

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

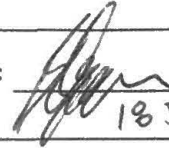
Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: GEOCHEMICAL ASSESSMENT REPORT

TOTAL COST: 3500.67

AUTHOR(S): Benjamin Eggers, P.GEO

SIGNATURE(S):


18 JAN 2016



NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): _____

YEAR OF WORK: 2016

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5633932 / January 17, 2016

PROPERTY NAME: Yankee Boy

CLAIM NAME(S) (on which the work was done): 1037058

COMMODITIES SOUGHT: Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092F042

MINING DIVISION: Alberni Mining Division

NTS/BCGS: 092F/04 / 092F022

LATITUDE: 49 ° 13 ' 29 " LONGITUDE: 125 ° 39 ' 37 " (at centre of work)

OWNER(S):

1) Ralph David Tieleman 2) _____

MAILING ADDRESS:

PO Box 95, Tofino, BC V0R 2Z0

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

1) Ralph David Tieleman 2) _____

MAILING ADDRESS:

PO Box 95, Tofino, BC V0R 2Z0

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

Early-Mid Jurassic Island Intrusive Suite, Devonian Sicker Group Volcanics - Nitinat Formation, mesothermal vein-hosted Au mineralization

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 12034, 13441, 17764

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			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soll 26 / 36 element ICP-ES / MS		1037058	\$1369.64
Silt			
Rock 2 / 36 element ICP-ES / MS		1037058	\$105.36
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying 28 / Bureau Veritas Commodities		1037058	\$725.67
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other Report preparation, program administration		1037058	\$1300.00
TOTAL COST:			\$3500.67

GEOCHEMICAL ASSESSMENT REPORT

on the

YANKEE BOY PROPERTY

Tenure No. 1037058

Alberni Mining Division

NTS Map Sheet: 092F/04

BCGS Map Sheet: 092F022

Latitude: 49° 13' 29" N; Longitude 125° 39' 37" W

UTM (NAD 83 – Zone 10): 5 455 850 N; 306 275 E

Owner/Operator:

**RALPH DAVID TIELEMAN
PO Box 95, Tofino, BC V0R 2Z0**

Author: Benjamin Eggers. P.Geo.

**Blackbird
Geoscience
Ltd.**

PO Box 1012, Tofino, B.C., V0R 2Z0

January 18, 2017

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YB-16-3 (after p.1)	Mineral Tenures Plan	1:50,000
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YB-16-5 (after p.14)	2016 Stream, Soil and Rock Sample Locations	1:2,500
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SECTION A: REPORT

INTRODUCTION:

The Yankee Boy property is thought to cover the historic Yankee Boy mined workings on mesothermal, Au-bearing quartz veins. The Property is located on the west coast of Vancouver Island, 19 km northeast of Tofino, BC and is owned by R. D. Tieleman of Tofino, BC. Reports to the Minister of Mines in 1940, 1941 and 1946 document two small shipments of mineralized quartz veining with a combined grade of 258 g/t Au and 117 g/t Ag from the Yankee Boy mine located near the mouth of the Tranquil River. The vein has not been worked since World War II and was reportedly buried during logging activities in the valley in the early 1960s and mid 1970s. Subsequent exploration efforts have confirmed low level Au anomalism on the property but have not yet relocated the historic workings.

Exploration on the Yankee Boy property during 2016 targeted Au-bearing veins interpreted to cross the claim along an east-northeast bearing trend. Geochemical sampling and panning confirmed the presence of anomalous Au within the stream crossing the western edge of the claim. Soil sampling transects crossing the interpreted structure identified low-level Au anomalism. The area is underlain by biotite quartz diorite assigned to the Early-Mid Jurassic Island Plutonic suite.

PROPERTY:

The Yankee Boy Property is 100% owned and operated by Ralph David Tieleman of Tofino, BC who acquired the claim through staking on July 2nd, 2015.

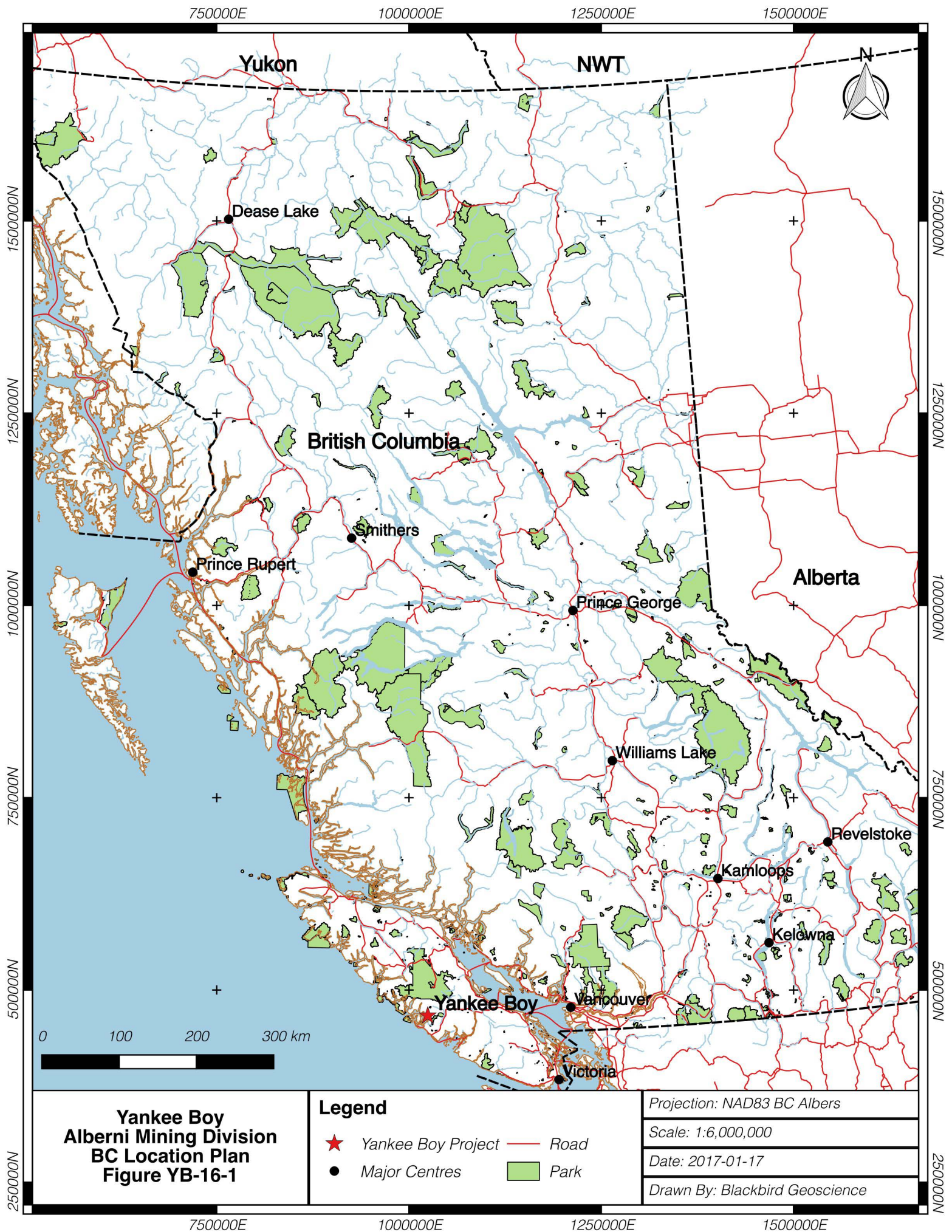
The property is located 19 km northeast of Tofino, BC at the head of Tranquil Inlet on the west side of Vancouver Island (Figures YB-16-1 & YB-16-2) and consists of 1 mineral tenure (2 cells) covering a gross area of 42.1867 ha (Figure YB-16-3).

The details of the mineral tenures that comprise the Property are set out in Section B of this report. The “good to” dates shown are based on the Statement of Exploration and Development Work registered on January 17, 2017 as Event #5633932 and assume that the work contained in this report will be accepted for assessment purposes.

LOCATION AND ACCESS:

The Yankee Boy property lies on the west bank of the Tranquil River, 2 km north of Tranquil Inlet within Clayoquot Sound on the west coast of Vancouver Island, southwestern British Columbia.

Access to the property is possible by boat, fixed-wing aircraft or helicopter. Boat access is gained either from Tofino or from a barge facility at Berryman Cove, which is accessed from Highway 4 (Port Alberni-Tofino) by the well maintained West Main and Deer Bay Main Forest Service Roads. From Berryman Cove it is approximately 4.5 km across Tofino Inlet to Rankin Cove, where a well-established dock and barge facility is maintained, or 6.5 km to the head of Tranquil

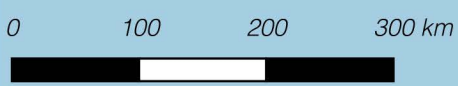


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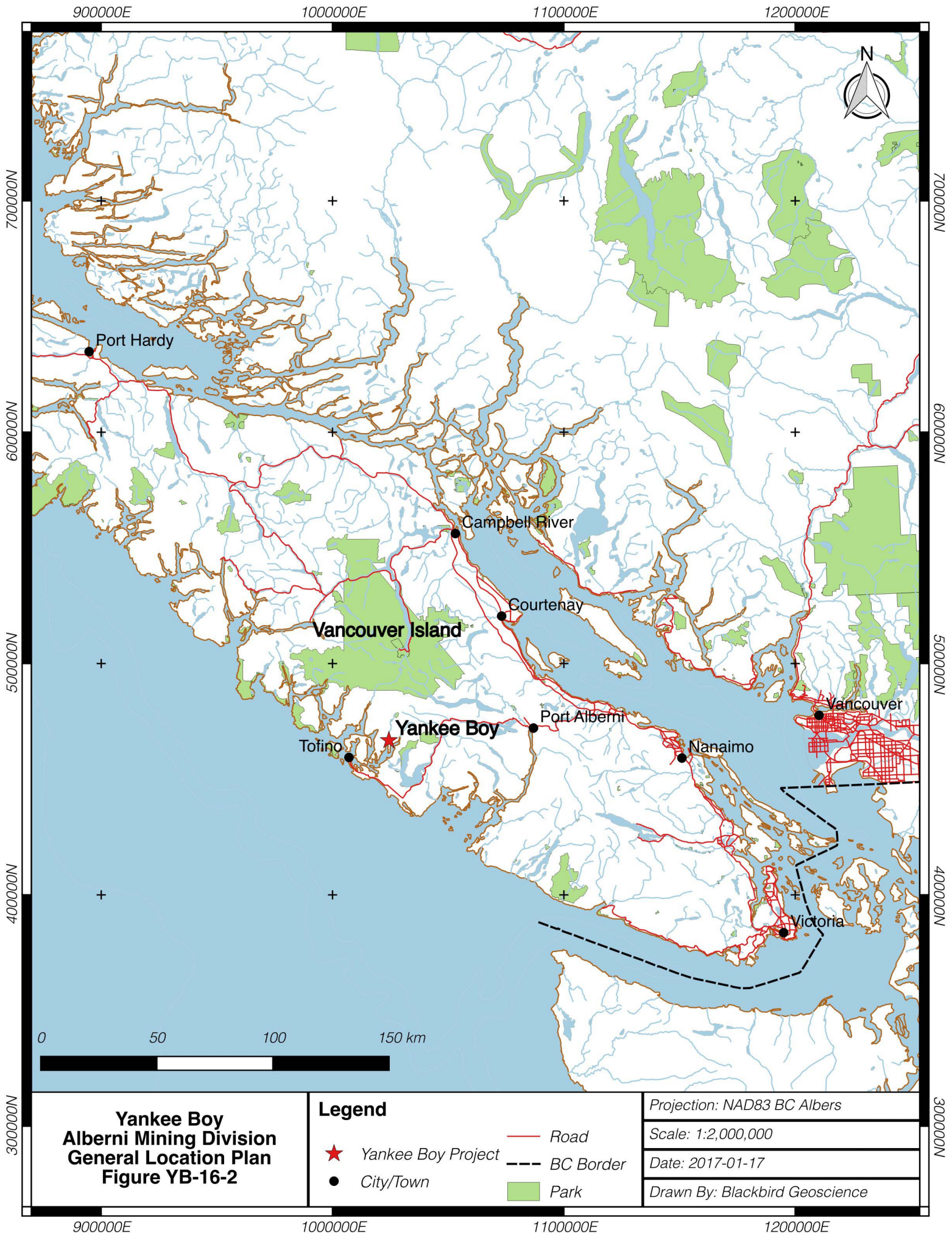


**Yankee Boy
Alberni Mining Division
BC Location Plan
Figure YB-16-1**

Legend

- ★ Yankee Boy Project
- Major Centres
- Road
- Park

Projection: NAD83 BC Albers
Scale: 1:6,000,000
Date: 2017-01-17
Drawn By: Blackbird Geoscience

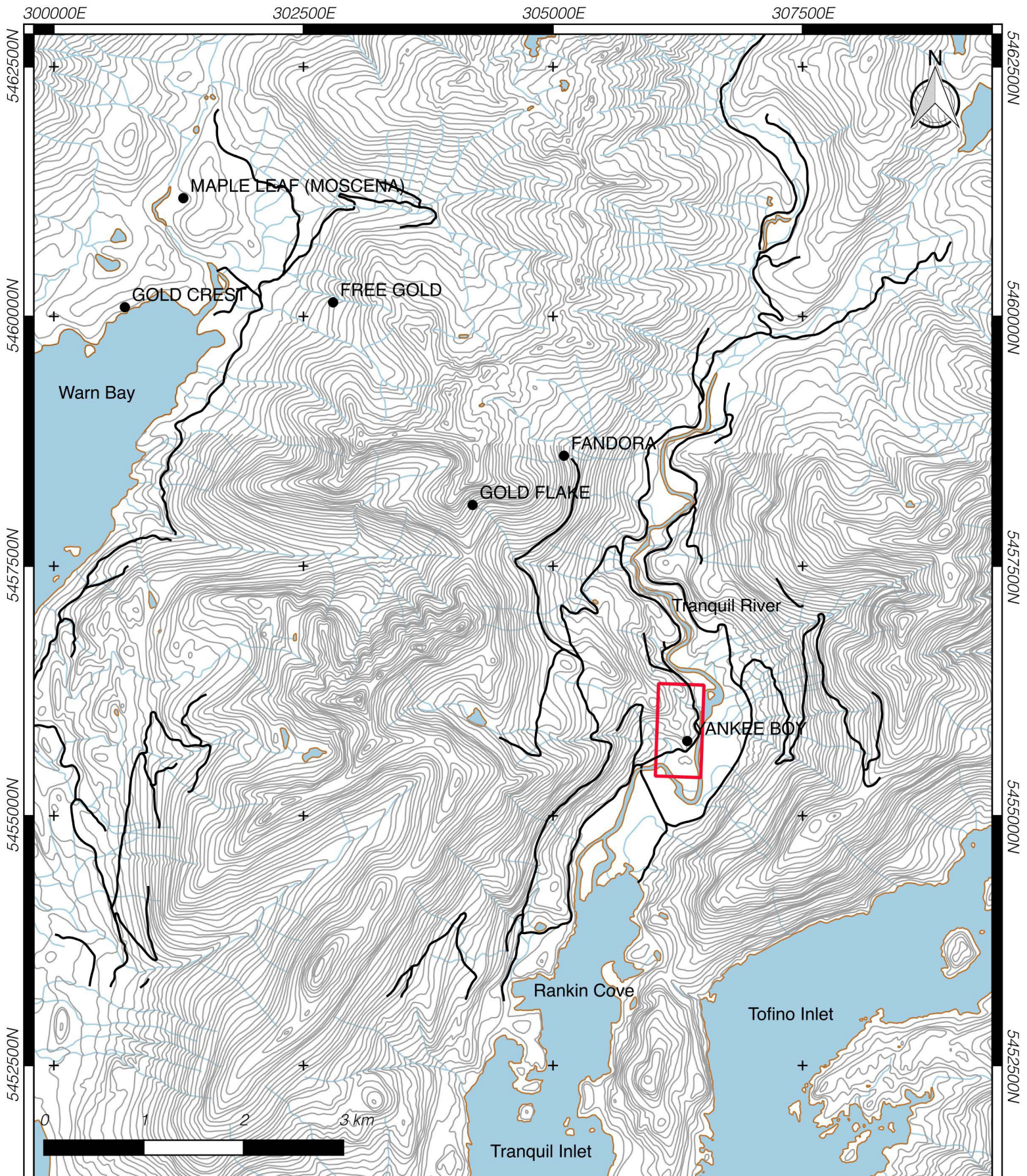


**Yankee Boy
Alberni Mining Division
General Location Plan
Figure YB-16-2**

Legend

- ★ Yankee Boy Project
- City/Town
- Road
- - - BC Border
- Park

Projection: NAD83 BC Albers
 Scale: 1:2,000,000
 Date: 2017-01-17
 Drawn By: Blackbird Geoscience



**Yankee Boy
Alberni Mining Division
Mineral Tenure Plan
Figure YB-16-3**

Legend

- Gold Prospect
- Road
- Yankee Boy Tenure

Projection: NAD83 UTM Zone 10

Scale: 1:50,000

Date: 2017-01-17

Drawn By: Blackbird Geoscience

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305000E

307500E

5452500N

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5457500N

5460000N

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5457500N

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5462500N

Inlet. The Tranquil Main Forest Service Road (FSR) leads to and crosses the Yankee Boy property from either Rankin Cove (3.5 km) or Tranquil Inlet (2 km). Helicopter flight time from the Tofino airport to the property is approximately 10 minutes each way.

The property is located on NTS map sheet 092F/04 and BCGS map sheet 092F022. The geographic centre of the claim is located at 49° 13' 29" North latitude and 125° 39' 37" West longitude with corresponding UTM coordinates being 5 455 850 N and 306 275 E (NAD 83, Zone 10).

CLIMATE, TOPOGRAPHY AND VEGETATION:

The climate of the region is classified as West Coast Marine, with mild but wet winter seasons and cool drier summers. Mean annual precipitation on the property at 20 m elevation is 3,446 mm as rain and 103 mm as snow with a mean annual temperature of 9.5°C. Summer temperatures average 14.8°C while winter temperature average 4.4°C (UBC, 2014). Temperatures are moderated by the proximity of the ocean so that prolonged periods of freezing weather are unusual, but due to the basin-like nature created by the high relief landscape colder winter periods and summer highs are amplified within the valley. Due to its low elevation the property can be accessed and worked year round.

The Yankee Boy property is located in the Clayoquot Sound region of western Vancouver Island. This area is dominated by the Estevan Coastal Plain, a gently undulating terrain that has been broken into numerous islands and peninsulas by inlets and channels. Steep highly dissected rocky hills dominate much of the western edge of the Vancouver Island Mountains. The property lies at the valley floor near the mouth the Tranquil River in an area surrounded by steep mountainous ridges. Elevations range from sea level along the banks of the Tranquil River to 160 m in the northeast corner of the claim.

The property is covered in a typical vegetation assemblage of the Coastal Western Hemlock biogeoclimatic zone consisting of thick stands of western hemlock, red cedar and amabilis fir. Thick undergrowth of salal and salmonberry occurs throughout the area. Logging of the lower Tranquil Valley during the 1960-70s cleared the majority of the old growth vegetation in the area and well established second generation forest now covers most of the property.

HISTORY:

The Tranquil Inlet-Warn Bay region has been explored for minerals intermittently since the 1890s. Gold was first discovered in about 1899 at the head of Warn Bay, 7 km northwest of Tranquil Inlet, but only minor development work on the Maple Leaf prospect was done at that time (MMAR, 1899).

In 1931 gold exploration began in earnest along the whole of the west coast of Vancouver Island following the discovery of the Privateer Mine in the Zeballos area, about 100 km north from Tranquil Inlet. This activity resulted in the location of several gold showings in the Tranquil Inlet Warn Bay region, including the Fandora, Gold Flake and Yankee Boy, shown on Figure YB-16-3 (MMAR, 1940, 1941 & 1946). Initially these prospects were hand trenched with small-scale adits driven on several of the auriferous veins and limited production during the 1940's.

The most substantial of these neighbouring prospects, the Fandora, located 3 km north of the Yankee Boy claim, was explored by underground development on four main adits at the 2100, 1900, 1700, and 1500 foot elevations during the late 1940's (Campbell, 1950). In 1947 the three main properties in the Tranquil Valley (Fandora, Gold Flake and Tofino) were amalgamated and placed into the newly formed Tofino Gold Mining Company. For several years, the property was heavily explored, chiefly by a series of open cuts along the strike of the high-grade zones of the Fandora vein structure. This exploration period culminated in the late 1950's with the driving of two additional exploration drifts on the 1265 and 1010 levels. As with the previous episode of mining, no substantial volumes of ore were removed for milling (H.W. Agnew, 1959).

Between 1957 and 1964 a new phase of development was initiated on the Fandora property by a group organized by Moneta Porcupine Mines. A 35 tonne/day mill was constructed in conjunction with drift expansion on the 1500 and 1700 levels. Within these levels, several high-grade zones were stoped and connections were made by two raises from the 1500 to the 1700 levels. A full 20 man camp was constructed, as well as an access road, telegraph line, and tram line connecting the lower beach camp with the upper mining camp (MMAR, 1960 and 1963). This was the last major episode of exploration on the Fandora property until 2009 when Selkirk Metals Corporation began a program of regional silt and soil geochemical sampling targeting extensions to the developed gold-bearing vein system (Eggers, 2014).

Relatively little is known regarding the mineralization reportedly occurring on the Yankee Boy claim. References to the Yankee Boy prospect in the Minister of Mines Report of 1946 states: "in 1940 production of approximately 35 oz of gold and some silver was recorded from three properties, the Gold Flake, Maple Leaf, and the Yankee Boy". Results of tonnage lot sample shipments from the Yankee Boy to the Department of Mines sampling plant in Prince Rupert are summarized below (MMAR; 1940, 1941).

Table 1. Yankee Boy Prospect – Historic Production

Year	Shipper	Dry tons	Au	Ag	Cu	SiO ₂
1940	T.A. Smith	0.3847 tons (0.3489 tonnes)	12.43 oz/ton (426 g/t)	5.74 oz/ton (197 g/t)	0.50%	78.90%
1941	W. Morris	0.4700 tons (0.4264 tonnes)	3.535 oz/ton (121 g/t)	1.54 oz/ton (52.8 g/t)	0.20%	88.70%
Total		0.8547 tons (0.7753 tonnes)	7.537 oz/ton (258 g/t)	3.43 oz/ton (117 g/t)		

The average grade of the Yankee Boy tonnage lot samples reported is 258 g/t (7.537 oz/ton) Au and 117 g/t (3.43 oz/ton) Ag.

According to the Minister of Mines (1946), these samples are from gold bearing veins from workings thought to lie at low elevation west of the Tranquil River on the Yankee Boy (formerly Tranquil) claim. Mr. S. Craig of Tofino, BC, the original staker of the Yankee Boy claim, has confirmed that the workings from 1940 and 1941 were subsequently buried when logging roads were constructed in the Tranquil River area in the early 1960s and again in the mid 1970s (Wood, 1988).

The most substantial effort to relocate the Yankee Boy workings was undertaken by Euro-Petroleum Corporation during 1983-84 as part of the Tranquil claim. The approximate area of the historic workings was prospected initially and several 1-2 inch wide quartz veins were sampled from pyritized chlorite-altered granitic host rock along the road and creek bank. Two grab

samples of this vein material returned 680 ppb Au (0.022 oz/ton Au, #32097) and 620 ppb Au (0.020 oz/ton Au, #32098). The following year exploration focused on stream, soil and rock chip sampling along all of the main logging roads within the broader Tranquil claim. The results of this program identified low-level gold anomalism in streams, soils and rocks in a roughly east to northeast trend across the Tranquil Valley. Without locating the Yankee Boy workings the property was deemed too high risk to warrant further spending.

D.H. Wood undertook additional work on the Yankee 1 claim in 1988, building on the work of Euro-Petroleum. A series of shallow test pits were dug and blasted in the vicinity of the historic workings and the low grade Au-bearing veins on the east side of the valley. The test pits failed to identify additional auriferous veins, but stream sediment sampling did confirm above background values of 16 ppb Au in a stream immediately west of the approximate Yankee Boy workings and 355 ppb Au from a stream draining the east side of the valley.

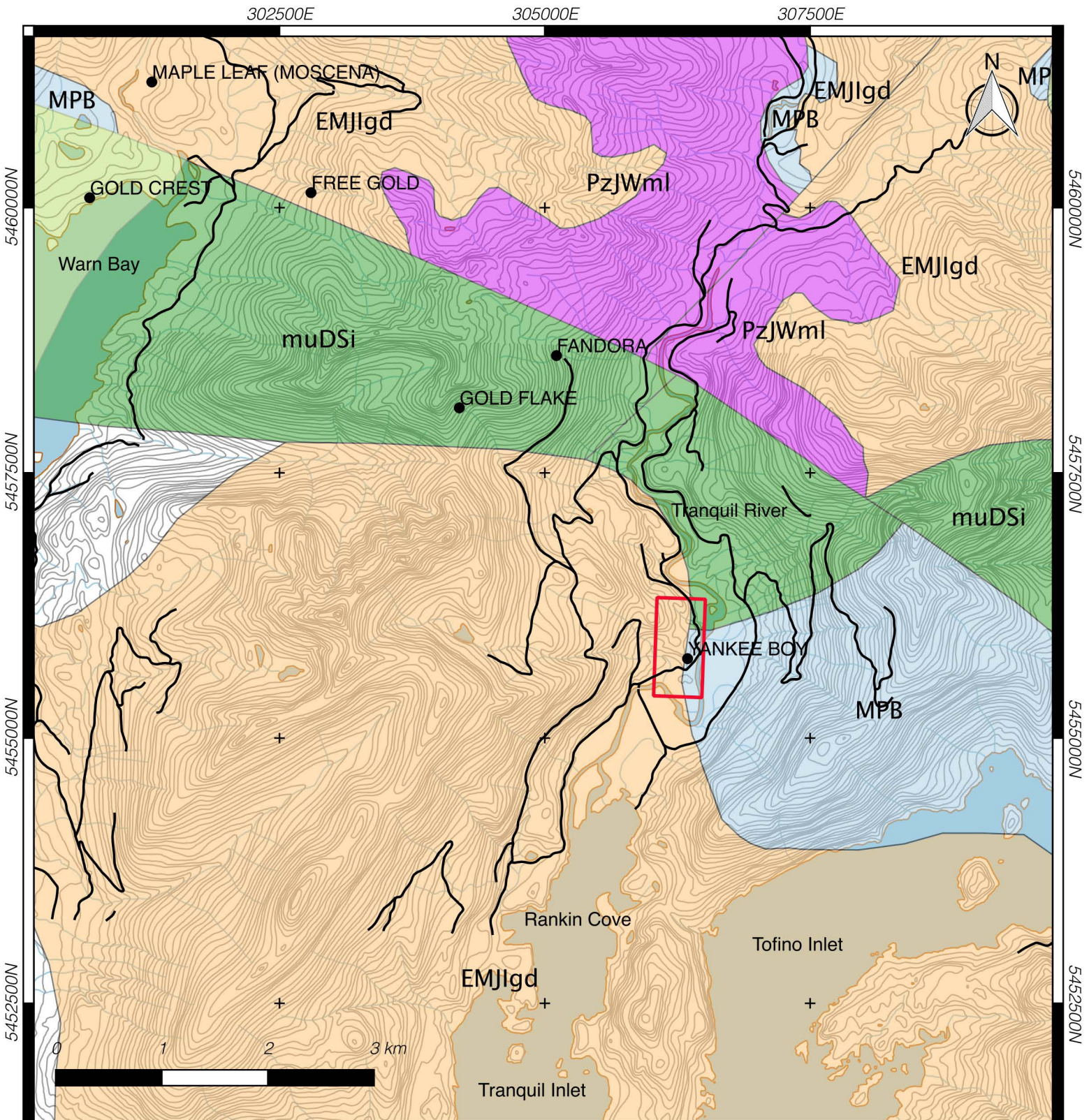
REGIONAL GEOLOGY:

The West Coast of Vancouver Island is underlain by the Wrangellia Terrane, an exotic assemblage accreted to the North American Cordillera in the Mesozoic, and the West Coast Complex. The Paleozoic (Upper Devonian) Sicker Group is the oldest member of the Wrangellia Terrane and underlies all other lithologies. The Sicker Group is defined by two main assemblages of marine island-arc deposition: the Nitinat and the McLaughlin Ridge Formations.

The Nitinat Formation is dominated by pyroxene-feldspar-porphyrific basalts and basaltic andesites. These typically occur as agglomerates, breccias, lapilli tuffs and crystal tuffs that formed as pyroclastic flows, debris flows and lahars. Pyroxene-phyric, amygdaloidal, pillowed and massive flows are also developed. The Nitinat Formation transitions (over a thickness of about 150 m) into the McLaughlin Ridge Formation, a sequence of volcanoclastic sediments dominated by thickly bedded, massive tuffites and lithic tuffites, interbedded with thinly bedded tuffites and laminated tuffaceous sandstone, siltstone and argillite (Massey, 1995). Carboniferous to Permian shallow marine deposited strata of bioclastic limestone, sandstone, and shale of the Buttle Lake Group conformably overlie the Sicker Group. The unconformable Middle Triassic Karmutsen Formation volcanics (basaltic pillow lavas, flows, and breccias) complete with a suite of hypabyssal sills and dykes, lie atop. A Late Triassic shallow marine sequence of Limestone (Quatsino Formation) overlies the Karmutsen, and is in turn overlain by thinly banded units of calcareous metasediments and argillites of the Parson's Bay Formation (Gunning, 1932).

All these lithologies are unconformably overlain by the thick Bonanza Volcanic sequence. These rocks consist chiefly of variably colored (red, green, and maroon) welded to massive dacitic tuffs and pyroclastic andesites. The Bonanza units trend prevalently northwest and are in turn intruded by the Lower Jurassic Island Intrusions; the cause of associated regional and contact metamorphism.

The West Coast Complex lies on the extreme western margin of Vancouver Island. The Complex is composed of a chaotic assemblage of lithologies defined by melanges of Lower Cretaceous mudstones, sandstones, and cherts overlying an older Volcanic Arc Complex. The northwest striking West Coast Fault separates this Mesozoic complex from the aforementioned Paleozoic and associated rocks of the rest of the Wrangellia Terrane on Vancouver Island (Brandon, M.T., 1985).



**Yankee Boy
Alberni Mining Division
Regional Geology Plan
Figure YB-16-4**

Projection: NAD83 UTM Zone 10

Scale: 1:50,000

Date: 2017-01-17

Drawn By: Blackbird Geoscience

Legend

Bedrock Geology

	Early Mid Jurassic Island Plutonic Suite (EMJlgd)		Yankee Boy Tenure
	Upper Triassic Vancouver Group - Karmutsen Volcanics (uTRVKvb)		Gold Prospect
	Mississippian to Lower Permian Buttle Lake Group (MPB)		Road
	Mid to Upper Devonian Sicker Group (muDSi)		
	Paleozoic to Jurassic Westcoast Crystalline Complex (PzJWml)		

5450000N

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5452500N

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5455000N

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5457500N

5457500N

5460000N

5460000N

302500E

305000E

307500E

PROPERTY GEOLOGY:

Geology and Structure

The Yankee Boy claim and surrounding area is underlain by variably gneissic, medium to coarse grained, biotite quartz diorite of the Tofino Inlet Pluton which intrudes massive, altered andesites of the Sicker Group – Nitinat Formation. Intrusive lithologies are well fractured and are propylitically altered in most outcrops. Plutonic and volcanic rocks are transected by northeast trending faults which are strongly reflected by topographic lineaments. Likewise, several northwest trending lineaments are interpreted as an indication of cross faults or joints.

The Yankee Boy workings are reported to lie near the valley floor west of the Tranquil River approximately 2 km north of the river mouth. This area is underlain by quartz diorite of the Tofino Inlet Pluton, interpreted to belong to the Early-Middle Jurassic Island Plutonic Suite.

Mineralization

Little is known of the Yankee Boy mineralization beyond the assay reports published by the Minister of Mines in 1940 and 1941. No published records documenting the nature of the quartz vein hosted Au mineralization are available.

The presumed model for a gold deposit at this location is one of auriferous quartz veins hosted in quartz diorite. Gold may have been derived from the Paleozoic (Upper Devonian) Sicker Group volcanics northeast of the inferred Yankee Boy location. Within the Tranquil Inlet-Warn Bay area lode gold prospects occur both within Sicker Group volcanics and Island Plutonic Suite intrusives within northeast and northwest trending vein structures.

2016 GEOCHEMICAL SAMPLING PROGRAM:

The Yankee Boy property was visited on September 4th, 2016 by owner/pro prospector R. Tieleman and geologist B. Eggers to complete a short geochemical sampling program in an attempt to locate the mineralized structure mined as the Yankee Boy during 1940-41. The property was accessed by boat from Tofino, BC to the Rankin Cove dock and by pickup via the partially over grown Tranquil Main FSR. Vehicle access along Tranquil Main beyond the Yankee By property is no longer possible due to wash outs at several culverts.

Based on the geochemical sampling completed in the area by previous explorers, an east-northeast zone of anomalous gold mineralization was interpreted to cross the Yankee Boy claim coinciding with the approximate location of the historic workings. Two soil sampling transects were completed, beginning at the Tranquil Main FSR, the western edge of alluvial cover, and extended 300 m to the northwest at a bearing of 330°. Samples of B-horizon soil material were collected every 25 m along the two transects, located 200 m apart, in an effort to detect northeast striking auriferous veins. A total of 25 soil samples were collected along with 2 rock samples of quartz vein material collected in the vicinity of the sampling transects. A sample of stream sediment was collected from the stream crossing the western edge of the claim. All samples were shipped to Bureau Veritas Commodities Canada Ltd in Vancouver for geochemical assay.

Bedrock exposure on the property west of the access road is common and consists of biotite quartz diorite as previously reported. Most of the claim is covered in well-established second generation planted forest and accessibility to outcrop along the spur ridge that crosses the claim is fairly good. Narrow quartz veins were noted along the sampling transects, however; time constraints limited the amount of prospecting completed during this visit.

Results from the soil transects confirmed low level anomalous Au values in a background of generally less than 2 ppb Au. The peak value returned from the first transect was 24.6 ppb Au at sample station YB1-150W. The maximum value reported from the second transect to the northeast was 5.1 ppb Au at YB3-50W. It is worth noting that the adjacent sample to this, YB3-75W, was not collected as the B-soil horizon could not be located at this site.

Rock chip sampling of quartz veining (105°/70°N) within a shear zone containing a 20 cm wide andesite dike 20 m southeast of the peak Au soil sample (YB1-150W) returned only 11.7 ppb Au.

The stream sediment sample (YBS-01) collected from the stream crossing the western edge of the Yankee Boy claim contained 163.7 ppb Au and fine gold was visible when panning this drainage immediately above the bridge.

CONCLUSIONS:

Although the anomalous soil and rock chip Au values reported from geochemical sampling during the 2016 Yankee Boy program are very low grade they do outline an anomalous trend roughly coincident with the previous east-northeast trending geochemical data. The presence of geochemically elevated and visible Au in the western stream on the property confirms the presence of auriferous veins either crossing the Yankee Boy claim or nearby on the western side of the Tranquil Valley.

The location of the historic Yankee Boy workings has still not been confirmed. Earlier road building during logging in the area reportedly buried the original workings, but it remains uncertain if they were located along the Tranquil Main FSR or on a secondary spur road. Either option remains a possibility. Even though high grade Au mineralization has not yet been relocated on the property there appears to be an east-northeast Au-bearing trend crossing the property that requires additional investigation.

Most of the exploration conducted in search of the Yankee Boy historic workings has been focused along the main road network present in the valley and very little sampling had been completed beyond the road edge prior to the 2016 program. There is considerable bedrock exposure on the property that should be prospected in the vicinity of the interpreted east-northeast Au-bearing trend.

RECOMMENDATIONS:

Based on review of the available historic data and geochemical data obtained from the 2016 Yankee Boy program it appears likely that Au-bearing quartz veins mined as the Yankee Boy workings are cut by the western stream sampled on the property. It is still unclear whether or not

the mineralized structure mined in 1940-41 crosses the Yankee Boy claim, but there is evidence for an east-northeast Au-bearing trend on the claim.

Detailed prospecting should still be completed on the Yankee Boy property as there is ample bedrock exposure in the area of the east-northeast Au-bearing trend. Bedrock exposed along the western side of the small spur ridge on the claim provides an opportunity to locate potential auriferous veining and should be prospected in the vicinity of sample site YB1-150W.

Respectfully submitted,



**Benjamin Eggers, P. Geo.
Blackbird Geoscience Ltd.**

STATEMENT OF QUALIFICATIONS:

For: Benjamin Eggers of 321 Olsen Road, Tofino, British Columbia.

I am a Consulting Geologist and Director of Blackbird Geoscience Ltd. with offices at 321 Olsen Road, Tofino, British Columbia V0R 2Z0;

I graduated from the University of Otago, New Zealand with a Bachelor of Science Degree with Honours in Geology (2004) and have been practicing my profession as a geologist in mineral exploration and mining continuously since graduation;

I am a registered member in good standing as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (Licence #40384);

The observations, conclusions and recommendations contained in the report are based on review of the described program, field examinations and the evaluation of results of the exploration program completed by the operator of the property.



**Benjamin Eggers, P. Geo.
Blackbird Geoscience Ltd.**

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- Melrose, D.L., 1984: A Reconnaissance Geochemical and Geological Report on the Tranquil Claim, Assessment Report for Euro-Petroleum Corporation, BC Assessment Report #13441
- University of British Columbia, 2014: Climate BC Map, Yankee Boy property climate data at 20 m elevation based on 1981 – 2010 climate record, http://www.climatewna.com/climateBC_Map.aspx
- Wood, D.H., 1988: Prospecting Report on the Yankee 1 Mineral Claim, BC Assessment Report #17764

SECTION B: PROPERTY

YANKEE BOY SCHEDULE OF MINERAL TENURES:

Tenure No.	Owner	Tenure Type	Claim Name	Map No.	Record Date	Good To Date	Cells	Area (ha)
1037058	R. D. Tieleman	MINERAL	Yankee Boy	092F022	2015/JUL/02	2022/JUL/02	2	42.1867
Total		1						42.1867

The “good to” dates shown are based on the Statement of Exploration and Development Work registered on January 17, 2017 as Event #5633932 and assume that the work contained in this report will be accepted for assessment purposes.

SECTION C: EXPENDITURES

YANKEE BOY 2016 GEOCHEMICAL SAMPLING PROGRAM:

YANKEE BOY PROJECT	Expenditure: 2016 Geochemical Sampling Program					January 17, 2017
Item / Contractor	Work	Period	Quantity	Unit	Rate	Amount
Personnel:						
Ben Eggers, P.Geo.	Consulting Geologist	Sept. 2016	2	days	\$520.00	\$1,040.00
Ralph Tieleman	Owner/Prospector	Sept. 4, 2016	1	days	\$350.00	\$350.00
Subtotal						\$1,390.00
Transportation:						
Boat - R. Tieleman	Travel Tofino to Yankee Boy Project	Sept. 4, 2016	2	hours	\$150.00	\$300.00
Pickup - Ford F-250 - R. Tieleman	Travel Tofino to Yankee Boy Project	Sept. 4, 2016	1	day	\$75.00	\$75.00
Fuel - Ford F-250	Travel Tofino to Yankee Boy Project	Sept. 4, 2016	1	units	\$10.00	\$10.00
Subtotal						\$85.00
Field Supplies:						
Greyhound Canada	Sample shipping Tofino - Vancouver		1	units	\$36.47	\$36.47
Subtotal						\$36.47
Assaying:						
Bureau Veritas Commodities Canada Ltd.	Rock Samples: AQ201 analytical code	VAN16001592	2	samples	\$30.36	\$60.72
Bureau Veritas Commodities Canada Ltd.	Soil Samples: AQ201 analytical code	VAN16001593	26	samples	\$25.58	\$664.95
Subtotal						\$725.67
Drafting:						
Drafter - B. Eggers, P.Geo	GIS work: plan drafting		0.5	days	\$520.00	\$260.00
Subtotal						\$260.00
Report Preparation:						
Report - B. Eggers, P.Geo	Data compilation, report preparation		2	days	\$520.00	\$1,040.00
Subtotal						\$1,040.00
Total	Tenure: 1037058					\$3,500.67

SECTION D: ANALYTICAL REPORTS

YANKEE BOY 2016 GEOCHEMICAL ASSAYS:

1. Analyses carried out by Bureau Veritas Commodities Canada Ltd. of Vancouver, B.C.

File Number	Date of Certificate	No. of Samples	Sample Type	Analytical Procedure
Mineral Analysis:				
VAN16001592	Nov 25 2016	2	Rock	AQ201
VAN16001593	Nov 25 2016	26	Soil	AQ201
Total		28		

2. Statement of Analytical Procedures: 1 data sheet
 - Bureau Veritas Commodities Canada Ltd AQ300, AQ200; Multi-Element (36) Assay by ICP-ES/MS; Aqua Regia Digestion



BUREAU VERITAS MINERAL LABORATORIES
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Bureau Veritas Commodities Canada Ltd.
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PHONE (604) 253-3158

Client: **Blackbird Geoscience Ltd.**
PO Box 1012
Tofino British Columbia V0R 2Z0 Canada

Submitted By: Ben Eggers
Receiving Lab: Canada-Vancouver
Received: September 07, 2016
Report Date: September 16, 2016
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN16001592.1

CLIENT JOB INFORMATION

Project: YANKEE BOY
Shipment ID: YB2016-01
P.O. Number
Number of Samples: 2

SAMPLE DISPOSAL

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

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

Invoice To: Blackbird Geoscience Ltd.
PO Box 1012
Tofino British Columbia V0R 2Z0
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	2	Crush, split and pulverize 250 g rock to 200 mesh			VAN
AQ201	2	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DRPLP	2	Warehouse handling / disposition of pulps			VAN
DRRJT	2	Warehouse handling / Disposition of reject			VAN

ADDITIONAL COMMENTS



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*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: YANKEE BOY

Report Date: September 16, 2016

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN16001592.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
YB16-01	Rock	0.34	0.6	7.0	1.0	6	<0.1	4.1	2.1	127	0.75	0.7	11.7	0.2	5	<0.1	<0.1	<0.1	16	0.30	0.005
YB16-02	Rock	0.84	0.5	38.1	1.4	20	<0.1	2.4	3.2	368	1.54	2.4	8.3	0.3	4	<0.1	0.3	<0.1	12	0.14	0.008



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Project: YANKEE BOY

Report Date: September 16, 2016

Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

VAN16001592.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.01	0.1	0.05	1	0.5	0.2	
YB16-01	Rock	<1	11	0.17	8	0.029	62	0.33	0.016	0.01	<0.1	0.03	1.1	<0.1	<0.05	2	<0.5	<0.2
YB16-02	Rock	<1	4	0.35	11	0.017	7	0.60	0.004	0.04	<0.1	0.05	1.0	<0.1	<0.05	2	<0.5	<0.2



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Project: YANKEE BOY
Report Date: September 16, 2016

Page: 1 of 1

Part: 1 of 2

QUALITY CONTROL REPORT

VAN16001592.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
YB16-02	Rock	0.84	0.5	38.1	1.4	20	<0.1	2.4	3.2	368	1.54	2.4	8.3	0.3	4	<0.1	0.3	<0.1	12	0.14	0.008
REP YB16-02	QC		0.5	38.0	1.4	20	<0.1	2.5	3.2	369	1.56	2.4	52.5	0.3	4	<0.1	0.3	<0.1	12	0.14	0.008
Reference Materials																					
STD DS10	Standard		15.2	156.0	153.2	350	1.8	78.4	11.9	918	2.84	41.8	75.4	7.2	66	2.5	7.9	11.4	45	1.08	0.070
STD OXC129	Standard		1.3	24.8	6.0	41	<0.1	80.0	18.0	432	3.11	0.5	188.0	1.7	189	<0.1	<0.1	<0.1	53	0.65	0.098
STD DS10 Expected			15.1	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	91.9	7.5	67.1	2.62	9	11.65	43	1.0625	0.0765
STD OXC129 Expected			1.3	28	6.3	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.665	0.102
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
ROCK-VAN	Prep Blank		1.6	3.3	1.1	28	<0.1	1.6	3.4	512	1.89	1.4	1.9	2.0	16	<0.1	<0.1	<0.1	23	0.63	0.038



QUALITY CONTROL REPORT VAN16001592.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
YB16-02	Rock	<1	4	0.35	11	0.017	7	0.60	0.004	0.04	<0.1	0.05	1.0	<0.1	<0.05	2	<0.5	<0.2
REP YB16-02	QC	<1	4	0.35	12	0.018	7	0.62	0.004	0.04	0.1	0.05	1.0	<0.1	<0.05	1	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	16	53	0.78	365	0.072	7	1.07	0.070	0.34	3.4	0.28	3.0	5.4	0.29	4	2.3	5.0
STD OXC129	Standard	12	47	1.57	46	0.413	<1	1.58	0.586	0.36	<0.1	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0755	0.067	0.338	3.32	0.3	3	5.1	0.29	4.5	2.3	5.01
STD OXC129 Expected		13	52	1.545	50	0.4	1	1.58	0.6	0.37			1.1			5.6		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
ROCK-VAN	Prep Blank	5	4	0.46	49	0.068	2	0.87	0.086	0.09	0.1	<0.01	2.6	<0.1	<0.05	4	<0.5	<0.2

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Client: **Blackbird Geoscience Ltd.**
PO Box 1012
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Submitted By: Ben Eggers
Receiving Lab: Canada-Vancouver
Received: September 07, 2016
Report Date: September 16, 2016
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN16001593.1

CLIENT JOB INFORMATION

Project: RALPH
Shipment ID: YB2016-01
P.O. Number
Number of Samples: 27

SAMPLE DISPOSAL

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

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

Invoice To: Blackbird Geoscience Ltd.
PO Box 1012
Tofino British Columbia V0R 2Z0
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	26	Dry at 60C			VAN
SS80	26	Dry at 60C sieve 100g to -80 mesh			VAN
AQ201	26	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DRPLP	26	Warehouse handling / disposition of pulps			VAN

ADDITIONAL COMMENTS



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Project: RALPH
Report Date: September 16, 2016

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN16001593.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
YBS-01	Sand	0.8	29.8	2.3	55	<0.1	16.7	12.5	671	3.32	3.4	163.7	0.9	19	<0.1	0.1	<0.1	84	0.62	0.035	3
YB1-00W	Soil	2.6	7.4	6.9	15	<0.1	3.6	2.4	130	2.39	2.5	5.6	0.5	10	<0.1	0.5	0.1	150	0.15	0.016	2
YB1-25W	Soil	1.3	7.3	4.7	12	<0.1	3.6	2.2	140	5.97	2.2	1.2	0.8	8	<0.1	0.2	<0.1	119	0.10	0.029	2
YB1-50W	Soil	0.9	9.3	3.8	17	<0.1	5.9	3.5	157	5.49	2.2	1.1	1.1	10	<0.1	0.2	<0.1	115	0.14	0.023	2
YB1-75W	Soil	0.8	10.0	4.8	18	<0.1	6.0	3.9	179	4.67	2.6	1.8	0.8	11	<0.1	0.3	0.1	108	0.15	0.023	2
YB1-100W	Soil	1.0	26.3	3.9	35	<0.1	12.2	7.2	306	4.58	3.6	2.5	1.3	13	<0.1	0.2	<0.1	95	0.19	0.026	4
YB1-125W	Soil	1.7	18.1	5.9	17	<0.1	5.7	3.9	181	7.74	2.7	0.9	2.2	9	<0.1	0.2	0.1	132	0.12	0.032	2
YB1-150W	Soil	1.2	6.3	4.5	17	<0.1	5.9	3.2	139	5.49	2.7	24.6	1.1	8	<0.1	0.2	0.1	131	0.13	0.021	2
YB1-175W	Soil	0.2	1.0	2.4	2	<0.1	0.2	0.1	7	0.07	<0.5	<0.5	0.2	1	<0.1	<0.1	<0.1	31	<0.01	0.006	1
YB1-200W	Soil	1.6	13.2	2.9	10	<0.1	2.5	2.5	53	8.94	2.2	1.4	0.5	4	<0.1	0.7	0.1	211	0.07	0.022	3
YB1-225W	Soil	2.3	20.8	5.2	20	<0.1	4.9	4.4	177	9.40	2.5	<0.5	1.7	6	<0.1	1.0	0.1	204	0.08	0.028	2
YB1-250W	Soil	2.3	5.2	8.4	9	<0.1	5.6	1.9	76	1.82	1.0	<0.5	0.3	7	<0.1	0.6	0.2	157	0.09	0.026	2
YB1-275W	Soil	20.4	4.3	8.0	13	<0.1	4.6	2.1	90	2.62	1.0	<0.5	0.1	7	<0.1	0.2	0.2	115	0.10	0.032	2
YB1-300W	Soil	0.3	2.8	0.8	2	<0.1	0.9	1.5	6	0.29	0.6	<0.5	0.3	3	<0.1	0.1	<0.1	7	0.02	0.012	2
YB3-00W	Soil	1.2	33.5	2.2	22	<0.1	6.2	8.1	368	5.22	4.2	<0.5	1.7	7	<0.1	0.1	<0.1	190	0.14	0.127	2
YB3-25W	Soil	1.3	11.6	5.5	8	0.2	2.8	1.7	46	5.78	3.2	2.6	0.7	6	<0.1	0.3	0.1	142	0.07	0.045	2
YB3-50W	Soil	1.1	5.6	6.0	10	<0.1	2.9	2.2	75	4.52	3.0	5.1	0.6	10	<0.1	0.5	0.1	179	0.15	0.022	2
YB3-75	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YB3-100W	Soil	1.7	7.1	4.4	9	<0.1	3.0	3.1	104	1.35	0.7	<0.5	0.3	8	<0.1	0.7	<0.1	94	0.07	0.030	2
YB3-125W	Soil	1.8	33.2	5.2	30	0.1	9.7	7.4	562	5.75	3.0	3.3	0.8	11	0.1	0.2	<0.1	117	0.16	0.048	4
YB3-150W	Soil	1.3	22.1	4.5	24	0.1	7.4	5.4	291	4.95	3.9	2.8	1.1	10	<0.1	0.3	<0.1	129	0.15	0.053	5
YB3-175W	Soil	1.0	10.4	6.1	14	<0.1	5.3	3.6	195	5.34	4.1	1.3	0.5	9	<0.1	0.6	0.1	111	0.10	0.044	3
YB3-200W	Soil	0.8	21.4	2.9	12	<0.1	5.1	22.0	755	2.48	1.5	<0.5	0.4	7	0.1	0.2	<0.1	44	0.10	0.068	14
YB3-225W	Soil	1.3	11.0	5.1	16	<0.1	4.5	2.5	107	6.00	3.4	0.7	1.4	7	<0.1	0.2	0.1	148	0.09	0.033	3
YB3-250W	Soil	1.5	8.4	6.1	14	<0.1	3.8	2.2	108	4.73	2.6	1.0	0.9	9	<0.1	0.2	0.1	134	0.11	0.026	3
YB3-275W	Soil	1.8	21.7	5.2	26	<0.1	7.9	5.6	292	5.69	3.8	1.9	1.3	10	<0.1	0.2	0.1	123	0.16	0.042	4
YB3-300W	Soil	2.9	8.6	7.5	14	<0.1	4.6	3.0	161	3.99	3.0	0.7	0.6	6	<0.1	0.2	0.1	95	0.09	0.051	4



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Client: **Blackbird Geoscience Ltd.**
PO Box 1012
Tofino British Columbia V0R 2Z0 Canada

Project: RALPH
Report Date: September 16, 2016

Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

VAN16001593.1

Method	Analyte	Unit	MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
				1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
YBS-01	Sand			28	0.94	31	0.125	7	2.12	0.015	0.03	0.3	2.02	4.6	<0.1	<0.05	7	<0.5	<0.2
YB1-00W	Soil			12	0.26	10	0.252	2	1.03	0.007	0.02	<0.1	0.06	2.4	<0.1	<0.05	16	<0.5	<0.2
YB1-25W	Soil			23	0.18	10	0.159	2	2.00	0.007	0.02	<0.1	0.13	2.6	<0.1	0.05	15	1.7	<0.2
YB1-50W	Soil			30	0.31	11	0.197	4	2.17	0.008	0.02	<0.1	0.20	3.6	<0.1	<0.05	15	1.7	<0.2
YB1-75W	Soil			24	0.34	11	0.209	3	1.94	0.008	0.02	<0.1	0.15	3.0	<0.1	<0.05	14	1.4	<0.2
YB1-100W	Soil			39	0.67	17	0.183	3	4.43	0.010	0.02	0.1	0.30	9.5	<0.1	0.05	11	3.0	<0.2
YB1-125W	Soil			48	0.25	14	0.166	3	3.95	0.008	0.02	<0.1	0.32	6.9	<0.1	0.07	17	4.1	<0.2
YB1-150W	Soil			34	0.30	13	0.186	2	2.34	0.010	0.02	<0.1	0.12	2.8	<0.1	0.06	16	0.9	<0.2
YB1-175W	Soil			2	0.01	4	0.046	3	0.19	0.004	0.01	<0.1	0.03	0.3	<0.1	<0.05	3	<0.5	<0.2
YB1-200W	Soil			33	0.09	6	0.140	1	2.14	0.005	0.02	<0.1	0.08	2.0	<0.1	<0.05	24	0.6	<0.2
YB1-225W	Soil			57	0.25	13	0.148	2	4.09	0.007	0.02	0.1	0.18	4.7	<0.1	<0.05	19	2.1	<0.2
YB1-250W	Soil			26	0.13	13	0.189	2	1.02	0.007	0.03	<0.1	0.10	1.7	<0.1	<0.05	14	0.5	<0.2
YB1-275W	Soil			18	0.21	13	0.059	2	1.33	0.008	0.03	<0.1	0.11	1.7	<0.1	0.07	20	0.6	<0.2
YB1-300W	Soil			4	0.01	3	0.012	3	0.10	0.007	0.01	<0.1	0.06	0.5	<0.1	<0.05	<1	<0.5	<0.2
YB3-00W	Soil			35	0.34	11	0.248	3	8.23	0.010	0.01	0.1	0.10	10.5	<0.1	0.32	12	1.4	<0.2
YB3-25W	Soil			23	0.07	6	0.185	2	1.75	0.005	0.02	<0.1	0.28	2.5	<0.1	0.07	16	2.5	<0.2
YB3-50W	Soil			26	0.12	6	0.243	3	1.40	0.006	0.02	<0.1	0.07	2.1	<0.1	<0.05	16	0.7	<0.2
YB3-75	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
YB3-100W	Soil			24	0.14	13	0.064	4	1.29	0.006	0.04	0.2	0.12	3.7	<0.1	<0.05	7	<0.5	<0.2
YB3-125W	Soil			40	0.55	14	0.174	3	3.77	0.009	0.02	0.1	0.28	6.9	<0.1	0.06	13	2.5	<0.2
YB3-150W	Soil			40	0.43	12	0.194	3	4.67	0.008	0.02	0.1	0.37	7.4	<0.1	0.09	15	3.1	<0.2
YB3-175W	Soil			39	0.23	13	0.102	2	1.84	0.007	0.02	<0.1	0.19	2.9	<0.1	<0.05	12	1.9	<0.2
YB3-200W	Soil			33	0.24	10	0.060	3	6.42	0.006	0.01	0.1	0.38	6.9	<0.1	0.10	6	7.1	<0.2
YB3-225W	Soil			36	0.19	10	0.158	2	4.00	0.008	0.01	<0.1	0.34	4.2	<0.1	0.05	17	3.2	<0.2
YB3-250W	Soil			27	0.18	13	0.116	2	2.55	0.006	0.02	<0.1	0.20	3.1	<0.1	0.06	17	2.2	<0.2
YB3-275W	Soil			37	0.46	12	0.191	3	4.17	0.008	0.02	0.1	0.37	6.9	<0.1	0.10	15	3.0	<0.2
YB3-300W	Soil			24	0.18	14	0.107	2	2.06	0.008	0.02	<0.1	0.37	3.0	<0.1	0.10	12	2.6	<0.2



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Report Date: September 16, 2016

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QUALITY CONTROL REPORT

VAN16001593.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
Pulp Duplicates																					
YB1-00W	Soil	2.6	7.4	6.9	15	<0.1	3.6	2.4	130	2.39	2.5	5.6	0.5	10	<0.1	0.5	0.1	150	0.15	0.016	2
REP YB1-00W	QC	2.6	7.9	6.9	15	<0.1	3.8	2.5	129	2.44	2.6	6.8	0.5	10	<0.1	0.5	0.1	155	0.16	0.016	2
Reference Materials																					
STD DS10	Standard	15.3	164.6	147.7	359	1.8	79.1	12.0	917	2.87	41.8	88.1	6.8	69	2.4	9.1	11.3	38	1.06	0.070	16
STD OXC129	Standard	1.4	25.0	5.9	42	<0.1	82.1	19.0	448	3.25	0.7	203.1	1.6	196	<0.1	<0.1	<0.1	48	0.67	0.093	12
STD DS10 Expected		15.1	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	91.9	7.5	67.1	2.62	9	11.65	43	1.0625	0.0765	17.5
STD OXC129 Expected		1.3	28	6.3	42.9		79.5	20.3	421	3.065	0.6	195	1.9				51	0.665	0.102	13	
BLK	Blank	<0.1	<0.1	0.5	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



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Part: 2 of 2

QUALITY CONTROL REPORT

VAN16001593.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																	
YB1-00W	Soil	12	0.26	10	0.252	2	1.03	0.007	0.02	<0.1	0.06	2.4	<0.1	<0.05	16	<0.5	<0.2
REP YB1-00W	QC	12	0.27	10	0.249	3	1.03	0.008	0.02	<0.1	0.07	2.4	<0.1	<0.05	16	<0.5	<0.2
Reference Materials																	
STD DS10	Standard	50	0.78	371	0.070	7	1.07	0.067	0.33	3.5	0.28	2.9	5.3	0.27	4	2.7	5.2
STD OXC129	Standard	50	1.55	45	0.424	1	1.49	0.596	0.35	<0.1	0.01	0.9	<0.1	<0.05	6	<0.5	<0.2
STD DS10 Expected		54.6	0.775	359	0.0817		1.0755	0.067	0.338	3.32	0.3	3	5.1	0.29	4.5	2.3	5.01
STD OXC129 Expected		52	1.545	50	0.4	1	1.58	0.6	0.37			1.1			5.6		
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	0.05	<1	<0.5	<0.2

SECTION E: SAMPLE LOCATIONS

Coordinate locations recorded in UTM NAD83 Zone 10.

YANKEE BOY 2016 STREAM SAMPLE LOCATIONS AND DESCRIPTIONS:

Project	Sample Type	Sample ID	Date	Easting NAD83_10	Northing NAD83_10	Elevation	Description
Yankee Boy	SSED-2MM	YBS-01	04-Sep-16	306184	5455690	21	Stream Sed sample sieved to -2mm

YANKEE BOY 2016 SOIL SAMPLE LOCATIONS AND DESCRIPTIONS:

Project	Sample Type	SampleID	Easting NAD83_10	Northing NAD83_10	Elevation	Sampler	Date	Notes
Yankee Boy	B-Horizon	YB1+00W	306264	5455686	12	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB1+25W	306247	5455715	21	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB1+50W	306233	5455733	29	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB1+75W	306218	5455761	37	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB1+100W	306209	5455788	47	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB1+125W	306196	5455797	54	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB1+150W	306191	5455821	58	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB1+175W	306170	5455845	80	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB1+200W	306160	5455870	78	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB1+225W	306141	5455897	79	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB1+250W	306131	5455918	77	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB1+275W	306122	5455940	77	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB1+300W	306107	5455953	80	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB3+00W	306434	5455767	18	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB3+25W	306424	5455782	32	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB3+50W	306411	5455797	40	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB3+75W						No Sample
Yankee Boy	B-Horizon	YB3+100W	306385	5455852	51	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB3+125W	306376	5455872	47	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB3+150W	306364	5455896	49	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB3+175W	306348	5455924	54	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB3+200W	306333	5455949	61	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB3+225W	306320	5455966	74	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB3+250W	306308	5455987	75	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB3+275W	306289	5456011	71	BE	04-Sep-16	
Yankee Boy	B-Horizon	YB3+300W	306276	5456030	64	BE	04-Sep-16	

YANKEE BOY 2016 ROCK SAMPLE LOCATIONS AND DESCRIPTIONS:

Project	Sample Type	Sample ID	Date	Easting NAD83_10	Northing NAD83_10	Elevation	Lithology	Alteration Min	Mineralization	Vein Style_Texture	Structure	Description
Yankee Boy	RCK-OUT	YB16-01	04-Sep-16	306200	5455808	47	VQZ				105/70N	Quartz vein, 3-8cm wide hosted by granodiorite, within shear zone and adjacent to 20cm wide andesite dike
Yankee Boy	RCK-FLT	YB16-02	04-Sep-16	306155	5455732	27	VQZ	chl		vug, mul		Quartz vein float, 10cm wide quartz-carbonate-chlorite with weak iron staining, vuggy, multiphasal

SECTION F: ILLUSTRATIONS

LIST OF FIGURES:

Plan Number	Title	Scale
YB-16-1 (after p.1)	BC Location Plan	1:6,000,000
YB-16-2 (after p.1)	General Location Plan	1:2,000,000
YB-16-3 (after p.1)	Mineral Tenures Plan	1:50,000
YB-16-4 (after p.4)	Regional Geology Plan	1:50,000
YB-16-5 (after p.14)	2016 Stream, Soil and Rock Sample Locations	1:2,500
YB-16-6 (after p.14)	2016 Stream, Soil and Rock Soil Sampling: Au (ppb)	1:2,500

306000E

306100E

306200E

306300E

306400E

306500E

5456300N

5456200N

5456100N

5456000N

5455900N

5455800N

5455700N

5455600N

5455500N

5455400N

5456300N

5456200N

5456100N

5456000N

5455900N

5455800N

5455700N

5455600N

5455500N

5455400N



**Yankee Boy
Alberni Mining Division
2016 Stream, Soil & Rock
Sample Locations
Figure YB-16-5**

Legend

Stream Sediment Sample

□ <2mm Fraction

Soil Sample

○ B-Horizon Soil

Rock Sample

△ FLOAT

▲ OUTCROP

▭ Yankee Boy Tenure

— Tranquil Main FSR

Projection: NAD83 UTM Zone 10

Scale: 1:2,500

Date: 2017-01-17

Drawn By: Blackbird Geoscience

0 100 200 m

306000E

306100E

306200E

306300E

306400E

306500E

306000E

306100E

306200E

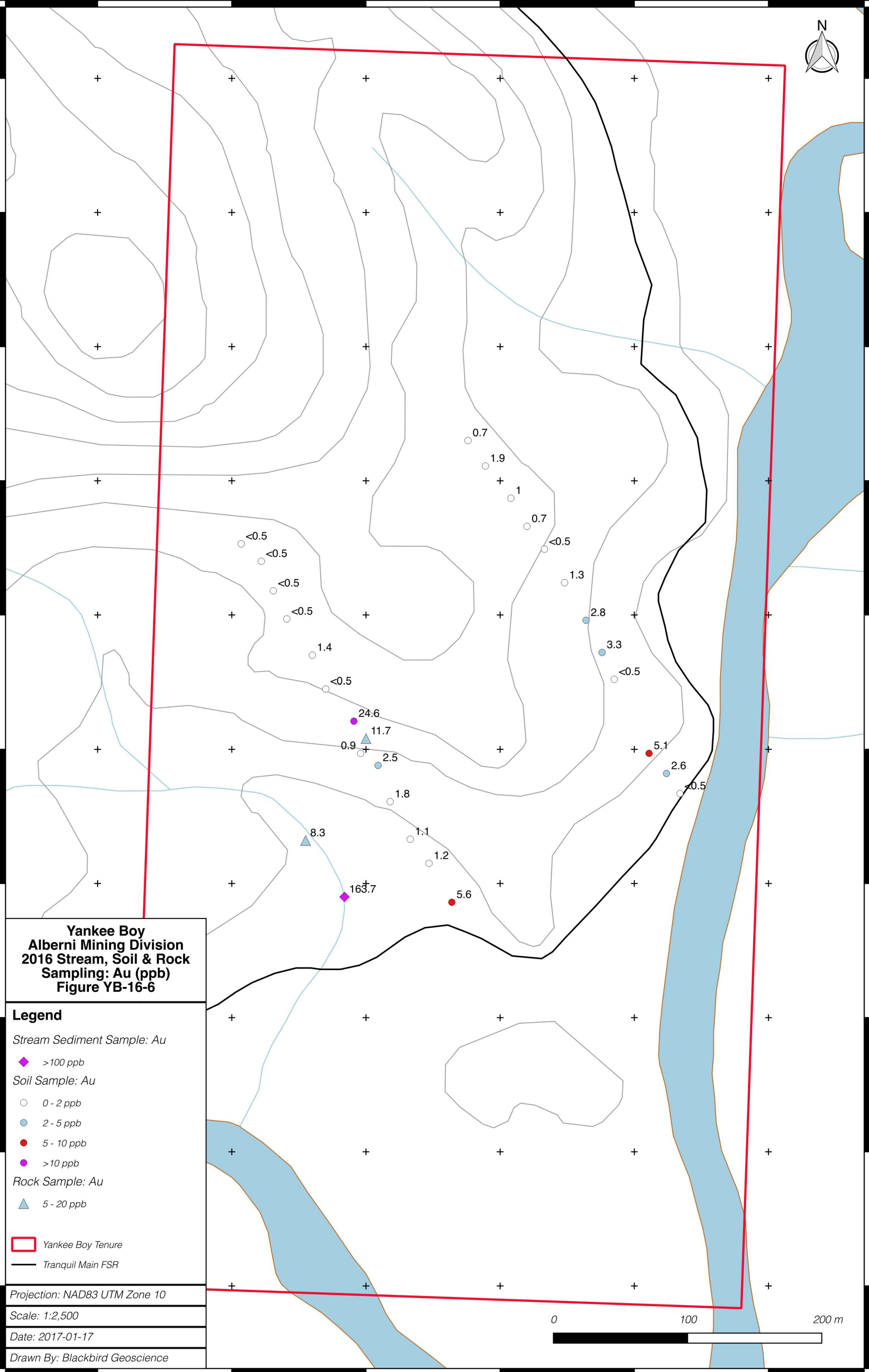
306300E

306400E

306500E

5456300N
5456200N
5456100N
5456000N
5455900N
5455800N
5455700N
5455600N
5455500N
5455400N

5456300N
5456200N
5456100N
5456000N
5455900N
5455800N
5455700N
5455600N
5455500N
5455400N



**Yankee Boy
Alberni Mining Division
2016 Stream, Soil & Rock
Sampling: Au (ppb)
Figure YB-16-6**

Legend
Stream Sediment Sample: Au

- ◆ >100 ppb
- Soil Sample: Au*
- 0 - 2 ppb
- 2 - 5 ppb
- 5 - 10 ppb
- >10 ppb
- Rock Sample: Au*
- ▲ 5 - 20 ppb

- Yankee Boy Tenure
- Tranquil Main FSR

Projection: NAD83 UTM Zone 10

Scale: 1:2,500

Date: 2017-01-17

Drawn By: Blackbird Geoscience



306000E

306100E

306200E

306300E

306400E

306500E