

**ASSESSMENT REPORT  
ON  
GEOCHEMICAL WORK  
YELLOW CHRIS PROPERTY**

LOCATED 6.5 KM EAST OF ISKUT, BC, LIARD MINING DISTRICT

57 degrees 51 minutes latitude  
129 degrees 52 minutes longitude

N.T.S. #s: 104H.011 and 104H.012

**EVENT NUMBER # 5476170**

PROJECT PERIOD: July 14 to 31, 2013

ON BEHALF OF  
REDHILL RESOURCES  
VANCOUVER, B.C.

REPORT BY

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December 19, 2013

<b>TABLE OF CONTENTS</b>	<b>PAGE</b>
PROPERTY DESCRIPTION AND LOCATION	2
ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, AND PHISIOGRAPHY	2
HISTORY	3
GEOLOGICAL SETTING AND MILERALIZATION	4
Regional Geology	4
Property Geology and Mineralization	4
REDHILL ROCK AND SILT SAMPLING PROGRAM	5
Introduction	5
Rock Sampling	5
Silt Sampling	6
LABORATORY PROCEDURES AND ANALYSES	6
INTERPRETATION AND CONCLUSIONS	6
RECOMMENDATIONS	7
REFERENCES	8

<b>LIST OF TABLES</b>	<b>Page</b>
Table 1 Claim Information	2

<b>LIST OF FIGURES</b>	<b>after page</b>
Figure 1 Location Map	2
Figure 2 Claim Map	2
Figure 3 Rock and Silt Sampling Results	5

<b>LIST OF APPENDICES</b>	<b>after page 8</b>
---------------------------	---------------------

Appendix I	Rock Samples Descriptions
Appendix II	Assay Certificates
Appendix III	Confirmation of Mineral Claim Exploration Work
Appendix IV	Statement of Expenses
Appendix V	Statement of Qualifications

## PROPERTY DESCRIPTION AND LOCATION

The Yellow Chris property is located in northwest British Columbia; approximately 6.5 kilometers to the east of Iskut, BC (see Figure 1).

The Property consists of 16 claims totalling 5166.29 hectares. The claims are wholly owned by Teuton Resources Corp. of Victoria, British Columbia. All relevant claims information is presented in table 1 below. Claim locations are shown on Figure 2.

Table 1 Claim Information

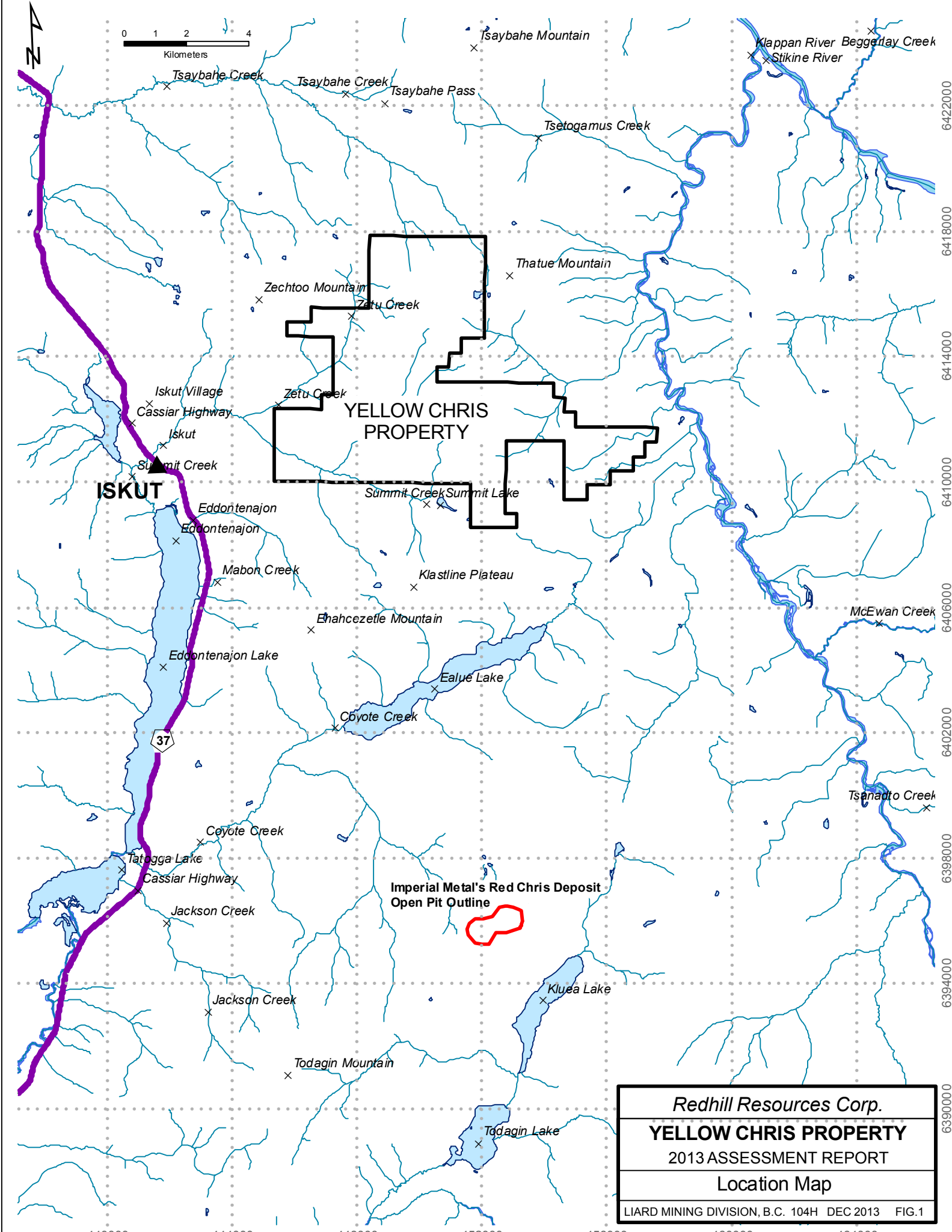
Tenure #	Claim Name	Owner	Issue Date	Good To Date	Area (ha)
668144	YELLOW CHRIS 1	126630 (100%)	2009/nov/11	2015/nov/11	430.7925
668145	YELLOW CHRIS 2	126630 (100%)	2009/nov/11	2017/apr/27	430.7282
668146	YELLOW CHRIS 3	126630 (100%)	2009/nov/11	2017/apr/27	430.7114
668147	YELLOW CHRIS 4	126630 (100%)	2009/nov/11	2017/apr/27	430.7195
668163	YELLOW CHRIS 5	126630 (100%)	2009/nov/11	2015/nov/11	430.7392
668164	YELLOW CHRIS 6	126630 (100%)	2009/nov/11	2015/jan/11	430.6042
668165	YELLOW CHRIS 7	126630 (100%)	2009/nov/11	2015/jan/11	430.5738
668166	YELLOW CHRIS 8	126630 (100%)	2009/nov/11	2015/jan/11	430.4979
668170	YELLOW CHRIS 13	126630 (100%)	2009/nov/11	2015/jan/11	430.3568
668171	YELLOW CHRIS 14	126630 (100%)	2009/nov/11	2015/jan/11	430.3136
668172	YELLOW CHRIS 15	126630 (100%)	2009/nov/11	2015/jan/11	430.1381
668173	YELLOW CHRIS 16	126630 (100%)	2009/nov/11	2015/jan/11	430.115
Total					5166.29

## ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, AND PHYSIOGRAPHY

Access to the Yellow Chris claims is obtainable by truck or car using Highway 37 which passes close to the western boundary of the property. Access to the upper portions of the area can be gained by helicopter from one of the seasonal helicopter bases stationed in Iskut.

The nearest gravel airstrip is located in Iskut. Northern Thunderbird Air currently has scheduled service on Monday, Wednesday and Friday to the Dease Lake airport and the Bob Quinn airstrip, located 111km south of Iskut along Highway 37.

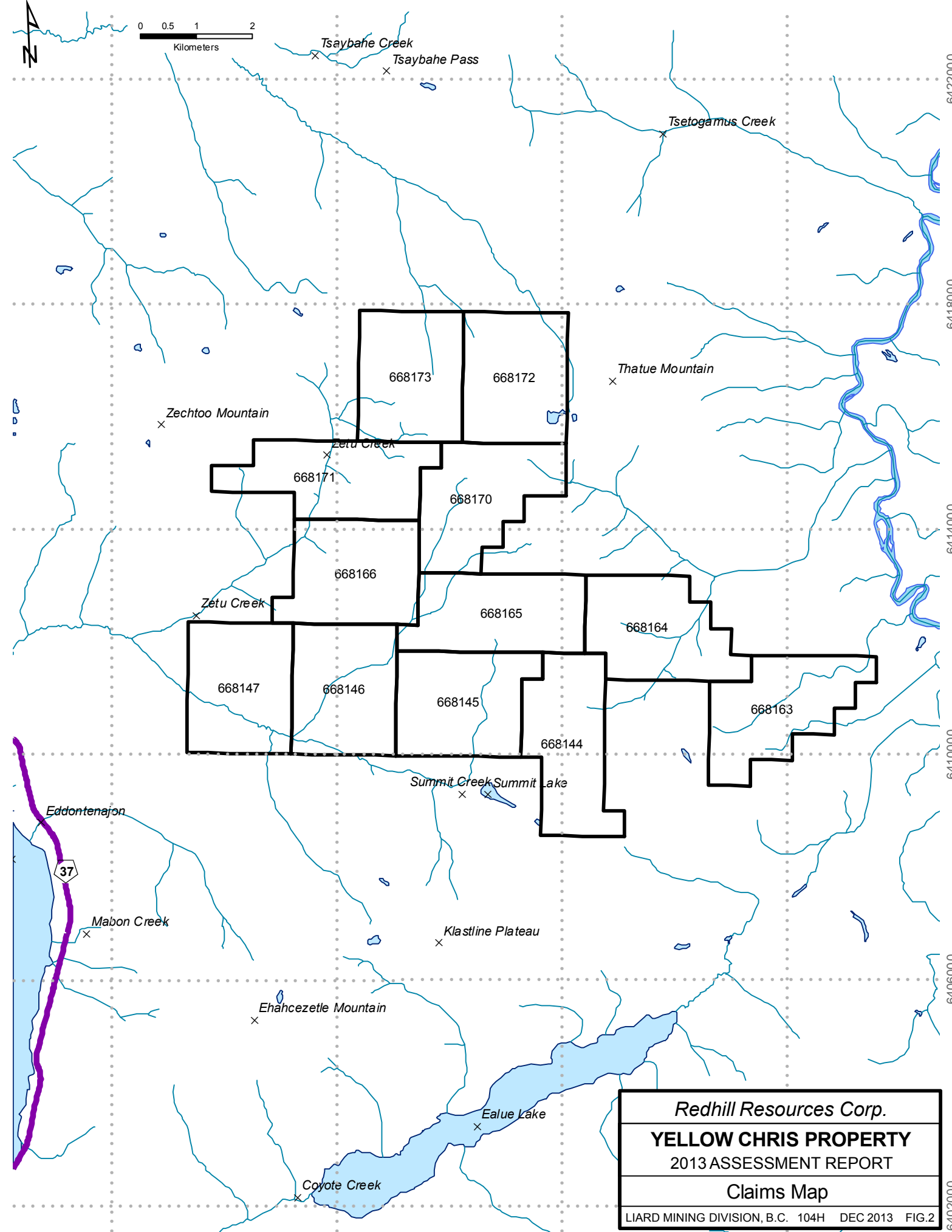
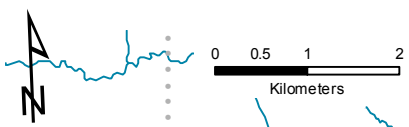
The claims are situated on the eastern portion of the Todagin upland plateau which forms a subdivision of the Klastine Plateau along the northern margin of the Skeena Mountains. Elevations on the property are typically  $1,500 \pm 30$  m with relatively flat topography broken by several deep creek gullies. Bedrock exposure is confined to the higher-relief drainages and along mountain ridges. The majority of the ground in this area is covered by a thin layer of glacial till. Vegetation on the plateau consists of scrub birch and willow, grasses and mosses. Within the creek valleys are several varieties of conifer and deciduous trees including balsam, fir, cedar, spruce, and aspen.



Redhill Resources Corp.  
**YELLOW CHRIS PROPERTY**  
 2013 ASSESSMENT REPORT  
 Location Map  
 LIARD MINING DIVISION, B.C. 104H DEC 2013 FIG.1

440000 444000 448000 452000 456000 460000 464000

6422000  
6418000  
6414000  
6410000  
6406000  
6402000  
6398000  
6394000  
6390000



Redhill Resources Corp.  
**YELLOW CHRIS PROPERTY**  
 2013 ASSESSMENT REPORT  
**Claims Map**  
 LIARD MINING DIVISION, B.C. 104H DEC 2013 FIG.2

444000 448000 452000 456000 6402000 6406000 6410000 6414000 6418000 6422000

The climate in the area is northern temperate with moderately warm summers and cold dry winters. Typical daytime temperature ranges are from the mid to upper 20's Celsius in summer and -20° to -30° Celsius in winter. Precipitation averages about 100cm per year. Thick accumulations of snow are common in winter.

## **HISTORY**

The Yellow Chris property is located in the Stikine River area of northwestern British Columbia, a region well known for its sub-alkalic to alkalic plutons, associated porphyry copper-gold mineralization and peripheral gold-silver bearing quartz veins. The area was subjected to very little exploration until the 1960's and 1970's when extensive exploration for porphyry copper deposits took place. In particular, Texasgulf Inc. carried out an intensive exploration program throughout the area and discovered a number of significant prospects including the Red-Chris and Rok.

The Yellow Chris property sits fifteen kilometers north of Imperial Metals, Red Chris porphyry copper-gold deposit. This deposit was first discovered in the 1960's and has since received sporadic yet continuous exploration. The drill programs undertaken by Texasgulf Inc. during the 1974, 1975, 1976, 1978 and 1980 field seasons, outlined two coalescing, east-north-easterly trending zones of porphyry-style copper gold mineralization hosted by the 'Red' stock, a weakly to intensely altered feldspar hornblende porphyry intrusion. These were later named the Main and East Zones. Current total proven and probable reserves at the Red-Chris deposit are estimated at over 300 million tonnes grading 0.359% copper and 0.274 g/t gold (Estimates for 2010 at website: [http://www.imperialmetals.com/s/Development\\_RedChris.asp](http://www.imperialmetals.com/s/Development_RedChris.asp)).

In 1976, Great Plans Development Company of Canada Ltd. carried out prospecting and geological mapping (Minfile #104H/15, 18) on the Kitty, Fife and Drum claims. These formerly existing claims are within the area presently covered by the Yellow Chris property. The Drum claim was located in between the Zechtoo and Thatue Mountains. The Kitty and Fife claims were situated on the south and west side of Zechtoo Mountain, respectively. No significant mineralized occurrences were discovered during this program.

The area was subsequently staked by West Pride Industries Corp in 1990 to form the Railway-Zetu property. In July and August, 1990, Reliance Geological Services Inc. carried out a program of reconnaissance prospecting and silt sampling (Kidlark, 1990a and 1990b). In June, 1991, Placer Dome Inc. conducted an examination of the property and collected 99 soil samples from several traverses near Zechtoo and Thatue Mountains. Fifty-five rock samples were also collected, mainly from the "Main Trench" area. A sample location map and the analytical results were made available to West Pride Industries Corp. but a report was not submitted.

The Railway-Zetu property was optioned in 1991 to Hyder Gold Inc. who commissioned Keewatin Engineering Inc. to carry out a reconnaissance soil, silt, and rock sampling program (DuPre, 1990) to evaluate the porphyry Cu/Au and shear vein Au/Ag potential of the claim

group. The samples returned inconsistent results with spotty low-grade Cu-Au anomalies. A historic showing referred to as the “Klastine Plateau” (MINFILE Number 104H 018) lies within the south-eastern portion of the Yellow Chris claim block and comprises limestone lenses included in the unnamed Carboniferous and older basement exposed along the southern flank of the Stikine arch.

Teuton acquired the claims in November, 2009, after the announcement of Imperial Metals’ Red Chris drilling results, in particular, hole RC09-350 which ran 152.5m of 4.12% copper and 8.83 g/t gold, said to be one of the richest in terms of length and grade to be drilled in British Columbia since the Eskay Creek discovery in 1989.

In 2010, Teuton completed an airborne geophysical survey on the central portion of the claims which defined several discrete magnetic anomalies interpreted as signaling intrusive bodies.

In 2012, Teuton conducted a surface geochemical sampling program over the southern part of the Yellow Chris property which was partially successful in defining a few copper anomalous soils, with peaks up to 271 ppm copper.

## **GEOLOGICAL SETTING AND MINERALIZATION**

### **Regional Geology**

The properties lie within the Intermontane Belt of the Canadian Cordillera. More specifically, the claims lay within the northeastern half of the Stikine Arch- dominated by Carboniferous to Middle Jurassic island-arc volcanic and sedimentary rocks, and associated plutonic suites (Schiarizza and MacIntyre, 1999). Stikine Terrane is considered to have developed in the eastern

Pacific of the Northern Hemisphere and migrated northwards to accrete with ancestral North America in Middle Jurassic (MacIntyre et al., 2001).

### **Property Geology and Mineralization**

The primary lithologies of the Yellow Chris property include Paleozoic marine sedimentary and volcanic rocks of the Stikine Assemblage, and Lower to Middle Jurassic arc-related, calc-alkaline, volcano sedimentary rocks of the Hazelton Group, as shown on Figure 4. Middle Jurassic Bowser Lake Group marine clastic sedimentary rocks underlay majority of the Red Chris South property.

The Devonian to Permian Stikine Assemblage (DPSsv) is the oldest lithology in the Stikine Terrain and makes up about 60% of the Yellow Chris property geology. This Paleozoic basement comprises moderately metamorphosed marine sedimentary and volcanic rocks (MacIntyre et al., 2001). A north-west striking body of Lower Permian Stikine Assemblage (IPSlm) comprised of

limestone, marble, and other calcareous sedimentary rocks occur within the south-eastern portion of the Yellow Chris claim block. Early Jurassic (195 to 205Ma) stocks and dykes of hornblende quartz diorite to quartz monzodiorite also occur throughout the northern project area. Major east-north-easterly regional normal faulting affects local strata and alteration.

The area explored during the July 2013 program (claims Yellow Chris 2 and 3) was found to be underlined by andesitic volcanic rocks with lesser amount of metamorphosed sedimentary rocks. These rocks were in many places intruded by diorite. Andesitic rocks which consist mostly of crystal to ash tuffs are replaced by secondary chlorite, carbonates and lesser epidote formed during regional metamorphism in greenschist facies. Metamorphosed sedimentary rocks are represented by phyllite/mica schist and black shale. Diorite (sporadically monzonite) is medium to coarse grained rock.

In most places, andesitic rocks (and to much lesser extent diorite) were found to contain variable amounts (up to 5%) of disseminated magnetite.

No significant mineralization or alteration was observed. In several places the rocks were silicified and carbonate altered, accompanied by trace to minor pyrite and/or pyrrhotite and variable amounts of limonite. In several places disseminated and fracture specularite was also observed. In a few spots trace to minor chalcopyrite was noted.

## **REDHILL ROCK AND SILT SAMPLING PROGRAM**

### **Introduction**

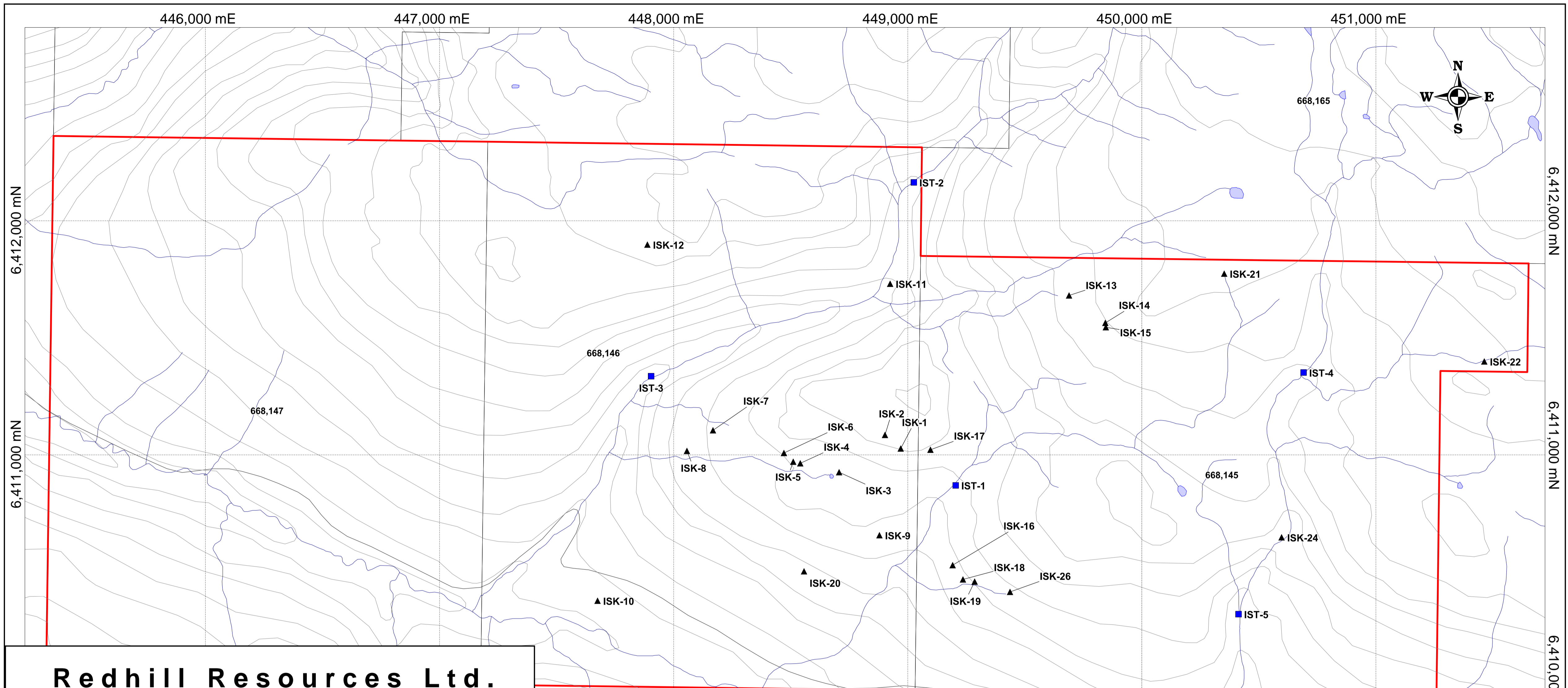
The 2013 Redhill Resources prospecting and sampling program was carried out from July 15<sup>th</sup> to July 26<sup>th</sup> to follow up on results from a helicopter borne magnetic survey conducted by Teuton Resources in 2010. The primary goal of the program was to examine two adjacent areas of magnetic low and high located on claims Yellow Chris 2 and 3. One of the reconnaissance soil samples collected in this area in 2012 by Teuton Resources returned 271 ppm copper.

During the program, a total of 26 rock (24 grab and 2 float) and 5 silt samples were collected. All the work was applied to three claims (668145 to 668147) optioned from Teuton by Redhill Resources (see Confirmation of Mineral Claim Exploration Work in Appendix III).

Samples descriptions are provided in Appendix I. Samples locations were recorded with hand held Garmin GPS. Sample assays for gold, silver, copper, lead and zinc along samples coordinates are shown in results tables of figure 3. Results for all 30 elements are presented in appendix II. The samples were prepared and analyzed by Acme Lab of Vancouver.

Field crew for the Yellow Chris program consisted of geologists Alex Walus and Adrian Smith. During the program the crew stayed in two fly camps located on the property. Air support was provided by Pacific Western Helicopters from its helicopter base in Dease Lake.





# Redhill Resources Ltd.

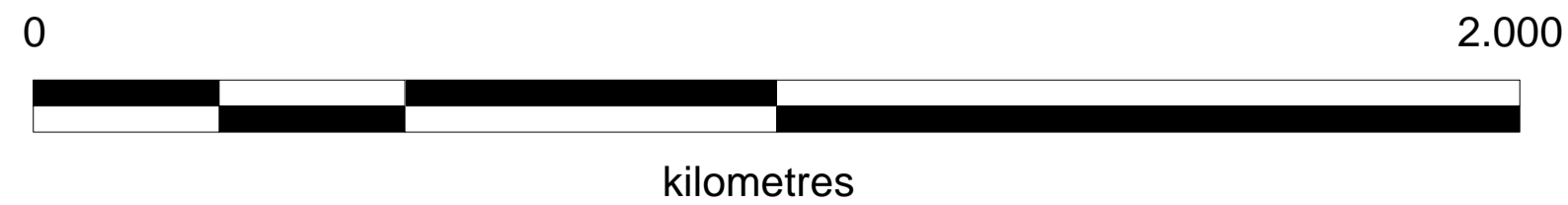
## Rock and Silt Sampling Results

Figure: 3

Date: November 2013      Scale: 1:10,000

Drawn By: AAS      Projection: UTM NAD 83 Z9

- ▲ 2013 Rock Sample
- 2013 Silt Sample
- Redhill Resources Optioned Property
- Mineral Tenures
- 661,234 Mineral Tenures Number
- Contours
- Lakes



Silt Sample ID	Easting	Northing	Au (PPB)	Cu (PPM)	Ag (PPM)	Pb (PPM)	Zn (PPM)
IST-1	449,205	6,410,870	13.30	136.30	0.10	8.60	286.00
IST-2	449,026	6,412,164	8.50	81.30	0.10	5.40	86.00
IST-3	447,904	6,411,336	5.40	76.40	0.05	4.70	83.00
IST-4	450,691	6,411,352	7.50	93.50	0.10	4.60	71.00
IST-5	450,413	6,410,320	7.30	72.00	0.05	4.60	73.00

Rock Sample ID	Easting	Northing	Au (PPB)	Cu (PPM)	Ag (PPM)	Pb (PPM)	Zn (PPM)
ISK-1	448,970	6,411,027	0.25	4.80	0.05	0.90	83.00
ISK-2	448,903	6,411,085	0.25	2.80	0.05	0.80	24.00
ISK-3	448,707	6,410,926	25.30	7.80	0.50	12.70	125.00
ISK-4	448,541	6,410,964	5.10	93.40	0.10	2.60	113.00
ISK-5	448,511	6,410,971	0.25	11.90	0.05	0.90	79.00
ISK-6	448,471	6,411,008	1.40	84.10	0.05	1.30	10.00
ISK-7	448,168	6,411,105	0.25	1.90	0.05	0.90	1.00
ISK-8	448,057	6,411,017	0.25	35.90	0.05	1.40	118.00
ISK-9	448,879	6,410,657	0.25	1.00	0.05	0.30	4.00
ISK-10	447,675	6,410,377	0.25	7.90	0.05	2.20	18.00
ISK-11	448,925	6,411,731	4.20	7.40	0.05	0.40	21.00
ISK-12	447,888	6,411,898	0.60	5.80	0.05	0.80	9.00
ISK-13	449,689	6,411,681	13.90	22.80	0.05	3.50	58.00
ISK-14	449,844	6,411,564	0.25	226.80	0.80	256.20	140.00
ISK-15	449,846	6,411,545	0.25	242.60	0.30	3.80	84.00
ISK-16	449,192	6,410,529	0.25	70.10	0.05	2.00	42.00
ISK-17	449,097	6,411,022	0.25	2.30	0.05	0.60	5.00
ISK-18	449,236	6,410,468	0.25	2.30	0.05	0.80	6.00
ISK-19	449,286	6,410,459	0.25	3.40	0.05	1.30	2.00
ISK-20	448,557	6,410,503	0.80	12.20	0.05	1.80	12.00
ISK-21	450,352	6,411,774	0.25	93.00	0.05	4.00	55.00
ISK-22	451,463	6,411,399	13.10	4.60	0.05	1.30	9.00
ISK-23	451,463	6,411,399	0.90	4.10	0.05	2.00	14.00
ISK-24	450,597	6,410,648	108.90	1,470.10	2.70	3.10	34.00
ISK-25	450,597	6,410,648	2.70	3.40	0.05	0.50	5.00
ISK-26	449,437	6,410,415	0.25	5.80	0.05	0.50	1.00

48,000 mE

## **Rock Sampling**

A few of the collected rock samples returned anomalous values in copper, lead zinc, silver and gold (see results on figure 3). Sample ISK-24 (float) assayed 1470 ppm Cu, 109 ppb Au and 2.7 ppm Ag. The sample represents a fragment of quartz-carbonate vein with 10-15% pyrite, pyrrhotite, limonite and minor chalcopyrite. The float most likely derives from a rusty pod approximately 10 by 5 metres in size located in a cliff above.

Sample ISK-15 returned 226 ppm Cu, 256 ppm Pb and 140 ppm Zn. A few other samples returned slightly anomalous values in copper, gold and zinc.

## **Silt Sampling**

During the program 5 silt samples were collected from creeks flowing on the property. One of the samples (IST-1) recorded slightly anomalous values in gold (13 ppb), copper (136 ppm) and zinc (286 ppm). The four remaining samples recorded low values in precious and base metals.

## **LABORATORY PROCEDURES AND ANALYSES**

After standard rock sample preparation, the 30 element Inductively Coupled Argon Plasma analysis was initiated by digesting a 0.5 gm sub-sample from each field specimen with 3ml 3-1-2 HCl-HNO<sub>3</sub>-H<sub>2</sub>O at 95 deg. C for one hour, followed by dilution to 10 ml with water. The Atomic Absorption measurement for ppb tolerance gold was preceded by subjecting 10 gram samples to standard fire-assay pre-concentration techniques to produce silver beads which were subsequently dissolved.

## **INTERPRETATION AND CONCLUSIONS**

The 2013 Redhill prospecting and sampling program conducted on the portion (claims 668145 and 668146) of Yellow Chris property was trying to explain the source of magnetic highs detected during the 2010 airborne geophysical survey. The area examined during the program is dominated by andesitic rocks often intercalated with diorite. In most places, these rocks were found to contain variable amounts of disseminated magnetite ranging from trace to 5%. It was found out that rocks in the area which coincide with a large airborne magnetic high contain relatively high concentration of disseminated magnetite ranging from 1 to 5%, the most likely source of magnetic anomaly. A large area of adjacent airborne magnetic low is underlain by phyllite/mica schist and contains no magnetite.

The rock samples collected during the program came from silicified and carbonate altered andesitic rocks and diorite with accompanying magnetite, pyrite and pyrrhotite. The altered and mineralized rocks form fracture controlled zones ranging in size from a few to several metres across. Intensity of alteration is weak and moderate. No significant mineralization was encountered during the program and geochemical results obtained from the rock and silts

samples are low. The only area with some potential for mineralization lies between silt sample IST-1 and rock sample ISK-24 which returned slightly anomalous results in Au, Ag, Cu and Zn.

## **RECOMMENDATIONS**

The area between silt sample IST-1 and rock sample ISK-24 should be prospected and soil sampled.

## REFERENCES

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**APPENDIX I**  
**ROCK SAMPLES DESCRIPTIONS**

- ISK-1 Grab sample from small outcrop of carbonate-chlorite altered andesitic rock.
- ISK-2 Grab from small outcrop of chloritized monzonite.
- ISK-3 Grab from small suboutcrop (?) of quartz-sericite-pyrite altered rock, minor limonite.
- ISK-4 Grab from small outcrop (5x3 m) of chloritized andesite rock with minor pyrite and limonite, sporadically manganese.
- ISK-5 Grab from chloritized andesitic rock with disseminated magnetite. The rock is strongly magnetic.
- ISK-6 Grab sample from small outcrop (4x2 m) partially silicified and/or K/feldspar altered andesitic rock with 1-2 % of pyrite and pyrrhotite.
- ISK-7 Grab sample from a small suboutcrop of completely silicified lesser sericite altered rock with abundant limonite and minor disseminated pyrite.
- ISK-8 Grab from a large outcrop (60x10 m) of chlorite-carbonate altered andesitic rock. The rock contains minor to 3% disseminated magnetite and is weakly to moderately magnetic.
- ISK-9 Grab from silicified andesite with 1-2% disseminated magnetite.
- ISK-10 Grab from small outcrop of strongly altered andesite/basalt.
- ISK-11 Grab from andesite cut by barren quartz-carbonate veinlets.
- ISK-12 Grab from quartz replacement.
- ISK-13 Grab from andesite with 2-3% disseminated pyrite. The rock is cut by barren carbonate veinlets.
- ISK-14 Angular float of weakly silicified andesite with minor disseminated gray sulphide and possibly chalcopyrite.
- ISK-15 Grab from small outcrop of fine grained diorite with 1-2% disseminated pyrrhotite and trace chalcopyrite.
- ISK-16 Grab from chlorite-carbonate altered andesite with specularite on fractures.
- ISK-17 Grab from weakly silicified andesite with minor limonite and black sulphide (?).

- ISK-18 Grab from silicified andesite with minor disseminated magnetite and pyrite.
- ISK-19 Grab from silicified lesser sericite and chlorite altered andesitic rock. The rock contains 1% disseminated pyrite and minor magnetite.
- ISK-20 Grab from moderately silicified rock with some disseminated magnetite and specular hematite.
- ISK-21 Grab from fine grained andesite with minor disseminated pyrite and pyrrhotite, locally minor disseminated magnetite.
- ISK-22 Grab from quartz replacement with some limonite and minor disseminated pyrite.
- ISK-23 Grab from silicified andesitic rock with trace to minor pyrite and limonite.
- ISK-24 Float of quartz-carbonate vein with 10-15% pyrite, pyrrhotite, limonite and minor chalcopyrite. The float most likely came from a rusty pod approximately 10 by 5 metres in size located in a cliff above.
- ISK-25 Grab from a small outcrop of completely silicified rock with disseminated pyrite.
- ISK-26 Grab from small outcrop of completely silica-carbonate altered rock with variable amount of limonite and locally minor disseminated pyrite.

**APPENDIX II**  
**ASSAY CERTIFICATES**





www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: Sunrise Drilling
2000 - 1177 West Hasting Street
Vancouver BC V6E 2K3 CANADA

Submitted By: Alex Walus
Receiving Lab: Canada-Vancouver
Received: July 31, 2013
Report Date: August 15, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN13002949.1

CLIENT JOB INFORMATION

Project: Yellow Chris
Shipment ID: 001
P.O. Number
Number of Samples: 26

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Contains two rows of sample preparation and analysis data.

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

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

Invoice To: Sunrise Drilling
2000 - 1177 West Hasting Street
Vancouver BC V6E 2K3
CANADA

CC:



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

# CERTIFICATE OF ANALYSIS

VAN13002949.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
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	
ISK-1	Rock	0.57	<0.1	4.8	0.9	83	<0.1	8.4	28.1	1532	7.37	0.9	<0.5	0.2	68	<0.1	0.7	<0.1	221	3.52	0.067
ISK-2	Rock	0.45	<0.1	2.8	0.8	24	<0.1	4.0	7.3	456	2.66	<0.5	<0.5	4.9	10	<0.1	<0.1	<0.1	57	0.76	0.049
ISK-3	Rock	0.46	29.8	7.8	12.7	125	0.5	1.5	6.2	538	3.30	53.5	25.3	7.3	93	0.6	0.7	<0.1	25	0.28	0.108
ISK-4	Rock	0.50	0.3	93.4	2.6	113	0.1	4.6	26.0	786	5.75	13.6	5.1	0.9	14	<0.1	0.3	<0.1	213	0.39	0.155
ISK-5	Rock	0.49	0.1	11.9	0.9	79	<0.1	4.1	8.2	661	4.97	9.0	<0.5	0.7	36	<0.1	0.2	<0.1	209	1.52	0.152
ISK-6	Rock	0.46	2.0	84.1	1.3	10	<0.1	1.1	2.8	203	0.69	6.9	1.4	17.0	23	<0.1	1.1	<0.1	8	0.15	0.005
ISK-7	Rock	0.59	0.3	1.9	0.9	1	<0.1	27.3	23.4	592	1.56	14.0	<0.5	0.5	12	<0.1	<0.1	<0.1	13	0.70	0.019
ISK-8	Rock	0.47	0.3	35.9	1.4	118	<0.1	3.9	28.9	1449	7.96	<0.5	<0.5	0.5	71	<0.1	0.2	<0.1	256	3.30	0.252
ISK-9	Rock	0.42	0.4	1.0	0.3	4	<0.1	0.8	4.3	300	1.45	<0.5	<0.5	0.9	5	<0.1	<0.1	<0.1	5	0.41	0.019
ISK-10	Rock	0.47	0.3	7.9	2.2	18	<0.1	5.3	12.7	579	5.37	3.4	<0.5	2.1	22	0.1	0.4	<0.1	153	0.97	0.146
ISK-11	Rock	0.47	0.3	7.4	0.4	21	<0.1	6.3	8.3	1798	3.23	4.0	4.2	0.4	117	<0.1	<0.1	<0.1	69	15.60	0.024
ISK-12	Rock	0.53	<0.1	5.8	0.8	9	<0.1	1.2	2.1	483	0.80	7.4	0.6	0.3	144	<0.1	0.1	0.1	7	2.53	0.019
ISK-13	Rock	0.53	0.2	22.8	3.5	58	<0.1	3.3	18.6	1111	5.05	4.9	13.9	1.8	147	0.2	0.3	<0.1	93	3.03	0.235
ISK-14	Rock	0.75	2.2	226.8	256.2	140	0.8	15.7	11.0	2027	2.61	2.6	<0.5	0.4	108	0.5	0.4	1.9	60	13.69	0.037
ISK-15	Rock	0.35	2.9	242.6	3.8	84	0.3	37.1	29.1	667	5.55	44.0	<0.5	0.2	24	0.2	1.3	<0.1	137	1.33	0.064
ISK-16	Rock	0.32	0.2	70.1	2.0	42	<0.1	3.2	15.4	1442	4.06	0.9	<0.5	0.4	47	<0.1	0.1	<0.1	118	4.09	0.159
ISK-17	Rock	0.43	1.9	2.3	0.6	5	<0.1	2.2	5.2	231	0.97	0.6	<0.5	1.6	5	<0.1	<0.1	<0.1	10	0.27	0.019
ISK-18	Rock	0.58	0.2	2.3	0.8	6	<0.1	3.7	10.0	795	3.69	2.2	<0.5	1.1	30	<0.1	0.2	<0.1	104	2.69	0.112
ISK-19	Rock	0.60	0.7	3.4	1.3	2	<0.1	5.2	14.5	954	2.45	3.1	<0.5	0.7	36	<0.1	0.2	0.2	37	2.75	0.114
ISK-20	Rock	0.49	2.3	12.2	1.8	12	<0.1	0.4	3.6	169	3.72	1.6	0.8	1.0	8	<0.1	<0.1	0.3	3	0.06	0.026
ISK-21	Rock	0.44	2.2	93.0	4.0	55	<0.1	15.8	14.0	374	3.11	3.1	<0.5	3.6	28	0.2	0.2	<0.1	67	0.62	0.057
ISK-22	Rock	0.45	0.4	4.6	1.3	9	<0.1	19.3	14.2	646	2.17	7.7	13.1	0.3	64	0.1	0.2	<0.1	21	2.72	0.024
ISK-23	Rock	0.46	0.3	4.1	2.0	14	<0.1	3.1	3.2	362	1.49	9.3	0.9	1.3	9	<0.1	<0.1	<0.1	5	0.58	0.029
ISK-24	Rock	0.33	2.1	1470	3.1	34	2.7	644.3	294.5	344	10.70	271.6	108.9	0.1	20	<0.1	0.4	0.2	85	0.32	0.004
ISK-25	Rock	0.42	0.3	3.4	0.5	5	<0.1	7.3	9.2	924	1.66	2.0	2.7	4.2	29	<0.1	<0.1	<0.1	31	2.50	0.069
ISK-26	Rock	0.36	0.7	5.8	0.5	1	<0.1	5.0	6.8	614	1.25	2.0	<0.5	0.5	27	<0.1	<0.1	<0.1	4	2.81	0.030



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Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Sunrise Drilling**  
2000 - 1177 West Hasting Street  
Vancouver BC V6E 2K3 CANADA

Project: Yellow Chris  
Report Date: August 15, 2013

Page: 2 of 2

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

VAN13002949.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		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	20	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
ISK-1	Rock	1	3	2.72	43	0.157	<20	3.90	0.026	0.14	0.5	<0.01	14.5	<0.1	<0.05	12	<0.5	<0.2
ISK-2	Rock	9	3	1.16	38	0.002	<20	1.57	0.062	0.15	<0.1	<0.01	4.9	<0.1	<0.05	5	<0.5	<0.2
ISK-3	Rock	16	2	1.13	870	0.035	<20	1.32	0.028	0.21	0.2	0.08	1.8	<0.1	0.41	4	<0.5	1.1
ISK-4	Rock	5	9	3.68	125	0.043	<20	3.06	0.059	0.08	<0.1	<0.01	16.2	<0.1	0.50	12	<0.5	<0.2
ISK-5	Rock	4	8	2.42	113	0.092	<20	2.50	0.073	0.15	<0.1	<0.01	16.1	<0.1	<0.05	11	<0.5	<0.2
ISK-6	Rock	17	2	0.17	897	0.002	<20	0.32	0.056	0.12	<0.1	<0.01	1.1	<0.1	0.06	2	<0.5	<0.2
ISK-7	Rock	2	3	0.29	25	<0.001	<20	0.13	0.082	<0.01	<0.1	<0.01	7.8	<0.1	0.38	<1	<0.5	<0.2
ISK-8	Rock	9	5	2.32	91	0.086	<20	2.74	0.059	0.07	1.3	<0.01	24.3	<0.1	0.07	14	<0.5	<0.2
ISK-9	Rock	6	<1	0.07	43	0.011	<20	0.24	0.101	0.04	<0.1	<0.01	6.6	<0.1	<0.05	1	<0.5	<0.2
ISK-10	Rock	14	6	1.50	42	0.098	<20	1.58	0.107	0.02	<0.1	<0.01	14.0	<0.1	<0.05	8	<0.5	<0.2
ISK-11	Rock	9	12	1.16	29	0.002	<20	1.35	0.027	0.02	<0.1	<0.01	15.7	<0.1	<0.05	4	<0.5	<0.2
ISK-12	Rock	2	1	0.18	26	0.001	<20	0.32	0.023	0.05	1.0	<0.01	1.1	<0.1	<0.05	<1	<0.5	<0.2
ISK-13	Rock	8	1	1.26	46	0.011	<20	1.73	0.070	0.05	<0.1	0.01	10.7	<0.1	1.43	7	<0.5	<0.2
ISK-14	Rock	3	15	2.21	200	0.045	<20	1.98	0.014	0.06	0.2	<0.01	6.9	<0.1	0.05	5	0.8	0.3
ISK-15	Rock	2	30	1.82	79	0.116	<20	2.68	0.059	0.10	<0.1	<0.01	8.2	<0.1	1.10	6	1.6	<0.2
ISK-16	Rock	4	4	1.09	42	0.021	<20	1.47	0.069	0.05	<0.1	<0.01	15.1	<0.1	<0.05	7	<0.5	<0.2
ISK-17	Rock	3	2	0.24	24	0.002	<20	0.35	0.089	0.05	<0.1	<0.01	3.8	<0.1	0.06	2	<0.5	<0.2
ISK-18	Rock	6	7	1.14	35	0.030	<20	0.33	0.098	0.03	<0.1	<0.01	12.9	<0.1	0.52	2	<0.5	<0.2
ISK-19	Rock	5	4	1.00	10	0.003	<20	0.17	0.104	0.02	<0.1	0.03	12.5	0.1	0.50	<1	<0.5	<0.2
ISK-20	Rock	5	1	0.25	45	0.006	<20	0.61	0.108	0.09	<0.1	<0.01	5.0	<0.1	0.55	6	0.6	<0.2
ISK-21	Rock	4	25	1.09	74	0.069	<20	1.72	0.090	0.04	<0.1	<0.01	4.6	<0.1	0.37	5	<0.5	<0.2
ISK-22	Rock	2	15	0.78	10	<0.001	<20	0.22	0.058	0.01	<0.1	<0.01	8.5	<0.1	0.64	<1	0.7	0.2
ISK-23	Rock	7	2	0.22	95	0.002	<20	0.43	0.061	0.12	<0.1	<0.01	3.3	<0.1	0.29	2	<0.5	<0.2
ISK-24	Rock	<1	49	1.92	17	0.105	<20	2.17	0.013	0.02	<0.1	0.02	6.9	<0.1	4.93	4	10.0	1.4
ISK-25	Rock	17	3	0.97	37	0.002	<20	0.14	0.087	0.02	<0.1	<0.01	7.3	<0.1	0.08	<1	<0.5	<0.2
ISK-26	Rock	4	2	0.61	97	0.001	<20	0.14	0.069	0.06	<0.1	0.02	9.0	<0.1	0.14	<1	<0.5	<0.2



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Acme Analytical Laboratories (Vancouver) Ltd.  
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
PHONE (604) 253-3158

Client: **Sunrise Drilling**  
2000 - 1177 West Hasting Street  
Vancouver BC V6E 2K3 CANADA

Submitted By: Alex Walus  
Receiving Lab: Canada-Vancouver  
Received: July 31, 2013  
Report Date: August 20, 2013  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

VAN13002950.1

### CLIENT JOB INFORMATION

Project: Yellow Chris  
Shipment ID: 001  
P.O. Number  
Number of Samples: 5

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

Invoice To: Sunrise Drilling  
2000 - 1177 West Hasting Street  
Vancouver BC V6E 2K3  
CANADA

CC:

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	5	Dry at 60C			VAN
SS80	5	Dry at 60C sieve 100g to -80 mesh			VAN
1DX1	5	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

### ADDITIONAL COMMENTS



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



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Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

**Client:** **Sunrise Drilling**  
 2000 - 1177 West Hasting Street  
 Vancouver BC V6E 2K3 CANADA

**Project:** Yellow Chris  
**Report Date:** August 20, 2013

Page: 2 of 2

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

VAN13002950.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	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	%	%	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	0.1	2	0.01	0.001	1	
IST-1	Silt	4.1	136.3	8.6	286	0.1	65.7	30.2	2136	5.00	66.6	13.3	0.8	40	1.8	0.6	0.4	126	1.16	0.089	11
IST-2	Silt	2.4	81.3	5.4	86	0.1	61.8	32.9	832	5.88	33.0	8.5	1.6	35	0.2	0.6	0.2	105	0.76	0.112	11
IST-3	Silt	2.1	76.4	4.7	83	<0.1	44.4	24.8	918	5.41	23.9	5.4	1.7	33	0.3	0.4	0.2	94	0.68	0.107	10
IST-4	Silt	1.6	93.5	4.6	71	0.1	56.4	26.4	1300	5.03	16.8	7.5	1.1	34	0.3	0.4	0.1	104	1.24	0.120	11
IST-5	Silt	1.5	72.0	4.6	73	<0.1	55.2	25.1	1755	4.95	35.9	7.3	1.0	102	0.2	0.4	<0.1	106	0.92	0.102	9



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**Client:** Sunrise Drilling  
 2000 - 1177 West Hasting Street  
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**Project:** Yellow Chris  
**Report Date:** August 20, 2013

**Page:** 2 of 2

**Part:** 2 of 2

# CERTIFICATE OF ANALYSIS

VAN13002950.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
IST-1	Silt	56	1.61	322	0.117	<20	1.98	0.017	0.05	<0.1	0.06	9.6	0.3	<0.05	7	2.5	<0.2
IST-2	Silt	45	2.04	271	0.081	<20	2.14	0.011	0.04	<0.1	0.03	8.4	<0.1	0.20	7	1.9	0.2
IST-3	Silt	37	2.07	325	0.042	<20	2.34	0.011	0.04	<0.1	0.02	7.1	<0.1	<0.05	7	<0.5	<0.2
IST-4	Silt	51	2.05	278	0.094	<20	1.94	0.015	0.05	<0.1	0.02	9.6	<0.1	<0.05	6	1.0	<0.2
IST-5	Silt	59	2.17	217	0.078	<20	2.15	0.010	0.05	<0.1	0.03	8.7	<0.1	<0.05	6	0.8	<0.2

**APPENDIX III**

**CONFIRMATION OF MINERAL  
CLAIM EXPLORATION WORK**


[Print and Close](#)
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## Mineral Titles Online

### Mineral Claim Exploration and Development Work/Expiry Date Change

Confirmation

**Recorder:** WALUS, ALOJZY  
ALEKSANDER (128229)

**Submitter:** WALUS, ALOJZY  
ALEKSANDER (128229)

**Recorded:** 2013/NOV/06

**Effective:** 2013/NOV/06

**D/E Date:** 2013/NOV/06

#### Confirmation

If you have not yet submitted your report for this work program, your technical work report is due in 90 days. The Exploration and Development Work/Expiry Date Change event number is required with your report submission. **Please attach a copy of this confirmation page to your report.** Contact Mineral Titles Branch for more information.

**Event Number:** 5476170

**Work Type:** Technical Work  
**Technical Items:** Geochemical, Prospecting

**Work Start Date:** 2013/JUL/14

**Work Stop Date:** 2013/JUL/31

**Total Value of Work:** \$ 31759.00

**Mine Permit No:**

#### Summary of the work value:

Tenure Number	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days Forward	Area in Ha	Applied Work Value	Submission Fee
668145	YELLOW CHRIS 2	2009/nov/11	2013/nov/11	2017/apr/27	1263	430.73	\$ 10585.29	\$ 0.00
668146	YELLOW CHRIS 3	2009/nov/11	2013/nov/11	2017/apr/27	1263	430.71	\$ 10584.88	\$ 0.00
668147	YELLOW CHRIS 4	2009/nov/11	2013/nov/11	2017/apr/27	1263	430.72	\$ 10585.08	\$ 0.00

#### Financial Summary:

**Total applied work value:** \$ 31755.25

**PAC name:** TEUTON

**Debited PAC amount:** \$ 0.0

**Credited PAC amount:** \$ 3.75

**Total Submission Fees:** \$ 0.0

**Total Paid:** \$ 0.0

*Please print this page for your records.*

The event was successfully saved.

Click [here](#) to return to the Main Menu.



**APPENDIX IV**  
**STATEMENT OF EXPENCES**

Exploration Work type	Comment	Days			Totals
<b>Personnel (Name)* / Position</b>	<b>Field Days (list actual days)</b>	<b>Days</b>	<b>Rate</b>	<b>Subtotal*</b>	
Alojzy Walus/Senior Geologist	July 15-26, 2013	12	\$800.00	\$9,600.00	
Adrian Smith/Junior Geologist	July 15-26, 2013	12	\$600.00	\$7,200.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$16,800.00	<b>\$16,800.00</b>
<b>Office Studies</b>	<b>List Personnel (note - Office only, do not include field days)</b>				
Literature search	Alojzy Walus	3.0	\$600.00	\$1,800.00	
Database compilation			\$0.00	\$0.00	
Computer modelling			\$0.00	\$0.00	
Reprocessing of data			\$0.00	\$0.00	
General research			\$0.00	\$0.00	
Report preparation	Alojzy Walus	3.0	\$600.00	\$1,800.00	
Other (specify)					
				\$3,600.00	<b>\$3,600.00</b>
<b>Airborne Exploration Surveys</b>	<b>Line Kilometres / Enter total invoiced amount</b>				
Aeromagnetics			\$0.00	\$0.00	
Radiometrics			\$0.00	\$0.00	
Electromagnetics			\$0.00	\$0.00	
Gravity			\$0.00	\$0.00	
Digital terrain modelling			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Remote Sensing</b>	<b>Area in Hectares / Enter total invoiced amount or list personnel</b>				
Aerial photography			\$0.00	\$0.00	
LANDSAT			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Ground Exploration Surveys</b>	<b>Area in Hectares/List Personnel</b>				
Geological mapping					
Regional					
Reconnaissance - 20000 ha	Alojzy Walus, Leszek Walus				<i>note: expenditures here should be captured in Personnel field expenditures above</i>
Prospect					
Underground	Define by length and width				
Trenches	Define by length and width			\$0.00	<b>\$0.00</b>
<b>Ground geophysics</b>	<b>Line Kilometres / Enter total amount invoiced list personnel</b>				
Radiometrics					
Magnetics					
Gravity					
Digital terrain modelling					
Electromagnetics					
SP/AP/EP					<i>note: expenditures for your crew in the field should be captured above in Personnel</i>

IP *field expenditures above*  
 AMT/CSAMT  
 Resistivity  
 Complex resistivity  
 Seismic reflection  
 Seismic refraction  
 Well logging Define by total length  
 Geophysical interpretation  
 Petrophysics  
 Other (specify)

				\$0.00	<b>\$0.00</b>
<b>Geochemical Surveying</b>	<b>Number of Samples</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Drill (cuttings, core, etc.)			\$0.00	\$0.00	
Stream sediment		5	\$19.16	\$95.80	
Soil			\$0.00	\$0.00	
Rock		26	\$19.16	\$498.16	
Water			\$0.00	\$0.00	
Biogeochemistry			\$0.00	\$0.00	
Whole rock			\$0.00	\$0.00	
Petrology			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	<b>\$593.86</b>
<b>Drilling</b>	<b>No. of Holes, Size of Core and Metres</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Diamond			\$0.00	\$0.00	
Reverse circulation (RC)			\$0.00	\$0.00	
Rotary air blast (RAB)			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Other Operations</b>	<b>Clarify</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Trenching			\$0.00	\$0.00	
Bulk sampling			\$0.00	\$0.00	
Underground development			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Reclamation</b>	<b>Clarify</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
After drilling			\$0.00	\$0.00	
Monitoring			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
<b>Transportation</b>		<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Airfare			\$0.00	\$0.00	
Taxi			\$0.00	\$0.00	
truck rental		14.0	\$150.00	\$2,100.00	
kilometers			\$0.00	\$0.00	
ATV			\$0.00	\$0.00	
fuel			\$0.00	\$869.00	

Helicopter (hours)		4	\$1135/h	\$4,542.66	
Fuel (litres/hour)			\$0.00	\$0.00	
Other					
				\$7511.66	<b>\$7511.66</b>
<b>Accommodation &amp; Food</b>	<b>Rates per day</b>				
Hotel		6	\$122.28	\$733.73	
Camp			\$0.00	\$0.00	
Meals	day rate or actual costs-specify	10.00	\$54.06	\$1081.18	
				\$1814.91	<b>\$1814.91</b>
<b>Miscellaneous</b>					
Telephone			\$100/day	\$1400.00	
Other (Specify)					
				\$1,400.00	<b>\$1,400.00</b>
<b>Equipment Rentals</b>					
Field Gear (Specify)			\$0.00	\$0.00	
Other (Specify)					
				\$0.00	<b>\$0.00</b>
<b>Freight, rock samples</b>					
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$38.65	<b>\$38.65</b>
<b><i>TOTAL Expenditures</i></b>					<b>\$31,759.08</b>

**APPENDIX V**

**STATEMENT OF QUALIFICATIONS**

I undersigned, Alojzy A. Walus, of 8577, 165 Street, Surrey, British Columbia, hereby certify that:

1. I am a graduate of the University of Wroclaw, Poland in 1984 with a Master of Science in Geology,
2. I have been practicing my profession for the last 29 years.
3. I am a member of the Association of Professional Geoscientists of British Columbia.
4. I hold no interest, direct or indirect, in Redhill Exploration Corp. or Teuton Resources, nor do I expect to receive any.

**Alojzy A. Walus, P.Ge**

**“Alojzy A. Walus”**

**Surrey, BC  
December 19, 2013**