sediments, and organic deposits; geochemical signature generally regional and difficult to trace to source; includes floodplain, terrace, delta, alluvial fan, outwash, esker, kame, peat bog, swamp and marsh deposits. *Note: See 1:50 000 scale Open File maps for internal subdivisions of this unit.*
- **12** Morainal diamicton: dominantly basal tills; some glacially-derived debris flow deposits; geochemical signature generally local and traceable; diamicton massive or crudely stratified, dense, unsorted to very poorly sorted; matrix sandy to silty clay; clasts up to boulder size; flutings and crag-and-tail features common; deposits thin (<1 m thick) on steep upper slopes and thicker on lower slopes.
- **12a** Resedimented glacial debris: sandy diamicton, gravel and sand; dominantly glacial debris flow deposits with interbedded and/or overlying sands and gravels; common along meltwater channels and within areas of hummocky topography.
- **12b** Thin till and colluvial deposits: unsorted or very poorly sorted diamicton with abundant angular clasts of local bedrock; occurs mainly as veneers less than 1 metre thick over bedrock in upland areas; locally includes thicker colluvial fan and talus deposits at the base of steep slopes.

NEOGENE - MIOCENE TO PLIOCENE
CHILCOTIN GROUP

- **11** Olivine basalt lava flows: weather brown, crudely layered and columnar jointed, massive to vesicular, typically aphanitic or olivine phyric.
- **11a** Rare friable black mudstone and sandstone; may contain plant debris.

PALEOGENE - UPPER EOCENE
ENDAKO GROUP

- **10** Basaltic andesite and andesitic lava flows: weather buff grey-green, fresh surface lustrous black, aphanitic to sparsely porphyritic, contain plagioclase and microscopic augite and hypersthene, rarely amygdaloidal with scarce amygdules infilled with opalescent silica; minor hematized interflow breccia.
- **10a** Rare andisitic flow member characterized by plagioclase megacrysts up to 1 cm.

MIDDLE EOCENE
OOTSA LAKE GROUP

- **9a** Andesitic lava flows and volcaniclastic rocks: dark green to maroon, coarsely porphyritic flows and tuff breccia; minor interbedded ash-tuff; rare block tuff and laminated black siltstone on the summit of Mount Davidson.
- **9b** Rhyolitic ash-flow tuff: grey green, unwelded to weakly welded, crystal fragments (25-30%) characterized by resorbed and prismatic quartz (5-15%, avg. 2mm diameter), plagioclase, potassium feldspar (2-7%) and rare sericitized biotite, lithic fragments (5-20%) typically of lapilli size consist of cognate quartz phyric rhyolite, flow banded and aphanitic rhyolite, and porphyritic andesite; the groundmass when stained indicates weak to moderate potassium feldspar; minor block-lapilli tuff; rare bedded sections of quartz-bearing sandstone derived from the underlying ashflows.
- **9c** Dacitic lava flows: light grey, flaggy weathering, sparse plagioclase, quartz and biotite phenocrysts.
- **9d** Andesitic lava flows: maroon and dark green, typically porphyritic with 20-30% slender plagioclase up to 5 millimetres and sparse pyroxene phenocrysts, minor amygdaloidal flows with quartz, epidote and chlorite amygdules; Subunit 9di is a local andesitic flow member that contains plagioclase laths up to 1.2 cm, resembling Unit 10a.
- **9e** Rhyolitic lava flows (ca. 49.2±1 to 49.9±1.7 Ma): mauve, cream, light green or grey, aphanitic to sparsely porphyritic, flow laminated textures predominate but are commonly overprinted by solitary and coalescing spherulites, porphyritic flows contain plagioclase, up to 5% quartz and traces of rare sericitized biotite; autobrecciated flows. Basal conglomerate, dominated by hornblende-biotite quartz monzonite cobbles and boulders; occurs in a creek exposure at the Wolf mineral prospect, east of Entiako Lake.
- **9et** Fine ash to lapilli tuff dominated by rhyolitic fragments, locally up to 15% quartz phenocrysts; well bedded, minor lacustrine tuffaceous sandstone and siltstone interbeds may contain plant fragments.

UPPER CRETACEOUS

- **8** Andesitic lapilli tuff and tuff breccia (ca. 64.5 ±1.8 and 70.3±3 Ma): grey-green or purple, monolithic hornblende phyric fragments; white aphanitic rhyolite lava flows (ca. 71.8+2.0/-0.2 Ma) that are possibly cogenetic with nearby Late Cretaceous garnet-bearing rhyolite dikes and sills in the immediate vicinity of the Capoose prospect (MINFILE 040).

LOWER CRETACEOUS

- Black mudstone and sandstone with thin carbonaceous layers containing Albian palynomorphs, minor conglomerate: sporadic exposures found only along the shoreline at the mouth of the Entiako River.

UPPER JURASSIC TO LOWER CRETACEOUS

- **6** Dacitic lava flows containing sparse biotite (ca. 144 ± 4 Ma), lapilli tuff containing aphanitic off-white rhyolitic fragments, laminated ash tuff, minor welded tuff.

MIDDLE AND UPPER JURASSIC
BOWSER LAKE GROUP
NECHAKO VOLCANICS

- **5** Pyroxene phyric basaltic flows and andesitic to rhyolitic tuffs: dark green, a rare hornblende phyric andesite flow is dated near the base of the succession in the northern Nechako Range (ca. 152 ± 2 Ma); tentatively correlative stratigraphy in the northern Fawnie Range has a dacitic flow near the top of the succession (ca. 157.6+5.2/-0.3 Ma), underlying strata consist mainly of pyroxene phyric basalt flows, variegated green and maroon andesitic ash tuff with scarce interbeds of accretionary lapilli, thin rhyolitic ash-flow tuff at the base conformably overlies units 4a and 4b. Immediately to the north of Top Lake, pyroxene phyric basalt flows contain rare interbeds of accretionary lapilli tuff. Feldspathic sandstone locally interlayered with the volcanic rocks may contain bivalves.

ASHMAN FORMATION (EARLY CALLOVIAN TO OXFORDIAN)

- Conglomerate, sandstone, siltstone and minor mudstone: planar bedded conglomerate, which is dominant in the northern Nechako Range, is characterized by off white to light grey chert and lesser black argillite pebbles and cobbles, interlayered grey or light green siltstone and sandstone, lesser dark green and black mudstone.
- **4b** Similar to Unit 4a except conglomeratic layers are minor or absent. In the central and southern Nechako Range, the proportion of conglomerate decreases and sandstones interlayered with black siltstone and mudstone increases. The chert-bearing succession thins dramatically to the west across the Chedakuz Creek valley towards the northern Fawnie Range, where conglomerate layers comprise discontinuous thin interbeds within drab olive green sandstones and siltstones that contain abundant plagioclase and lesser pyroxene grains. Mudstones may contain recessive limy concretions. Bivalves and ammonites are moderately abundant.
- **4c** Minor lapilli tuff and reworked crystal and ash tuffs: green; subangular lapilli and blocks up to 8 cm, fragments are composed mainly of andesite; laminated and graded ash tuff, and interbeds rich in feldspars are possibly derived by reworking these tuffs.

LOWER AND MIDDLE JURASSIC
HAZELTON GROUP
NAGLICO FORMATION (BAJOCIAN)

- **3a** Basalt and andesitic lava flows: dark green and maroon, characterized by vitreous pyroxene phenocrysts (trace to 15%), textural varieties include dense aphanitic flows, crowded plagioclase (~30-40% equant subhedral plagioclase ≤3 mm in diameter) to coarse grained porphyries (plagioclase to 6 mm), and amygdaloidal porphyry; minor flow breccia; rare hyaloclastite. Epidote, quartz, calcite and hematite are widespread as clots and in veinlets. This unit is lithologically similar, to, and therefore easily confused with pyroxene-phyric rocks of Unit 5.

LOWER AND MIDDLE JURASSIC (continued)
HAZELTON GROUP (continued)
NAGLICO FORMATION

- **3al** Limestone: white and grey; recrystallized; fossiliferous; 3 metre thick exposure along the van Tine road.
- **3as** Sandstone, siltstone, mudstone and subordinate granule-pebble conglomerate as recessive intervals between Unit 3a flows: green, angular feldspar and volcanic lithic clasts are the major detrital components, the clasts are generally off white and composed of aphanitic rhyolite; rare conglomerate composed of clasts up to 30 cm that are derived locally from Units 2c and 3a. Abundant bivalves and rare ammonites.
- **3at** Mainly lapilli tuff and lesser breccia dominated by fragments of Unit 3a.
- **3b** Lapilli tuff, ash tuff and crystal-ash tuff, rare accretionary lapilli tuff: maroon and light green; minute (generally ≤1.5 mm) broken quartz grains are diagnostic but scarce (1-2%); faint to distinctly layered fine grained interbeds, local internal grading; similar bedded tuffs recur upsection in Unit 5 in the northern Fawnie Range.
- **3c** Dacitic porphyry flows: maroon, local faint flow laminae.

ENTIAKO FORMATION (EARLY TOARCIAN TO AALENIAN (?))

- **2a** Rhyolitic lapilli tuff and rare accretionary lapilli tuff: light pink or off white, characterized by up to 5% angular quartz, and potassium-bearing lithic fragments. Exposed best in the vicinity of Kuyakuz Mountain.
- **2as** Sandstone and siltstone composed mainly of angular plagioclase and subordinate quartz grains: gradational above and laterally with tuffs of Unit 2a.
- **2b** Waterlain mafic ash and lapilli tuff: well bedded, dominated by finely vesicular and amygdaloidal basaltic lapilli. Locally underlies units 2a and 2as at Kuyakuz Mountain.
- **2c** Rhyolite ash-flow tuff, lapilli tuff: off-white, grey and pink, well indurated, weakly to moderately welded, diagnostic subrounded to elliptical resorbed quartz phenocrysts up to 3 mm (1-7%), lithic pyroclasts include flow-laminated rhyolite, porphyritic andesite and rare granodiorite. Scarce rhyolitic lava flows with white or black flow laminae. Subaerial volcanic facies confined mainly to the central and southern Fawnie Range. May be comagmatic with Unit 2a.
- **2cs** Quartz-rich sandstones and siltstones minor cobble conglomerate, lesser interlayered lapilli tuff and ash tuff: maroon or grey green, well bedded, graded and cross laminated; quartz grains and quartz-bearing clasts are apparently derived from Unit 2c.
- **2d** Feldspathic siltstones, sandstones and volcanic-lithic pebble conglomerate: dominated by plagioclase grains and angular off-white aphanitic rhyolitic fragments, minor black mudstone and lesser reworked felsic tuff interbeds; locally contains Toarcian ammonites. Difficult to distinguish from Unit 3as with certainty. Mapped mainly along the west side of the southern Nechako Range and interpreted as a shallow marine facies.
- **2e** Black mudstone, locally with discrete white ash-tuff laminae and minor disseminated pyrite; limy siltstone containing scarce grey and brownish impure limestone layers and concretions, minor feldspathic siltstone and sandstone. Locally contains Toarcian ammonites (*Kanense* zone) and the small delicate bivalve, *Bositra*. Recessive unit mapped intermittantly along the eastern flank of the Nechako Range and interpreted as a relatively deep marine facies.

UPPER TRIASSIC

- Siltstone and mudstone: black and tan brown, laminated, contains the bivalve, *Halobia*. Solitary exposure along the Red Road, just outside of the map area in mapsheet 93F/10.

INTRUSIVE ROCKS

TERTIARY - PROBABLY EOCENE

- **J** Gabbroic dikes or small plugs: grey to dark green, fine to medium grained, plagioclase, clinopyroxene and olivine phyric.
- **I** Biotite-feldspar porphyry dikes or small plugs: most are too narrow to represent at the current map scale. Phenocrysts include ≤20% subhedral plagioclase (2-7mm in diameter) and up to 7% vitreous and chloritized biotite in a light grey groundmass. They cut rhyolitic ash-flow tuffs of Unit 9b.
- **H** Granodiorite and granite stocks (ca. 51.8± 1 Ma): Undeformed granodiorite in the central Nechako is off white, coarse grained and equigranular with up to 25% combined, fresh biotite and lesser hornblende. Granite south of Tatelkuz Lake is distinguished by its relative absence of mafic minerals, which consist of between trace and 3% vitreous biotite. These plutons cut penetratively cleaved country rocks in the Nechako Range.
- **G** Quartz-feldspar porphyry plugs and dikes: light grey, pink and cream colored, quartz phenocrysts (5-15%), locally 5% combined hornblende and lesser biotite phenocrysts; miarolitic cavities in some plutons.
- **F** Rhyolite subvolcanic dome: bone white, aphanitic to sparsely plagioclase phyric, massive with up to 20% disseminated pyrite. Small body located at the mouth of the Entiako River.

POSSIBLY LATE CRETACEOUS

- **E** Dioritic plugs, sills and dikes: mottled green and off white, medium-grained equigranular texture; mapped throughout the Nechako Range where they are undeformed and cut penetratively cleaved country rocks, similar plutons are also mapped in the Chedakuz River valley where they apparently intrude and alter Middle Jurassic rocks of Units 4 and 5. Two bodies adjacent to the Kluskus-Ootsa road have unmapped minor pegmatitic monzonite and pyroxene-rich intrusive phases.

LATE CRETACEOUS

- Rhyolite sills (ca. 70 Ma) *too narrow to represent at the current map scale.* Off-white, aphanitic or contain sparse brownish garnet phenocrysts. Exposed near the Capoose prospect in the northern Fawnie Range, where they are lithologically indistinguishable from older, Early Cretaceous garnet-bearing rhyolitic sills.
- **D** Felsite sills (ca. 73.8+2.9/-0.1 Ma): greyish green, fine grained and equigranular, contain sparse plagioclase phenocrysts up to 4 millimetres long and up to 5% fine grained biotite flakes, weather to distinctive clinkery, conchoidal fractured fragments. Small widely scattered exposures in the vicinity of the Tsacha prospect where they locally cut mineralized quartz veins.

LATE JURASSIC TO EARLY CRETACEOUS

- Garnetiferous rhyolite sills (ca. 142 ± 0.6 Ma): *too narrow to represent at the current map scale.* Off white, aphanitic sucrosic texture, locally flow laminated, up to 3% brownish garnet and trace to 2% disseminated pyrite. Exposed immediately to the south of the Capoose prospect in the northern Fawnie Range.
- **C** Quartz diorite plugs: grey-green, medium-grained equigranular texture, hornblende dominant (≤20%) over biotite (≤3%); locally contains xenoliths of augite porphyry or fine grained diorite. Small bodies mapped near the margin, and locally intruded by Unit B.
- **B** Quartz monzonite and granodiorite (ca. 148.1 ± 0.6 Ma): Capoose batholith; pink, medium to coarse grained and equigranular; up to 15% combined fresh biotite and hornblende; numerous fine-grained grey dioritic xenoliths. South of Capoose Lake a probable unmapped granodiorite or quartz monzonite pluton, separate from the Capoose batholith, yields a potassium-argon age of 67.1 ± 2.3 Ma.
- **Bp** Porphyritic granodiorite and monzonite found locally along the border of the Capoose batholith in the Naglico Hills.

MIDDLE JURASSIC

- **A** Augite porphyry plugs: dark green, ≤20% augite phenocrysts (2-8mm) and randomly oriented plagioclase averaging 1-2 mm; rare laths up to 1 cm. Probable subvolcanic feeders to Unit 3a.

History and Previous Work

In the late 1960's Rio Tinto Canadian Exploration Ltd. carried out stream and lake sediment sampling surveys throughout the Nechako Plateau.

In 1993 and 1994 the BC Geological Survey undertook regional mapping, till sampling and regional lake sediment sampling programs throughout portions of the 93F map sheet.

In 2010 Greencastle Resources contracted Fugro Airborne Surveys Corp to undertake a 1,450 line-km DIGHEM survey (AR 32059). Flight lines were flown East-West at a 100m spacing, with North-South tie-lines flown at 1,000m spacing.

In 2012 Deveron Resources Ltd. carried out an exploration program consisting of eight soil sample grids, totaling 1,106 soil samples. Regional stream (88) and prospecting (47) samples were taken also (AR 33750).

In 2016 Little Bear Gold Corp. sampled the Liesegang and Sugar Bear showings. 51 soil and 5 float rock samples were taken at Liesegang and 48 soil and 8 float rock samples were taken at Sugar Bear (AR 36397).

2017 Prospecting Program

In June of 2017, two New Gold Exploration geologists engaged in a three-week field prospecting program in the Big Bear North property. The team focused on the western portion of the property for the greatest likelihood of outcrop. This area has the most drastic relief difference, and there are outcrops mapped by Diakow in his 1997 BCGS map (Figure 3). This area took precedence over the eastern portion of the property which is dominated by gently rolling glacial features. These features received attention through drives along active logging roads and hikes along deactivated roads through cut-blocks. In the central eastern portion of the property, some fossiliferous sedimentary outcrops were located and sampled, but no outcrop was found east of the 367,850 easting. To the far northwest, there is generous exposure. A creek dissects the northwestern tenures running roughly ENE and on either side of the creek there are gently sloping hills with regular cliff and shelf forming outcrops of rhyolite, basalt, and andesite. To the far west, there is a low lying cut-block with intermittent exposure (this is where the "Liesegang Showing" is located). To the far north lies further rolling hills with exposed bedrock and exposure along road-cuts (this is where the "Old Crow," "Sugar Bear," and unvisited "Cub" showings are located). The far north is proximal to the Nechako Reservoir. The traverses were broken into four "shifts" of four to five field days punctuated by an office day. Over the course of this field work, one-hundred and one samples were taken (Table 2).

Sample	East	North	RL	Sample	East	North	RL	Sample	East	North	RL
L017052	357207	5914994	1167	L017093	363471	5914272	1151	L016734	365744	5920060	953
L017053	356792	5914937	1108	L017094	363274	5915756	1052	L016735	365452	5920323	969
L017054	356197	5915105	1069	L017095	363243	5915894	1034	L016736	365460	5920450	955
L017055	356224	5915139	1068	L017096	363927	5918395	937	L016737	358832	5917504	968
L017056	356261	5915349	1056	L017097	363924	5918398	937	L016738	358319	5916614	1023
L017057	356802	5915288	1053	L017098	363940	5918405	940	L016739	359223	5917507	984
L017058	356910	5915380	1055	L017099	363923	5918449	943	L016741	367823	5914559	1013
L017059	359013	5915401	1144	L017100	363931	5918423	944	L016742	366871	5914715	1022
L017060	359113	5915347	1117	L016701	363909	5918337	938	L016743	366675	5914573	1013
L017061	359010	5915260	1117	L016702	363908	5918353	938	L016744	367814	5916081	964
L017062	359020	5915261	1117	L016703	363911	5918358	940	L016745	367846	5916140	973
L017064	359056	5915436	1164	L016704	363888	5918485	938	L016746	364660	5914948	1026
L017065	359196	5915534	1177	L016707	363987	5918398	953	L016748	358071	5915449	1072
L017066	359208	5915914	1194	L016706	363991	5918400	951	L016749	358070	5915450	1073
L017067	359313	5916067	1221	L016708	363944	5918482	956	L016750	357219	5915002	1160
L017068	359516	5916187	1223	L016709	363670	5918623	936	L016951	356686	5915204	1059
L017069	359891	5916299	1220	L016710	363370	5918638	945	L016952	356263	5915341	1046
L017070	360107	5916089	1241	L016711	363240	5918757	966	L016953	356278	5915384	1047
L017071	359891	5915857	1170	L016712	363636	5918637	941	L016954	359277	5915383	1047
L017072	359952	5915801	1126	L016713	363919	5918379	941	L016955	363920	5918609	936
L017073	361242	5916526	1090	L016714	363919	5918379	941	L016956	363939	5917927	965
L017074	362277	5916797	1082	L016715	363919	5918378	941	L016957	359323	5915312	1114
L017075	362195	5916645	1079	L016716	363887	5918527	940	L016958	363159	5916220	985
L017076	362868	5915749	1126	L016718	363234	5919114	948				
L017077	362848	5915582	1119	L016719	363261	5918962	941				
L017078	362996	5915540	1103	L016720	363350	5918956	950				
L017079	362736	5915400	1165	L016721	363352	5918955	946				
L017080	362537	5915341	1205	L016722	363854	5919120	912				
L017081	362036	5915377	1206	L016723	364403	5918992	1008				
L017082	361899	5915276	1211	L016724	363918	5918872	925				
L017084	361959	5915434	1204	L016725	363676	5919044	930				
L017083	361769	5915426	1196	L016726	363697	5918931	923				
L017085	361657	5915476	1215	L016727	363697	5918931	924				
L017086	362435	5915676	1134	L016728	363538	5918954	923				
L017088	362676	5914801	1233	L016729	365703	5919511	983				
L017089	362790	5914547	1256	L016730	365691	5919308	970				
L017090	362803	5914375	1264	L016731	365950	5919231	957				
L017091	363354	5913883	1200	L016732	365795	5919788	948				
L017092	363442	5914130	1178	L016733	365489	5919983	972				

Table 2 Field Sample Locations

Traverses

All the traverses are shown in Figure 6 below.

Northwest and Far West

The first traverses were designed to locate the Liesegang showing (Figure 4), to catalog the existing outcrops, and to attempt to locate any favorable lithology or other conditions which may prove promising for follow-up work at a later date. This region has the greatest topographic relief and the best outcrop exposure.

The geology was dominated by andesites and basalts with geographically localized rhyolite bodies. In addition, there was a quartz-feldspar porphyry exposed in the cutblock where the Liesegang showing was located. The Liesegang showing was a single vuggy quartz-malachite vein 5.0-10.0cm in outcrop. Similar vein material was noted in float. No other significant mineralization was located in these traverses.

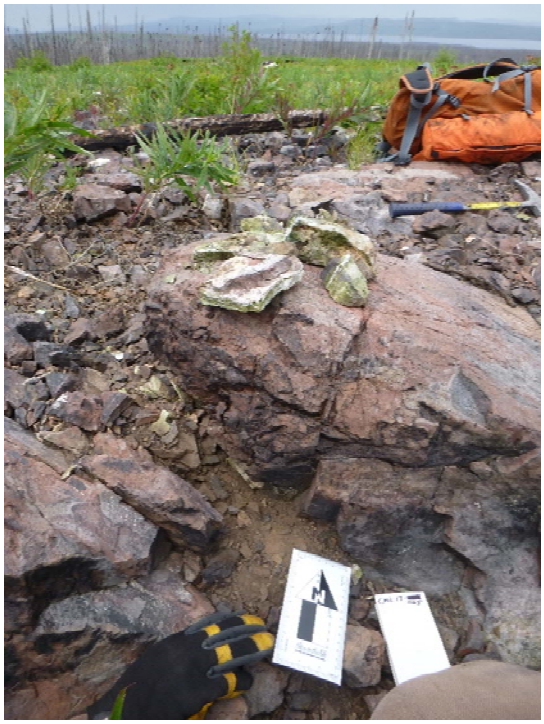


Figure 4 Liesegang Showing CML17-005

Far North

The second set of traverses was designed to target the farthest north tenures which included the Old Crow and Sugar Bear showings as well as mapping any previously unexplored outcrop.

The Old Crow showing (Figure 5) is a shear hosted vein system which had been noted previously by Deveron and Parlane Resources. The veins are 5.0-15.0cm wide multi-metallic, vuggy, shear-hosted quartz with a bleached selvage from 5.0-50.0cm wide. These veins are exposed in a road-cut which was previously trenched ~250m N-S, 50m E-W. The surrounding area is predominantly covered with minimal outcrop exposure.

Figure 5 Old Crow Showing CML17-059, 060

The Sugar Bear showing is subcrop along a road to the East of the Old Crow showing. It is made of float samples with 3.0-10.0% pyrite-dominant sulfides. The best assessment of the team was that outcrop may lay close below the road due to the angularity and abundance of the float.

The geology of the northern tenure blocks is dominated by andesites (locally fragmental) and sediments (pebble conglomerates, siltstones, and wackes).

Central

The central tenure blocks are dominated by rolling terrain with limited exposed outcrop. Fossiliferous sediments outcropped weakly along roadcuts.

East

The eastern tenures are dominated by rolling glacial terrain. Traverses in this area found no outcrops.

Sampling and Analyses

Rock samples were taken from outcrop or subcrop (approximately 1.5kg of material) and placed in individual plastic bags with unique sample tags. These samples were shipped to Act Labs in Kamloops for analysis by methods 1A2-ICP (Au fire assay with ICPOES finish) and 1F2 (Total digestion ICP finish).

Samples were crushed to 90% passing 1.7mm (10 mesh), then 250g split and pulverized to 95% passing 106microns (150 mesh). Cleaner sand was used between each sample. A 30g aliquot was taken and analyzed by the methods above.

Sample location details and descriptions were imported to the project relational database (Maxwell DataShed) from a field excel template. Results were imported directly from the lab certificates to DataShed to ensure no transcription errors.

Independent QA/QC samples were inserted every ten samples as part of the program. All standard results were within the control limits, and all blanks returned results at or below the 0.002 ppm detection limit for gold.

Results

Results from the sampling program confirmed the Au mineralization at Old Crow and Cu at Liesegang, originally sampled in 2016 by Parlane Resources. Four samples at Old Crow were anomalous in gold, having values above 0.1 ppm Au, with sample L016713 returning 2.51 ppm Au. Sample L016713 also contains 99.7 ppm Ag and 0.21% Cu.

There were no significant results from any of the other areas sampled. The full set of results are contained in Appendix B

Lithology observations confirmed the existing BCGS mapping undertaken by Larry Diakow.

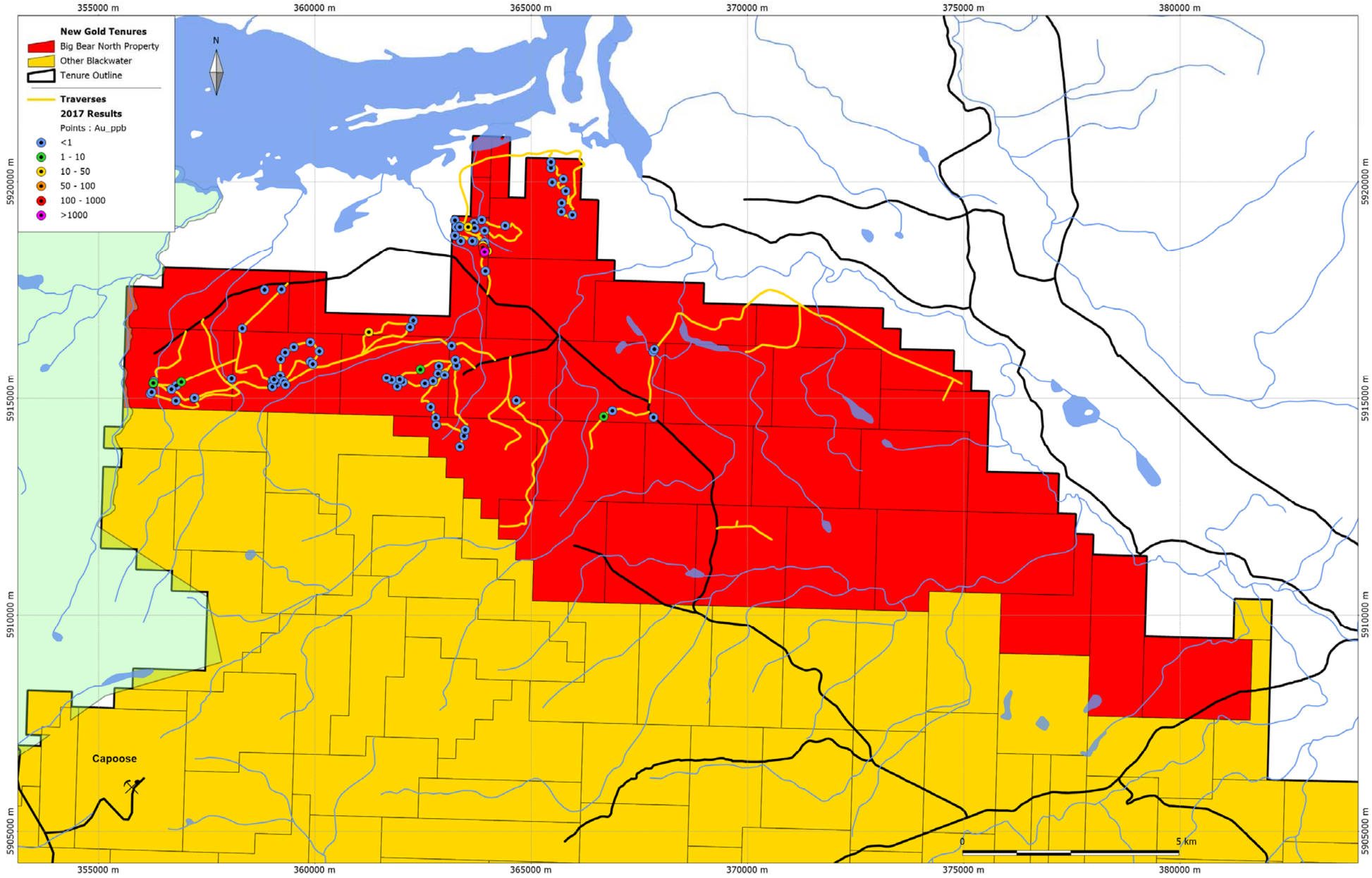


Figure 6 Traverses and Sample Results

Recommendations

The encouraging results from this year's work on Old Crow and Liesegang, and the results from previous work by Parlane Resources on The Cub and Sugar Bear showings should be followed up with small tightly spaced geophysical surveys to help with drill target definition.

On the property scale work, the eastern portion of the property is covered by glacial till and it is the author's recommendation that an indicator mineral survey be planned to test the heavy mineral fraction of the till for high concentrations of glacially dispersed gold grains and associated indicator minerals suggestive of proximity to significant undiscovered lode gold mineralization in the underlying bedrock.

Statement of Qualifications

I, John Bligh, certify that:

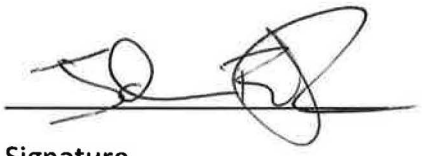
1. I am an employee of New Gold Inc, as Geological Database Administrator, with a business address located at:
   3510 – 181 Bay St.,
   Toronto, ON
   M5J 2T3

2. I graduated with an honour Bachelor's degree in geology from Dublin University (Trinity College Dublin) in 2007. I have practiced my profession continuously since 2007. My relevant experience is as follows:
   * 2007: Senior Geoscience Assistant for the British Columbian Geological Survey
   * 2008 - Oct 2010: Worked for Goldbrook Ventures on their Nunavik Nickel Project in the Raglan Belt, in Northern Quebec
   * Oct 2010 – Present: Worked on the Blackwater Gold Project for Richfield Ventures, prior to Richfield being taken over, and New Gold subsequently.

3. I am currently a Member In Training of the Institute of Geologists of Ireland.

4. I participated in all exploration programs at Blackwater since 2010, and I am therefore personally familiar with the work conducted in 2017.

Dated this 5th Day of October, 2017



Signature

John Bligh

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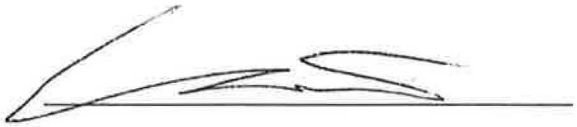
I Christopher Longton, am a Geoscientist employed by New Gold Inc. of Toronto, Ontario.

I graduated from Illinois State University with a Bachelor of Science in 2009 and have practiced in my profession since 2009. Since 2009 I have been involved in:

- regional mapping and sampling in at Red Chris in British Columbia with Imperial Metals
- Sampling, mapping, logging, and regional exploration with New Gold, Inc at Liberty Bell in Alaska (as a contractor);
- Sampling, mapping, logging, and regional exploration with New Gold, Inc at Western Mesquite Mines (as a contractor);
- Gold exploration with New Gold Inc. at the Rainy River Gold Project, Western Mesquite Mines, New Afton Mine, Fifield Project, and the Blackwater Project from 2011 to present.

I continue to work as a Senior Exploration Geologist for New Gold Inc.

Dated at Bremerton, WA, USA this 2nd day of October, 2017.



Signed

OCTOBER 2, 2017

Date

Statement of Costs

Personnel	**Field Days**	**Quantity**	**Rate**	**Subtotal**
Chris Longton - Snr Exploration Geologist	June 5th - June 28th incl travel days	24	700	16800
Tom Johnson - Exploration Geologist	June 5th - June 28th incl travel days	24	625	15000
Other Expenses	**Note**	**Quantity**	**Rate**	**Subtotal**
Accommodation		21	120	2520
Travel	Airfare			1290
Fuel				750
Food				2640
Supplies				1180
Tire Replacement				700
Administration and Accounting Support				1200
Analytical - Act Labs, Kamloops	Rock Samples	101	53.9	5440
Database Compilation	John Bligh	2.5	700	1750
Research	Christopher Longton	1.5	700	1050
Field Map Preparation	John Bligh	1	700	700
Report Writing	John Bligh/Christopher Longton	6	700	4200
Map Compilation	John Bligh	1	700	700
				55920

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Strickland, D.A. (2013): Assessment Report Nechako Gold Property; British Columbia Ministry of Energy and Mines, Assessment Report 33750, 252 pages.

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Appendix A – Sample Descriptions

Lith Code	Description
AND INT	Andesite Intrusion
AND LVFL	Andesite Lava flow
AND PYBX	Andesite Pyroclastic Breccia
BAS INT	Basalt Intrusion
BAS LVFL	Basalt Lava flow
CGL SED	Conglomerate Sedimentary
DAC ATF	Dacite Pyroclastic Ash (Tuff)
DAC LVFL	Dacite Lava flow
DAC PYBX	Dacite Pyroclastic Breccia
DIO INT	Diorite Intrusion
MUD SED	Mudstone Sedimentary
QFLV	Quartz Feldspar Lithic Volcanic
RHY LVFL	Rhyolite Lava flow
SST SED	Sandstone Sedimentary

Station_ID	Sample ID	Easting	Northing	Elevation	Type	Lith	Comment
CML-17-001	L017052	357207	5914994	1231	Outcrop	DAC LVFL	Aphanitic, locally finely laminated red-pink weathering rock. Occasional bomb size andesite clasts. 2-5% mm wide carbonate veinlets
CML-17-002	L017053	356795	5914940	1205	Outcrop	QFLV	Medium-grey siliceous rock, 5-10% mm wide quartz eyes. 5% mm scale euhedral plagioclase. 5% mm scale hornblende. Weathers chalky white. Local FeOx on joints
CML-17-003	L017054	356196	5915113	1074	Outcrop	DAC PYBX	Pinkish red aphanitic to lapilli volcanic. Local fine laminae. Widespread 10-100cm Liesegang banding defined by red hematite.
CML-17-004	L017055	356224	5915136	1064	Outcrop	DAC PYBX	Pinkish red aphanitic to lapilli volcanic. Local fine laminae. Widespread 10-100cm Liesegang banding defined by red hematite. Green ?malachite on joints
CML-17-005	L017056	356264	5915345	1050	Outcrop	DAC ATF	Red-pink aphanitic, laminated intermediate tuff. 3% 0.1-3cm wide quartz-carbonate-epidote-trace malachite veinlets
CML-17-006	L017057	356801	5915293	1058	Outcrop	AND LVFL	Homogenous 50% 2-5mm wide plagioclase phenocrysts in purple aphanitic groundmass. Occasional quartz-epidote-malachite veinlets. Subcrop of larger veins
CML-17-007	L017058	356914	5915380	1059	Outcrop	QFLV	Medium-grey siliceous rock, 5-10% mm wide quartz eyes. 5% mm scale euhedral plagioclase. 5% mm scale hornblende. Weathers chalky white. Local FeOx on joints
CML-17-008	L017059	359016	5915402	1149	Outcrop	AND PYBX	Polylithic lapilli-bomb VC rock. 50% up to 50cm wide subround-subangular clasts floating in red-brown plagioclase phyric groundmass. Clasts are plagioclase crowded andesite>>laminated grey rhyolite, aphanitic weakly plagioclase phyric RHY.
CML-17-009	L017060	359109	5915341	1120	Outcrop	BAS LVFL	Aphanitic drk gry-black bx'd basalt. Clast supported, angular frags, BAS matrix, locally Ct matrix.
CML-17-010	L017061	359000	5915252	1119	Outcrop	RHY LVFL	Aphanitic md-light gry siliceous rock. Locally flow banded. Frequent orange and red FeOx staining JTs. Local weak qtz+FeOx vnl boxworks- sampled.
CML-17-011	L017062	359000	5915252	1120	Outcrop	RHY LVFL	Aphanitic md-light gry siliceous rock. Locally flow banded. Strong FeOx staining - sampled.
CML-17-012	L017064	359058	5915421	1160	Outcrop	AND PYBX	50-65% subang-subrnd PL un sorted 5-50cm wide lapilli floating in ashy plag phyric matrix. Clasts are purple plag phyric AND>>aphanitc AND>green BAS>red RHY
CML-17-013	L017065	359058	5915421	1160	Outcrop	AND PYBX	50-65% subang-subrnd PL un sorted 5-50cm wide lapilli floating in ashy plag phyric matrix. Clasts are purple plag phyric AND>>aphanitc AND>green BAS>red RHY
CML-17-014	L017066	359203	5915915	1195	Outcrop	AND LVFL	Massive AND. 25% 1-3mm wide boxy plag and 5% <1mm wide typically red hem stained ?BIO.
CML-17-015	L017067	359317	5916057	1205	Outcrop	AND LVFL	Massive AND. 25% 1-3mm wide boxy plag and 5% <1mm wide typically red hem stained ?BIO. Weak liesengang banding.
CML-17-016	L017068	359523	5916196	1233	Outcrop	AND LVFL	Aphanitc AND. Lichen coated and fractured with frequent FeOx coating JTs, locally bleeding into g'mass. Drk grnish hue.
CML-17-017	L017069	359893	5916291	1220	Outcrop	AND PYBX	PL lapilli VC. 70% 3-40cm wide ang-subrnd lapilli in grn-reddish purple plag phyric matrix. Clasts are dominatantly plag phyric AND.
CML-17-018	L017070	360104	5916091	1231	Outcrop	AND PYBX	40-50% 5-50cm wide ang-subrnd lapilli floating in reddish weathering plag phyric matrix.
CML-17-019	L017071	359891	5915858	1153	Outcrop	AND INT	40-70% 2-5mm wide sub-anhedral plag and 5% mm scale red hem stained BIO in drk gry g'mass. Local 1-5cm wide qtz-Epi-Chl vns with aphanitic selvs.

CML-17-020	L017072	359950	5915800	1134	Outcrop	AND INT	50% 1-3mm wide sub-anhedral plag and 5% mm scale red hem stained BIO in drk gry g'mass. Local 1-5cm wide qtz-Epi-Chl vns with aphanitic selvs.
CML-17-021	L017073	361237	5916526	1090	Outcrop	AND PYBX	Much finer frags than typical. 30-40% 0.5-4cm wide ang-subrnd frags floating in drk grn-gry g'mass. Limonitic JTs
CML-17-022	L017074	362264	5916779	1069	Outcrop	AND LVFL	Largely aphanitic, <5% mm scale plag visible on weathered surface. Drk grn-gry AND.
CML-17-023	L017075	362193	5916641	1074	Outcrop	AND PYBX	60-70% ang-subang 0.5-20cm wide frags of plag phyric AND/BAS in matrix of similar plg phric material. Matrix supported.
CML-17-024	L017076	362867	5915745	1124	Outcrop	RHY LVFL	~5% 1-2mm wide plag. 2-4% mm scale qtz eyes. Cm scale locally comnvoluted but typically planar flow bands. Chalky white weathering. FeOx on all JTs
CML-17-025	L017077	363848	5915582	1119	Outcrop	RHY LVFL	~5% 1-2mm wide plag. 2-4% mm scale qtz eyes. Cm scale locally comnvoluted but typically planar flow bands. Chalky white weathering. FeOx on all JTs. Local lapilli.
CML-17-026	L017078	362996	5915540	1103	Outcrop	RHY LVFL	~5% 1-2mm wide plag. 2-4% mm scale qtz eyes. Cm scale locally comnvoluted but typically planar flow bands. Chalky white weathering. FeOx on all JTs. Local lapilli.
CML-17-027	L017079	362732	5915400	1166	Outcrop	RHY LVFL	~5% 1-2mm wide plag. 2-4% mm scale qtz eyes. Cm scale locally comnvoluted but typically planar flow bands. Chalky white weathering. FeOx on all JTs
CML-17-028	L017080	362537	5915340	1197	Outcrop	RHY LVFL	~5% 1-2mm wide plag. 2-4% mm scale qtz eyes. Cm scale locally comnvoluted but typically planar flow bands. Chalky white weathering. FeOx on all JTs
CML-17-029	L017081	362036	5915378	1199	Outcrop	DAC ATF	Completely aphanitic, light bluish weathering but drk-medium gry fresh. Minor colloform qtz vnls. FeOx on JTs
CML-17-030	L017082	361899	5915276	1211	Outcrop	DAC ATF	Completely aphanitic, locally appears flow banded. light bluish weathering but drk-medium gry fresh.Frequent irregular fine qtz vnls. FeOx on JTs
CML-17-031	L017084	361959	5915434	1204	Outcrop	RHY LVFL	~5% 1-2mm wide plag. 2-4% mm scale qtz eyes. Cm scale locally comnvoluted but typically planar flow bands. Chalky white weathering. FeOx on all JTs
CML-17-032	L017083	361767	5915427	1195	Outcrop	RHY LVFL	~5% 1-2mm wide plag. 2-4% mm scale qtz eyes. Cm scale locally comnvoluted but typically planar flow bands. Chalky white weathering. FeOx on all JTs
CML-17-033	L017085	361656	5915481	1219	Outcrop	AND LVFL	30% 1-2mm wide euhedral plag in md-drk gry, red weathering g'mass. ~20% of O/C is a PL VC.
CML-17-034	L017086	362435	5915680	1142	Outcrop	AND PYBX	30-40% 0.5-4cm wide angular AND-DAC frags in md gry aphanitic ashy matrix. No sorting. FeOx on Jts
CML-17-035	L017088	362682	5914809	1223	Outcrop	RHY LVFL	~5% 1-2mm wide plag. 2-4% mm scale qtz eyes. Cm scale locally comnvoluted but typically planar flow bands. Chalky white weathering. FeOx on all JTs
CML-17-036	L017089	362790	5914547	1256	Outcrop	RHY LVFL	~5% 1-2mm wide plag. 2-4% mm scale qtz eyes. Cm scale locally comnvoluted but typically planar flow bands. Chalky white weathering. FeOx on all JTs
CML-17-037	L017090	362803	5914373	1260	Outcrop	RHY LVFL	~5% 1-2mm wide plag. 2-4% mm scale qtz eyes. Cm scale locally comnvoluted but typically planar flow bands. Chalky white weathering. FeOx on all JTs
CML-17-038	L017091	363351	5913881	1202	Outcrop	DIO INT	Equigranular 50% 1-3mm wide sub-euhedral grnish plag, 30% subhedral 1-2mm wide OLI, 15% h'blende. Overal grnish hue.
CML-17-039	L017092	363440	5914134	1173	Outcrop	DIO INT	Equigranular 60% 1-3mm wide sub-euhedral grnish plag, 20% subhedral 1-2mm wide OLI, 15% h'blende. Overal grnish hue.
CML-17-040	L017093	363470	5914273	1153	Outcrop	DIO INT	Equigranular 50% 1-3mm wide sub-euhedral grnish plag, 30% subhedral 1-2mm wide OLI, 15% h'blende. Overal grnish hue.
CML-17-041	L017094	363272	5915755	1045	Outcrop	RHY LVFL	~5% 1-2mm wide plag. 2-4% mm scale qtz eyes. Cm scale locally comnvoluted but typically planar flow bands. Chalky white weathering. FeOx on all JTs
CML-17-042	L017095	362243	5915894	1034	Outcrop	RHY LVFL	~5% 1-2mm wide plag. 2-4% mm scale qtz eyes. Cm scale locally comnvoluted but typically planar flow bands. Chalky white weathering. FeOx on all JTs
CML-17-043	L017096	363927	5918395	937	Outcrop	VN	0.5cm mosaic quartz vn (eneschelon); 1.0-5.0% py (partially oxid'd) and boxworks
CML-17-044	L017097	363924	5918398	937	Outcrop	AND LVFL	Country rock adjacent to CML-17-043; strongly alt'd--poss lapilli flow); strong clay/ser alt'n; 10.0% goeth/lim after py (3.0-5.0% boxworks); 1.0% bright anh py
CML-17-045	L017098	363940	5918405	940	Outcrop	DAC ATF	Base of trench; thoroughly bleached poss dac (fine grn'd wk qtz); Intense cly alt'n text destructive; 5.0% boxworks; 5.0% fx-coating goe>hem>jar (Deveron sample 164822)
CML-17-046	L017099	363923	5918449	943	Outcrop	DAC ATF	Additional trench north of previous; station along strike (~345/165) with previous); decreased text destruction from previous;; hem>goe omn fx; 1.0-5.0% diss'd py; wk qtz vning; note: orientations uncertain due to dozer activity/displacement; Parlane sample E5151583
CML-17-047	L017100	363931	5918423	944	Outcrop	AND LVFL	sample taken of bleached shear between CML-17-045 and CML-17-046; country rock: coarse xtline AND--~20.0% plag alt'd to clay; Shear: bleached--text destroyed; strong argyllic alt'n-- 5.0% boxworks w/ <1.0% py internal
CML-17-048	L016701	363909	5918337	938	Outcrop	MUD SED	1-10cm scale bedded mudstone, drk gry/blck. Sample is bleached qtz-carb bx, galena-py-CP
CML-17-049	L016702	363908	5918353	938	Outcrop	MUD SED	Heavily oxidized and qtz vn'd, locally bleached mudstone, 1-2%py.
CML-17-050	L016703	363911	5918358	940	Outcrop	MUD SED	Intensely fractured and oxidized, numerous 1-5cm wide qtz-carb vns in boulder subcrop.
CML-17-051	L016704	363888	5918485	938	Outcrop	CGL SED	Sample of two very fissile FeOx vns.
CML-17-052	L016707	363995	5918400	943	Outcrop	CGL SED	70-80% 0.5-7cm wide angular to rounded, poorly sorted PL fragments. Trace disseminated py. Subcrop of ashy tuff/sed and various CGL close by.
CML-17-053	L016706	363996	5918400	943	Outcrop	CGL SED	FeOx and open space filling toothy qtz vein sample.
CML-17-054	L016708	363946	5918490	955	Outcrop	CGL SED	80% lapilli size frags in Ct matrix. Bimodal frag distribution. ~30% 1-5cm rnd-subrnd PL floating in partially clast supported matrix of 0.2-0.6cm wide subang-subrnd frags.
CML-17-055	L016709	363681	5918628	943	Outcrop	BAS INT	Massive, ~20% evenly distriubuted <mm scale drk grn-blck sub-anhedral mafics ?BIO in green g'mass.
CML-17-056	L016710	363377	5918636	952	Outcrop	AND PYBX	20% 0.5-2cm wide ang-subrnd aphanitic mafic frags in grn, locally xtal rich g'mass, xtals are mafic>>plag. Weakly magnetic.

CML-17-057	L016711	363240	5918760	963	Outcrop	AND PYBX	20% 0.5-2cm wide ang-subrnd aphanitic mafic frags in grn, locally xtal rich g'mass, xtals are mafic>>plag. Weakly magnetic. A few qtz-carb vnls.
CML-17-058	L016712	363638	5918639	929	Subcrop	DAC ATF	FeOx washed plag>>mafic xtal tuff. Common in subcrop and float throughout area.
CML-17-059	L016713	363919	5918379	941	Outcrop	MUD SED	High grade of 5cm wide polymetallic vn
CML-17-060	L016714	363920	5918379	941	Outcrop	MUD SED	Sample of bleached and hard/brittle H'felsd and altered MUD SED from selv of polymetallic vn.
CML-17-061	L016715	363919	5918381	941	Outcrop	MUD SED	Sample of 5cm wide banded and kind of colloform qtz-py-black sulphide vn
CML-17-062	L016716	363887	5918527	940	Outcrop	CGL SED	10-30% 0.5-1.5cm wide subrnd-subang PL frags in ashy/MUD SED matrix. Frequent (1/m) locally filling sinistral jogs. Sample is FeOx vn with bleached selv
CML-17-063	L016718	363234	5919114	948	Outcrop	BAS LVFL	~20% mm scale subhedral pyx phenos in fine locally ?olivine phyric g'mass. Very occasional (<1%/vol) cm scale frags and perfectly round 2-5mm wide ??vesicles. Local ?flow banding.
CML-17-064	L016719	363261	5918962	941	Outcrop	BAS LVFL	~20% mm scale subhedral pyx phenos in fine locally ?olivine phyric g'mass. Very occasional (<1%/vol) cm scale frags and perfectly round 2-5mm wide ??vesicles. Local ?flow banding.
CML-17-065	L016720	363350	5918956	950	Outcrop	DAC ATF	~5% spindly plag xtals, 1% stubby h'blende xtals + xtal frags, medium-light grey ashy matrix. Red FeOx on JTs and locally after mafics.
CML-17-066	L016721	363352	5918955	946	Subcrop	DAC ATF	OBSALT. Completely aphanitic SIL-SER altered rock. Light grey. Orange limonitic FeOx on JTs
CML-17-067	L016722	363854	5919120	912	Outcrop	DAC ATF	Small fissile O/C on side hill. ~5% up to 6mm long narrow euhedral plag, lesser h'blende and plag xtal frags in ashy intermediate md gry matrix.
CML-17-068	L016723	364403	5918992	1008	Outcrop	DIO INT	40% 3-6mm subhedral plag, 10% platy black squares ?BIO, 10% h'blende, leucocratic g'mass. 5% subrnded 2-8cm wide mafic xenoliths
CML-17-069	L016724	363918	5918872	925	Outcrop	CGL SED	PL, clast supported, 85% ang-subrnd 0.5-5cm wide PL frags. No sorting, just a jumbled mass with matrix of finer grnish ashy material. Matrix frequently weathers to white?DOL
CML-17-070	L016725	363676	5919044	930	Outcrop	BAS LVFL	~20-25% mm scale black pyx phenos in fine xtaline green g'mass
CML-17-071	L016726	363697	5918931	923	Outcrop	BAS LVFL	~20-25% mm scale black pyx phenos in fine xtaline green g'mass. Widespread FeOx. Occasional banded/colloform qtz-carb vns
CML-17-072	L016727	363697	5918931	924	Outcrop	BAS LVFL	Vein grab of dark feintly purplish black metallic vein, some sort of ghoetite? + ?galena
CML-17-073	L016728	363538	5918954	923	Outcrop	MUD SED	Siltstone with CGL interbeds. Fine grained silty sst, bedded, red weathering. CGL interbeds 5-10cm thick, 50% ang-subrnd frags and matrix supported. Minro qtz vnls.
CML-17-074	L016729	365703	5919511	983	Outcrop	AND PYBX	30% 1-6cm wide subang-rnd PL frags in plag phyric purple-gry g'mass. Clasts are plag phyric AND>>small red RHY - all frags are volcanic.
CML-17-075	L016730	365691	5919308	970	Outcrop	AND LVFL	Purple-red plag phyric AND LVFL with lesser lapilli - same rock as CML-17-74 but much fewer lapilli.
CML-17-076	L016731	365950	5919231	957	Outcrop	AND LVFL	Purple-red plag phyric AND LVFL with lesser lapilli - same rock as CML-17-74 but much fewer lapilli.
CML-17-077	L016732	365795	5919788	948	Outcrop	AND LVFL	Purple-red plag phyric AND LVFL with lesser lapilli - same rock as CML-17-74 but much fewer lapilli. Occasional white qtz-carb vnls
CML-17-078	L016733	365489	5919983	972	Outcrop	AND PYBX	50-60% lapilli-bomb (up to 1m wide) PL frags in brwn weathering plag phyric AND g'mass.
CML-17-079	L016734	365744	5920060	953	Outcrop	AND PYBX	50-60% lapilli-bomb (up to 1m wide) PL frags in brwn weathering plag phyric AND g'mass.
CML-17-080	L016735	365452	5920323	969	Outcrop	AND PYBX	50-60% lapilli-bomb (up to 1m wide) PL frags in brwn weathering plag phyric AND g'mass.
CML-17-081	L016736	365460	5920450	955	Outcrop	AND LVFL	Massive light red weathering rock, drk gry - black on fresh surface. ~15% mm scale plag phenos. Moderately magnetic. Could be a dyke.
CML-17-082	L016737	358832	5917504	968	Outcrop	AND LVFL	Massive buff brwn weathering , drk grn-gry on fresh surface, aphanitic, ~1% <mm scale mafic phenos. In weathered surface 2-4% mm scale laths of plag and ?hblende
CML-17-083	L016738	358319	5916614	1023	Outcrop	BAS LVFL	Aphanitic purple-red hematite stained to black BAS. Vesicular. Extremley contorted flowbanding and flow top bx's. local EPI after plag. Contorted qtz vnls, CHL alonf some flow bands. Trace py in qtz vein + FeOx for sample.
CML-17-084	L016739	359223	5917507	984	Outcrop	AND LVFL	Massive brwn weathering ~50% 1-3mm wide subhedral plag in drk gry -black matrix. Could be dyke
CML-17-085	L016741	367823	5914559	1013	Outcrop	SST SED	Sandy fossiliferous sandy CGL. ~5% 1-2cm wide bivalves, 5% 2-15mm wide rouned clasts, medium sand matrix.
CML-17-086	L016742	366871	5914715	1022	Outcrop	MUD SED	Drk gry-black very fine siltstone. 2% bivalves, 2% SST frags
CML-17-087	L016743	366675	5914573	1013	Outcrop	MUD SED	Drk gry-black very fine siltstone. 5% bivalves, 2% SST frags
CML-17-088	L016744	367814	5916081	964	Outcrop	MUD SED	Drk gry-black very fine siltstone. 5% bivalves, 2% SST frags
CML-17-089	L016745	367846	5916140	973	Outcrop	MUD SED	Massive siltstone/wackestone. Drk bluish gry 1-2% bivalves, 2-4% Fe concretions
CML-17-090	L016746	364660	5914948	1026	Outcrop	CGL SED	Well sorted, 95% rounded clasts, all 0.5-1.5cm wide. Chert pebbles are common. Poor quality of O/C but very persistent float and subcrop. Rock weathers such that won't form good O/C.
CML-17-091	L016748	358071	5915449	1072	Outcrop	DAC LVFL	Massive to feintly banded aphanitc, locally 2% grnish plag phenos in siliceous, red hem stained g'mass. Same rock as CML-17-001 but darker red
CML-17-092	L016749	358070	5915450	1073	Outcrop	DAC LVFL	Bx'd and Ct vnl'd version of CML-17-091

CML-17-093	L016750	357219	5915002	1160	Outcrop	DAC LVFL	High grade of 3cm wide qtz-epi open space vn. Aphanitic, locally finely laminated red-pink weathering rock. Occasional bomb size AND clasts. 2-5% mm wide carb vnls.
CML-17-094	L016951	356686	5915204	1059	Outcrop	AND LVFL	Homogenous 50% 2-5mm wide plag phenos in purple aphanitic g'mass. Occasional qtz-epi-malachite vnls. Sample of 1-3cm wide qtz-CHL-?Mal vn - possibly slightly out of place.
CML-17-095	L016952	356263	5915341	1046	Outcrop	DAC ATF	Red-pink aphantic, laminated intermediate tuff. 3% 0.1-3cm wide qtz-carb-epi-trace malachite vnls. Sample of wall rock to sample #L017055
CML-17-096	L016953	356278	5915384	1047	Outcrop	DAC ATF	High grade sample of pinch and swell 0.5-5cm wide qtz-epi-chl-mal-FeOx vn.
CML-17-097	L016954	359277	5915383	1047	Outcrop	AND LVFL	~1% fine red hem stained phenos in drk gry-grn aphantic g'mass. Very hard.
CML-17-098	L016955	363920	5918609	936	Outcrop	CGL SED	75% 0.5-1.5cm wide ang-subrnd PL clasts in medium gry sst matrix. Matrix often gone to CT
CML-17-099	L016956	363939	5917927	965	Subcrop	DAC ATF	35% mm scale FeOx altered mafics in silicsous g'mass ?silicified. FeOx on JT's and mafics. ??large erratic boulder.
CML-17-100	L016957	359323	5915312	1114	Outcrop	AND PYBX	50% PL ang-subrnd frags in plag phyric AND matrix. Frags are plg phyric AND>>RHY>aphanitc AND. Local CHL alt.
CML-17-101	L016958	363159	5916220	985	Outcrop	RHY LVFL	~5% 1-2mm wide plag. 2-4% mm scale qtz eyes. Cm scale locally comnvoluted but typically planar flow bands. Chalky white weathering. FeOx on all JTs and flowbands.

Quality Analysis ... *Innovative Technologies*

Date Submitted: 14-Jun-17
Invoice No.: A17-06002 (i)
Invoice Date: 21-Jun-17
Your Reference: NGD_BW_Reginal_Exp

New Gold Inc.
1800-Two Bentall Centre
555 Burrard Street, Box 212
Vancouver BC V7X 1M9
Canada

ATTN: John Bligh

CERTIFICATE OF ANALYSIS

45 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-ICP Kamloops (g/mt) Au-Fire Assay ICPOES

Code 1F2 Kamloops Total Digestion ICP(TOTAL)

Code Sieve Report-Kamloops Internal Sieve Report Internal

Code Weight Report-Kamloops (Rcv'd Dried) Received(kg) & Dried (kg) weights

REPORT **A17-06002 (i)**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	g/mt	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	0.002	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
L017051	< 0.002	< 0.3	6.93	8	> 1000	< 1	< 2	3.42	0.4	15	62	32	4.25	14	< 1	1.06	1.54	16	840	3	2.69	37	0.065
L017052	< 0.002	0.4	9.10	27	> 1000	1	< 2	2.32	0.8	22	18	32	7.93	19	3	2.68	2.11	34	1310	< 1	4.38	< 1	0.145
L017053	< 0.002	< 0.3	7.18	3	> 1000	3	< 2	0.55	< 0.3	1	19	6	1.22	16	< 1	3.51	0.12	11	633	6	2.66	2	0.025
L017054	< 0.002	< 0.3	8.40	< 3	869	< 1	< 2	3.73	0.3	35	5	82	9.93	15	< 1	1.62	2.76	34	2370	1	4.17	12	0.109
L017055	< 0.002	< 0.3	8.16	< 3	> 1000	< 1	< 2	5.72	0.6	35	11	210	9.80	18	4	1.70	2.67	32	1680	< 1	3.04	10	0.103
L017056	0.002	9.0	6.95	24	19	< 1	< 2	15.5	0.5	9	11	> 10000	9.43	37	7	< 0.01	0.61	6	1830	< 1	0.08	3	0.057
L017057	< 0.002	< 0.3	8.27	98	34	1	< 2	16.1	< 0.3	16	11	126	5.72	33	2	0.01	0.71	22	1440	< 1	1.45	9	0.056
L017058	0.005	< 0.3	7.49	4	> 1000	3	< 2	0.13	< 0.3	< 1	11	35	1.25	17	< 1	3.24	0.10	14	177	3	2.28	2	0.025
L017059	< 0.002	0.6	6.99	5	> 1000	1	< 2	1.86	< 0.3	9	10	6	5.23	13	< 1	0.99	0.83	13	1160	2	5.13	2	0.176
L017060	< 0.002	0.5	7.53	4	387	< 1	< 2	1.24	0.6	21	6	58	9.38	15	7	0.25	3.46	39	1630	2	4.38	3	0.175
L017061	< 0.002	0.5	5.42	230	> 1000	1	< 2	0.71	0.4	4	27	11	4.32	12	< 1	0.94	0.73	16	904	4	2.17	2	0.086
L017062	< 0.002	0.8	6.23	417	> 1000	1	< 2	0.72	< 0.3	3	10	7	4.13	18	< 1	1.26	0.17	6	251	10	4.25	2	0.120
L017063	1.95	8.8	7.45	< 3	> 1000	2	< 2	5.20	< 0.3	27	47	50	8.10	23	< 1	2.29	2.14	12	1210	6	2.60	35	0.113
L017064	< 0.002	0.5	8.68	121	> 1000	1	3	1.81	0.4	13	8	47	6.42	17	< 1	0.86	1.23	23	1330	1	5.33	2	0.181
L017065	< 0.002	0.5	8.06	< 3	> 1000	1	3	2.48	0.4	10	9	36	5.87	18	< 1	0.97	2.58	33	1440	< 1	3.47	2	0.168
L017066	< 0.002	< 0.3	9.63	< 3	> 1000	< 1	< 2	4.85	< 0.3	24	7	49	7.54	20	2	2.32	2.74	36	1430	1	2.58	7	0.134
L017067	< 0.002	< 0.3	9.86	< 3	> 1000	< 1	< 2	4.82	0.4	25	11	38	7.66	19	3	2.16	2.18	38	1390	2	3.07	10	0.131
L017068	< 0.002	0.7	5.92	21	> 1000	< 1	< 2	1.76	0.4	12	14	192	6.14	11	2	1.05	1.65	30	1070	1	2.47	4	0.118
L017069	< 0.002	0.5	7.99	< 3	239	< 1	< 2	0.69	< 0.3	15	13	141	7.87	19	< 1	0.08	4.07	39	1220	< 1	3.68	1	0.177
L017070	< 0.002	< 0.3	8.88	< 3	> 1000	< 1	3	2.74	< 0.3	25	32	33	7.01	16	4	1.70	3.81	39	1290	< 1	3.34	17	0.093
L017071	< 0.002	< 0.3	10.7	< 3	> 1000	< 1	< 2	7.77	0.4	26	16	129	7.64	19	6	1.01	2.84	44	1390	< 1	2.43	17	0.091
L017072	< 0.002	< 0.3	10.1	5	> 1000	< 1	< 2	6.72	< 0.3	26	24	67	8.08	19	5	0.83	2.29	23	1250	1	3.21	20	0.113
L017073	0.015	0.3	9.06	< 3	> 1000	1	< 2	0.92	< 0.3	14	10	20	6.48	18	1	1.33	1.53	20	1380	< 1	4.31	3	0.145
L017074	< 0.002	< 0.3	8.88	< 3	> 1000	< 1	< 2	4.79	< 0.3	19	10	34	7.43	19	4	1.46	1.68	23	1350	3	3.45	4	0.128
L017075	< 0.002	< 0.3	8.68	< 3	292	< 1	< 2	0.96	0.4	20	4	10	8.45	16	8	0.11	2.98	35	977	< 1	5.21	4	0.133
L017076	< 0.002	< 0.3	6.43	6	783	< 1	< 2	0.02	< 0.3	< 1	6	26	0.71	11	< 1	4.05	0.08	14	48	1	0.08	< 1	0.010
L017077	< 0.002	< 0.3	6.01	10	> 1000	1	< 2	0.02	< 0.3	< 1	9	5	0.74	10	< 1	3.88	0.07	11	51	2	0.09	2	0.011
L017078	< 0.002	< 0.3	6.04	9	291	< 1	< 2	0.03	< 0.3	< 1	8	7	0.86	10	< 1	2.68	0.09	13	48	1	0.04	2	0.012
L017079	< 0.002	< 0.3	6.14	5	> 1000	< 1	< 2	0.03	< 0.3	< 1	10	3	0.49	10	< 1	4.51	0.07	8	52	2	0.08	2	0.011
L017080	< 0.002	< 0.3	7.20	20	> 1000	1	< 2	0.03	< 0.3	< 1	7	37	0.96	12	< 1	4.11	0.08	8	73	1	0.88	2	0.013
L017081	< 0.002	0.4	8.72	< 3	> 1000	1	< 2	3.72	0.4	15	7	10	6.58	18	< 1	1.16	1.61	32	1410	2	3.52	2	0.252
L017082	< 0.002	< 0.3	8.64	7	> 1000	< 1	< 2	5.42	0.5	20	21	19	8.10	19	4	1.13	2.08	18	1590	1	2.99	2	0.143
L017083	< 0.002	< 0.3	7.22	8	220	3	< 2	0.06	< 0.3	< 1	23	6	1.03	19	< 1	3.34	0.05	12	989	2	3.04	3	0.008
L017084	< 0.002	< 0.3	7.95	< 3	> 1000	1	< 2	3.63	0.4	17	6	34	6.52	18	1	1.36	1.83	26	1450	< 1	2.37	1	0.136
L017085	< 0.002	< 0.3	6.47	38	316	1	< 2	0.17	< 0.3	6	15	37	3.25	12	< 1	2.07	0.11	29	808	3	1.53	3	0.065
L017086	0.009	< 0.3	6.26	39	311	1	< 2	0.17	< 0.3	6	14	36	3.16	12	< 1	2.06	0.11	28	796	3	1.50	3	0.063
L017087	1.90	8.7	7.54	< 3	> 1000	2	< 2	5.17	< 0.3	27	51	72	8.06	22	3	2.28	2.12	12	1170	3	2.58	35	0.102
L017088	< 0.002	< 0.3	6.37	14	> 1000	< 1	< 2	0.03	< 0.3	< 1	7	68	0.95	11	< 1	4.64	0.08	18	51	1	0.10	1	0.015
L017089	< 0.002	< 0.3	6.33	30	776	< 1	< 2	0.02	< 0.3	< 1	8	5	1.04	12	< 1	5.00	0.08	12	51	2	0.07	2	0.011
L017090	< 0.002	< 0.3	7.34	21	> 1000	1	< 2	0.06	< 0.3	< 1	14	6	1.32	13	< 1	6.27	0.06	12	142	2	0.33	2	0.013
L017091	< 0.002	< 0.3	8.77	< 3	274	< 1	< 2	6.64	< 0.3	31	81	35	8.22	17	< 1	0.39	4.00	15	1510	1	3.44	63	0.137
L017092	< 0.002	< 0.3	9.06	< 3	> 1000	1	< 2	5.00	0.3	29	75	85	7.70	18	< 1	2.06	3.45	17	1700	< 1	3.33	56	0.176

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	g/mt	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	0.002	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
L017093	< 0.002	< 0.3	8.46	< 3	686	< 1	< 2	8.05	0.4	32	92	36	7.52	16	4	0.89	3.99	15	1600	1	2.65	70	0.141
L017094	< 0.002	< 0.3	8.28	< 3	> 1000	1	< 2	0.10	< 0.3	1	12	26	1.08	14	< 1	5.44	0.10	8	159	2	1.66	2	0.014
L017095	< 0.002	< 0.3	6.74	62	554	1	< 2	0.06	< 0.3	< 1	7	6	1.04	12	< 1	4.16	0.10	17	90	2	0.07	2	0.014

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Cu
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	4Acid ICPOES
L017051	11	< 5	0.05	18	345	5	0.37	< 5	< 10	129	27	18	60	61	
L017052	11	< 5	< 0.01	24	635	9	0.41	< 5	< 10	139	9	31	106	102	
L017053	< 3	< 5	< 0.01	< 4	161	7	0.15	< 5	< 10	14	< 5	12	36	62	
L017054	< 3	< 5	< 0.01	33	837	< 2	0.67	< 5	< 10	397	< 5	24	127	85	
L017055	< 3	< 5	< 0.01	33	723	4	0.65	< 5	< 10	401	5	24	96	84	
L017056	6	< 5	< 0.01	13	3170	< 2	0.33	< 5	< 10	437	< 5	9	18	35	2.79
L017057	< 3	< 5	< 0.01	16	420	< 2	0.37	< 5	< 10	277	< 5	12	46	35	
L017058	< 3	< 5	< 0.01	< 4	136	2	0.15	< 5	< 10	17	< 5	10	29	60	
L017059	< 3	5	0.01	15	311	< 2	0.64	< 5	< 10	85	< 5	36	90	238	
L017060	5	< 5	< 0.01	25	250	6	0.70	< 5	< 10	217	< 5	40	107	168	
L017061	28	33	0.06	12	288	< 2	0.37	< 5	< 10	45	< 5	35	59	169	
L017062	9	45	0.21	14	271	< 2	0.53	10	< 10	51	< 5	23	41	245	
L017063	17	< 5	0.09	24	314	6	0.68	< 5	< 10	206	< 5	44	101	160	
L017064	< 3	9	0.02	22	311	7	0.55	< 5	< 10	92	< 5	50	106	208	
L017065	5	< 5	0.01	18	311	7	0.48	< 5	< 10	45	< 5	52	108	215	
L017066	10	< 5	< 0.01	23	405	5	0.56	< 5	< 10	274	< 5	22	90	104	
L017067	< 3	< 5	< 0.01	23	503	12	0.57	< 5	< 10	263	< 5	23	83	101	
L017068	8	< 5	0.12	15	133	3	0.20	< 5	< 10	58	< 5	25	66	17	
L017069	< 3	< 5	< 0.01	23	115	6	0.71	< 5	< 10	88	6	51	123	193	
L017070	< 3	< 5	< 0.01	28	356	4	0.50	< 5	< 10	210	< 5	22	78	89	
L017071	< 3	< 5	< 0.01	24	580	5	0.59	< 5	< 10	288	< 5	16	72	62	
L017072	< 3	< 5	< 0.01	29	577	8	0.65	< 5	< 10	308	15	22	77	79	
L017073	4	< 5	< 0.01	24	346	9	0.43	< 5	< 10	89	< 5	36	113	140	
L017074	18	< 5	< 0.01	24	508	5	0.36	< 5	< 10	119	< 5	26	102	95	
L017075	9	< 5	< 0.01	24	299	3	0.28	< 5	< 10	116	< 5	28	101	73	
L017076	8	< 5	0.02	< 4	33	< 2	0.11	< 5	< 10	9	< 5	9	21	81	
L017077	7	7	0.01	< 4	40	< 2	0.10	< 5	< 10	8	< 5	9	40	76	
L017078	< 3	7	< 0.01	< 4	79	2	0.10	< 5	< 10	6	< 5	9	70	74	
L017079	5	6	0.01	< 4	61	< 2	0.11	< 5	< 10	9	< 5	10	16	80	
L017080	< 3	< 5	0.01	< 4	45	< 2	0.12	< 5	< 10	11	< 5	13	18	93	
L017081	3	< 5	0.02	19	387	5	0.66	< 5	< 10	127	< 5	39	101	203	
L017082	< 3	< 5	< 0.01	27	505	< 2	0.54	< 5	< 10	181	< 5	34	102	121	
L017083	5	< 5	< 0.01	< 4	63	3	0.05	< 5	< 10	2	< 5	15	40	54	
L017084	3	< 5	0.07	24	399	8	0.29	< 5	< 10	133	< 5	32	101	91	
L017085	5	< 5	< 0.01	10	90	< 2	0.23	< 5	< 10	20	< 5	24	70	77	
L017086	5	< 5	< 0.01	10	88	< 2	0.22	< 5	< 10	19	< 5	24	69	71	
L017087	18	< 5	0.09	24	316	8	0.35	< 5	< 10	137	< 5	44	100	97	
L017088	6	5	0.03	< 4	33	< 2	0.12	< 5	< 10	10	< 5	10	18	83	
L017089	12	< 5	0.02	< 4	17	< 2	0.12	< 5	< 10	11	< 5	11	40	90	
L017090	4	< 5	< 0.01	< 4	49	< 2	0.13	< 5	< 10	11	< 5	11	42	106	
L017091	< 3	< 5	< 0.01	33	359	5	0.55	< 5	< 10	343	< 5	16	76	52	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Cu
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	4Acid ICPOES
L017092	< 3	< 5	< 0.01	29	1010	6	0.55	< 5	< 10	277	< 5	20	92	74	
L017093	< 3	< 5	< 0.01	29	468	< 2	0.49	< 5	< 10	305	< 5	14	81	46	
L017094	7	< 5	0.03	< 4	95	< 2	0.14	< 5	< 10	12	< 5	13	31	110	
L017095	18	6	0.03	< 4	78	5	0.12	< 5	< 10	11	< 5	10	48	81	

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	g/mt	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	0.002	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-4 Meas		3.5	6.93	101	573	2	8	1.26	0.6	16	42	6930	3.59	18	< 1	4.46	1.92	13	180	330	0.60	43	0.147
GXR-4 Cert		4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120
SDC-1 Meas			8.54	< 3	> 1000	3		1.29		18	50	31	5.74	23	< 1	2.75	1.14	37	1060		1.70	39	0.062
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
GXR-6 Meas		0.4	15.5	288	> 1000	1	< 2	0.27	< 0.3	13	78	72	6.03	37	3	1.86	0.73	41	1130	2	0.13	26	0.037
GXR-6 Cert		1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350
MP-1b Meas																							
MP-1b Cert																							
DNC-1a Meas					231					56	233	108		13				5				270	
DNC-1a Cert					118					57	270	100		15				5.2				247	
CZN-4 Meas																							
CZN-4 Cert																							
SBC-1 Meas				16	> 1000	3	< 2		0.8	23	101	34		28				177		3		92	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83	
PTC-1b Meas																							
PTC-1b Cert																							
OREAS 223 (Fire Assay) Meas	1.91																						
OREAS 223 (Fire Assay) Cert	1.78																						
OREAS 223 (Fire Assay) Meas	1.83																						
OREAS 223 (Fire Assay) Cert	1.78																						
OREAS 218 (INAA) Meas	0.551																						
OREAS 218 (INAA) Cert	0.525																						
OREAS 218 (INAA) Meas	0.511																						
OREAS 218 (INAA) Cert	0.525																						
L017056 Orig	0.002																						
L017056 Dup	0.002																						
L017063 Orig		9.2	7.49	< 3	> 1000	2	< 2	5.24	< 0.3	29	48	52	8.19	22	< 1	2.28	2.17	13	1220	7	2.63	35	0.117
L017063 Dup		8.4	7.42	< 3	> 1000	2	< 2	5.17	0.4	25	46	48	8.00	23	< 1	2.30	2.11	12	1200	4	2.56	35	0.110
L017067 Orig	< 0.002																						
L017067 Dup	< 0.002																						
L017077 Orig		< 0.3	6.08	10	> 1000	1	< 2	0.02	< 0.3	< 1	10	5	0.75	10	< 1	3.78	0.07	11	56	2	0.09	2	0.011
L017077 Dup		< 0.3	5.94	11	> 1000	1	< 2	0.02	< 0.3	< 1	8	5	0.73	10	< 1	3.99	0.07	11	46	2	0.09	2	0.011
L017079 Orig	< 0.002																						
L017079 Dup	< 0.002																						
L017091 Orig	< 0.002																						

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	g/mt	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	0.002	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
L017091 Dup	< 0.002																						
Method Blank	< 0.002																						
Method Blank	< 0.002																						
Method Blank	< 0.002																						
Method Blank	< 0.002																						
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	1	2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	2	< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	2	< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank																							

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Cu
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	4Acid ICPOES
GXR-4 Meas	48	< 5	1.80	8	265	2	0.31	6	< 10	105	50	14	75	46	
GXR-4 Cert	52.0	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186	
SDC-1 Meas	22	< 5		17	217		0.28	< 5	< 10	67	5		110	41	
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00	
GXR-6 Meas	89	< 5	0.01	24	57	5		< 5	< 10	199	6	11	121	106	
GXR-6 Cert	101	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110	
MP-1b Meas															3.06
MP-1b Cert															3.07
DNC-1a Meas	5	< 5		31	155		0.30			164		15	62	35	
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0	
CZN-4 Meas															0.417
CZN-4 Cert															0.403
SBC-1 Meas	33	< 5		21	214		0.52	< 5	< 10	254	7	30	200	118	
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0	
PTC-1b Meas															7.87
PTC-1b Cert															7.97
OREAS 223 (Fire Assay) Meas															
OREAS 223 (Fire Assay) Cert															
OREAS 223 (Fire Assay) Meas															
OREAS 223 (Fire Assay) Cert															
OREAS 218 (INAA) Meas															
OREAS 218 (INAA) Cert															
OREAS 218 (INAA) Meas															
OREAS 218 (INAA) Cert															
L017056 Orig															
L017056 Dup															
L017063 Orig	15	< 5	0.09	24	316	6	0.76	< 5	< 10	233	< 5	45	102	177	
L017063 Dup	18	< 5	0.09	24	312	6	0.60	< 5	< 10	178	< 5	44	100	144	
L017067 Orig															
L017067 Dup															
L017077 Orig	6	6	0.01	< 4	40	5	0.10	< 5	< 10	8	< 5	9	53	76	
L017077 Dup	8	8	0.01	< 4	40	< 2	0.10	< 5	< 10	8	< 5	9	27	76	
L017079 Orig															
L017079 Dup															

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Cu
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	4Acid ICPOES
L017091 Orig															
L017091 Dup															
Method Blank															
Method Blank															
Method Blank															
Method Blank															
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank															< 0.001

Quality Analysis ... *Innovative Technologies*

Date Submitted: 20-Jun-17
Invoice No.: A17-06201 (i)
Invoice Date: 27-Jun-17
Your Reference: NGD_BW_Reginal_Exp

New Gold Inc.
1800-Two Bentall Centre
555 Burrard Street, Box 212
Vancouver BC V7X 1M9
Canada

ATTN: Bligh John

CERTIFICATE OF ANALYSIS

48 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-ICP Kamloops (g/mt) Au-Fire Assay ICPOES

Code 1F2 Kamloops Total Digestion ICP(TOTAL)

Code Sieve Report-Kamloops Internal Sieve Report Internal

Code Weight Report-Kamloops (Rcv'd Dried) Received(kg) & Dried (kg) weights

REPORT **A17-06201 (i)**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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
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Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	g/mt	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	0.002	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
L017096	0.038	2.8	5.53	43	363	< 1	< 2	0.13	8.5	17	20	528	7.08	12	< 1	1.94	0.46	14	1510	2	0.25	5	0.085
L017097	0.012	1.2	9.82	25	792	1	< 2	0.27	6.1	14	7	173	6.10	19	3	3.10	0.97	14	1450	2	0.74	6	0.147
L017098	0.006	2.5	7.69	6	608	2	< 2	0.04	1.8	< 1	9	50	1.56	15	< 1	2.91	0.23	5	186	2	0.07	2	0.019
L017099	0.136	1.3	7.99	2560	451	< 1	< 2	6.49	0.8	28	108	76	6.20	13	< 1	1.20	2.60	28	6360	< 1	2.01	60	0.118
L017100	0.011	0.8	7.90	54	593	2	< 2	0.11	0.4	1	9	13	1.85	14	< 1	3.08	0.30	8	762	1	0.11	3	0.025
L016701	0.089	0.5	5.20	55	446	1	< 2	4.65	11.2	11	86	61	3.23	11	< 1	2.23	1.60	24	3970	< 1	0.08	78	0.047
L016702	0.013	0.7	6.78	202	605	1	< 2	2.18	2.5	13	109	59	3.33	14	< 1	2.39	0.82	59	2510	2	0.09	99	0.054
L016703	0.010	0.5	4.82	55	300	< 1	< 2	7.17	< 0.3	9	85	32	6.25	10	2	1.49	2.81	54	5160	< 1	0.05	63	0.044
L016704	0.548	22.7	6.27	1190	397	< 1	< 2	0.31	16.3	7	117	246	14.0	13	9	2.27	0.44	6	1530	2	0.08	12	0.113
L016705	< 0.002	< 0.3	6.82	4	476	< 1	< 2	2.87	0.4	15	39	27	3.58	13	< 1	0.80	1.32	15	703	2	2.40	32	0.056
L016706	0.017	3.4	8.12	97	364	< 1	< 2	0.29	5.9	9	133	218	11.4	19	2	2.49	2.07	14	2260	< 1	0.03	30	0.155
L016707	0.003	0.9	9.19	8	668	< 1	< 2	2.89	1.5	27	106	52	5.56	17	4	1.58	3.32	12	3420	< 1	2.63	67	0.167
L016708	< 0.002	< 0.3	9.38	< 3	506	< 1	< 2	3.76	< 0.3	27	98	53	5.79	15	< 1	1.11	3.74	10	2130	< 1	2.95	72	0.161
L016709	< 0.002	< 0.3	8.84	< 3	554	< 1	< 2	5.53	< 0.3	36	72	132	7.51	15	< 1	0.74	3.82	24	1410	< 1	2.76	39	0.105
L016710	< 0.002	< 0.3	8.62	< 3	510	< 1	< 2	4.67	< 0.3	34	138	36	6.50	14	2	0.91	4.50	31	1210	< 1	2.88	91	0.117
L016711	< 0.002	< 0.3	8.75	4	311	< 1	< 2	5.12	< 0.3	36	200	57	6.62	14	3	0.76	4.13	33	1240	< 1	2.98	114	0.122
L016712	< 0.002	< 0.3	6.94	< 3	72	< 1	< 2	0.38	< 0.3	2	18	9	1.27	10	< 1	0.10	0.19	23	302	< 1	4.29	6	0.028
L016713	2.51	99.7	0.92	952	85	< 1	136	0.78	631	64	37	2150	22.8	5	1	0.29	0.49	6	3420	1	0.03	89	0.009
L016714	0.284	31.1	4.50	104	315	< 1	21	0.29	302	18	251	838	6.24	11	< 1	1.50	0.61	12	2430	2	0.05	121	0.039
L016715	0.018	1.9	0.20	11	97	< 1	4	12.0	32.3	3	40	80	2.86	< 1	< 1	0.05	6.18	10	4380	< 1	0.03	20	0.002
L016715-R1	0.020	2.0	0.18	10	96	< 1	6	12.0	31.5	4	36	77	2.82	< 1	< 1	0.04	6.17	10	4430	< 1	0.02	19	0.002
L016715-R2	0.023	2.0	0.20	11	97	< 1	< 2	12.1	32.0	3	33	84	2.82	< 1	2	0.05	6.15	10	4420	< 1	0.02	21	0.002
L016716	0.012	3.8	7.75	120	509	1	< 2	6.01	12.1	13	79	82	4.22	13	2	3.13	1.73	4	12700	1	0.07	30	0.074
L016717	1.99	8.4	7.62	< 3	958	2	< 2	4.46	< 0.3	26	45	39	6.90	22	2	1.81	1.88	12	1060	1	2.38	35	0.098
L016718	< 0.002	< 0.3	9.08	< 3	169	< 1	< 2	6.16	< 0.3	37	140	63	6.77	16	1	0.41	4.25	18	1200	< 1	2.68	102	0.120
L016719	< 0.002	< 0.3	9.00	< 3	354	< 1	< 2	4.59	< 0.3	36	132	46	6.76	15	2	0.70	4.79	30	1160	< 1	2.48	97	0.117
L016720	< 0.002	< 0.3	9.03	< 3	608	2	< 2	2.52	< 0.3	9	12	9	3.40	16	< 1	2.02	0.55	11	1220	< 1	3.06	10	0.100
L016721	< 0.002	< 0.3	8.68	< 3	600	2	< 2	2.54	< 0.3	9	15	7	3.37	17	< 1	2.02	0.54	11	1180	< 1	3.05	7	0.096
L016722	< 0.002	0.4	6.77	3	237	< 1	< 2	1.92	< 0.3	7	25	12	3.08	9	< 1	0.73	0.41	35	977	2	3.30	7	0.043
L016723	< 0.002	0.5	9.22	< 3	691	1	< 2	1.87	< 0.3	9	9	9	3.49	17	< 1	2.08	0.64	10	2020	< 1	2.57	4	0.093
L016724	< 0.002	< 0.3	9.38	< 3	529	1	< 2	2.39	< 0.3	10	11	10	3.90	15	< 1	1.76	1.07	18	1420	< 1	2.63	4	0.092
L016725	< 0.002	0.6	8.96	6	> 1000	< 1	< 2	3.98	< 0.3	26	96	54	5.63	15	< 1	1.74	3.85	19	1380	< 1	1.69	68	0.136
L016726	< 0.002	< 0.3	8.82	< 3	> 1000	< 1	< 2	4.12	< 0.3	37	81	78	7.63	15	3	0.47	3.89	42	1360	< 1	3.38	40	0.115
L016727	< 0.002	< 0.3	7.14	6	737	< 1	< 2	9.88	< 0.3	29	60	50	6.42	13	1	0.78	2.72	30	1980	< 1	1.33	32	0.085
L016728	0.018	1.7	6.08	28	172	< 1	< 2	8.62	30.0	21	67	86	6.19	7	1	0.59	2.09	16	21200	< 1	2.43	28	0.068
L016729	< 0.002	< 0.3	10.5	4	473	1	< 2	5.87	< 0.3	24	12	43	6.92	19	2	1.54	1.91	9	1530	< 1	2.31	7	0.157
L016730	< 0.002	< 0.3	10.2	3	466	1	< 2	6.01	< 0.3	22	5	40	6.56	18	4	1.14	1.79	8	1290	< 1	2.31	6	0.165
L016731	< 0.002	< 0.3	10.2	< 3	649	1	< 2	4.55	< 0.3	20	23	54	5.93	18	4	1.25	1.96	9	1190	< 1	2.64	7	0.152
L016732	< 0.002	< 0.3	9.18	< 3	262	< 1	< 2	4.91	< 0.3	23	8	30	6.06	17	2	0.78	1.99	11	1260	< 1	2.65	6	0.139
L016733	< 0.002	< 0.3	9.94	< 3	410	< 1	< 2	7.46	0.7	30	14	52	7.65	18	< 1	1.30	1.73	6	2030	< 1	1.60	12	0.125
L016734	< 0.002	< 0.3	10.1	< 3	> 1000	1	< 2	5.46	< 0.3	22	10	37	6.16	20	4	2.50	2.01	8	1520	< 1	2.12	6	0.176
L016735	< 0.002	0.6	10.6	< 3	466	1	< 2	5.90	< 0.3	23	12	44	6.17	19	6	1.34	1.52	8	1140	< 1	2.17	11	0.143

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	g/mt	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	0.002	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
L016735-R1	< 0.002	< 0.3	10.5	< 3	462	1	< 2	5.87	< 0.3	23	67	43	6.13	19	4	1.32	1.52	8	1140	< 1	2.14	12	0.140
L016735-R2	< 0.002	< 0.3	10.9	< 3	474	1	< 2	5.98	< 0.3	23	12	42	6.30	20	2	1.37	1.55	9	1160	< 1	2.19	11	0.143
L016736	< 0.002	< 0.3	9.62	< 3	504	1	< 2	5.87	< 0.3	22	13	34	6.61	18	1	1.36	2.00	6	1270	< 1	2.32	6	0.122
L016737	< 0.002	< 0.3	9.69	< 3	438	< 1	< 2	5.37	< 0.3	21	10	35	6.57	18	4	0.74	1.86	14	1320	< 1	2.66	8	0.086
L016738	< 0.002	0.5	6.23	< 3	932	2	< 2	0.78	< 0.3	1	27	5	1.62	12	< 1	2.37	0.25	5	475	2	2.26	4	0.026
L016739	< 0.002	0.3	11.5	< 3	545	< 1	< 2	6.27	< 0.3	20	57	54	5.67	18	3	0.78	2.00	30	1320	< 1	2.93	15	0.080

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
L017096	44	< 5	1.74	6	19	< 2	0.19	< 5	< 10	74	10	11	2320	74
L017097	16	< 5	0.71	9	46	2	0.32	5	< 10	123	13	17	1490	117
L017098	34	< 5	0.14	< 4	17	< 2	0.13	< 5	< 10	19	7	13	362	120
L017099	56	< 5	1.54	24	263	< 2	0.35	< 5	< 10	182	5	16	234	60
L017100	< 3	< 5	0.23	< 4	14	< 2	0.12	< 5	< 10	16	< 5	13	65	120
L016701	14	< 5	0.98	15	178	< 2	0.30	< 5	< 10	139	< 5	20	1500	89
L016702	27	< 5	1.02	18	140	< 2	0.36	< 5	< 10	169	9	21	614	110
L016703	12	< 5	3.13	12	337	< 2	0.26	< 5	< 10	114	< 5	18	130	78
L016704	492	7	0.14	21	34	4	0.33	< 5	< 10	191	26	8	4650	68
L016705	< 3	< 5	0.05	17	270	7	0.29	< 5	< 10	100	21	18	58	54
L016706	37	< 5	0.18	29	22	< 2	0.41	< 5	< 10	222	19	11	1930	73
L016707	7	< 5	0.23	29	144	< 2	0.40	< 5	< 10	209	6	17	258	71
L016708	< 3	< 5	0.07	29	290	< 2	0.41	< 5	< 10	213	< 5	19	150	71
L016709	3	< 5	< 0.01	35	637	4	0.43	< 5	< 10	268	< 5	17	76	41
L016710	< 3	< 5	< 0.01	32	598	8	0.41	< 5	< 10	200	< 5	21	66	71
L016711	< 3	< 5	< 0.01	31	511	3	0.47	< 5	< 10	218	< 5	20	69	74
L016712	< 3	< 5	< 0.01	7	153	4	0.11	< 5	< 10	17	< 5	16	43	19
L016713	413	7	> 20.0	< 4	52	124	0.04	< 5	< 10	25	44	4	> 10000	23
L016714	177	< 5	5.56	12	23	24	0.24	< 5	< 10	103	7	14	> 10000	74
L016715	18	< 5	1.53	< 4	549	< 2	0.01	< 5	< 10	6	< 5	5	4320	6
L016715-R1	18	< 5	1.53	< 4	550	4	0.01	< 5	< 10	5	< 5	5	4290	6
L016715-R2	19	< 5	1.53	< 4	548	< 2	0.01	< 5	< 10	6	6	5	4330	6
L016716	51	< 5	1.24	16	220	< 2	0.26	< 5	< 10	119	< 5	16	2200	80
L016717	19	< 5	0.09	23	254	7	0.23	< 5	< 10	85	< 5	46	95	124
L016718	< 3	< 5	< 0.01	33	607	9	0.52	< 5	< 10	250	5	22	64	70
L016719	< 3	< 5	< 0.01	31	508	6	0.40	< 5	< 10	201	< 5	20	63	66
L016720	< 3	< 5	0.05	6	405	< 2	0.20	< 5	< 10	70	< 5	21	69	83
L016721	< 3	< 5	0.05	6	406	2	0.21	< 5	< 10	69	< 5	22	65	52
L016722	< 3	< 5	0.16	14	277	< 2	0.28	< 5	< 10	65	< 5	18	69	106
L016723	< 3	< 5	0.01	6	224	5	0.24	< 5	< 10	80	< 5	17	77	121
L016724	3	< 5	< 0.01	10	379	7	0.29	< 5	< 10	100	< 5	17	89	62
L016725	< 3	< 5	0.03	28	238	< 2	0.40	< 5	< 10	205	< 5	18	71	71
L016726	3	< 5	0.01	35	911	< 2	0.48	< 5	< 10	291	< 5	18	83	46
L016727	< 3	< 5	0.04	27	377	14	0.36	< 5	< 10	214	< 5	14	55	32
L016728	226	< 5	0.19	23	359	< 2	0.32	< 5	< 10	183	9	12	4930	28
L016729	< 3	< 5	< 0.01	19	604	< 2	0.28	< 5	< 10	147	< 5	26	99	62
L016730	< 3	< 5	< 0.01	19	576	< 2	0.24	< 5	< 10	130	< 5	26	95	62
L016731	< 3	< 5	< 0.01	17	614	6	0.22	< 5	< 10	119	< 5	19	82	73
L016732	< 3	< 5	< 0.01	20	584	< 2	0.44	< 5	< 10	203	< 5	26	77	106
L016733	< 3	< 5	< 0.01	33	519	7	0.39	< 5	< 10	244	< 5	23	75	53
L016734	3	< 5	0.05	20	523	4	0.35	< 5	< 10	178	< 5	26	95	76
L016735	< 3	< 5	0.02	24	577	4	0.29	< 5	< 10	156	< 5	22	103	64

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
L016735-R1	3	< 5	0.01	24	586	3	0.29	< 5	< 10	161	< 5	22	105	60
L016735-R2	< 3	< 5	0.01	24	588	< 2	0.27	< 5	< 10	145	7	22	108	60
L016736	< 3	< 5	< 0.01	19	411	< 2	0.24	< 5	< 10	128	< 5	24	94	67
L016737	< 3	< 5	< 0.01	24	363	< 2	0.18	< 5	< 10	80	< 5	27	84	52
L016738	5	< 5	< 0.01	10	131	4	0.19	< 5	< 10	7	< 5	51	51	176
L016739	< 3	< 5	< 0.01	27	497	6	0.43	< 5	< 10	197	< 5	19	59	60

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	g/mt	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	0.002	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas		31.4	2.51	404	660	1	1380	0.87	2.5	8	18	1160	23.3	13	5	0.04	0.21	8	935	14	0.05	46	0.058
GXR-1 Cert		31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650
GXR-4 Meas		3.6	6.91	96	173	2	14	1.08	0.3	15	47	6470	3.10	17	< 1	3.70	1.69	11	142	328	0.56	42	0.132
GXR-4 Cert		4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120
SDC-1 Meas			8.55	3	630	3		1.11		19	47	31	4.91	21	< 1	2.43	0.99	34	841		1.54	39	0.056
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
GXR-6 Meas		0.6	14.7	249	> 1000	1	< 2	0.18	0.4	15	74	65	5.87	33	2	1.67	0.63	36	1110	< 1	0.11	30	0.036
GXR-6 Cert		1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350
DNC-1a Meas					92					56	189	98		13				5				255	
DNC-1a Cert					118					57	270	100		15				5.2				247	
HiSilP1 Meas	12.2																						
HiSilP1 Cert	12.05																						
HiSilP1 Meas	12.4																						
HiSilP1 Cert	12.05																						
HiSilP1 Meas	12.2																						
HiSilP1 Cert	12.05																						
SBC-1 Meas				19	718	3	< 2		0.3	25	85	33		28				167		1		92	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83	
SdAR-M2 (U.S.G.S.) Meas					915	7	< 2		5.5	15	39	234		18	< 1			17		11		56	
SdAR-M2 (U.S.G.S.) Cert					990	6.6	1.05		5.1	12.4	49.6	236.0000		17.6	1.44			18		13		49	
OxL118 Meas	5.99																						
OxL118 Cert	5.828																						
OxL118 Meas	5.92																						
OxL118 Cert	5.828																						
L016701 Orig	0.082																						
L016701 Dup	0.096																						
L016712 Orig	< 0.002																						
L016712 Dup	< 0.002																						
L016720 Orig		< 0.3	8.79	< 3	622	2	< 2	2.55	< 0.3	9	12	7	3.44	16	< 1	2.04	0.56	11	1210	< 1	3.13	11	0.098
L016720 Dup		< 0.3	9.27	< 3	595	2	< 2	2.49	< 0.3	9	11	10	3.36	15	1	2.00	0.54	11	1220	< 1	2.99	8	0.103
L016722 Orig	< 0.002																						
L016722 Dup	< 0.002																						
L016734 Orig	< 0.002																						
L016734 Dup	< 0.002																						
L016738 Orig	< 0.002																						
L016738 Dup	< 0.002																						
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001
Method Blank	< 0.002																						
Method Blank	< 0.002																						

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	g/mt	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	0.002	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Method Blank	< 0.002																						
Method Blank	< 0.002																						

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	706	31	0.24	< 4	285	10	0.03	< 5	40	87	157	32	718	31
GXR-1 Cert	730	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0
GXR-4 Meas	43	< 5	1.80	8	215	4	0.29	< 5	< 10	89	38	15	68	54
GXR-4 Cert	52.0	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186
SDC-1 Meas	19	< 5		17	173		0.17	< 5	< 10	45	< 5		101	43
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00
GXR-6 Meas	91	< 5	0.02	25	40	3		< 5	< 10	127	< 5	12	127	74
GXR-6 Cert	101	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110
DNC-1a Meas	4	< 5		31	123		0.27			140		16	61	36
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0
HiSilP1 Meas														
HiSilP1 Cert														
HiSilP1 Meas														
HiSilP1 Cert														
HiSilP1 Meas														
HiSilP1 Cert														
SBC-1 Meas	28	< 5		21	175		0.49	< 5	< 10	223	< 5	32	185	122
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SdAR-M2 (U.S.G.S.) Meas	842			5	145				< 10	25	10	32	795	119
SdAR-M2 (U.S.G.S.) Cert	808			4.1	144				2.53	25.2	2.8	32.7	760	259
OxL118 Meas														
OxL118 Cert														
OxL118 Meas														
OxL118 Cert														
L016701 Orig														
L016701 Dup														
L016712 Orig														
L016712 Dup														
L016720 Orig	7	< 5	0.05	7	411	< 2	0.19	5	< 10	69	< 5	22	74	54
L016720 Dup	< 3	< 5	0.05	6	399	< 2	0.21	< 5	< 10	70	< 5	21	64	111
L016722 Orig														
L016722 Dup														
L016734 Orig														
L016734 Dup														
L016738 Orig														
L016738 Dup														
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5
Method Blank														
Method Blank														
Method Blank														

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Method Blank														

Quality Analysis ... *Innovative Technologies*

Date Submitted: 26-Jun-17
Invoice No.: A17-06448 (i)
Invoice Date: 30-Jun-17
Your Reference: NGD_BW_Reginal_Exp

New Gold Inc.
1800-Two Bentall Centre
555 Burrard Street, Box 212
Vancouver BC V7X 1M9
Canada

ATTN: Bligh John

CERTIFICATE OF ANALYSIS

21 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-ICP Kamloops (g/mt) Au-Fire Assay ICPOES

Code 1F2 Kamloops Total Digestion ICP(TOTAL)

Code Sieve Report-Kamloops Internal Sieve Report Internal

REPORT **A17-06448 (i)**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	g/mt	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	0.002	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
L016740	0.002	< 0.3	6.89	< 3	> 1000	< 1	< 2	2.85	< 0.3	14	58	28	3.58	13	1	0.91	1.34	15	701	2	2.32	34	0.058
L016741	< 0.002	< 0.3	7.58	4	> 1000	< 1	< 2	6.28	0.3	24	102	47	5.63	13	2	0.97	2.76	40	1060	< 1	1.24	63	0.104
L016742	< 0.002	< 0.3	9.07	< 3	> 1000	1	< 2	3.88	< 0.3	25	69	50	6.07	16	4	1.10	2.59	37	852	< 1	2.36	59	0.095
L016743	0.002	< 0.3	5.82	< 3	> 1000	< 1	< 2	1.66	< 0.3	27	328	107	4.06	12	< 1	1.28	2.16	32	570	< 1	0.90	172	0.063
L016744	< 0.002	< 0.3	6.44	< 3	> 1000	< 1	< 2	1.13	< 0.3	24	190	43	4.69	13	2	1.58	2.78	39	490	< 1	1.53	187	0.039
L016745	< 0.002	< 0.3	6.34	< 3	> 1000	< 1	< 2	1.84	< 0.3	23	294	26	4.71	13	2	1.16	2.47	32	708	< 1	1.77	144	0.071
L016746	< 0.002	< 0.3	1.89	4	> 1000	< 1	< 2	0.04	< 0.3	2	58	13	0.83	5	< 1	0.59	0.10	7	88	2	0.05	10	0.010
L016747	2.11	7.6	7.52	< 3	> 1000	2	< 2	4.37	< 0.3	27	45	71	6.91	20	3	2.00	1.87	12	984	< 1	2.32	34	0.090
L016748	< 0.002	< 0.3	7.79	11	> 1000	1	< 2	2.22	< 0.3	7	11	14	4.59	17	2	2.66	0.85	16	1430	< 1	2.97	5	0.157
L016749	< 0.002	< 0.3	8.76	4	637	2	< 2	3.44	< 0.3	7	10	10	4.51	18	< 1	1.82	0.51	8	1780	1	3.63	5	0.153
L016750	< 0.002	< 0.3	7.12	51	725	1	< 2	7.56	0.4	15	22	592	4.62	31	8	1.17	1.02	23	1100	< 1	1.84	4	0.083
L016951	< 0.002	< 0.3	8.65	54	39	1	< 2	7.72	< 0.3	20	17	13	4.63	27	1	0.04	1.06	38	1230	< 1	2.12	9	0.041
L016952	< 0.002	< 0.3	8.17	< 3	> 1000	< 1	< 2	4.51	< 0.3	35	18	413	7.94	16	< 1	1.42	2.77	35	1540	< 1	3.07	17	0.072
L016953	< 0.002	< 0.3	9.09	< 3	92	< 1	< 2	11.0	0.7	26	15	36	7.46	36	3	0.08	1.54	17	1830	< 1	1.51	14	0.077
L016954	< 0.002	< 0.3	8.70	< 3	> 1000	< 1	< 2	5.21	< 0.3	35	14	60	8.28	16	1	1.74	3.12	45	1660	< 1	2.50	19	0.073
L016955	< 0.002	< 0.3	8.19	34	950	< 1	< 2	6.34	1.2	22	107	28	4.93	14	< 1	2.30	2.83	17	9840	< 1	0.55	55	0.134
L016956	< 0.002	< 0.3	8.83	18	> 1000	1	< 2	1.60	< 0.3	8	13	12	3.06	14	7	2.06	0.18	17	1030	< 1	2.50	5	0.084
L016957	< 0.002	< 0.3	8.52	6	516	< 1	< 2	1.22	< 0.3	16	9	5	5.96	18	2	0.53	1.93	22	923	< 1	3.93	4	0.112
L016958	< 0.002	0.3	5.36	9	> 1000	< 1	< 2	0.05	< 0.3	< 1	13	5	0.83	8	< 1	3.79	0.06	12	91	< 1	0.10	2	0.011
L016959	0.002	< 0.3	6.39	3	> 1000	< 1	< 2	2.67	< 0.3	13	46	24	3.34	11	2	0.85	1.25	14	660	1	2.16	32	0.053
L016960	2.09	7.9	7.54	< 3	> 1000	2	< 2	4.48	0.3	28	93	67	7.00	20	< 1	2.06	1.89	12	1040	< 1	2.31	35	0.093

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
L016740	6	< 5	0.04	17	270	6	0.30	< 5	< 10	97	18	19	55	51
L016741	< 3	< 5	0.06	26	237	< 2	0.20	< 5	< 10	132	< 5	21	69	28
L016742	10	< 5	1.04	24	404	9	0.46	< 5	< 10	192	< 5	20	89	73
L016743	3	< 5	0.13	18	114	3	0.21	< 5	< 10	83	< 5	24	95	51
L016744	< 3	< 5	0.17	21	191	3	0.20	< 5	< 10	81	< 5	20	113	57
L016745	4	< 5	0.08	18	240	6	0.23	< 5	< 10	106	< 5	19	92	49
L016746	< 3	< 5	0.02	4	55	3	0.10	< 5	< 10	32	< 5	5	18	31
L016747	14	< 5	0.08	23	247	6	0.14	< 5	< 10	79	< 5	47	92	32
L016748	11	< 5	< 0.01	19	512	7	0.21	< 5	< 10	30	< 5	47	89	120
L016749	5	< 5	< 0.01	21	316	11	0.22	< 5	< 10	31	< 5	50	102	39
L016750	4	< 5	< 0.01	13	256	4	0.23	< 5	< 10	106	< 5	19	56	50
L016951	< 3	< 5	< 0.01	17	147	3	0.28	< 5	< 10	301	< 5	12	61	31
L016952	< 3	< 5	< 0.01	35	743	9	0.29	< 5	< 10	198	< 5	22	89	47
L016953	14	< 5	< 0.01	30	1730	11	0.24	< 5	< 10	228	< 5	19	42	43
L016954	< 3	< 5	< 0.01	36	923	7	0.26	< 5	< 10	171	< 5	23	81	50
L016955	34	9	0.16	25	95	10	0.40	< 5	< 10	190	9	17	158	61
L016956	< 3	< 5	< 0.01	6	185	6	0.23	< 5	< 10	68	< 5	20	60	73
L016957	5	< 5	< 0.01	24	88	10	0.21	< 5	< 10	58	< 5	39	99	34
L016958	4	< 5	0.01	< 4	32	< 2	0.10	< 5	< 10	7	< 5	6	19	72
L016959	< 3	< 5	0.04	16	250	10	0.32	< 5	< 10	103	17	18	50	42
L016960	16	< 5	0.09	23	253	14	0.16	< 5	< 10	87	< 5	47	92	45

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	g/mt	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	0.002	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas		33.3	2.60	414	> 1000	1	1460	0.92	2.3	6	15	1230	24.5	11	8	0.05	0.22	9	927	15	0.05	44	0.060
GXR-1 Cert		31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650
GXR-4 Meas		3.6	6.99	97	> 1000	2	15	1.07	0.7	16	51	6670	3.14	19	< 1	4.26	1.73	12	152	333	0.51	43	0.135
GXR-4 Cert		4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120
GXR-6 Meas		< 0.3	13.9	215	> 1000	1	< 2	0.18	0.5	14	49	69	5.69	34	< 1	1.91	0.63	34	1070	< 1	0.10	28	0.035
GXR-6 Cert		1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350
DNC-1a Meas					237					55	184	107		14				5				274	
DNC-1a Cert					118					57	270	100		15				5.2				247	
HiSilP1 Meas	11.6																						
HiSilP1 Cert	12.05																						
SBC-1 Meas				23	> 1000	3	3		0.7	26	80	33		31				155		1		86	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83	
SdAR-M2 (U.S.G.S.) Meas					> 1000	8	< 2		5.7	15	37	261		18	1			19		8		58	
SdAR-M2 (U.S.G.S.) Cert					990	6.6	1.05		5.1	12.4	49.6	236.0000		17.6	1.44			18		10		49	
OxL118 Meas	5.90																						
OxL118 Cert	5.828																						
L016744 Orig	0.003																						
L016744 Dup	< 0.002																						
L016952 Orig		< 0.3	8.17	9	> 1000	< 1	< 2	4.50	< 0.3	35	11	423	7.89	16	1	1.41	2.75	35	1520	< 1	3.06	16	0.072
L016952 Dup		< 0.3	8.17	< 3	> 1000	< 1	< 2	4.53	< 0.3	36	25	402	7.99	17	< 1	1.42	2.79	36	1550	< 1	3.09	18	0.073
L016953 Orig	< 0.002																						
L016953 Dup	< 0.002																						
Method Blank	< 0.002																						
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	735	28	0.26	< 4	280	26	0.03	< 5	50	89	160	33	739	30
GXR-1 Cert	730	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0
GXR-4 Meas	48	< 5	1.84	8	213	13	0.30	9	< 10	90	42	15	70	54
GXR-4 Cert	52.0	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186
GXR-6 Meas	92	< 5	0.02	27	38	< 2		< 5	< 10	103	< 5	12	124	60
GXR-6 Cert	101	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110
DNC-1a Meas	10	< 5		31	125		0.29			140		16	57	36
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0
HiSilP1 Meas														
HiSilP1 Cert														
SBC-1 Meas	32	< 5		21	169		0.53	< 5	< 10	221	< 5	33	171	121
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SdAR-M2 (U.S.G.S.) Meas	843			5	145				< 10	22	8	30	803	84
SdAR-M2 (U.S.G.S.) Cert	808			4.1	144				2.53	25.2	2.8	32.7	760	259
OxL118 Meas														
OxL118 Cert														
L016744 Orig														
L016744 Dup														
L016952 Orig	< 3	< 5	< 0.01	34	742	12	0.22	< 5	< 10	156	< 5	22	88	36
L016952 Dup	< 3	< 5	< 0.01	35	744	6	0.36	< 5	< 10	240	< 5	22	90	57
L016953 Orig														
L016953 Dup														
Method Blank														
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5

355000 m | 357500 m | 360000 m | 362500 m | 365000 m | 367500 m

5920000 m

5917500 m

5915000 m

5912500 m

New Gold Tenures
Big Bear North Property
Other Blackwater
Tenure Outline

Traverses
2017 Results
Points : Au_ppb
<1
1 - 10
10 - 50
50 - 100
100 - 1000
>1000

L016736, 1, 0.15
L016735, 1, 0.6
L016734, 1, 0.15
L016733, 1, 0.15
L016732, 1, 0.15
L016729, 1, 0.15
L016730, 1, 0.15
L016731, 1, 0.15
L016718, 1, 0.15
L016720, 1, 0.5
L016722, 1, 0.4
L016723, 1, 0.5
L016719, 1, 0.15
L016725, 15, 1.1
L016726, 1, 0.15
L016727, 1, 0.15
L016720, 1, 0.15
L016721, 1, 0.15
L016724, 1, 0.15
L016711, 1, 0.15
L016712, 1, 0.15
L016713, 2, 0.15
L016728, 1, 0.15
L016710, 1, 0.15
L016716, 12, 3.9
L016706, 17, 3.4
L016708, 1, 0.15
L016190, 11, 0.8
L016704, 548, 22.7
L016713, 2510, 99.7
L017056, 39, 2.8
L016714, 284, 11.1
L017097, 12, 1.2
L016707, 3, 0.9
L017098, 6, 2.5
L016702, 13, 0.7
L016715, 15, 1.9
L016701, 89, 0.5
L016703, 10, 0.5
L017099, 136, 1.3
L016190, 1, 0.15
L016739, 1, 0.3
L016737, 1, 0.15
L016738, 1, 0.5
L017074, 1, 0.15
L017075, 1, 0.15
L017073, 15, 0.3
L016958, 1, 0.3
L017069, 1, 0.5
L017068, 1, 0.7
L017067, 1, 0.15
L017070, 1, 0.15
L017066, 1, 0.15
L017071, 1, 0.15
L017072, 1, 0.15
L016745, 1, 0.15
L016744, 1, 0.15
L017095, 1, 0.15
L017094, 1, 0.15
L017076, 1, 0.15
L017077, 1, 0.4
L017078, 1, 0.15
L017085, 1, 0.15
L017081, 1, 0.15
L017083, 1, 0.15
L017080, 1, 0.15
L017079, 1, 0.15
L017082, 1, 0.15
L017086, 1, 0.15
L016748, 1, 0.15
L016748, 1, 0.15
L016953, 1, 0.15
L017058, 5, 0.15
L017056, 2, 0.15
L016952, 1, 0.15
L017057, 1, 0.15
L017055, 1, 0.15
L017054, 1, 0.15
L016750, 1, 0.15
L017052, 1, 0.15
L017053, 1, 0.15
L017064, 1, 0.5
L016954, 1, 0.15
L017059, 1, 0.6
L017060, 1, 0.5
L017062, 1, 0.6
L017061, 1, 0.5
L016957, 1, 0.15
L017063, 1, 0.5
L016746, 1, 0.15
L017088, 1, 0.15
L017089, 1, 0.15
L017090, 1, 0.15
L017093, 1, 0.15
L017092, 1, 0.15
L017091, 1, 0.15
L016742, 1, 0.15
L016743, 1, 0.15
L016741, 1, 0.15

0 2.5 km

2017 Results - Sample ID, Au (ppb), Ag (ppm)

Universal Transverse Mercator - Zone 10 (N)
North American 1983 (mean for CONUS)
Scale: 1:15000
Printed at: 2017-10-03