

# **TECHNICAL REPORT on the TAGISH LAKE PROJECT**

**NTS: 104M/8 & 9, 104N/5 & 12**

**Latitude 59°27'N      Longitude 134°15.5'W**

**Atlin Mining Division**

**For**

**Blind Creek Resources Ltd.**

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**effective date July 30, 2010**

**November 30, 2010**

## 1.0 Executive Summary

The 67,055.9 hectare Tagish Lake Project, NTS map sheets 104M/8 & 9, 104N/5 & 12, is located primarily between Tagish and Atlin Lakes, 15-35 km west of the community of Atlin in northwestern British Columbia. Atlin is approximately 180 km by road southeast of Whitehorse, Yukon Territory. The property is situated in the Atlin Mining Division with a latitude and longitude of 59°27'N, 134°15.5'W. The claims comprising the Tagish Lake Project are registered to Blind Creek Resources Limited of Vancouver, British Columbia.

Two crustal scale sub-parallel, northwest trending faults transect the Tagish Lake Project, the Nahlin Fault Zone in the northeastern property area and the Llewellyn Fault Zone through the Wann River area. The faults are grossly coincident with terrane boundaries. A belt of anomalously high regional gold-arsenic and antimony geochemistry extends the length of the Tagish Lake area, coextensive with the Llewellyn fault.

The Tagish Lake Project is underlain by Carboniferous to Triassic oceanic rocks of the northern Cache Creek Terrane to the east of the Nahlin Fault Zone, Devonian to Permian metamorphic rocks of the Yukon-Tanana Terrane to the west of the Llewellyn Fault Zone and Triassic to Jurassic sedimentary strata of the Whitehorse Trough between the faults. The above lithologies are cut by Late Cretaceous to Tertiary intrusions and intruded by Eocene plugs and dykes and overlain by associated volcanic rocks and basal coarse clastic sedimentary rocks of the Sloko Group.

Potential exists within the Tagish Lake Project for epithermal gold-silver (Engineer Gold Camp), polymetallic vein (Ben-My-Chree), gold quartz vein (potential in Graham Creek area), copper (Whitehorse Copper) and gold skarn (TP in northern Tagish region) deposits, and possible Kuroko-style volcanogenic massive sulphide (Tulsequah Chief) deposits within Yukon-Tanana Terrane and copper-molybdenum-gold porphyry and gold-silver rich Eskay type shallow subaqueous hot spring deposits within the Whitehorse Trough.

Seven Minfile occurrences are documented on the Tagish Lake Project, the Kim (109.7 g/t Ag, 0.7 g/t Au and 4.0% Cu) and Douglas polymetallic vein showings in the southwestern property area, the Kirkland showing and Gleaner prospect covering epithermal veins near the Engineer Mine, the Graham Creek placer and upstream extent in the northern property area, and the Brown polymetallic vein showing and the copper-nickel-platinum-palladium Anyox-Rodeo prospect within the Wann River area.

Exploration by Blind Creek Resources Limited has focused on the Wann River area which straddles the Llewellyn Fault Zone, a system of northwest trending, steeply northeast dipping structures. A 160° trending 800m long by 180m wide corridor with quartz vein mineralization has been identified with Devonian to Triassic Boundary Range biotite-feldspar-quartz schist in the southwest, and a faulted panel of Upper Triassic Stuhini andesite and quartz eye porphyry in the northeast.

Mineralization at the Brown showing within the corridor consists of tetrahedritefreibergite, chalcopyrite, malachite, azurite, molybdenite, pyrite, sphalerite and galena. A sample collected from the Brown adit by the author in 2010, returning 8.6 g/t Au and 420 g/t Ag over 0.3m, confirmed previous results by the British Columbia Geological Survey from a chip sample (assaying 8.6 g/t Au and 315.38 g/t Ag) and verified the presence of significant gold-silver values on the Wann River portion of the Tagish Lake Project.

Results from grab samples from the Wann River area include 263 g/t Au, 1350 g/t Ag, 2.75% Cu, 4.45% Pb and 1.36% Zn hosted by quartz from tailings in the Lum trenches, and 15.9 g/t Au, 440 g/t Ag, and 1.04% Pb from the Newfie, 17.2 g/t Au from the Trail, including 32.9 g/t Au, 1180 g/t Ag and 3.35% Cu and 3.79% Pb from float, and 126 g/t Ag from the River quartz vein showings.

Based on the widespread indications of precious and variable base metal mineralization within a prospective 800m by 180m wide corridor, association with the Llewellyn Fault Zone, lack of overall exposure, and proximity and similarities to the past producing Engineer Mine, a significant exploration program is recommended on the Wann River portion of the Tagish Lake Project. A program consisting of 2,000m of diamond drilling to evaluate the southeastern sector of the corridor, a ground magnetic geophysical survey to aid in geological mapping, and additional prospecting, mapping and sampling is recommended on Wann River with a budget of \$950,000. A budget of \$50,000 is recommended to evaluate the Engineer portion by mapping, prospecting and sampling.

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## **2.0 INTRODUCTION AND TERMS OF REFERENCE**

### **2.1 Qualified Person and Participating Personnel**

Ms. Jean M. Pautler, P.Geo. was commissioned by Mr. J. Frank Callaghan, President and CEO of Blind Creek Resources Limited of Vancouver, British Columbia to examine and evaluate the geology and mineralization on the Tagish Lake Project and to make recommendations for the next phase of exploration work in order to test the economic potential of the property. The report may be used as part of the technical basis for an IPO and listing application to a Canadian stock exchange.

This report includes reviews of the geology, mineralization, past production and exploration history of adjacent areas, and recommends a program of further work to fully evaluate the mineral potential of the Tagish Lake Project.

The report describes the property in accordance with the guidelines specified in National Instrument 43-101 and is based on historical information, field work conducted on, or supervised by, Mr. Nicholas Clive Aspinall, P.Eng. for Blind Creek Resources Limited of Atlin British Columbia during short periods of field work in 2005, 2008, 2009 and 2010 (*Aspinall, 2010*), and an examination and evaluation of the property by the author on July 27, 2010 for Blind Creek Resources Limited of Vancouver, British Columbia, accompanied by Clive Aspinall, P.Eng. Helicopter services to the property were provided by Discovery Helicopters Limited of Atlin, B.C. Figures 2-17 in this report are primarily from Aspinall (2010), prepared by Anke Woodsworth of Terracad GIS Services Limited.

### **2.2 Terms, Definitions and Units**

All costs contained in this report are denominated in Canadian dollars. Distances are primarily reported in metres (m) and km (kilometers) and in feet (ft) when reporting historical data. The annotation 060°/70°SE refers to an azimuth of 060 degrees, dipping 70 degrees to the southeast. GPS refers to global positioning system with co-ordinates reported in UTM grid, Zone 8, Nad 83 projection. Minfile showing refers to documented mineral occurrences on file with the British Columbia Geological Survey. DDH refers to diamond drill hole and ATV refers to all terrain vehicle.

The term ppm refers to parts per million, which is equivalent to grams per metric tonne (g/t) and ppb refers to parts per billion. The abbreviation oz/ton and oz/t refers to troy ounces per imperial short ton. The symbol % refers to weight percent unless otherwise stated.

Elemental abbreviations used in this report include gold (Au), silver (Ag), lead (Pb), zinc (Zn), copper (Cu), iron (Fe), arsenic (As), antimony (Sb), manganese (Mn), sulphide (S) and oxide (O). Minerals found on the Tagish Lake Project include pyrite (iron sulfide), tetrahedrite (CuFeAsS), sphalerite (zinc sulfide), galena (lead sulfide), chalcopyrite (copper, iron sulfide), molybdenite (molybdenum sulfide), and malachite and azurite (both hydrous copper carbonates).

## 2.3 Source Documents

Sources of information are detailed below and include the available public domain information and private company data.

- Research of Minfile data at <http://www.em.gov.bc.ca/Mining/Geolsurv/Minfile/default.htm> .
- Research of mineral titles at <http://www.em.gov.bc.ca/Mining/Geolsurv/MapPlace> and <http://www.mtonline.gov.bc.ca> .
- Review of company reports (*particularly Aspinall, 2010*) and annual assessment reports filed with the government at <http://199.247.132.58:8000/cgi-bin/gw/chameleon>.
- Review of geological maps and reports completed by the British Columbia Geological Survey or its predecessors (*particularly Mihalynuk, 1999*) and the Geological Survey of Canada.
- Published scientific papers on the geology and mineral deposits of the region and on mineral deposit types.
- The author has previous independent experience and knowledge of the regional area having worked throughout the belt for JC Stephen Explorations Ltd. in the early 1980's.
- Site visit on the property by the author on July 27, 2010, accompanied by Nicholas Clive Aspinall, P.Eng. of Atlin British Columbia, who supervised the 2005 and 2008 to 2010 exploration programs on the property.
- Review of prospecting notes and reports on the general area compiled by Mr. Keith Lumsden, (deceased), provided by Mr. Bill Barrett Sr of Carcross to Clive Aspinall.
- A review of pertinent news releases of Blind Creek Resources Limited and of other companies conducting work in the regional area.

## 2.4 Limitations, Restrictions and Assumptions

The author has assumed that the previous documented work on the property is valid and has not encountered any information to discredit such work. Two check samples were collected from the old adit in 2010 by the author and are consistent with the tenor of mineralization previously reported, but do not constitute detailed quantitative check analyses.

## 2.5 Scope

This report describes the geology, previous exploration history and mineral potential of the Tagish Lake Project. Research included a review of the historical work that related to the immediate and surrounding area of the property. Regional geological data and current exploration information have been reviewed to determine the geological setting of the mineralization and to obtain an indication of the level of industry activity in the area. The property was examined and evaluated by the author on July 27, 2010 for Blind Creek Resources Limited, the registered owner of the property. Previous work by Blind Creek Resources Limited consisted of geological mapping, prospecting, rock and minor reconnaissance conventional and MMI soil geochemistry, and a limited ground magnetic survey (*Aspinall, 2010*).

Based on the literature review, property examinations and review of the data and results from the 2005 to 2010 exploration programs, funded by Blind Creek Resources Limited recommendations are made for the next phase of exploration work. An estimate of costs has been made based on current rates for drilling, geophysical surveys and professional fees in British Columbia.

## 2.0 RELIANCE ON OTHER EXPERTS

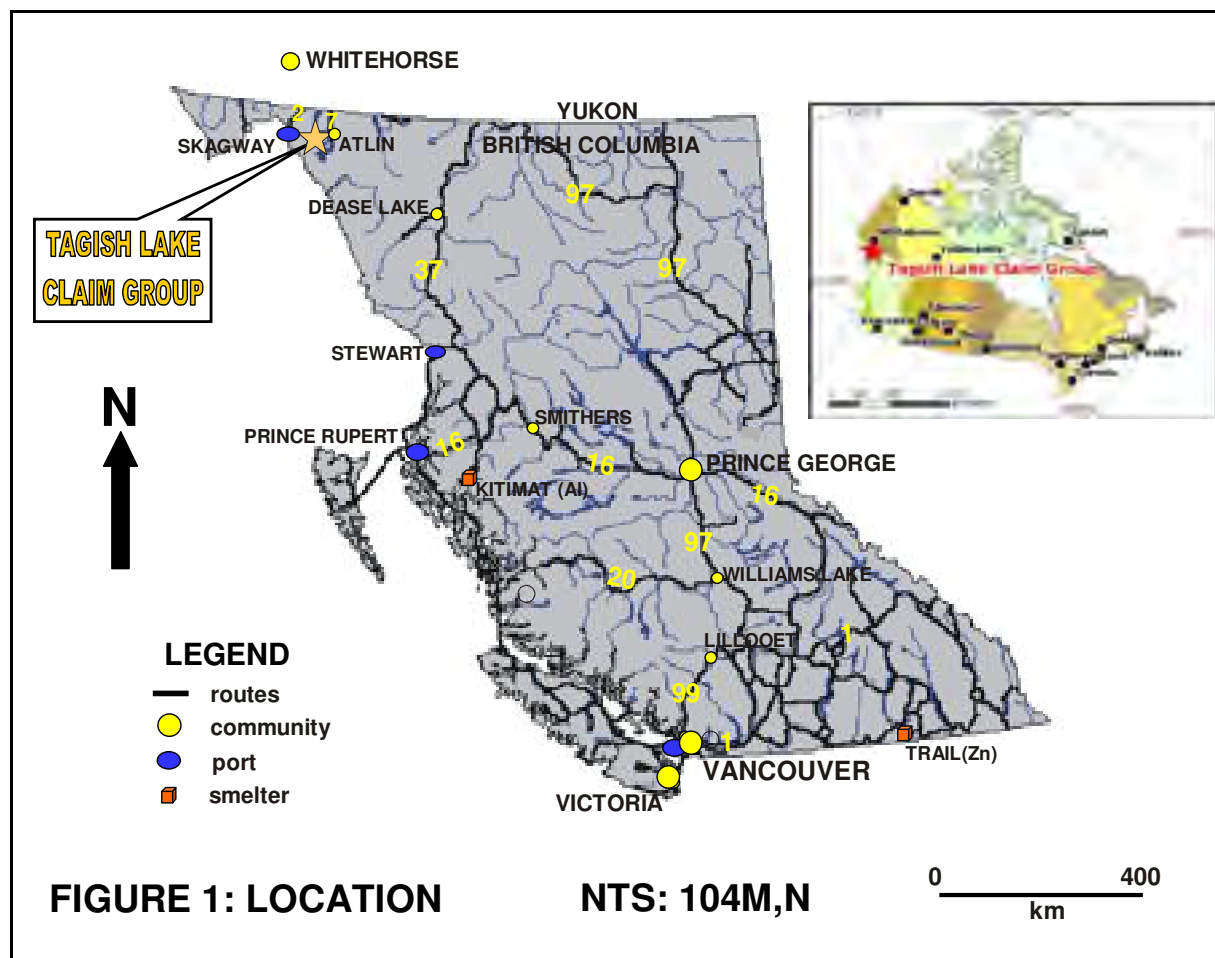
The author has relied in part upon work and reports completed by others in previous years in the preparation of this report. Although the author personally collected samples to verify the tenor of mineralization exposed on the property, thorough checks to confirm the results of such prior work and reports have not been done. The author has no reason to doubt the correctness of such work and reports. Unless otherwise stated the author has not independently confirmed the accuracy of the data.

Further, while claim data, title documents and option agreements were reviewed for this study, this report does not constitute nor is it intended to represent a legal, or any other, opinion as to the validity of the title and exact size of the claims.

## 4.0 PROPERTY DESCRIPTION AND LOCATION (Figure 1)

### 4.1 Location

The Tagish Lake Project, NTS map sheets 104M/8 & 9, 104N/5 & 12, is located 15-35 km west of the community of Atlin in northwestern British Columbia, approximately 180 km by road southeast of Whitehorse, Yukon Territory via the Alaska Highway and Hwy 7. The main work on the property is centered at a latitude of 59°27'N and a longitude of 134°15.5'W.





## 4.2 Land Tenure (Figures 2 to 9)

The Tagish Lake Project consists of 188 contiguous mineral claims covering an area of 67,055.902 hectares in the Atlin Mining Division (*Figure 2*). The registered owner of all claims is Blind Creek Resources Limited of Vancouver, British Columbia. All claims were staked in accordance with Mineral Titles Online on NTS map sheets 104M/8 & 9, 104N/5 & 12, available for viewing at <http://www.mtonline.gov.bc.ca> and have not been legally surveyed. Current work was completed on tenure numbers 525258, 526505, 597524 and 597540. A detailed statement of claims comprising the Tagish Lake mineral claim group is shown in Appendix I and a table summarizing pertinent claim data for the Wann River portion, where current work has been concentrated, follows.

**TABLE 1: Claim data Wann River Project area**

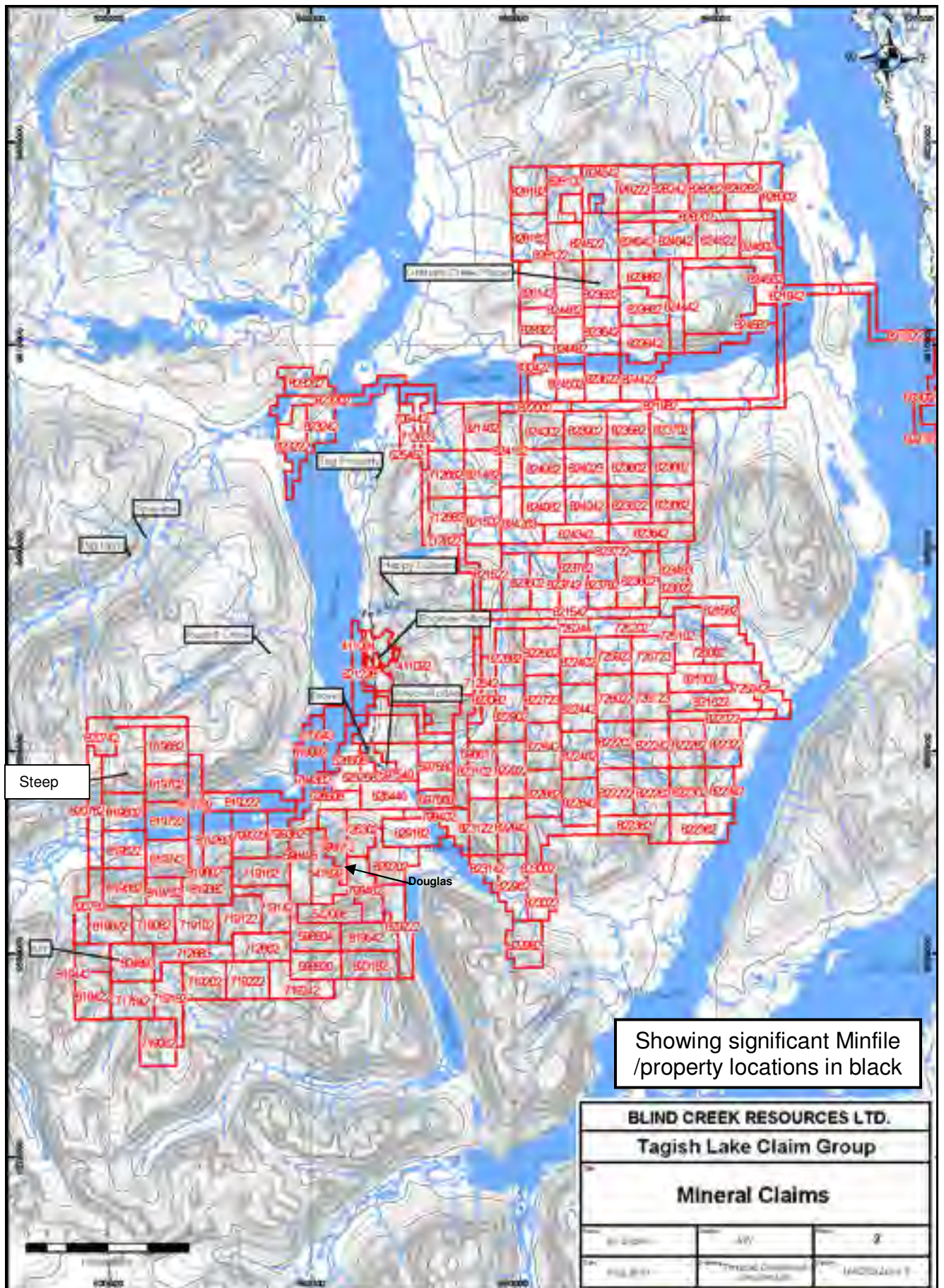
| Claim Name            | Tenure No. | Owner No. | Issue Date  | Expiry Date | Area (ha)       |
|-----------------------|------------|-----------|-------------|-------------|-----------------|
| Whine                 | 525258     | 203166*   | 2006/jan/13 | 2011/may/01 | 115.223         |
| Tagish 5              | 526505     | 203166*   | 2006/jan/27 | 2011/may/01 | 362.126         |
| Tagish 6              | 526506     | 203166*   | 2006/jan/27 | 2011/may/01 | 345.866         |
| Tagish #1             | 525419     | 203166*   | 2006/jan/14 | 2011/may/01 | 197.403         |
| Lower Engineer 1      | 597524     | 203166*   | 2009/jan/14 | 2011/may/01 | 394.9014        |
| Lower Engineer 2      | 597540     | 203166*   | 2009/jan/14 | 2011/may/01 | 411.5329        |
| Wann #1               | 675643     | 203166*   | 2009/nov/27 | 2011/may/01 | 296.1937        |
| Tagish Lake Southwest | 794302     | 203166*   | 2010/jun/17 | 2011/jun/17 | 148.2057        |
| <b>TOTAL</b>          |            |           |             |             | <b>2,271.45</b> |

\* 203166: Blind Creek Resources Limited

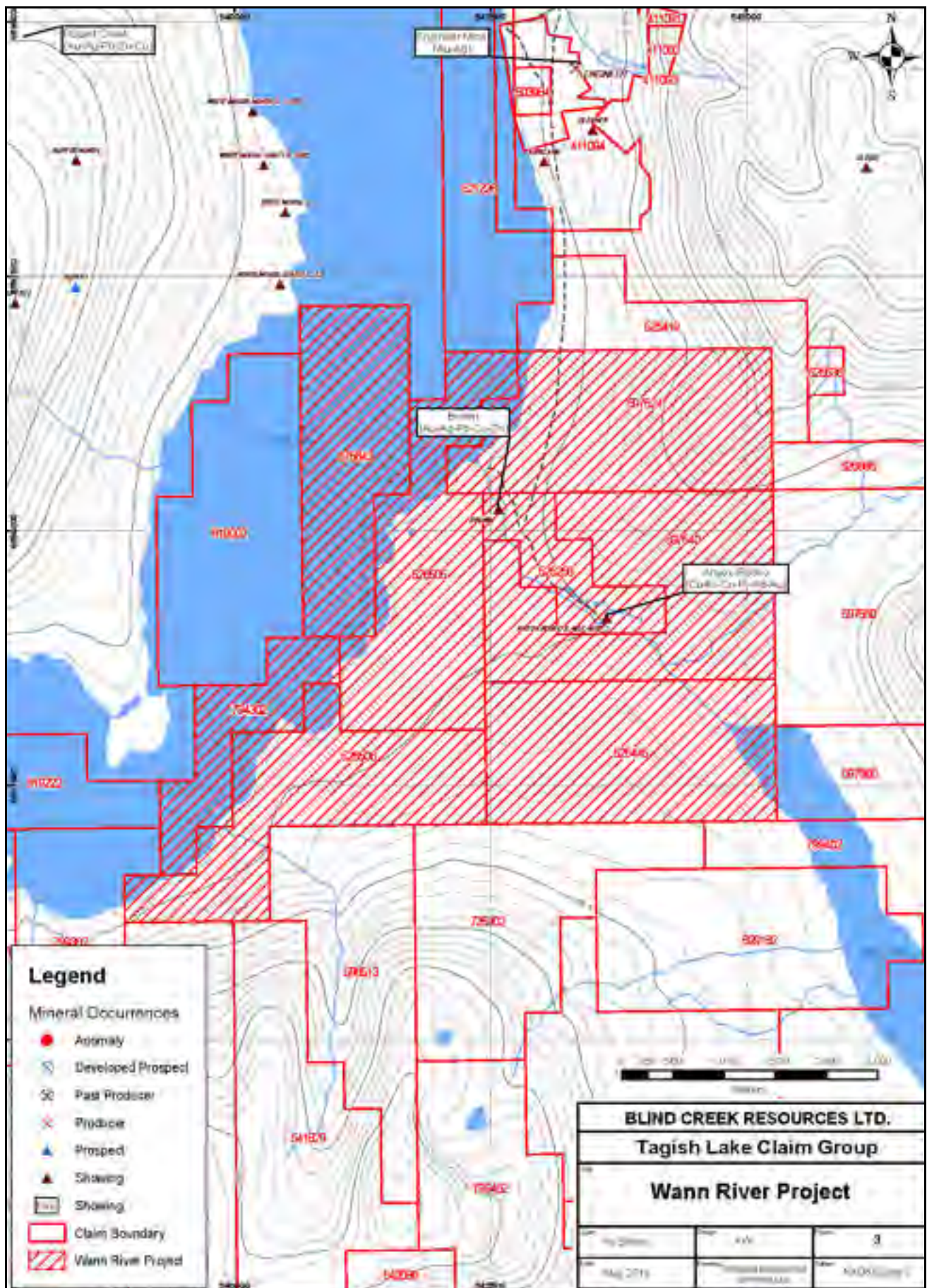
The Tagish Lake Project has been subdivided into five separate blocks, shown in detail on the associated figures, covering prospective gold-silver zones: Wann River (*Figure 3*), Edgar - Nelson Lakes Llewellyn Fault Zone Extension (*Figure 4*), Mt. Switzer - Ben My Chree Zone (*Figure 5*), Torres - Graham - Golden Gate Zone (*Figure 6*), and Engineer (*Figure 7*).

The claims are located within the Traditional Territories of the Carcross/Tagish and Taku River Tlingit First Nations as identified in the Statements of Intent of the First Nations. The land in which the mineral claims are situated is Crown Land. The mineral claims fall under the jurisdiction of the British Columbia Government. Three mineral reserves occur in the Tagish Lake Project. Mineral Reserve Number 1004762 covers a portion of the Edgar - Nelson Lakes Llewellyn Fault Zone Extension, approximately 2 km southeast of the Wann River area, and Mineral Reserve Numbers 1004742 and the southwest edge of 1004802 cover a portion of the Torres - Graham - Golden Gate Zone (*Figure 9*). Compensation for the loss of the claim area is generally negotiated with the British Columbia government. Atlin Park borders the Torres - Graham - Golden Gate Zone on the south.

One deeded parcel of land (DL4360), with a small cabin and a 2 km access road from Tagish Lake is located within the Wann River area (*Figure 8*). The parcel pertains only to surface rights and not mineral title (*Aspinall, 2010*). All other surveyed parcels of land shown without a number designation on Figure 8 have expired and pose no conflict to mineral claim titles (*Aspinall, 2010*).



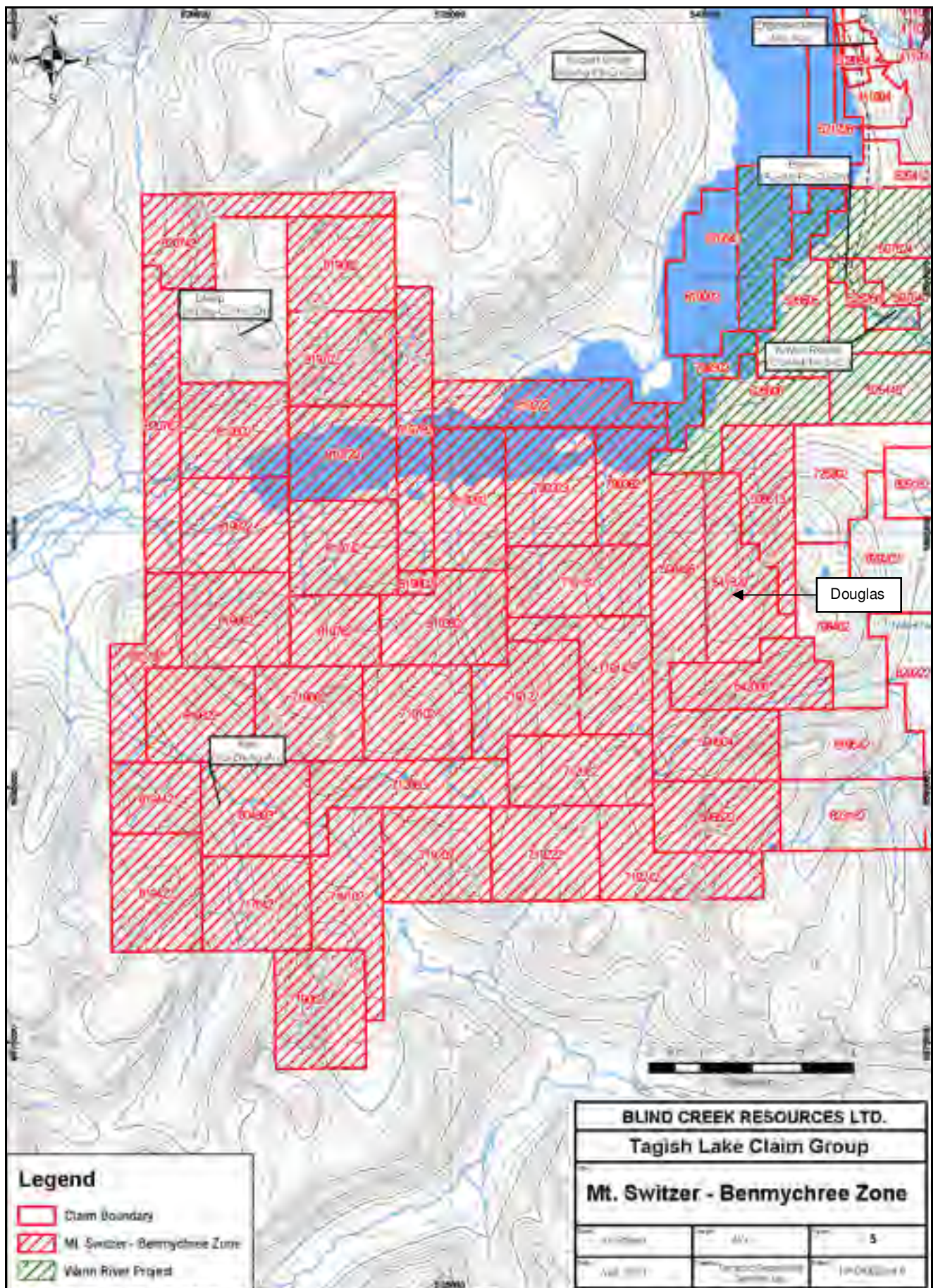




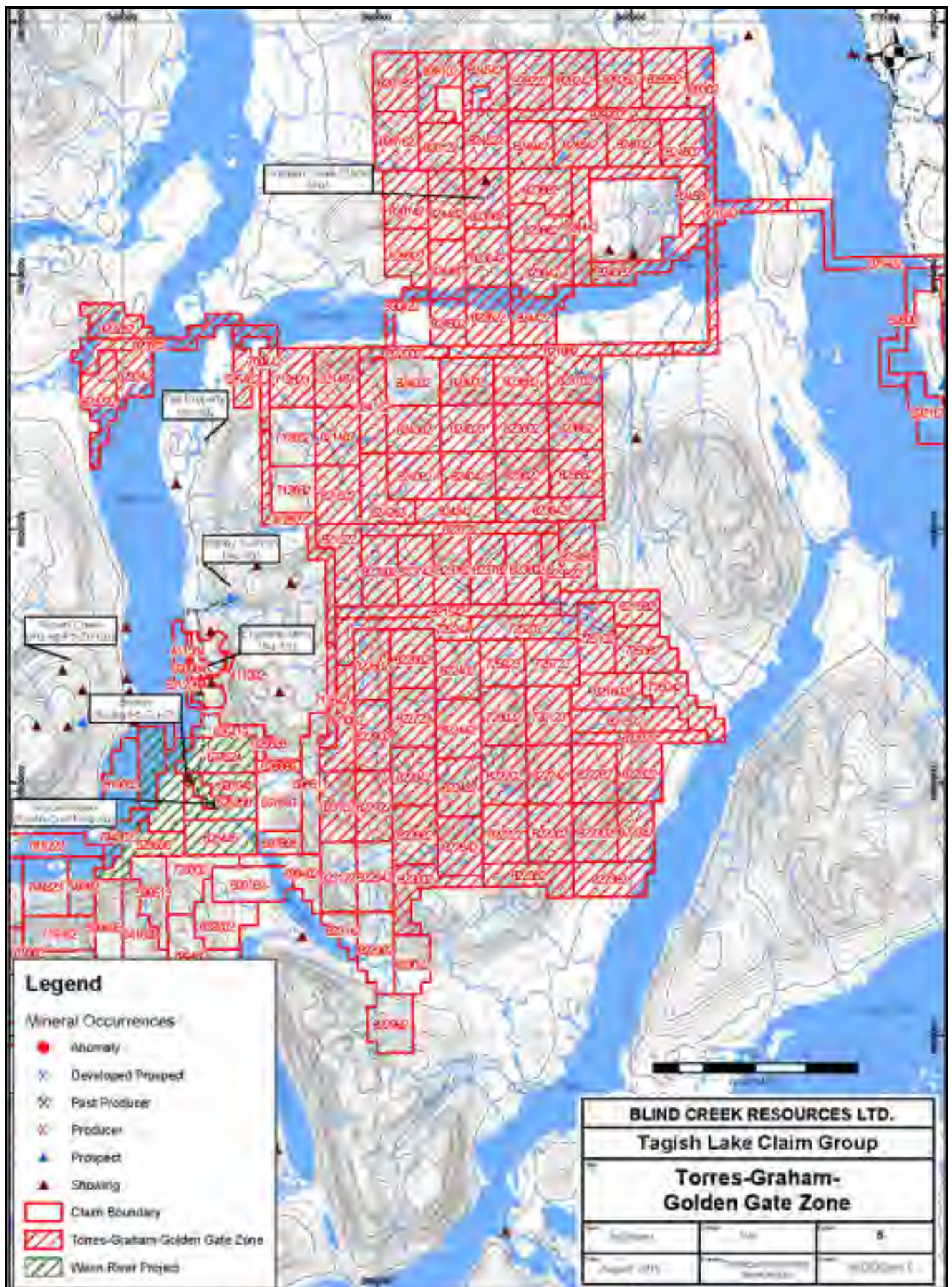




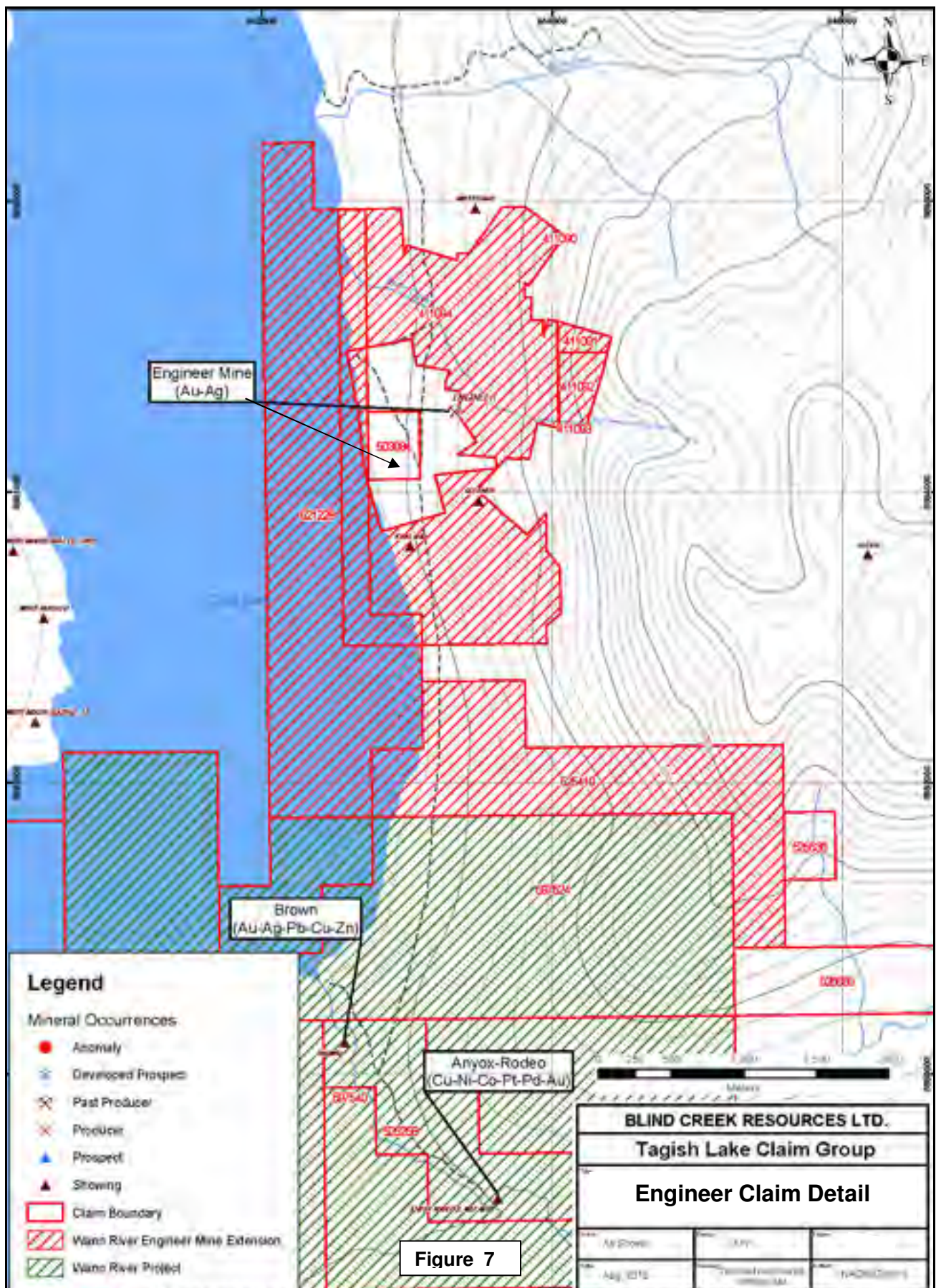




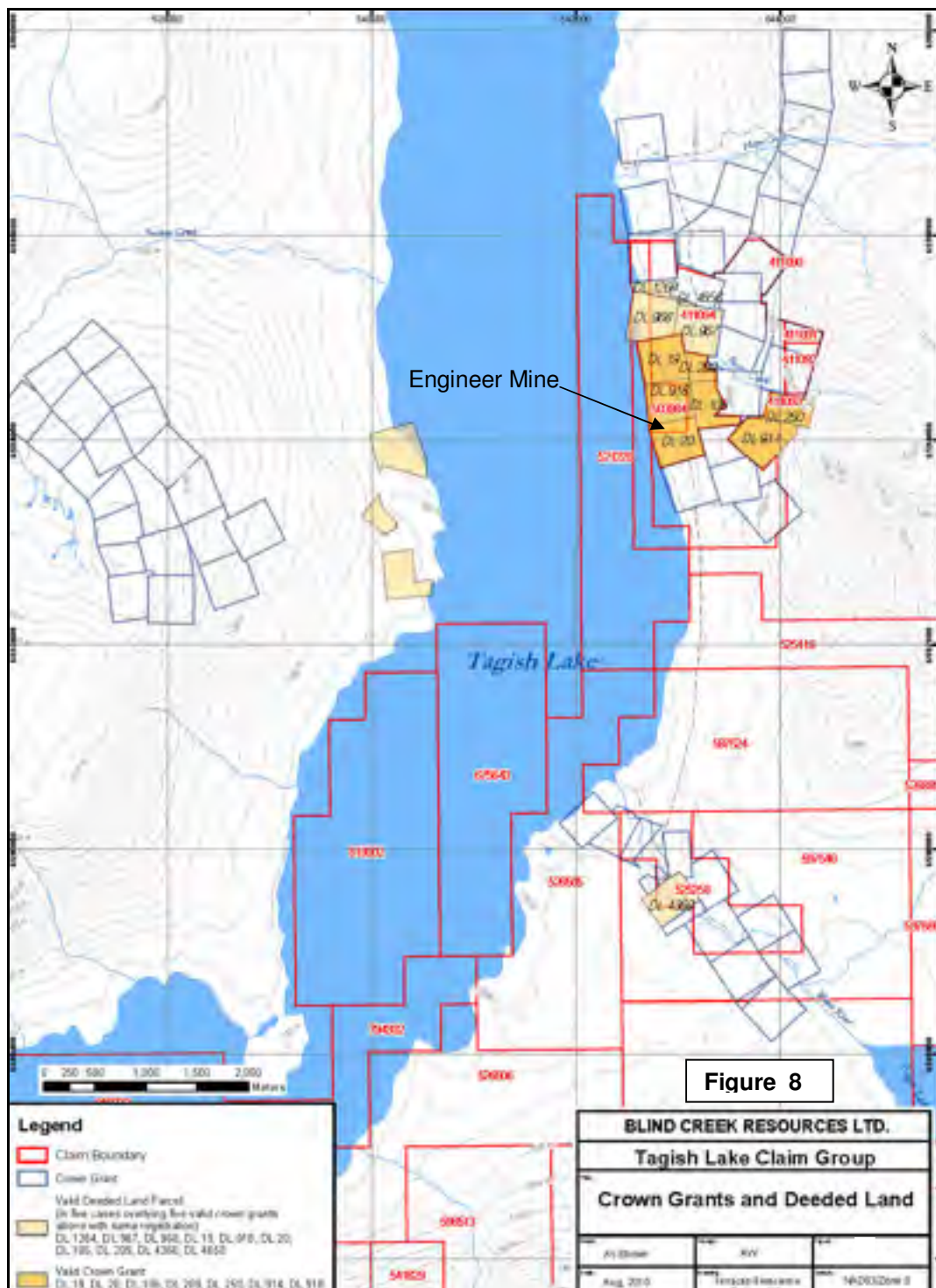




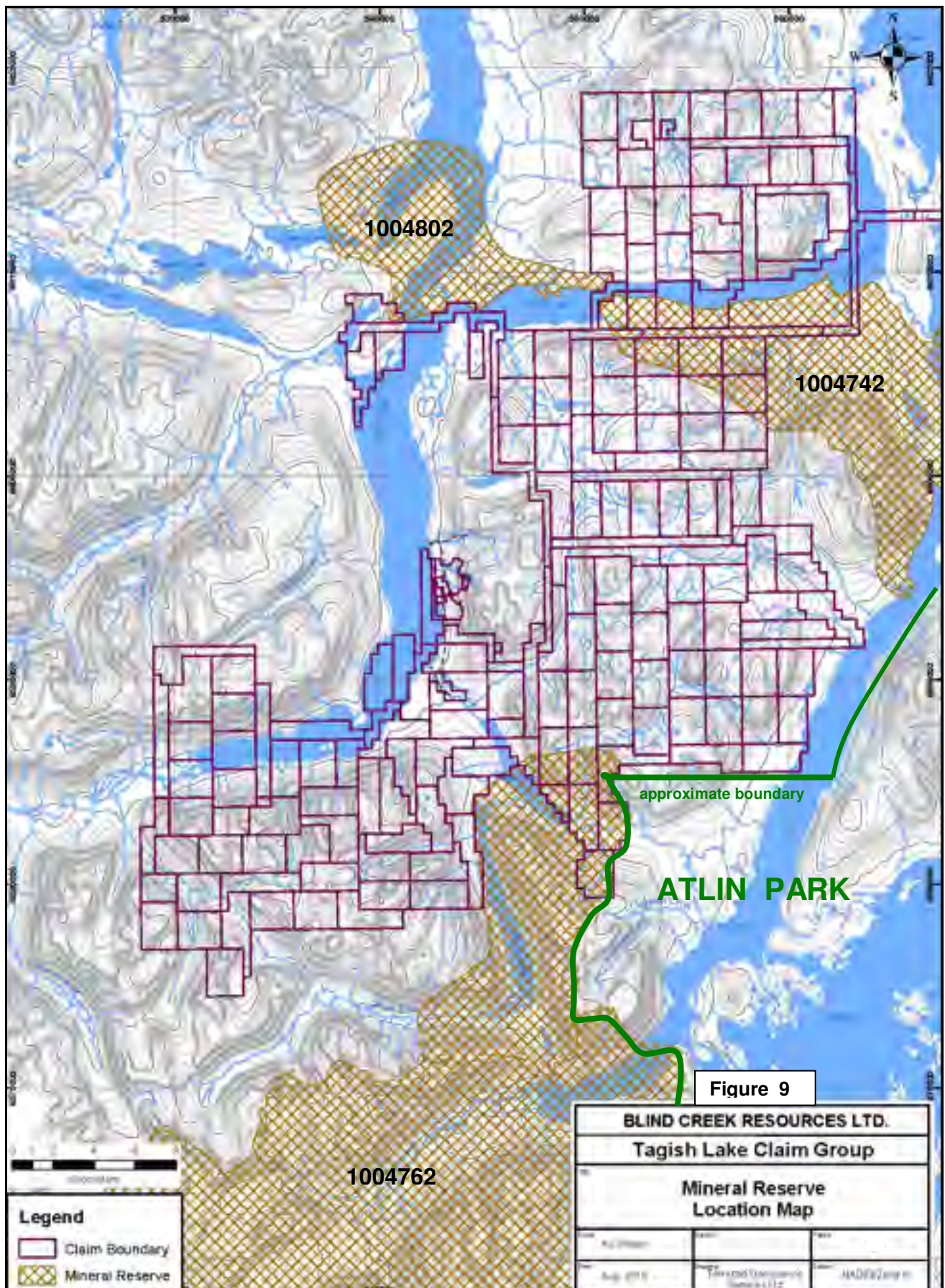




The Engineer portion of the Tagish Lake Project excludes the Engineer Mine property consisting of 76.76 hectares held by BCGold Corp, Vancouver British Columbia. The mine tenure comprises five deeded land parcels that precisely overlie five crown grants, DL 19, DL 200, DL 918, DL 106 and DL 20 (*Figure 8*). Two other crown grants, DL 250 and DL 914, are located southeast of the Engineer Mine and are also excluded from the project (*Aspinall, 2010*). Three other deeded parcels of land, DL1264, 967 and 968 occur within the Engineer portion of the Tagish Lake Project (*Figure 8*). The parcels pertain only to surface rights and not mineral title (*Aspinall, 2010*).







Certain types of exploration activity require a Mines Act Permit, issued by the British Columbia Government, prior to conducting work on a mineral property. The proposed helicopter supported drill program on the Wann River area requires a permit, which has been obtained (*Aspinall, 2010*). Other permits governed by laws and regulations pertaining to development, mining, production, taxes, labour standards, occupational health, waste disposal, toxic substances, land use, environmental protection, mine safety and other matters, may be required as the project progresses.

To the author's knowledge the Tagish Lake property area is not subject to any environmental liability.

## **5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY**

### **5.1 Access, Local Resources and Infrastructure**

The project area is accessible by helicopter, float plane or boat from Atlin, located 15-35 km to the east, or alternatively by boat or barge from the communities of Tagish and Carcross, located 90 km to the north. During winter months the property is easily accessible from Atlin by skidoo, provided lake ice is firm. Atlin is located approximately 180 km by road southeast of Whitehorse, Yukon Territory via the Alaska Highway and Highway 7. The communities of Tagish and Carcross are connected to the Alaska Highway by road, and Carcross is connected to Skagway, Alaska, an all season port, by both road and railroad.

In the Wann River area one good 1.5 km ATV trail is present on the east side of the Wann River, leading from Tagish Lake to an old dam site (*Figures 2 and 3*). Suitable camp locations exist along the shore of Tagish Lake with the recent camp situated at 6590367mN, 542031mE. A walking trail was established from the camp to the vein occurrences along the west side of the Wann River. There are six cabins in the lower Wann River area and a trailer camp and dock at the Engineer Mine on the east shore of Tagish Lake (*Aspinall, 2010*).

Atlin is the closest town, with a population of approximately 400. Facilities include an airstrip, helicopter service, grocery stores, health centre, police station, a service station, post office, accommodation and restaurants. Some heavy equipment and a small mining oriented labour force are available for contract mining work. Complete services are available in Whitehorse, approximately 2 hours by all-weather highway, 180 km northwest of Atlin (*Figure 1*).

## 5.2 Physiography, Climate and Infrastructure

The Tagish Lake Project generally covers an area between Tagish and Atlin Lakes within northwestern British Columbia (*Figure 1*). It includes the Wann River valley, where the majority of the work has been concentrated, between Tagish Lake and Edgar Lake along the southeast shore of Tagish Lake. The topography is gentle (*Figure 2*). Elevations range from about 700m above sea level (ASL) along Tagish Lake to 1450m in the northeastern property area. Lower elevation slopes, below treeline at 1100 to 1400m ASL, are forested with lodge-pole pine, spruce, balsam and cottonwood trees with sparse hemlock. Outcrop is sparse, except along the Wann River, but amounts to less than 1%.

In the Wann River area water is available from the Wann River, a fast flowing river once studied as a possible site for a hydroelectric development (*Figures 2 and 4*). Elevation of Tagish Lake at the northwest end of the Project area is 656m ASL, while Edgar Lake 2.5 kilometres to the southeast is 765m, a difference of 109m. The lower section of Wann River drains from Edgar Lake into Tagish Lake, and is extremely fast flowing, even grading to rapids in part of its course. Ling cod, but no salmon, lake trout, grayling or other sport fish are reported in Edgar and Nelson Lakes. Tagish Lake contains lake trout and grayling, but is not salmon bearing. (*Aspinall, 2010*).

The project area lies within the Tagish district of northwestern British Columbia with long, cold winters and short, mild to cool summers. Due to proximity to the Boundary Ranges, the area is strongly influenced by coastal weather systems and attendant higher precipitation patterns. Summers are moderately cool to hot, with average temperatures of 5°C to 18°C. Winters are cold, with average temperatures of -11 (high) to -20°C (low). The exploration season lasts from mid May until October. "Boating on Tagish Lake can be hazardous and should only be undertaken by persons with experience in operating large boat craft." (*Aspinall, 2010*).

Although there does not appear to be any topographic or physiographic impediments, and suitable lands appear to be available for a potential mine, including mill, tailings storage, heap leach and waste disposal sites, engineering studies have not been undertaken and there is no guarantee that such areas will be available within the subject property. The nearest source of hydroelectric power is Atlin, British Columbia, which commenced production in April, 2009.

## 6.0 HISTORY

The Tagish Lake Project lies proximal to the historic Engineer gold mine of BCGold Corp., reportedly discovered in 1899 by engineers surveying a possible southern route for the White Pass and Yukon Railway (*Mihalynuk, 1999*). The Kirkland (now part of the Tagish Lake Group) and the Gleaner groups of mineral claims (partly within the Tagish Lake Group) were subsequently staked adjacent to the Engineer Mine (*Minister of Mines, 1913*).

The Kirkland group (also referred to as Kirtland) consisted of six mineral claims owned by Captain W. Hawthorn, R.N. and Thomas Kirkland of Atlin. Two shallow shafts (3 and 4m) were sunk directly south of the present Engineer Mine property on veins, trending NE/88°NW and 023°/76°SE, resembling those at the Engineer Mine (*Minister of Mines, 1914*). Some gold was reported (*Minister of Mines, 1914*). The Gleaner group consisted of three mineral claims and a fraction, situated on the east side of the Engineer Mine (*Minister of Mines, 1914*). Five veins were reported that showed small amounts of native gold, pyrite and iron oxide (*Cairnes, 1913*).

Seven Minfile occurrences are documented by the British Columbia Geological Survey on the Tagish Lake Project, which include the Kim showing (Minfile Number 104M 063) in the southwestern property area, the Douglas showing (Minfile Number 104M 092), in the southern property area, the Kirkland showing (Minfile Number 104M 015) and part of the Gleaner prospect (Minfile Number 104M 016), both proximal to the Engineer Mine, the Graham Creek placer (Minfile Number 104M 023), and upstream extent, in the northern property area and the Brown polymetallic vein showing (Minfile Number 104M 026) and the copper-nickel-platinum-palladium Anyox-Rodeo prospect (Minfile Number 104M 017) within the Wann River area.

An old adit is exposed at the Brown polymetallic vein showing on the southwest side of the Wann River at 6590036mN, 542629mE, Nad 83, Zone 8 projection. Two adits and a pit are documented at the copper-nickel-platinum-palladium Anyox-Rodeo showing (*Cathro, 1968*). Two adits and several trenches occur on the Gleaner prospect and two shafts and several trenches on the Kirkland showing in the Engineer portion of the property.

The work completed by various operators as documented in British Columbia Minfile, various government publications of the British Columbia Geological Survey or its predecessors and the Geological Survey of Canada and company publications (primarily available as assessment reports filed with the government), is tabulated below.

- |          |   |
|----------|---|
| 1913-14? | Excavation of shafts at Kirkland showing and adits at Gleaner on veins similar to that of the adjacent Engineer Mine with some gold reported ( <i>Minister of Mines, 1913-14</i> ).   |
| 1918-20? | At the Brown showing a 10m adit was driven "...showing two seams of quartz carrying galena and blende" ( <i>Minister of Mines, 1918</i> ). An open cut above the adit exposes quartz mineralized with galena sphalerite and freibergite and a number of open cuts along the shore (Lum trenches) expose small, discontinuous veins of quartz ( <i>Minister of Mines, 1918</i> ). Possible excavation of the adits and pit on Anyox-Rodeo showing. |
| 1965-66  | Four showings were discovered by Falconbridge Nickel Mines Limited, two copper and one lead-zinc skarn occurrences and a chalcopyrite bearing vein/fracture filling in the Kim showing area ( <i>Chateris, 1966</i> ). Sampling of  |



chalcopyrite and quartz with malachite staining at the Kim showing, in one of several poorly exposed shear zones hosted by granodiorite, returned 109.7 g/t Ag, 0.7 g/t Au and 4.0% Cu from a 30 to 50 piece sample across 4.5 to 6m (*McDougall, 1966*).

- 1968      Program of linecutting and a 11 line km magnetic and electromagnetic geophysical survey on the Brown and Anyox-Rodeo showing areas by Idaho Silver Mines Ltd., identifying significant anomalies (*Cathro, 1968*).
  
- 1980      Geological mapping, geochemical sampling and diamond drilling of 306m in 3 holes on Gleaner showing area, by Windarra Minerals Limited under option from Mr. K. Lumsden, with maximum results of 1.0 g/t Au, 8.7 g/t Ag over 11.7m, including 2.1 g/t Au, 44.6 g/t Ag over 1.7m in DDH 80-1 (*Morgan, 1981*).
  
- 1993      Prospecting, trenching, rock sampling, 3.5 line km of grid, preliminary VLF-EM survey, adit rehabilitation, mapping and sampling, and a geological investigation on Gleaner showing area, held by Mr. K. Lumsden (*Brownlee, 1993*).
  
- 1993      Road building and trenching program on Kirkland showing area, held by Mr. K. Lumsden (*Brownlee, 1993*). Results could not be located.

## 7.0 GEOLOGICAL SETTING

### 7.1 Regional Geology (Figures 10 to 12)

The BC Geological Branch completed 1:100,000 scale mapping in the Tagish Lake area in the 1990's. The regional geology below is summarized from this mapping (*Mihalynuk, 1999*).

The Tagish Lake Project is situated at the boundary between the north-northwest trending Coast Plutonic Belt in the west and the Intermontane Belt in the east. The Coast Intrusions are mainly the result of Late Cretaceous and Tertiary tectonism and magmatism.

Two crustal scale sub-parallel northwest trending faults, transect the Tagish Lake Project, the Nahlin Fault Zone in the northeastern property area and the Llewellyn Fault Zone (LFZ) through the Wann River and Edgar - Nelson Lakes - Llewellyn Fault Zone Extension portions of the project area. The faults are grossly coincident with terrane boundaries and appear to have been intermittently active from Late Triassic into Tertiary time.

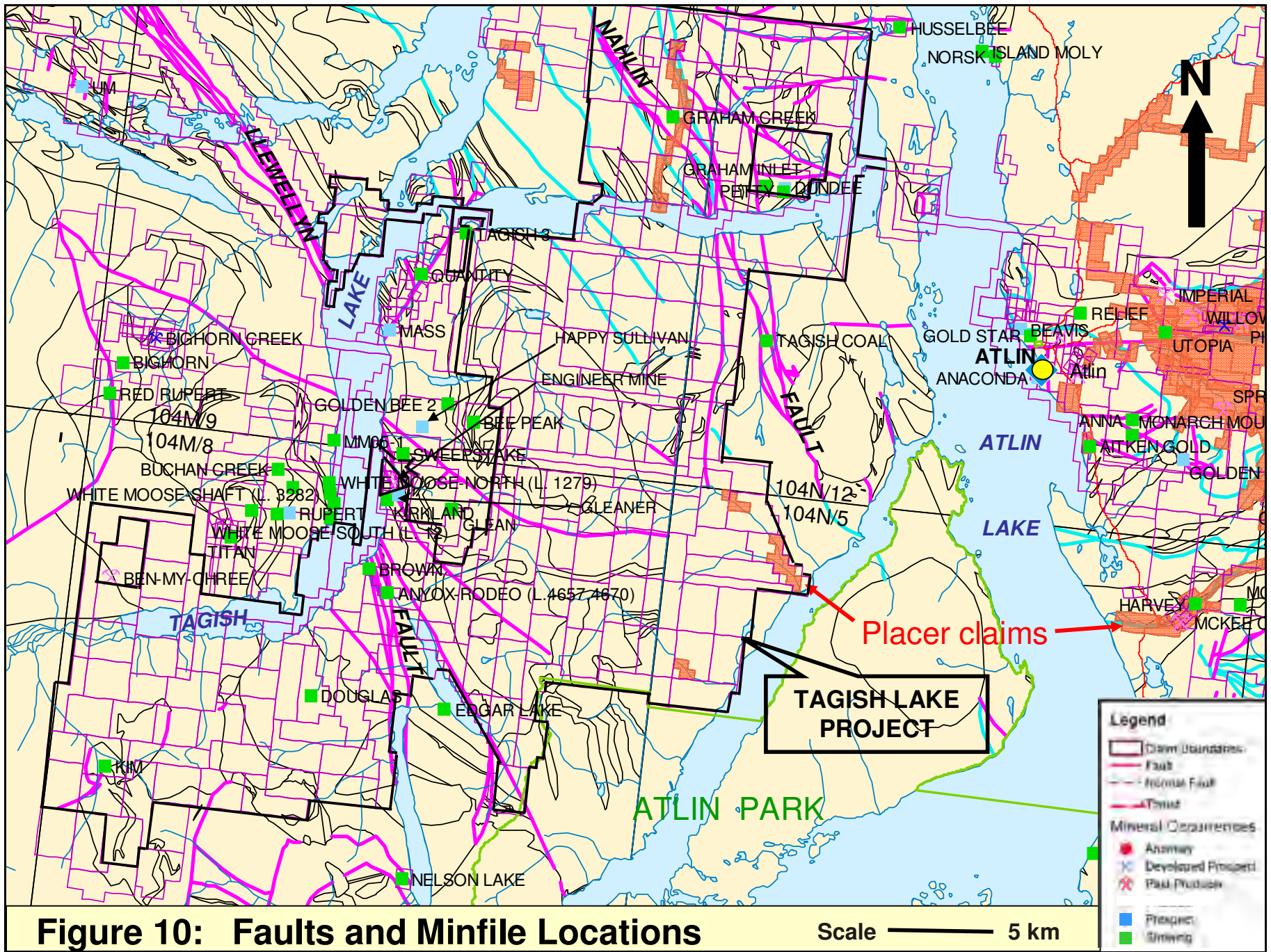
Weakly metamorphosed, Carboniferous to Triassic oceanic plateau remnants of the northern Cache Creek Terrane occur to the east of the Nahlin Fault Zone and are exposed in the northeast portion of the Torres-Graham-Golden Gate Zone of the Tagish Lake Project. Triassic arc, clastic arc apron, and overlying Jurassic basinal sedimentary strata of the Whitehorse Trough occur between the faults and underlie the Engineer, eastern Wann River and most of the Torres-Graham-Golden Gate portions of the project area. Two suites of metamorphic rocks of the Yukon-Tanana Terrane occur to the west of the Llewellyn Fault Zone, a pre-Mississippian, siliciclastic succession of pericratonic origin, and a Devonian to Permian suite correlative with volcanic arc strata of the Stikine Terrane. Rocks of the Yukon-Tanana Terrane are exposed in the Wann River, Mt. Switzer - Ben My Chree and Edgar - Nelson Lakes - Llewellyn Fault Zone Extension portions of the Tagish Lake Project.

The above lithologies are intruded by Late Cretaceous to Tertiary bodies of the Coast Plutonic Complex and intruded and overlain by Eocene plugs, dykes and associated volcanic rocks and basal coarse clastic sedimentary rocks of the Sloko Group.

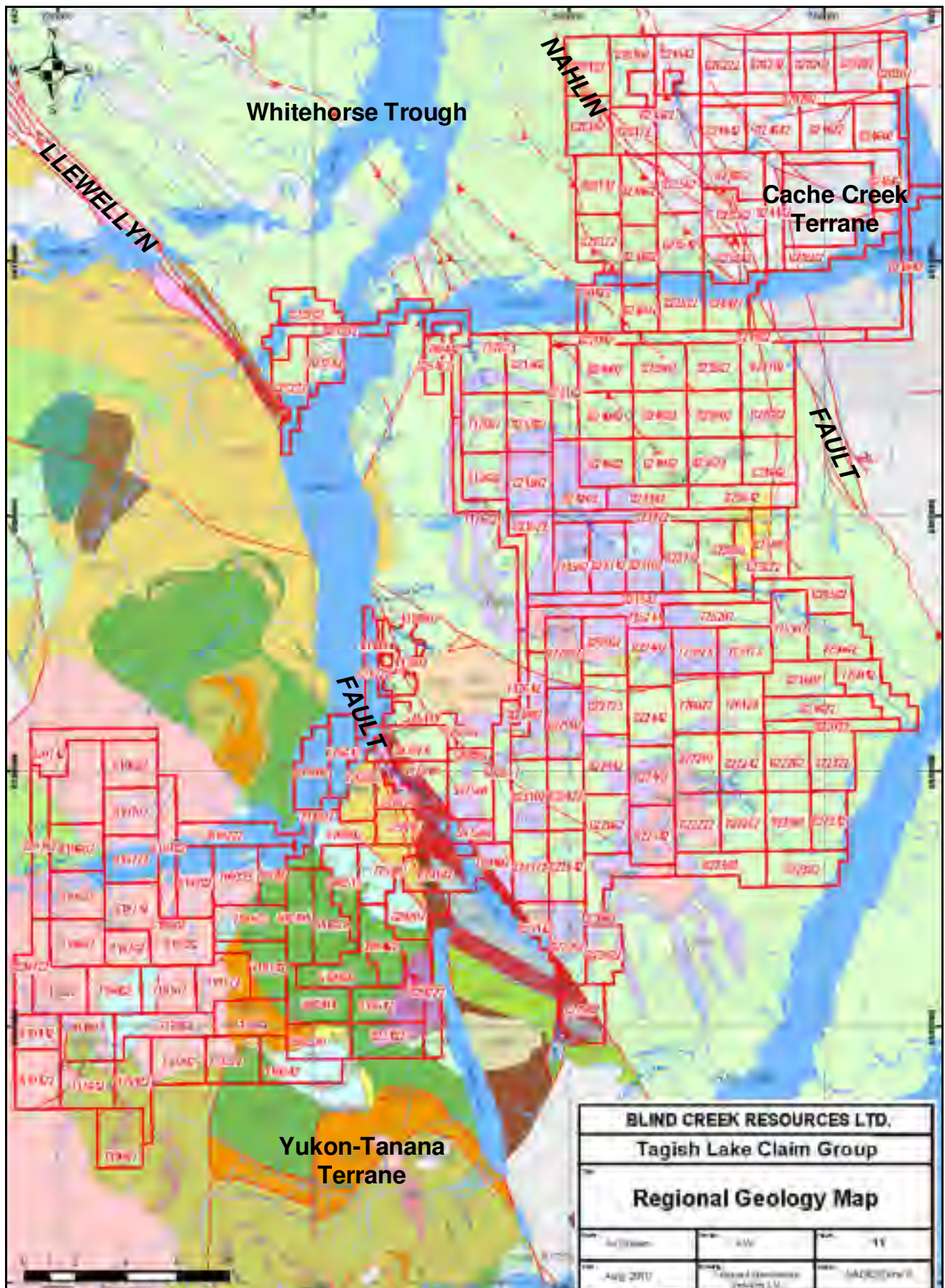
The dominant structural feature within the project area is the Llewellyn Fault Zone, a system of northwest trending, steeply northeast dipping structures. In British Columbia the Llewellyn Fault Zone is a locally discrete, near vertical structure tens of metres wide, up to a maximum of one to three km with lithologies commonly silicified, argillically altered, and pervasively cleaved within the fault zone commonly with ductile deformation fabrics (*Mihalynuk, 1999*).

Mineralization within the Tagish Lake area is intimately associated with volcanic centres of the Sloko Group and Llewellyn fault-linked structures. Examples include the past producing Engineer gold-silver Mine, the Teepee Peak gold prospect, located northwest of Tagish Lake, and the past producing Skukum gold-silver mine in the southern Yukon. (Mineralization at Skukum is also related to deep fault structures). The regional faults and Minfile locations are outlined on Figure 10, showing a concentration of Minfile occurrences along the Llewellyn Fault Zone. A belt of anomalously high regional gold-arsenic and antimony geochemistry extends the length of the Tagish Lake area, coextensive with the crustal scale Llewellyn Fault (*Mihalynuk, 1999*).

Potential exists within the Tagish Lake Project for epithermal gold-silver (Engineer Gold Camp), polymetallic vein (Ben-My-Chree), gold quartz vein (potential in Graham Creek area), copper skarn (Whitehorse Copper) and gold skarn (TP in northern Tagish region) deposits. There is also potential for Kuroko-style volcanogenic massive sulphide mineralization (such as at Tulsequah Chief) within the Yukon-Tanana Terrane and copper-molybdenum-gold porphyry and gold-silver rich Eskay type shallow subaqueous hot spring mineralization within the Whitehorse Trough sections of the Tagish Lake Project.









## Legend

 Claim Boundary

### Fault Type

 Fault

 Normal Fault

 Thrust

 Quaternary Unit


### Eocene


#### Sloko Group

 ESog - Sloko Group conglomerate, coarse clastic sedimentary rocks

### Lower Jurassic

#### Laberge Group


 IJLst - Inkin Formation mudstone, siltstone, shale fine clastic sedimentary rocks


 IJLst - Inkin Formation argillite, greywacke, wacke, conglomerate turbidites

### Devonian-Triassic? (Mesozoic)

#### Boundary Ranges Metamorphic Suite


 DTrBR - Boundary Ranges Metamorphic Suite metamorphic rocks, undivided

 DTrBRgs - Boundary Ranges Metamorphic Suite greenstone, greenschist metamorphic rocks

 DTrBRlm - Boundary Ranges Metamorphic Suite limestone, marble, calcareous sedimentary rocks

### Late Triassic

#### Stuhini Group

 uTrSog - Stuhini Group conglomerate, coarse clastic sedimentary rocks


 uTrSst - Stuhini Group argillite, greywacke, wacke, conglomerate turbidites

 uTrSlm - Stuhini Group limestone, marble, calcareous sedimentary rocks

 uTrSs - Stuhini Group undivided sedimentary rocks

### Paleozoic

#### Florence Range Metamorphic Suite

 mDim - Unnamed limestone, marble, calcareous sedimentary rocks

 mDpg - Unnamed paragneiss metamorphic rocks


#### Wann River Gneiss

 FBRog - Boundary Ranges Metamorphic Suite orthogneiss metamorphic rocks

### Eocene: Sloko Group (Hyder Group)


#### Plutonic Suite

 PeEShqd - Sloko-Hyder Plutonic Suite quartz dioritic intrusive rocks

 PeEShgr - Sloko-Hyder Plutonic Suite granite, alkali feldspar granite intrusive rocks


 ESv - Sloko Group undivided volcanic rocks

 ESvb - Sloko Group basaltic volcanic rocks

 ESvf - Sloko Group rhyolite, felsic volcanic rocks


### Late Cretaceous to Tertiary

#### Coast Intrusions Windy Table Complex

 UKWqd - Windy Table Complex quartz dioritic intrusive rocks


### Cretaceous (Mesozoic?)

 EKgr - Unnamed granite, alkali feldspar granite intrusive rocks

 EKdr - Unnamed dioritic intrusive rocks

 EKto - Unnamed tonalite intrusive rocks

### Early Jurassic

 EJum - Unnamed ultramafic rocks

 EJAld - Aishihik Plutonic Suite granodioritic intrusive rocks

### Late Triassic

#### Stuhini Group

 uTrSv - Stuhini Group undivided volcanic rocks

 LTrStdg - Mesozoic - Stuhini Plutonic Suite monzodioritic to gabbroic intrusive rocks

 uTrSva - Stuhini Group andesitic volcanic rocks

 uTrSvb - Stuhini Group basaltic volcanic rocks

### Paleozoic

#### Devonian-Mississippian

 EMgr - Unnamed granite, alkali feldspar granite intrusive rocks

 DCqm - Unnamed quartz monzonitic intrusive rocks

## BLIND CREEK RESOURCES LTD.

### Tagish Lake Claim Group

Title:

## Legend to accompany Regional Geology Map

Scale:

As Shown

Graphic:

AWV

Figure:

12

Date:

Aug, 2010

Drawing:

Terracod Geoscience

Datum:

NAD83/Zone 8

## 7.2 Detailed Geology

### 7.2.1 Wann River (Figure 13)

Only a small portion of the Tagish Lake Project has been mapped in detail, covering 28 hectares of the 2,271.45 hectare Wann River area within the Tagish Lake Project. The following description of the geology is summarized from Aspinall (2010). The mapping covers an 800m long by 180m wide corridor striking at an azimuth of 160° from the Lum#1 trenches (trenches 1 and 2) on the southeast side of Tagish Lake to a showing on the southwest banks of the Wann River (River showing).

The corridor is 99% covered by glacial-fluvial tills in the low lands adjacent to the Wann River channel, with colluvial gravels observed along the eastern slopes of the channel. Low lying glacial fluvial morainal banks are present on the west side of the river in its lower sections. Thickness of overburden is estimated to be up to 5m. (*Aspinall, 2010*).

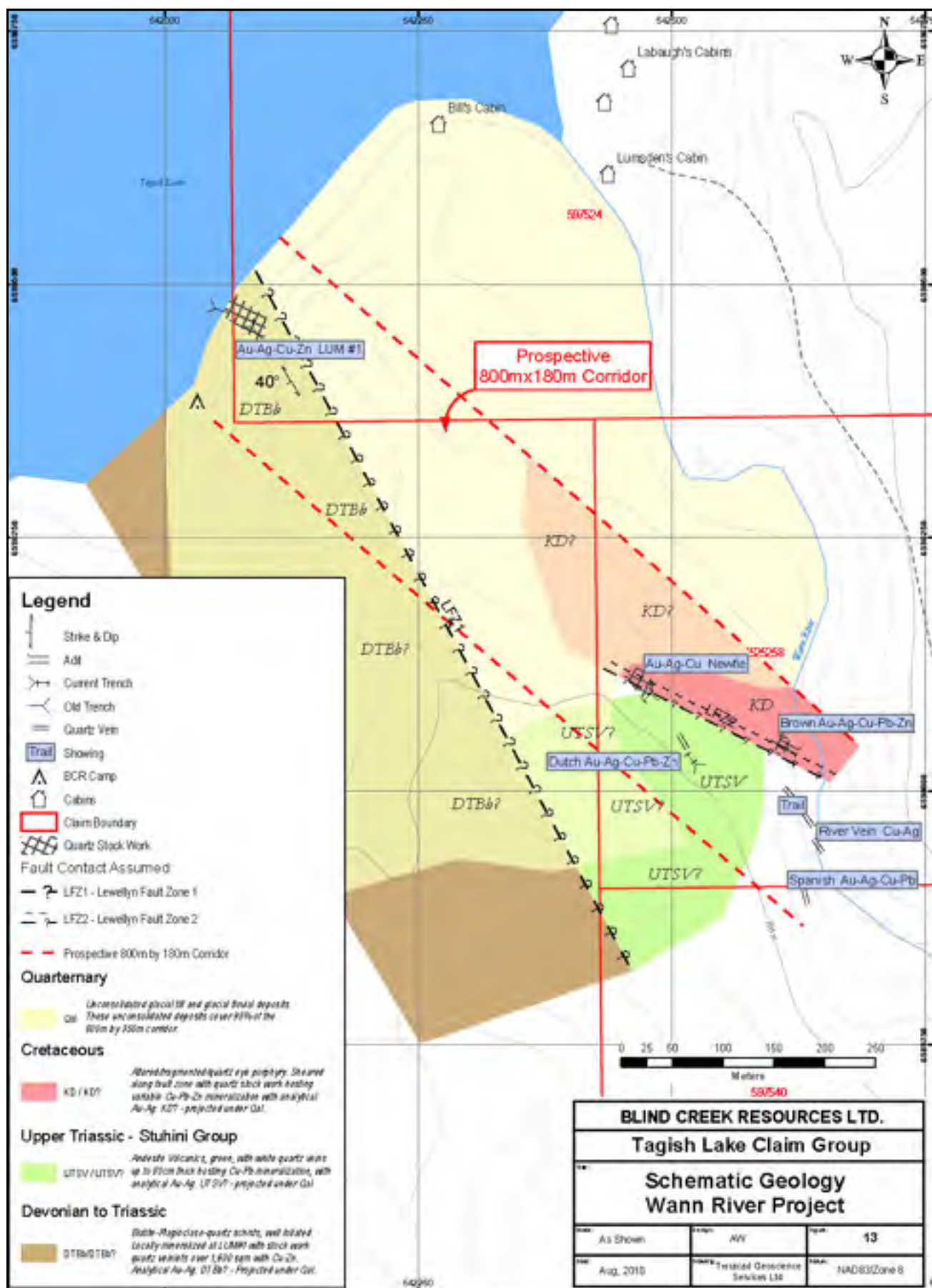
Outcrop and subcrop of Devonian to Triassic Boundary Range biotite-feldspar-quartz schist (**DTBG**) occurs for 300m along the southwest side of the corridor. This unit hosts the quartz vein stockwork exposed in the Lum #1 & 2 trenches. Immediately to the northeast, an assumed fault contact (**LFZ<sub>1</sub>**) with a northwest trending faulted panel of Upper Triassic Stuhini andesite (**UTSV**) hosts at least two separate, parallel, northwest trending mineralized quartz vein systems, the Trail - River Vein, and the Dutch Vein systems. Outcrops of Upper Triassic Stuhini andesite, (**UTSV**) are barely exposed above the vein systems.

A second assumed fault contact, (**LFZ<sub>2</sub>**) with a northwest trending panel of altered quartz eye porphyry is believed to be part of a Cretaceous diorite protolith (**KD**) (*Mihalynuk, 1999*) lies immediately to the northeast of this panel. Traces of Upper Triassic Stuhini andesite, (**UTSV**) are present on the southwest side of the shear in contact with the above intrusive. Within this KD panel is a shear zone 10m wide with an inner multi-quartz veined core zone 2m wide striking 110° having a variable near-vertical dip as seen at the Brown Showing. The Brown and the Newfie showings, 130m apart, appear to occur within the same rock type and shear zone.

All panels and fault contacts discussed above are part of the Llewellyn Fault Zone. The Devonian to Triassic Boundary Range biotite-feldspar-quartz schist (**DTBG**) forms the southwest boundary to the main Llewellyn Fault, although additional splay faulting to the southwest is expected.

### 7.2.2 Engineer (Figure 18)

The geology of the Engineer Gold Camp, which lies approximately 10 km east of the Cretaceous to Tertiary Coast Plutonic Complex, is well documented (*British Columbia Minfile, 2010*). The area is underlain by Lower Jurassic Laberge Group greywacke, shale, slate and argillite which host the vein systems and are folded into a syncline with a northwest trending fold axis. Sedimentary rocks on the west limb trend 120°/30-40°NE. Small granodiorite plugs outcrop west of Engineer Mountain and south of Bee Peak. Cretaceous or later (probably Sloko Group equivalent) rhyolites, trachytes and volcanic breccias form a 4 km subcircular volcanic cap or neck, preserved predominantly as a down-dropped block, to the east of the Engineer Mountain plug. Feldspar porphyry, trachyte, and andesite dykes occur in the vicinity of, and are reportedly offset by, the Engineer veins (*Figure 18*).



## 8.0 DEPOSIT TYPES

The 800 by 180m corridor within the Wann River portion of the Tagish Lake Project contains precious metal enriched multi-phase quartz veins and stockworks with minor associated base metal mineralization that appear to have features of the low sulphidation epithermal gold model. Reported vein mineralization on the Engineer portion of the Tagish Lake Project (Gleaner prospect and Kirkland showing), described as similar to the Engineer Mine, would have potential for the same deposit type as the Mine. Gold bearing veins in the Engineer Gold Camp appear to occur adjacent to splays of the crustal scale Llewellyn Fault zone.

Two fluid inclusion determinations by Mihalynuk on one sample from the Double-Decker vein at the nearby Engineer Mine showed homogenization temperatures between 171°C to 195°C, which would place them in the temperature range of an epithermal envelope (*Mihalynuk, 1999*). Gold/electrum vein emplacement at that mine possibly occurred 800m below the base of the Sloko volcanic rocks and the mineralization and volcanics are closely related in time (*Mihalynuk, 1999*).

A polymetallic vein model has been postulated for mineralization at the Brown showing within the Wann River area, and at the Kim and Douglas showings in the southwestern property area (*British Columbia Minfile, 2010*). Minor copper and lead-zinc skarn type mineralization is also reported from the Kim showing area (*Chateris, 1966*).

### 8.1 Low Sulphidation Epithermal Vein Model

The following characteristics of the low sulphidation epithermal gold deposit model are primarily summarized from Panteleyev (1996). The mineralization and grade and tonnage figures discussed below are not necessarily indicative of the mineralization on the Tagish Lake Project which is the subject of this report.

Examples of this type of deposit include the Midas Mine of Franco Nevada in Nevada, the El Penon Mine of Meridian Minerals in Chile, and the former Baker and Cheni Mines in the Toodoggone District of British Columbia. Commodities are gold and silver with minor copper, lead and zinc.

Mineralization typically occurs as quartz veins, stockworks and breccias carrying gold, silver, electrum, argentite and pyrite with lesser and variable amounts of sphalerite, chalcopyrite, galena, rare tetrahedrite and sulphosalt minerals in high level (epizonal) to near surface environments. The ore commonly exhibits open space filling textures and is associated with volcanic-related hydrothermal to geothermal systems in volcanic island and continent margin magmatic arcs and continental volcanic fields with extensional structures.

Host rocks include most types of volcanic rocks with calc-alkaline andesitic compositions predominating. Some deposits occur in areas with bimodal volcanism and extensive subaerial ashflow deposits. A less common association is with alkalic intrusive rocks and shoshonitic volcanic rocks. Clastic and epiclastic sedimentary rocks host deposits in intra-volcanic basins and structural depressions.

Gangue minerals include quartz, amethyst, chalcedony, quartz pseudomorphs after calcite and calcite, with minor adularia, sericite, barite, fluorite and calcium-magnesium-manganese-iron carbonate minerals such as rhodochrosite, hematite and chlorite.

Alteration generally consists of extensive silicification occurring as multiple generations of quartz and chalcedony, commonly accompanied by adularia and calcite. Pervasive silicification in vein envelopes is flanked by sericite-illite-kaolinite assemblages. Intermediate argillic alteration (kaolinite-illite-montmorillonite  $\pm$  smectite) forms adjacent to some veins. Advanced argillic alteration (kaolinite-alunite) may form along the tops of mineralized zones. Propylitic alteration dominates at depth and peripherally. Weathered outcrops are often characterized by resistant quartz  $\pm$  alunite 'ledges' and extensive bleached, clay-altered zones on the edges with supergene alunite, jarosite and other limonite minerals.

The deposits occur in high-level hydrothermal systems from depths of approximately 1 km to surficial hot spring settings. They are associated with regional-scale fracture systems related to grabens,  $\pm$  resurgent calderas, flow-dome complexes and rarely, maar diatremes. Extensional structures in volcanic fields (normal faults, fault splays, ladder veins and cymoid loops, etc.) are common; locally graben or caldera-fill clastic rocks are present. High-level (subvolcanic) stocks and/or dikes and pebble breccia diatremes occur in some areas. Locally resurgent or domal structures are related to underlying intrusive bodies.

Ore zones are typically localized in structures, but may occur in permeable lithologies. Upward-flaring ore zones centred on structurally controlled hydrothermal conduits are typical. Large (greater than 1m wide and hundreds of metres in strike length) to small veins and stockworks are common with lesser disseminations and replacements. Vein systems can be laterally extensive but ore shoots have relatively restricted vertical extent. High-grade ores are commonly found in dilational zones in faults at flexures, splays and in cymoid loops.

Deposits are commonly zoned vertically over 250 to 350m from a base metal poor, gold-silver rich top to a relatively silver rich base metal zone and an underlying base metal rich zone grading at depth into a sparse base metal, pyritic zone. From surface to depth, metal zones contain gold-silver-arsenic-antimony-mercury, gold-silver-lead-zinc-copper, silver-lead-zinc. In alkalic host rocks tellurides, roscoelite (vanadium mica) and fluorite may be abundant, with lesser molybdenite.

Ages of mineralization are variable although Tertiary deposits are most abundant. The age is closely related to the associated volcanic rocks but invariably slightly younger in (0.5 to 1 Ma, more or less).

Typical grade and tonnage figures for the median low sulphidation epithermal gold deposits, based on worldwide mines and U.S.A. models, include 0.77 million tonnes of 7.5 g/t Au, 110 g/t Ag and minor copper, zinc and lead for 41 Comstock-type 'bonanza' deposits and 0.3 million tonnes of 1.3 g/t Au, 38 g/t Ag and  $>0.3\%$  Cu from 20 Sado-type gold-copper deposits. Associated deposit types include high sulphidation epithermal gold-silver, hot spring gold-silver, porphyry copper  $\pm$  molybdenum  $\pm$  gold and related polymetallic veins and placer gold.

Economic low sulphidation epithermal deposits are usually mined by a combination of open pit mining and underground operations with conventional cyanide milling processing, with moderate daily tonnage production. They typically contain high-grade sections, often with significant silver content, high silver to gold ratios, “clean” metallurgy, and good recoveries.

## 8.2 Polymetallic Vein Model

Intrusion hosted polymetallic veins occur within the Wann River and Mt. Switzer - Ben My Chree portions of the Tagish Lake Project. Examples of polymetallic deposits include the Beavercell camp in British Columbia and Creede, Colorado, USA. Commodities include Ag, Pb, Zn (Cu, Au, Mn). Similarities exist to the orogenic type (Pogo Deposit in Alaska) and the intrusion-related gold pyrrhotite vein model such as at the past producing Snip Mine in northern British Columbia.

The following characteristics of the intrusion hosted polymetallic vein deposit model are primarily summarized from Lefebvre and Höy, editors, (1996).

Mineralization typically occurs as sulphide-rich veins containing sphalerite, galena, pyrite, silver and sulphosalt (tetrahedrite-tennantite) minerals, chalcopyrite, arsenopyrite and stibnite, in a carbonate and quartz gangue  $\pm$  specular hematite, hematite, barite and fluorite. Silver minerals often occur as inclusions in galena and native gold and electrum occurs in some deposits. Gold grades are generally low given the amount of sulphides present. Some veins contain more chalcopyrite and gold at depth.

Wall rock alteration in volcanic and intrusive host rocks is argillic, sericitic or chloritic and may be quite extensive.

Regional faults (*Llewellyn Fault Zone*), fault sets and fractures are an important ore control, although veins are typically associated with second order structures. In igneous rocks the faults may relate to volcanic centers (*Sloko Group*). Significant deposits are restricted to competent lithologies. Dykes are often emplaced along the same faults and in some camps are believed to be roughly contemporaneous with mineralization. Some polymetallic veins are found surrounding intrusions with porphyry deposits or prospects.

Individual vein systems range from several hundred to several million tonnes grading from 5 to 1500 g/t Ag, 0.5 to 20% Pb and 0.5 to 8% Zn. Copper and gold are reported in less than half the British Columbia occurrences, with average grades of 0.09% Cu and 4 g/t Au. The veins usually support small to medium-size underground mines. Larger polymetallic vein deposits are attractive because of their high grades and relatively easy beneficiation. They are potential sources of cadmium and germanium.

## 9.0 MINERALIZATION (Figures 3 and 10)

Seven Minfile occurrences are documented on the Tagish Lake Project, which include the Kim showing (Minfile Number 104M 063), and the Douglas showing (Minfile Number 104M 092), discovered by Blind Creek Resources Limited in 2006, in the southwestern



property area, the Kirkland showing (Minfile Number 104M 015) and part of the Gleaner prospect (Minfile Number 104M 016), both proximal to the Engineer Mine, the Graham Creek placer (Minfile Number 104M 023), and upstream extent, in the northern property area (*Figure 10*) and the Brown polymetallic vein showing (Minfile Number 104M 026) and the copper-nickel-platinum-palladium Anyox-Rodeo prospect (Minfile Number 104M 017) within the Wann River area.

At the Kim showing mineralization grading 109.7 g/t Ag, 0.7 g/t Au and 4.0% Cu occurs in one of several poorly exposed shear zones in a granodiorite host (*Mihalynuk and Mountjoy, 1990*). Copper and lead-zinc skarn occurrences are also reported in the area (*Chateris, 1966*).

The Douglas showing (*Figure 10*), discovered by Blind Creek Resources Limited in 2006 south of Mt Switzer, returned a maximum value of 0.6 g/t Au, 11 Ag, 0.19% Cu, 0.69% Pb and 0.41% Zn from one of five parallel 330° trending quartz-sulphide veins (*Justason and Davies, 2007*). Sulphide minerals include pyrite, chalcopyrite, galena and sphalerite. Vein widths range from 5 to 12 cm wide, and one vein was traced for 330m (*British Columbia Minfile, 2010*).

The north trending, west dipping, up to 1.2m wide Gleaner veins are situated on the northeast side of a major northwest trending shear zone, approximately 500m northeast of the main Engineer workings. Mineralization consists of pyrite and native gold hosted by sets of quartz stringers cutting sedimentary rocks, brecciated wallrock fragments cemented by quartz, and massive quartz veins. Grab samples assayed up to 1.275 grams per tonne gold (*McLeod, 1991*). Only a small amount of gold has been reported from the Kirkland veins, which represent the southerly extension of the Engineer vein system. The main 60 cm wide and 425m long Jersey Lily vein on the Kirkland reportedly consists of vuggy comb-structured quartz (*British Columbia Minfile, 2010*).

A 10m adit was driven at the Brown showing along a 070°/85°SE and 101°/74°S trending quartz vein and stringer zone with mineralized veins, up to 60 cm wide occurring over a distance of 70m. Mineralization consists of tetrahedrite-freibergite, chalcopyrite, malachite, azurite, molybdenite, pyrite, sphalerite and galena. The highest grades come from material along the northern hangingwall of the 2.5m vein/shear system exposed by the adit. A chip sample, also from vein material, assayed 8.6 g/t Au and 315.38 g/t Ag (*BC Minfile, 2010*). Grab sample MMI89-59-2A assayed 347 g/t Ag, 17.9 g/t Au, 2.62% Pb, 0.56% Cu, and 1.0% Zn (*BC Minfile, 2010*).

The Anyox-Rodeo showing consists of massive sulphide lens hosted by chlorite-actinolite schist of the Boundary ranges near its contact with Upper Triassic Stuhini volcanic rocks. Pentlandite, pyrrhotite, chalcopyrite and pyrite occur as fracture fillings and interstitially. The showing may be an example of basaltic copper or marine volcanic association (*BC Minfile, 2010*). A sample taken by the British Columbia Geological Survey assayed 0.15% Cu, 0.60% Ni and 0.12% Co (*BC Minfile, 2010*).

The Tagish Lake Project has been subdivided into five prospective gold-silver zones: Wann River, Edgar-Nelson Lakes - Llewellyn Fault Zone Extension, Engineer, Mt Switzer - Ben My Chree Zone and the Torres-Graham-Golden Gate Zone (*Figures 2 to 7*). Work on the Project has concentrated on the Wann River area, which occurs along the Llewellyn Fault Zone (*Figure 3*).

The following detailed discussion of mineralization in the Wann River area is summarized from Aspinall (2010).

Although the Engineer Gold Mine system is recognized as being distally associated with the Llewellyn Fault Zone, mineralized zones in the Wann River area, 4 kilometres south of the historic Engineer gold mine, are directly related to the Llewellyn Fault Zone.

The 800 by 180m corridor within the Wann River area consists of a multi-pulse, and polymetallic mineralized quartz veined system with tetrahedrite, chalcopyrite, galena, sphalerite, malachite, azurite, trace molybdenite, variable pyrite and associated trace arsenic, with associated gold and silver. Three types of mineralization are recognized:

1. Uncrowded quartz vein stockworks in biotite-feldspar-quartz schist (DTBG), open to the southeast. To the northwest the system trends under Tagish Lake.
2. Quartz vein systems up to 80 cm thick traced for 90m and open along strike, hosted by Upper Triassic Stuhini andesite (UTSV).
3. Shear zone hosted, crowded quartz vein stockworks with a 2m wide core, now projected for 130m and still open to the northwest. To the southeast the shear is cut off by an assumed displacement. Host rock is a quartz-eye porphyry believed to be part of the Cretaceous diorite unit (KD).

Outcrops within the 800 by 180m corridor within the Wann River Project are currently limited to seven, all of which host anomalous amounts of gold and silver and variable copper, lead and zinc (*Figure 13*). The seven outcrops include:

1. Lum #1 (trenches 1 and 2): A 1600 square metre mineralized outcrop of biotite-plagioclase-quartz-schist, with cleavage striking  $160^{\circ}/40^{\circ}\text{SW}$ , along the southeast shore of Tagish Lake is cut by a weak quartz stockwork. Mineralization includes chalcopyrite-galena-sphalerite-malachite-pyrite. Best returns from quartz dump tailings returned 263 g/t Au, 1350 g/t Ag, 2.75% Cu, 4.45% Pb and 1.36% Zn. Extensions of this outcrop area extend 300m to the southeast and are not mineralized.
2. Trail Showing: Two sections of a composite quartz vein up to 80 cm wide occur near an old trail on the southwest bank of the Wann River, 720m southeast from the Lum #1 & Lum #2 trenches within the corridor. The vein trends  $140^{\circ}/48^{\circ}\text{SW}$ , within Upper Triassic Stuhini Group andesites (UTSV) with pyrite along contact selvages with the quartz veins. Mineralization includes tetrahedrite, galena, malachite, and trace arsenopyrite and molybdenite. Best assays to date returned 52.1 g/t Au, 746 g/t Ag, 1.79 % Cu, 5.76% Pb, and 1.04% Zn.
3. River Showing: An 80 cm wide composite quartz vein outcrop, hosted by Upper Triassic Stuhini andesite, (UTSV) occurs on the Wann River bank, 800m southeast of the Lum trenches and 60m southeast of the Trail showing. Mineralization includes tetrahedrite on hanging and footwall of the quartz vein with pyritized wallrock along the vein contact. Best grab sample from the footwall of the vein returned 126 g/t Ag.
4. Brown (Adit) Showing: A quartz vein zone is exposed with a  $110^{\circ}$  trending, near-vertical, 2m wide quartz core within a 10m wide shear zone, 710m southeast of Lum#1 and #2 showings. Mineralization consists of tetrahedrite-sphalerite-



arsenopyrite-malachite-azurite. Best assays from two Minfile records are 94.27 g/t Au, 1227.22 g/t Ag and 17.9 g/t Au, 347 g/t Ag, 0.56 % Cu, 2.62% Pb, 1% Zn from grab samples. The host rock is an altered quartz eye feldspar porphyry, within an area mapped as Cretaceous diorite (KD).

5. Dutch showing: A quartz vein 80 cm wide, striking 157°/80°NW, now exposed for 25m by a recent hand-excavated trench, was discovered after quartz fragments were noted on surface by geologist Ian Coster while cutting a walking trail in 2010. The location is 650m southeast of the Lum trenches. Mineralization consists of tetrahedrite-chalcopyrite-galena-malachite. Two chip samples were collected with maximum results of 3.40 g/t Au and 320 g/t Ag.
6. Newfie Showing: A quartz veinlet stockwork in quartz eye porphyry, (tentatively a unit of Cretaceous diorite, KD) located 650m southeast of the Lum trenches, 50m northeast of the Dutch Vein and 130m northwest of the Brown (Adit) showing. This showing consists of two adjacent previously hand excavated pits, rediscovered by prospector John Dicks and Aspinall. This showing has been reclaimed by an estimated 70-80 years of forest vegetation, and old workings are not immediately recognizable. Present exposures were hand cleared. Two grab samples were collected with maximum values of 15.9 g/t Au and 440 g/t Ag.
7. Spanish Showing: Quartz veins up to 20 cm wide, with traces of chalcopyrite, malachite and galena.

## 10.0 EXPLORATION (Figures 14-17)

Blind Creek Resources Limited initiated acquisition in the Tagish Lake area in 2004, continuing into 2010. Exploration has been conducted on the claims from 2005 to present and has included prospecting, mapping, geochemical reconnaissance, a limited Mobile Metal Ion (MMI) geochemical survey and a reconnaissance magnetic geophysics survey.

### 10.1 Geochemistry

A total of 293 geochemical samples are documented from the Tagish Lake Project by Blind Creek Resources Limited between 2005 and 2010 (*Aspinall, 2010*). The 2009 and 2010 samples are from the Wann River area.

**Table 2: Sample Summary, Tagish Lake Project**

| Year          | Soil      | Silt      | MMI Soil  | Rock       | Total      | Area                 |
|---------------|-----------|-----------|-----------|------------|------------|----------------------|
| 2005          | 4         | 8         |           | 6          | 18         | Engineer             |
| 2006          | 1         |           |           | 37         | 38         | Mt. Switzer, etc.    |
| 2007          |           |           | 30        |            | 30         | Engineer             |
| 2008          | 1         | 21        |           | 22         | 44         | Mt. Switzer, Wann R. |
| 2009          | 11        | 2         |           | 7          | 20         | Wann River           |
| 2010          | 56        |           |           | 87         | 143        | Wann River           |
| <b>Totals</b> | <b>73</b> | <b>31</b> | <b>30</b> | <b>159</b> | <b>293</b> |                      |

Limited sampling east of the Engineer Mine in 2005 did not return significant results (*Aspinall, 2006*).

The Douglas showing (*Figure 10*), discovered by Blind Creek Resources Limited in 2006 south of Mt Switzer, returned a maximum value of 0.6 g/t Au, 11 Ag, 0.19% Cu, 0.69% Pb and 0.41% Zn from one of five parallel 330° trending quartz-sulphide veins (*Justason and Davies, 2007*). Vein widths range from 5 to 12 cm wide, and one vein was traced for 330m (*British Columbia Minfile, 2010*).

A 30(?) sample MMI soil survey appears to have been conducted over the Engineer portion of the Tagish Lake Project in 2007 (*Mark, 2008*). It appears that the survey indicated elevated gold at approximately 6593841mN, 543425 and 543525mE from the Gleaner prospect area. MMI refers to mobile metal ions, which move in the weathering zone and are weakly or loosely attached to surface soil particles. MMI can be useful in detecting mineralization at depth and is not affected by glacial till.

The following discussion of the geochemistry is primarily summarized from Aspinall (2010).

A geochemical reconnaissance sampling program in the regions of Wann River and Mount Switzer in 2008 confirmed the anomalous results from the Anyox-Rodeo showing (*Aspinall, 2008*) sampled in 1998 by the British Columbia Geological Survey (*Mihalynuk, 1999*). A grab sample from a 10 cm wide massive pyrrhotite vein at the head of the pit indicated anomalous values in gold (110 ppb), silver-arsenic-copper (6714 ppm), platinum (140 ppb), palladium (200 ppb), cobalt (1093 ppm) and nickel (4118 ppm).

In 2009, twenty soil, silt, outcrop and float rock samples were collected, from the banks of the Wann River and adjacent areas by Tagish Lake (*Aspinall, 2009a*). Significant results are tabulated below.

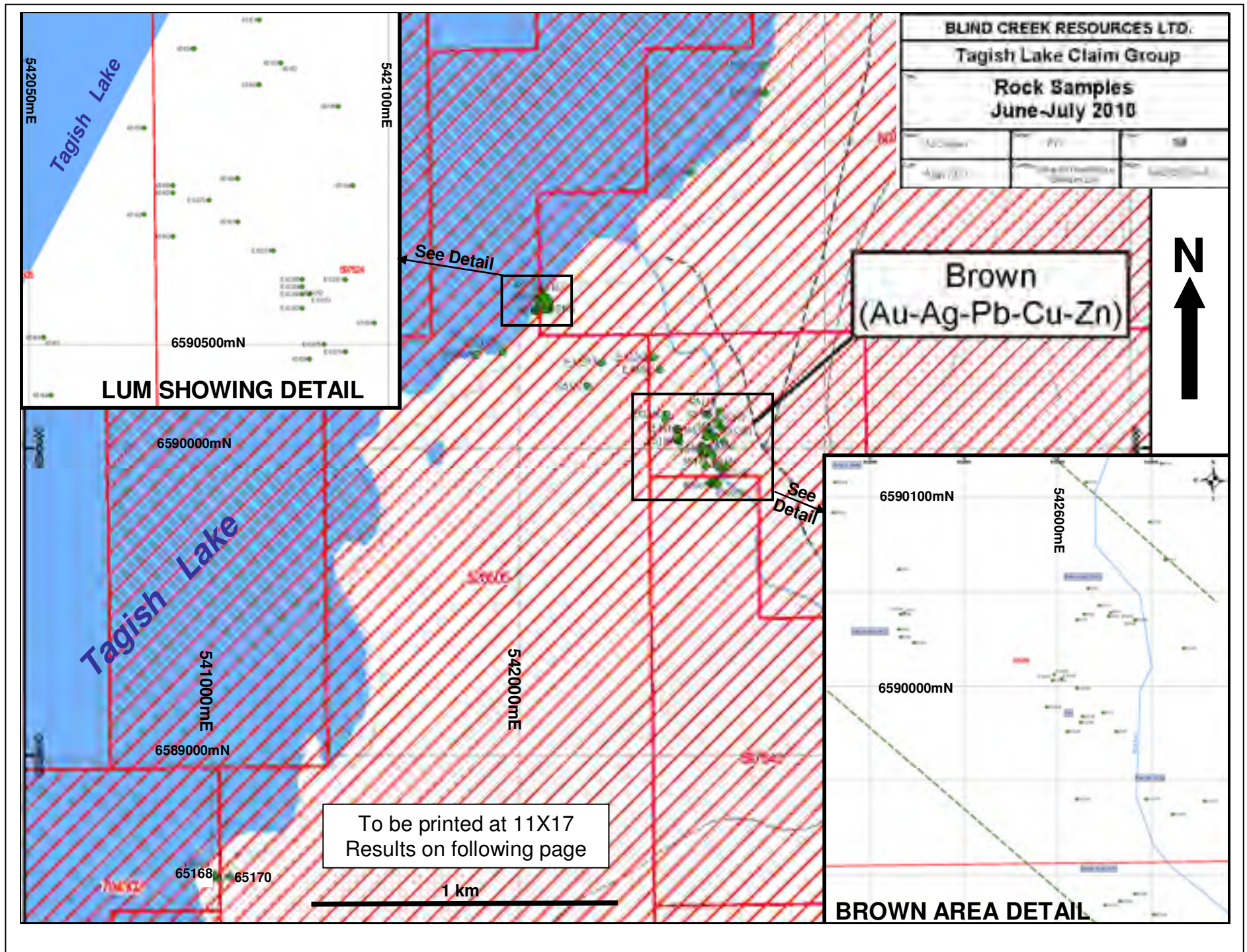
**Table 3: Significant results Wann River Area, 2009**

| Sample Number | Au (g/t) | Ag (g/t) | Pb (%) | Zn (%) | Remarks                          |
|---------------|----------|----------|--------|--------|----------------------------------|
| 9BCRWR02RF    | 18.8     | 226      | 3.05   | 2.22   | quartz float, chalcopyrite       |
| 9BCRWR05R     | 43.5     | 296      | 4.30   |        | trace azurite, galena in outcrop |

Sample 9BCRWR02RF is a float sample found near an existing log cabin with other mineralized quartz material, and could have come from anywhere in the southern Tagish Lake area. Sample 9BCRWR05R was collected from old trenches into bedrock along the southern shore of Tagish Lake, 180m west of the Wann River delta and initiated the present interest in the Wann River area. (*Aspinall, 2009a*).

#### Table 4: Significant 2010 sample results

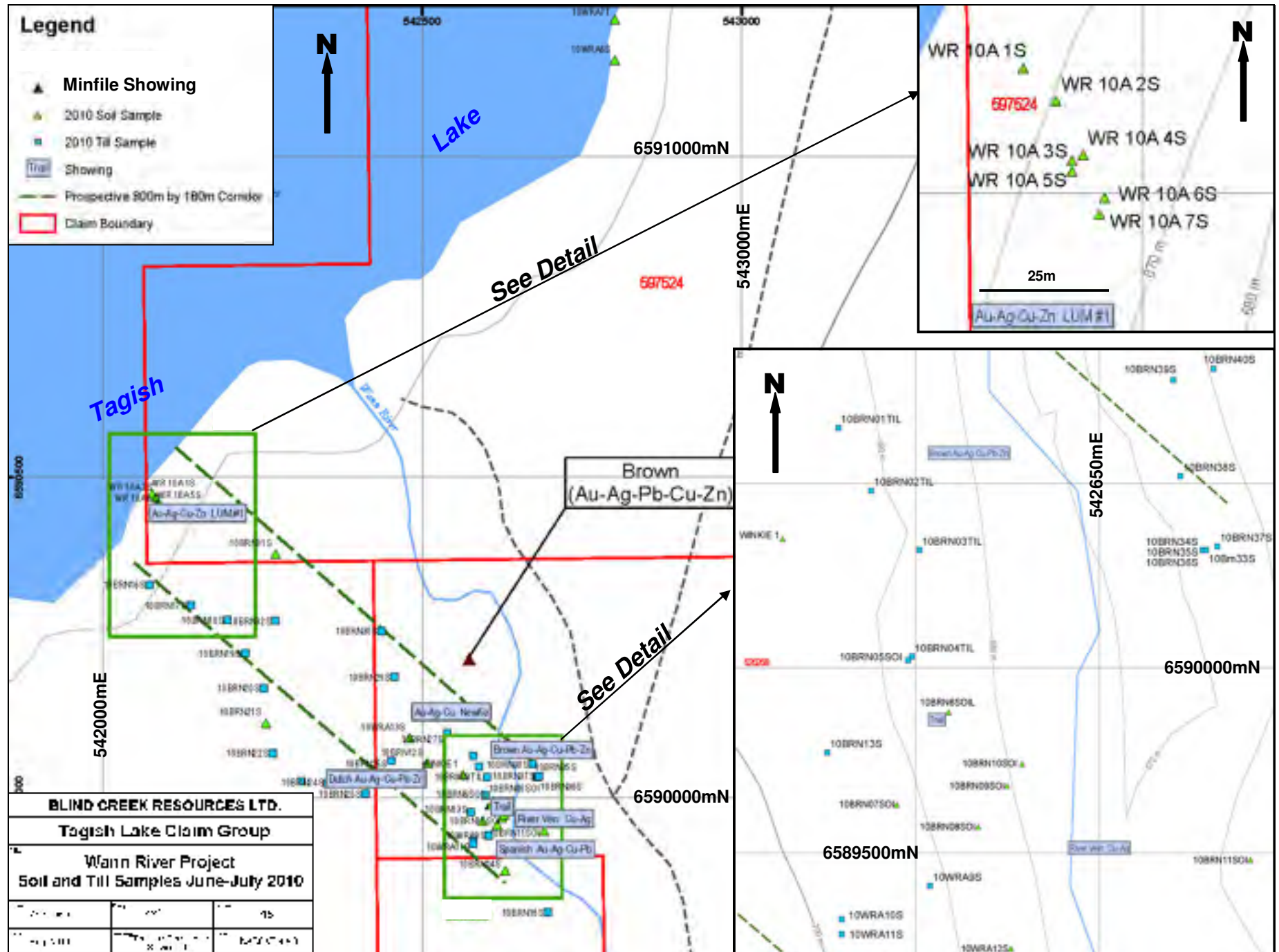
| Sample   | Analysis | Assays/Analyses                |       |       |       |      |      |      |     | Rock samples<br>over 800m strike |
|--|----------|--------------------------------|-------|-------|-------|------|------|------|-----|----------------------------------|
| ID   | Au       | Au                             | Au 2  | Ag    | Ag 2  | Cu   | Pb   | Zn   | Mo  |                                  |
|  | ppb      | (g/t)                          | (g/t) | (g/t) | (g/t) | (%)  | (%)  | (%)  | (%) |                                  |
| E 83351  | >1000    | 245                            | 263   | 1360  | 1350  | 4.15 | 3.46 |      |     | Lum#2 Trench dump                |
| E 83352  | >1000    | 256                            | 259   | 1200  | 1065  | 2.75 | 4.45 | 1.36 |     | Lum#2 Trench dump                |
| E 83353  | >1000    | 25.5                           |       | 154   | 149   |      |      |      |     | Lum#2 Trench dump                |
| E 83355  | >1000    | 157                            | 149.5 | 630   | 639   | 2.91 | 4.75 | 1.94 |     | Lum#2 Trench dump                |
| E 83356  | >1000    | 55                             |       | 384   | 381   | 2.65 | 1.74 |      |     | Lum#2 Trench dump                |
| E 83358  | >1000    | 52.1                           |       | 746   | 788   | 1.79 | 5.76 | 1.04 |     | Lum#1 Trench dump                |
| E 83359  | >1000    | 8.29                           |       | 424   | 448   |      |      |      |     | Trail Vein float                 |
| E 83362  | >1000    | 32.9                           | 30.3  | 1180  | 3010  | 3.35 | 3.79 |      |     | Trail Vein float                 |
| E 83363  |          |                                |       | 62.3  | 55.5  |      | 1.19 |      |     | Trail Vein float                 |
| E 83365  | >1000    | 2.5                            |       | 62.3  |       |      |      |      |     | Brown Adit grab                  |
| E83370   | 415      |                                |       | 126   |       |      |      |      |     | River Vein, footwall             |
| E 83373  | >1000    | 3.2                            |       |       |       |      |      |      |     | Lum #1 Trench dump               |
| E83384   | >1000    | 3.4                            |       | 320   |       |      |      |      |     | Dutch Vein chip/80 cm            |
| E83386   | >1000    | 1.2                            |       | 184   |       |      |      |      |     | Trail Vein chip/80 cm            |
| E83395   | >1000    | 15.9                           |       | 440   |       |      | 1.04 |      |     | Newfie Vein grab                 |
| E83396   | >1000    | 5.2                            |       | 116   |       |      |      |      |     | Newfie Vein grab                 |
| 65154  | 135      |                                |       | 18.8  |       |      |      |      | 0.3 | Lum #1 grab                      |
| 65157  | >1000    | 20.3                           |       |       |       |      |      |      |     | Lum #1 grab                      |
| 65171  | >1000    | 17.2                           |       |       |       |      |      |      |     | Trail Vein grab                  |
| All analyses, unless otherwise indicated, were performed by Eco Tech (Stewart Group) |          |                                |       |       |       |      |      |      |     |                                  |
| Au 1,  | Ag 1     | Eco Tech (Stewart Group) Assay |       |       |       |      |      |      |     |                                  |
| Au 2,  | Ag 2     | ALS-Chemex Assay               |       |       |       |      |      |      |     |                                  |





## 2010 Rock Sample Results for Figure 14

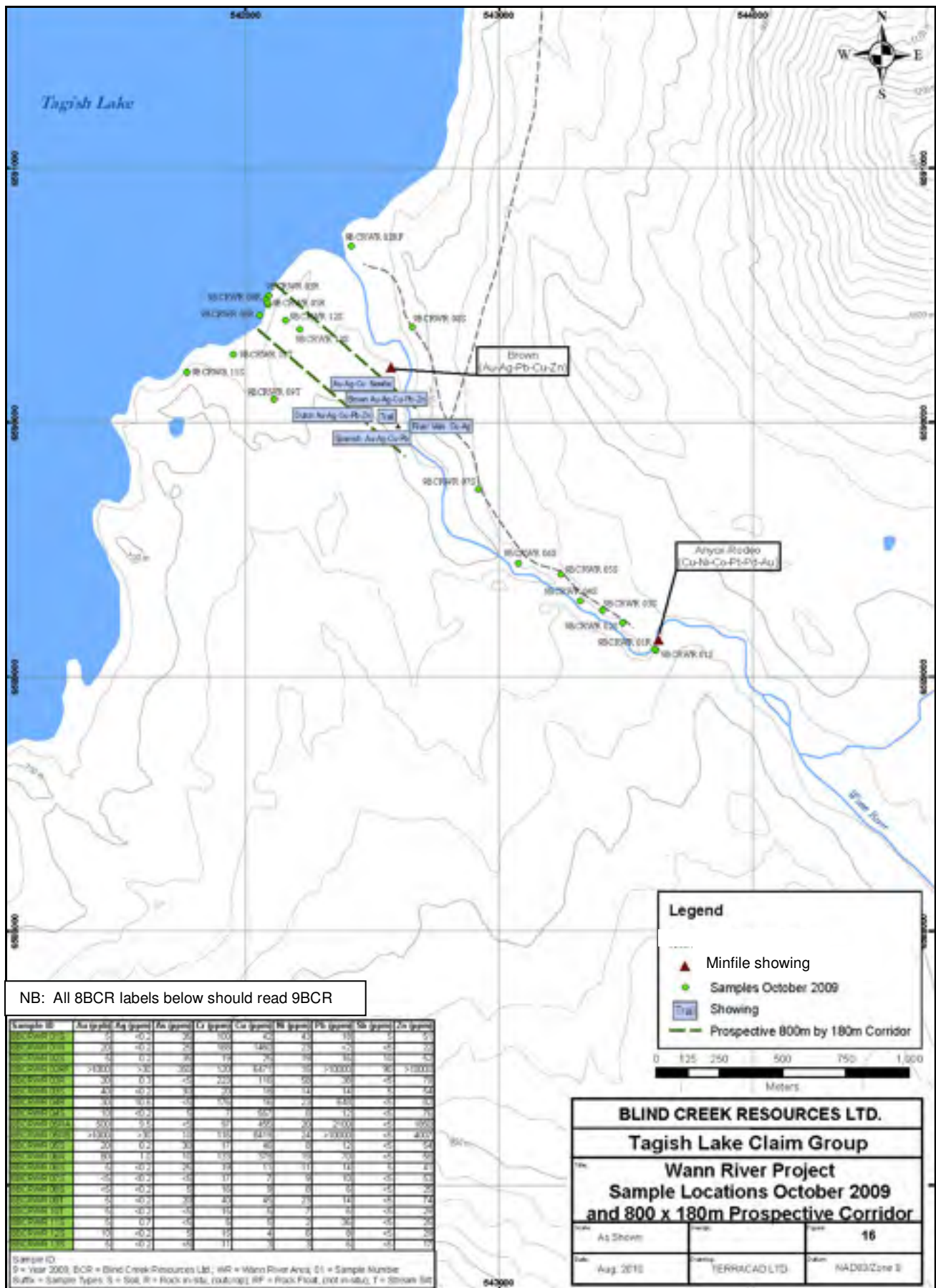
| Sample ID | Au in ppb | Ag in ppm | As in ppm | Co in ppm | Cr in ppm | Cu in ppm | Mo in ppm | Ni in ppm | Pb in ppm | Sb in ppm | Zn in ppm | Date |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|
| E 83351   | >1000     | >30       | 25        | 25        | 110       | >10000    | 9         | 65        | >10000    | <5        | 9632      | 2010 |
| E 83352   | >1000     | >30       | 25        | 17        | 119       | >10000    | 10        | 49        | >10000    | <5        | >10000    | 2010 |
| E 83353   | >1000     | >30       | <5        | 10        | 136       | 9054      | 3         | 31        | 3954      | <5        | 2178      | 2010 |
| E 83354   | 320       | 3.7       | <5        | 22        | 76        | 300       | <1        | 19        | 153       | <5        | 78        | 2010 |
| E 83355   | >1000     | >30       | 5         | 10        | 84        | >10000    | 1         | 23        | >10000    | <5        | >10000    | 2010 |
| E 83356   | >1000     | >30       | 5         | 6         | 138       | >10000    | 15        | 16        | >10000    | <5        | 3354      | 2010 |
| E 83357   | 635       | 6.8       | <5        | 2         | 442       | 694       | 1         | 13        | 273       | <5        | 98        | 2010 |
| E 83358   | >1000     | >30       | 435       | 6         | 180       | >10000    | 112       | 27        | >10000    | 95        | >10000    | 2010 |
| E 83359   | >1000     | >30       | 405       | 5         | 180       | 7086      | 8         | 15        | 4355      | 2565      | 5702      | 2010 |
| E 83360   | 410       | >30       | 275       | 1         | 210       | 1426      | 40        | 10        | 8334      | 585       | 2012      | 2010 |
| E 83361   | 580       | 16.6      | 55        | 1         | 164       | 338       | 9         | 10        | 2296      | 30        | 3222      | 2010 |
| E 83362   | >1000     | >30       | 2945      | 1         | 198       | >10000    | 4         | 4         | >10000    | >10000    | 8212      | 2010 |
| E 83363   | 280       | >30       | 15        | 1         | 440       | 156       | 2         | 11        | >10000    | 105       | 348       | 2010 |
| E 83364   | 25        | <0.2      | <5        | 32        | 516       | 40        | 6         | 255       | 27        | 15        | 130       | 2010 |
| E 83365   | >1000     | >30       | 185       | 3         | 228       | 1984      | 2         | 12        | 57        | 105       | 9412      | 2010 |
| E 83366   | 215       | 5.0       | 65        | 2         | 254       | 792       | 1         | 12        | 35        | 35        | 4458      | 2010 |
| E 83367   | 30        | 0.5       | <5        | 18        | 206       | 96        | 2         | 35        | 18        | 5         | 66        | 2010 |
| E 83368   | 60        | 17.8      | <5        | 4         | 238       | 30        | 113       | 13        | 984       | 10        | 216       | 2010 |
| E 83369   | 30        | <0.2      | <5        | 22        | 178       | 102       | 2         | 53        | 12        | <5        | 78        | 2010 |
| E 83370   | 415       | >30       | 20        | 1         | 249       | 138       | 38        | 11        | 7680      | 55        | 1844      | 2010 |
| E 83371   | 145       | 28.1      | 140       | 16        | 150       | 1154      | 3         | 55        | 35        | 520       | 324       | 2010 |
| E 83372   | 25        | 0.6       | <5        | 27        | 84        | 368       | 69        | 65        | 36        | <5        | 106       | 2010 |
| E 83373   | >1000     | 22.3      | <5        | 3         | 164       | 2306      | <1        | 12        | 42        | <5        | 124       | 2010 |
| E 83374   | 545       | 8.8       | <5        | 5         | 180       | 640       | 1         | 16        | 1371      | <5        | 972       | 2010 |
| E 83375   | 415       | 2.1       | <5        | 4         | 238       | 22        | 1         | 12        | 48        | <5        | 28        | 2010 |
| E 83376   | 145       | 2.0       | <5        | 5         | 206       | 112       | 4         | 12        | 166       | <5        | 48        | 2010 |
| E 83377   | 30        | <0.2      | <5        | 5         | 104       | 22        | <1        | 8         | 15        | <5        | 10        | 2010 |
| E 83378   | 30        | 3.7       | 5         | 30        | 50        | 330       | 2         | 17        | 266       | <5        | 88        | 2010 |
| E 83379   | 30        | 11.4      | <5        | <1        | 228       | 14        | 6         | 8         | 485       | <5        | 340       | 2010 |
| E 83380   | 25        | <0.2      | 280       | 17        | 110       | 24        | <1        | 37        | 9         | 15        | 28        | 2010 |
| E 83381   | 25        | <0.2      | 65        | 12        | 30        | 74        | <1        | 5         | 9         | 15        | 224       | 2010 |
| E 83382   | 195       | 1.4       | 15        | 2         | 124       | 34        | <1        | 4         | 183       | 10        | 114       | 2010 |
| E 83383   | 70        | >30       | <5        | 2         | 232       | 42        | 42        | 10        | 1413      | 15        | 478       | 2010 |
| E 83384   | >1000     | >30       | 370       | 4         | 220       | 5200      | 6         | 28        | 5591      | 3630      | 988       | 2010 |
| E 83385   | 465       | 23.1      | 50        | 2         | 232       | 404       | 17        | 10        | 858       | 80        | 422       | 2010 |
| E 83386   | >1000     | >30       | 365       | 2         | 244       | 2286      | 42        | 9         | 5898      | 1040      | 1118      | 2010 |
| E 83387   | 35        | 2.8       | 5         | 18        | 138       | 432       | 31        | 33        | 216       | 5         | 168       | 2010 |
| E 83388   | 180       | 4.9       | 15        | 16        | 130       | 276       | 214       | 34        | 555       | 10        | 830       | 2010 |
| E 83389   | 45        | 0.3       | 5         | 5         | 86        | 56        | 62        | 7         | 24        | <5        | 98        | 2010 |
| E 83390   | 165       | 2.2       | 10        | 1         | 152       | 32        | 402       | 7         | 81        | <5        | 90        | 2010 |
| E 83391   | 20        | 0.2       | <5        | 3         | 118       | 46        | 30        | 5         | 15        | <5        | 28        | 2010 |
| E 83392   | 80        | 7.2       | 10        | 18        | 152       | 588       | 405       | 20        | 480       | <5        | 154       | 2010 |
| E 83393   | 225       | 2.2       | 15        | 8         | 80        | 20        | 34        | 11        | 54        | <5        | 70        | 2010 |
| E 83394   | 25        | 2.4       | <5        | 20        | 92        | 446       | 167       | 18        | 153       | <5        | 90        | 2010 |
| E 83395   | >1000     | >30       | 255       | <1        | 170       | 5686      | 2         | 7         | >10000    | 1750      | 2818      | 2010 |
| E 83396   | >1000     | >30       | 100       | 3         | 142       | 2656      | 6         | 4         | 1854      | 1765      | 818       | 2010 |
| 85151     | 10        | 2.6       | <5        | 11        | 300       | 6         | 68        | 87        | 168       | <5        | 58        | 2010 |
| 85152     | 20        | 17.8      | <5        | 3         | 224       | 6         | 95        | 25        | 1002      | <5        | 96        | 2010 |
| 85153     | 20        | 2.9       | <5        | 8         | 230       | 4         | 358       | 67        | 177       | <5        | 44        | 2010 |
| 85154     | 135       | 18.8      | <5        | 2         | 208       | 6         | 3077      | 52        | 1062      | <5        | 58        | 2010 |
| 85155     | 420       | 1.8       | <5        | 2         | 190       | 42        | 6         | 14        | 12        | <5        | 18        | 2010 |
| 85156     | 25        | 0.2       | <5        | 6         | 198       | 36        | 10        | 17        | 9         | <5        | 12        | 2010 |
| 85157     | >1000     | >30       | <5        | 5         | 174       | 6516      | 2         | 19        | 3885      | <5        | 1494      | 2010 |
| 85158     | 200       | 2.3       | <5        | 5         | 160       | 154       | 9         | 14        | 192       | <5        | 110       | 2010 |
| 85159     | 75        | 0.7       | <5        | 31        | 214       | 108       | 7         | 74        | 36        | <5        | 112       | 2010 |
| 85160     | 15        | <0.2      | <5        | 2         | 174       | 6         | 2         | 6         | 3         | <5        | 4         | 2010 |
| 85161     | 10        | <0.2      | <5        | 14        | 66        | 40        | 2         | 19        | 9         | <5        | 42        | 2010 |
| 85162     | 10        | <0.2      | <5        | 13        | 174       | 16        | 52        | 19        | 9         | <5        | 6         | 2010 |
| 85163     | 5         | 0.3       | <5        | 35        | 46        | 418       | 3         | 28        | 9         | <5        | 46        | 2010 |
| 85164     | 10        | 2.7       | 10        | 18        | 182       | 284       | 5         | 13        | 21        | <5        | 8         | 2010 |
| 85165     | 5         | <0.2      | <5        | 40        | 334       | 156       | 218       | 210       | 12        | <5        | 170       | 2010 |
| 85166     | 65        | 1.9       | <5        | 2         | 192       | 14        | 6         | 14        | 196       | 5         | 122       | 2010 |
| 85167     | 50        | 0.16      | 68        | 166       | 56        | 1.23      | 0.02      | 80        | 1.10      | <1        | 944       | 2010 |
| 85168     | 5         | 0.04      | 6         | 182       | 2         | 0.25      | 0.01      | <10       | <0.01     | <1        | <2        | 2010 |
| 85169     | 5         | 0.50      | 16        | 124       | 12        | 0.77      | 0.08      | 40        | 0.18      | 1         | 10        | 2010 |
| 85170     | <5        | <0.2      | <5        | <1        | 174       | 4         | <1        | 5         | <3        | <5        | <2        | 2010 |
| 85171     | >1000     | >30       | 1280      | 1         | 180       | 7382      | 55        | 8         | 8542      | 4215      | 3874      | 2010 |
| 85172     | 380       | >30       | 192       | 2         | 172       | 882       | 31        | 9         | 4416      | 240       | 2698      | 2010 |
| 85173     | 10        | 1.9       | <5        | 5         | 174       | 90        | 4         | 13        | 27        | 10        | 18        | 2010 |
| 85174     | 15        | 0.6       | <5        | 6         | 184       | 152       | 9         | 19        | 15        | <5        | 30        | 2010 |
| 85175     | 15        | 0.5       | <5        | 4         | 12        | 12        | 2         | 5         | 21        | <5        | 14        | 2010 |
| 85176     | 10        | 0.2       | <5        | 5         | 154       | 14        | 30        | 9         | 6         | <5        | 12        | 2010 |
| 85177     | 10        | 0.2       | 5         | 13        | 102       | 114       | 48        | 23        | 15        | 5         | 72        | 2010 |
| 85178     | 15        | 0.4       | 10        | 20        | 100       | 436       | 45        | 33        | 15        | 5         | 68        | 2010 |
| 85179     | 15        | 0.2       | <5        | 8         | 82        | 102       | 12        | 16        | 15        | <5        | 80        | 2010 |
| 85180     | 65        | 2.9       | 10        | 10        | 118       | 206       | 23        | 24        | 324       | <5        | 814       | 2010 |
| 85181     | 65        | 1.3       | 15        | 8         | 84        | 72        | 67        | 25        | 87        | <5        | 568       | 2010 |
| 85182     | 40        | 0.3       | <5        | 6         | 64        | 72        | 13        | 8         | 12        | <5        | 38        | 2010 |
| 85183     | 30        | >30       | <5        | 13        | 408       | 14        | 13        | 133       | 3414      | <5        | 1038      | 2010 |
| 85184     | 15        | 22.7      | <5        | 7         | 184       | 12        | 14        | 73        | 1137      | <5        | 90        | 2010 |
| 85185     | 10        | 0.2       | <5        | 33        | 784       | 16        | 10        | 383       | 27        | 10        | 156       | 2010 |
| 85186     | 15        | 28.8      | <5        | 4         | 250       | 10        | 24        | 37        | 2127      | <5        | 1214      | 2010 |
| 85187     | 75        | >30       | 35        | 2         | 222       | 452       | 16        | 9         | 1533      | 380       | 228       | 2010 |
| 85188     | >1000     | >30       | 515       | <1        | 194       | 4992      | 9         | 10        | 7877      | 3650      | 1422      | 2010 |
| 85189     | 40        | 9.6       | <5        | 1         | 220       | 20        | 7         | 8         | 432       | 25        | 16        | 2010 |
| 85190     | 10        | 0.9       | <5        | 30        | 232       | 270       | 2         | 129       | 24        | 10        | 82        | 2010 |
| 85191     | 20        | 0.3       | <5        | 28        | 136       | 542       | 2         | 88        | 6         | <5        | 58        | 2010 |





## 2010 Soil and Till Sample Results for Figure 15

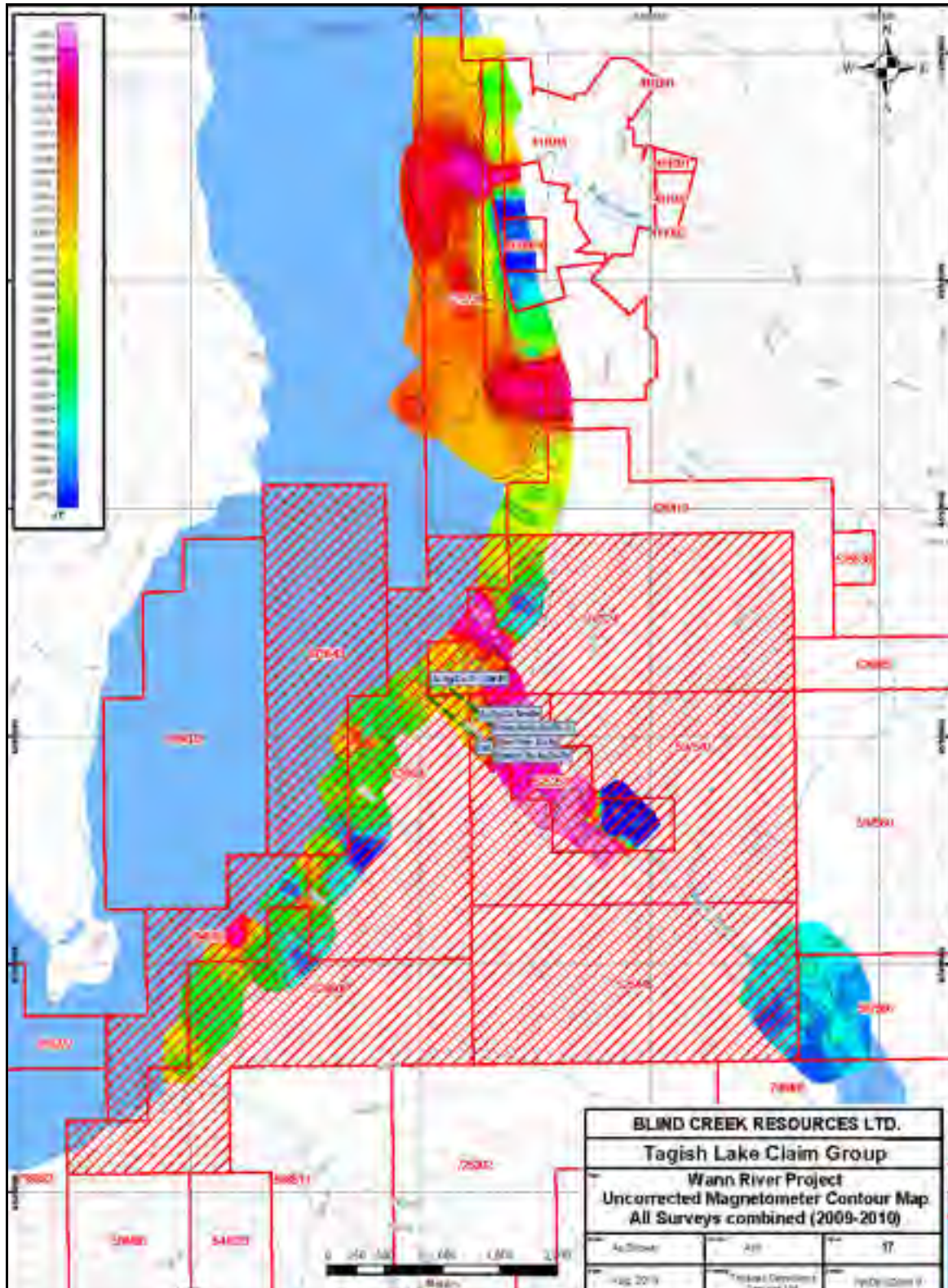
| Sample ID | Easting | Northing | Date | Elev. m | Tag             | Au ppb | Ag ppm | As ppm | Co ppm | Cr ppm | Cu ppm | Ni ppm | Pb ppm | Sb ppm | Zn ppm |
|-----------|---------|----------|------|---------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 10BRN01TL | 542579  | 6590065  | 2010 | 688.2   | 10BRN01 Till    | 20     | <0.2   | 25     | 11     | 28     | 48     | 22     | 21     | 10     | 74     |
| 10BRN02TL | 542588  | 6590048  | 2010 | 687.2   | 10BRN02 Till    | 30     | <0.2   | 25     | 10     | 32     | 52     | 23     | 18     | 10     | 68     |
| 10BRN03TL | 542601  | 6590032  | 2010 | 687.9   | 10BRN03 Till    | 15     | <0.2   | 15     | 8      | 28     | 36     | 18     | 12     | <5     | 50     |
| 10BRN04TL | 542599  | 6590003  | 2010 | 693.2   | 10BRN04 Soil    | 15     | <0.2   | 15     | 7      | 18     | 58     | 12     | 15     | 5      | 40     |
| 10BRN05SC | 542598  | 6590002  | 2010 | 687.2   | 10BRN05 Soil    | 35     | 0.2    | 25     | 17     | 36     | 188    | 29     | 21     | 5      | 66     |
| 10BRN06SC | 542609  | 6589988  | 2010 | 687.7   | 10BRN06 Soil    | 330    | >30    | 60     | 44     | 34     | 1014   | 63     | 2205   | 45     | 1204   |
| 10BRN07SC | 542595  | 6589963  | 2010 | 685.3   | 10BRN07 Soil    | 110    | 4.9    | 30     | 72     | 128    | 1594   | 105    | 216    | 20     | 224    |
| 10BRN08SC | 542617  | 6589957  | 2010 | 690.1   | 10BRN08 Soil    | 25     | 0.4    | 25     | 49     | 150    | 738    | 66     | 48     | 5      | 94     |
| 10BRN09SC | 542626  | 6589968  | 2010 | 686.5   | 10BRN09 Soil    | 25     | <0.2   | 15     | 16     | 38     | 144    | 24     | 24     | <5     | 70     |
| 10BRN10SC | 542629  | 6589974  | 2010 | 689.4   | 10BRN10 Soil    | 35     | 1.8    | 20     | 37     | 66     | 538    | 60     | 138    | 5      | 142    |
| 10BRN11SC | 542691  | 6589948  | 2010 | 696.4   | 10BRN11 Soil    | 70     | 3.3    | 30     | 60     | 168    | 1056   | 101    | 204    | 20     | 196    |
| WINKIE 1  | 542564  | 6590035  | 2010 | 689.1   | Winkie 1 Sludge | 30     | 0.5    | 15     | 18     | 72     | 288    | 45     | 51     | <5     | 252    |
| 10BRN12S  | 542588  | 6590053  | 2010 | 661.3   | 10BRN12S        | 105    | 2.3    | 30     | 15     | 120    | 60     | 51     | 168    | 50     | 124    |
| 10BRN13S  | 542676  | 6589977  | 2010 | 691.3   | 10BRN13S        | <5     | <0.2   | 10     | 8      | 38     | 46     | 15     | 45     | <5     | 74     |
| 10BRN14S  | 542630  | 6589886  | 2010 | 695.9   | 10BRN14S        | 25     | 0.9    | 20     | 17     | 16     | 356    | 17     | 114    | 5      | 78     |
| 10BRN15S  | 542696  | 6589821  | 2010 | 682.4   | 10BRN15S        | <5     | <0.2   | 10     | 6      | 18     | 20     | 9      | 12     | <5     | 54     |
| 10BRN16S  | 542072  | 6590331  | 2010 | 666.8   | 10BRN16S        | <5     | <0.2   | <5     | 2      | 14     | 4      | 5      | 6      | <5     | 22     |
| 10BRN17S  | 542137  | 6590299  | 2010 | 680.3   | 10BRN17S        | <5     | 0.2    | 10     | 7      | 50     | 20     | 10     | 18     | <5     | 60     |
| 10BRN18S  | 542195  | 6590276  | 2010 | 688.4   | 10BRN18S        | <5     | 0.2    | <5     | 6      | 82     | 10     | 28     | 21     | <5     | 58     |
| 10BRN19S  | 542222  | 6590224  | 2010 | 694.9   | 10BRN19S        | <5     | <0.2   | 10     | 7      | 28     | 12     | 16     | 15     | 10     | 42     |
| 10BRN20S  | 542251  | 6590170  | 2010 | 696.4   | 10BRN20S        | 0      | <0.2   | <5     | 4      | 14     | 4      | 6      | 9      | <5     | 48     |
| 10BRN21S  | 542255  | 6590116  | 2010 | 699.7   | 10BRN21S        | 15     | <0.2   | <5     | 4      | 20     | 4      | 7      | 12     | <5     | 58     |
| 10BRN22S  | 542265  | 6590069  | 2010 | 701.6   | 10BRN22S        | <5     | <0.2   | <5     | 3      | 12     | 4      | 5      | 9      | <5     | 48     |
| 10BRN23S  | 542310  | 6590025  | 2010 | 706.4   | 10BRN23S        | <5     | <0.2   | <5     | 2      | 12     | 2      | 4      | 9      | <5     | 30     |
| 10BRN24S  | 542351  | 6590022  | 2010 | 704     | 10BRN24S        | <5     | <0.2   | <5     | 3      | 16     | 4      | 5      | 9      | <5     | 38     |
| 10BRN25S  | 542410  | 6590006  | 2010 | 703.6   | 10BRN25S        | <5     | <0.2   | <5     | 4      | 18     | 4      | 6      | 9      | <5     | 48     |
| 10BRN26S  | 542451  | 6590057  | 2010 | 702.4   | 10BRN26S        | 5      | <0.2   | 5      | 6      | 26     | 6      | 10     | 15     | <5     | 74     |
| 10BRN27S  | 542539  | 6590100  | 2010 | 693.2   | 10BRN27S        | <5     | 0.2    | 20     | 11     | 54     | 22     | 19     | 21     | <5     | 90     |
| 10BRN28S  | 542517  | 6590140  | 2010 | 695.2   | 10BRN28S        | <5     | <0.2   | 35     | 9      | 40     | 28     | 17     | 24     | 5      | 76     |
| 10BRN29S  | 542456  | 6590187  | 2010 | 687.2   | 10BRN29S        | <5     | <0.2   | 20     | 4      | 28     | 12     | 11     | 18     | <5     | 62     |
| 10BRN30S  | 542436  | 6590259  | 2010 | 689.4   | 10BRN30S        | <5     | <0.2   | 5      | 5      | 26     | 10     | 12     | 12     | <5     | 54     |
| 10BRN31S  | 542271  | 6590379  | 2010 | 681.2   | 10BRN31S        | 40     | <0.2   | 10     | 5      | 26     | 14     | 10     | 18     | <5     | 92     |
| 10BRN32S  | 542269  | 6590275  | 2010 | 690.1   | 10BRN32S        | 15     | 0.2    | 5      | 22     | 32     | 58     | 19     | 36     | <5     | 130    |
| 10BRN33S  | 542678  | 6590032  | 2010 | 675.7   | 10BRN33S        | <5     | <0.2   | 10     | 8      | 4      | 120    | 4      | 21     | <5     | 34     |
| 10BRN34S  | 542679  | 6590032  | 2010 | 675.7   | 10BRN34S        | <5     | <0.2   | 10     | 7      | <2     | 98     | 3      | 24     | <5     | 30     |
| 10BRN35S  | 542679  | 6590032  | 2010 | 675.7   | 10BRN35S        | <5     | <0.2   | 10     | 9      | 16     | 54     | 14     | 15     | <5     | 50     |
| 10BRN36S  | 542679  | 6590032  | 2010 | 675.7   | 10BRN36S        | <5     | 0.3    | 15     | 31     | 102    | 442    | 48     | 21     | <5     | 82     |
| 10BRN37S  | 542682  | 6590033  | 2010 | 675.7   | 10BRN37S        | <5     | <0.2   | 5      | 9      | 6      | 144    | 8      | 9      | <5     | 38     |
| 10BRN38S  | 542672  | 6590052  | 2010 | 675.4   | 10BRN38S        | <5     | <0.2   | 5      | 19     | 24     | 120    | 43     | 18     | <5     | 78     |
| 10BRN39S  | 542670  | 6590078  | 2010 | 676.6   | 10BRN39S        | <5     | <0.2   | 10     | 5      | 16     | 12     | 9      | 9      | <5     | 32     |
| 10BRN40S  | 542681  | 6590081  | 2010 | 683.6   | 10BRN40S        | <5     | <0.2   | 10     | 12     | 24     | 128    | 17     | 12     | <5     | 44     |
| WR 10A 1S | 542078  | 6590473  | 2010 | 657.2   | WR 10A 1S       | 1000   | 5.7    | 10     | 70     | 26     | 1126   | 25     | 116    | <5     | 90     |
| WR 10A 2S | 542084  | 6590467  | 2010 | 657.7   | WR 10A 2S       | 145    | 1.2    | <5     | 42     | 152    | 346    | 63     | 102    | <5     | 196    |
| WR 10A 3S | 542087  | 6590456  | 2010 | 661.5   | WR 10A 3S       | 140    | 1.2    | 5      | 58     | 184    | 616    | 80     | 105    | 5      | 176    |
| WR 10A 4S | 542089  | 6590457  | 2010 | 660.8   | WR 10A 4S       | 465    | 6.7    | 10     | 36     | 50     | 496    | 31     | 270    | <5     | 146    |
| WR 10A 5S | 542087  | 6590454  | 2010 | 663.4   | WR 10A 5S       | 245    | 2.8    | 10     | 72     | 46     | 676    | 42     | 240    | <5     | 174    |
| WR 10A 6S | 542093  | 6590449  | 2010 | 666.8   | WR 10A 6S       | 45     | 1.3    | 5      | 36     | 96     | 112    | 40     | 126    | <5     | 132    |
| WR 10A 7S | 542092  | 6590446  | 2010 | 667.5   | WR 10A 7S       | 20     | 0.6    | 5      | 34     | 102    | 48     | 41     | 99     | <5     | 112    |
| 10WRA6S   | 542882  | 6591150  | 2010 | 664.9   | 10WRA6S         | 30     | 0.7    | 1370   | 37     | 68     | 96     | 81     | 51     | 70     | 66     |
| 10WRA7S   | 542882  | 6591213  | 2010 | 665.4   | 10WRA7S         | 40     | 0.3    | 45     | 14     | 20     | 60     | 47     | 24     | 15     | 152    |
| 10WRA8S   | 0       | 0        | 2010 | 0       | 10WRA8S         | 185    | 3.4    | 95     | 87     | 62     | 1748   | 48     | 153    | 10     | 156    |
| 10WRA9S   | 542604  | 6589941  | 2010 | 696.8   | 10WRA9S         | <5     | <0.2   | 15     | 6      | 22     | 16     | 11     | 15     | 10     | 68     |
| 10WRA10S  | 542580  | 6589932  | 2010 | 0       | 10WRA10S        | <5     | <0.2   | 20     | 6      | 22     | 14     | 13     | 12     | <5     | 52     |
| 10WRA11S  | 542580  | 6589928  | 2010 | 709.9   | 10WRA11S        | <5     | <0.2   | 15     | 6      | 18     | 14     | 11     | 12     | <5     | 52     |
| 10WRA12S  | 542626  | 6589924  | 2010 | 691.8   | 10WRA12S        | 20     | 2.5    | 25     | 31     | 20     | 644    | 21     | 252    | 10     | 90     |
| 10WRA13S  | 542480  | 6590092  | 2010 | 0       | 10WRA13S        | 35     | 3.2    | 25     | 3      | 14     | 44     | 5      | 264    | 5      | 198    |





## 10.2 Geophysics

Magnetic geophysical surveys were carried out along Tagish Lake in the winters of 2009 (off-shore of the Engineer Mine) and 2010 (in the Wann River area), delineating a geologically complex environment (*Aspinall, 2009b and 2010*). (Refer to Figure 17).



## 11.0 DRILLING

No drilling has been conducted on the Tagish Lake Project by Blind Creek Resources Limited. However, three drillholes are documented on the Gleaner prospect area of the Engineer Project and there is evidence of previous drilling within the 800m by 180m corridor on the Wann River Project.

A total of 306m in 3 holes of BQ diamond drilling was undertaken on the Gleaner showing by Windarra Minerals Limited under option from Mr. K. Lumsden (*Figure 18*). Maximum results of 1.0 g/t Au, 8.7 g/t Ag over 11.7m, including 2.1 g/t Au, 44.6 g/t Ag over 1.7m were obtained from quartz vein and argillite breccia in DDH 80-1 testing the extension of the B2 vein (*Morgan, 1981*).

Three Winkie drill set ups, estimated to be at least 25-30 years old, were discovered in the Wann River area by Blind Creek Resources Limited. No core, results or record of the drill program could be located. Drill hole locations are tabulated below.

**Table 5: Wann River diamond drillhole locations**

| Hole Designation | Nad 83 Northing | Zone 8 Easting | Elev. (ft) | Target  |
|------------------|-----------------|----------------|------------|---|
| DDH 1            | 6590032         | 542566         | 2283       | NW extent of Brown Vein                         |
| DDH 2            | 6589975         | 542574         | 2278       | River Vein and Brown Adit                       |
| DDH 3            | 6589930         | 542610         | 2319       | River Vein and possible SE extent of Brown Vein |

## 12.0 SAMPLING METHOD AND APPROACH

The 2005, 2008, 2009 and 2010 programs were carried out by or under the direction of Clive Aspinall, P.Eng., a qualified professional in the industry (*Aspinall, 2006, 2008-2010*). The 2006 program was completed by competent personnel with whom the author has previous experience (*Justason and Davies, 2007*). Two samples were collected from the Brown adit by the author in 2010.

Rock samples generally consisted of grab samples of mineralized and altered zones, exposed as subcrop, outcrop and float. It should be noted that there is extremely poor exposure on the property. Samples were located and recorded by GPS in the field using UTM coordinates, Nad 83 datum, Zone 8 projection, placed in clear plastic sample bags, numbered and secured in the field. Sample locations and select results are plotted on Figures 14 to 16 and Plates 1-3. Complete results are contained in the respective yearly reports listed in section 21.0, "References" (*Aspinall, 2006, 2008 to 2010 and Justason and Davies, 2007*).

All samples were analyzed by Eco Tech Laboratory Ltd. (Alex Stewart Geochemical), Kamloops, British Columbia for Al, Sb, As, Ba, Bi, Cd, Ca, Cr, Co, Cu, Fe, La, Pb, Mg, Mn, Mo, Na, Ni, P, Ag, Sr, Ti, Sn, W, U, V, Y and Zn using a 28 element inductively coupled plasma spectroscopy (ICP) package which involves a nitric-aqua regia digestion. Gold was analyzed by fire assay with an atomic absorption finish. Overlimit results were completed for gold by fire assay. Four rock samples were re-analysed for gold, platinum and palladium. Sample procedures are outlined in Appendix II. Eco Tech is an ISO 9001 accredited facility, registration number CDN 52172-07.



***after Morgan, 1981***

**Scale**  **200m**

### 13.0 SAMPLE PREPARATION AND SECURITY

All 2008 to 2010 samples were kept in the custody of Clive Aspinall until delivered to the sample preparation laboratory of Eco Tech Laboratory in Whitehorse for preparation (*Aspinall, 2010*) and then internally sent directly to Kamloops, British Columbia for analysis. The two samples collected by the author in 2010 were personally delivered to the Whitehorse sample preparation laboratory. The 2005 to 2006 samples were directly sent to the Kamloops location. Laboratory sample preparation and analysis procedures are outlined in Appendix III. Quality control procedures were implemented at the laboratory, involving the regular insertion of blanks and standards and repeat analyses of at least 25% of the samples, with re-analyses being performed for one sample in each batch on the original sample prior to splitting (resplit). Sample procedures are outlined in Appendix II.

The following discussion of sample preparation is summarized from Aspinall (2010).

Rock samples were placed in heavy, double-plastic bags, closed with a tie wire and ribbon. Sample numbers were written in waterproof marker on the outside of each sample bag and numbered sample tags were placed inside the bags. Rock and field descriptions, including NAD 83 UTM coordinates were recorded on site in a field note book. A GPS model 76Cx instrument determined locations and sample numbers were also stored in the GPS for later retrieval.

Soil and silt samples were collected in water resistant, kraft paper sample bags. Numbers were written on the outside of each bag, and locations were recorded as outlined above.

A sampling protocol is recommended, involving the routine and regular insertion of blanks, standards and duplicates sent to the primary laboratory, and re-assaying of selected mineralized pulps at a second independent laboratory in the proposed drill program on the project.

### 14.0 DATA VERIFICATION

Two samples collected from the Brown adit (6590036mN, 542629mE, Nad 83, Zone 8 projection) by the author in 2010 confirmed previous results and verified the presence of significant gold-silver values at the Brown adit in the Wann River portion of the Tagish Lake Project (*Table 5*). A previous chip sample from vein material in the adit assayed 8.6 g/t Au and 315.38 g/t Ag (*BC Minfile, 2010*). Grab sample MMI89-59-2A assayed 347 g/t Ag, 17.9 g/t Au, 2.62% Pb, 0.56% Cu, and 1.0% Zn (*BC Minfile, 2010*). The association of high silver values with significant arsenic, antimony and copper geochemistry suggests the presence of freibergite.

**Table 6: Brown Adit sample results**

| SAMPLE NUMBER | TYPE      | DESCRIPTION   | Au<br>ppb | Ag<br>ppm | As<br>ppm | Sb<br>ppm | Pb<br>ppm | Zn<br>ppm | Cu<br>ppm |
|---------------|-----------|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| ADIT-JP1      | 0.9m chip | 0.9m vein zone with parallel quartz veinlets and central 0.4m wide quartz vein trending 100-110/80S | 225       | 8.4       | 70        | 15        | 336       | 458       | 242       |
| ADIT-JP2      | 0.3m chip | 0.3m chip along footwall side of quartz vein with malachite, azurite, freibergite                   | 8.60      | 420       | 1340      | 105       | 1.24      | 4832      | 6594      |

Au and Ag in red in g/t, Pb in red in %

The current geochemical data was verified by sourcing original analytical certificates and digital data. Analytical data quality assurance and quality control was indicated by the favourable reproducibility obtained in laboratory standards, blanks and duplicates. Quality control procedures are discussed under Section 13.0, "Sample Preparation And Security". The geochemical programs between 2005 and 2010 were carried out by qualified personnel. The 2005, 2008, 2009 and 2010 programs were carried out by or under the direction of Clive Aspinall, P.Eng., a qualified professional in the industry.

## 15.0 ADJACENT PROPERTIES

The Engineer Mine property of BCGold Corp., Vancouver, British Columbia is surrounded by the Engineer portion of the Tagish Lake Project of Blind Creek Resources Limited and lies 4 kilometres north of the Wann River area (*Figure 7*). "The Engineer deposit was found in 1899 and produced 597,176 grams of gold between 1913 and 1932. Native gold, tellurides (probably calaverite), pyrite, and trace allemontite (SbS), arsenopyrite, and needles of berthierite ( $\text{FeS-Sb}_2\text{S}_3$ ), which were identified by X-ray analysis, occur in a gangue of quartz, calcite, and mariposite. Good comb-structures, as well as banding and vugs, characterize quartz veins. Host rocks include shales and greywackes of the Laberge Group" (Schroeter, 1986).

Mineralized quartz veins up to 0.9m wide are hosted by a 24m by 3 km long shear zone in Lower Jurassic Laberge greywacke and argillite at the Happy Sullivan (Au, Ag) prospect north of the Engineer area (*Figure 2*). "The Happy Sullivan prospect has a similar mineralogical and geologic setting to that of the Engineer Mine, however, arsenopyrite is locally up to 20 per cent and dendritic crystals of native gold have been found" (Mihalynuk and Mountjoy, 1990). Grab sample results include 323.6 g/t Au 226.2 g/t Ag (Mihalynuk and Mountjoy, 1990).

The Ben-My-Chree (Au, Ag, Cu, Pb, Zn) past producer is surrounded by the northern portion of the Mt. Switzer-Ben My Chree Zone of Blind Creek Resources Limited (*Figure 5*). Approximately 7 tonnes of ore were produced in 1911 at Ben-My-Chree (Steep), from which 93 grams of gold and 31,103 grams of silver were recovered from quartz and quartz-calcite veins hosted by Cretaceous foliated diorites, which contain up to 4% chalcopyrite, galena and pyrite. A grab sample in 1985 returned 11 g/t Au, 450 Ag, 0.14% Cu, 4.25% Pb and 0.037% Zn (Schroeter, 1986).

The mineralization, production and resource information discussed in this section has not been verified by the author and is not necessarily indicative of the mineralization on the Tagish Lake Project which is the subject of this report.

## 16.0 MINERAL PROCESSING AND METALLURGICAL TESTING

The Tagish Lake Project is at an early exploration stage and no metallurgical testing has been carried out.

## 17.0 RESOURCE AND MINERAL RESERVE ESTIMATES

There has not been sufficient drilling on the Tagish Lake Project to undertake a resource calculation or to delineate the limits of mineralization in any direction.

## 18.0 OTHER RELEVANT DATA AND INFORMATION

To the author's knowledge, there is no additional information or explanation necessary to make this technical report understandable and not misleading.

## 19.0 INTERPRETATION AND CONCLUSIONS

Seven Minfile occurrences are documented on the Tagish Lake Project, the Kim (109.7 g/t Ag, 0.7 g/t Au and 4.0% Cu) and Douglas polymetallic vein showings in the southwestern property area, the epithermal style Kirkland showing and Gleaner prospect near the Engineer Mine, the Graham Creek placer, and upstream extent, in the northern property area, and the Brown polymetallic vein showing and the copper-nickel-platinum-palladium Anyox-Rodeo prospect within the Wann River area.

Mineralization at the Brown showing consists of tetrahedrite-freibergite, chalcopyrite, malachite, azurite, molybdenite, pyrite, sphalerite and galena. A sample collected from the Brown adit by the author in 2010, returning 8.6 g/t Au and 420 g/t Ag over 0.3m, confirmed previous results by the British Columbia Geological Survey from a chip sample (assaying 8.6 g/t Au and 315.38 g/t Ag) and verified the presence of significant gold-silver values on the Wann River portion of the Tagish Lake Project.

Results from grab samples from the Wann River area include 263 g/t Au, 1350 g/t Ag, 2.75% Cu, 4.45% Pb and 1.36% Zn in quartz from tailings in the Lum trenches, and 15.9 g/t Au, 440 g/t Ag, and 1.04% Pb from the Newfie, 17.2 g/t Au from the Trail, including 32.9 g/t Au, 1180 g/t Ag and 3.35% Cu and 3.79% Pb from float, and 126 g/t Ag from the River quartz vein showings.

The Wann River area covers a mineralized vein and shear zone prospect related to the Llewellyn Fault Zone, which has acted as a channelway for passage of mineralized solutions and their deposition. Mineralization is confined to narrow structures ranging from less than 80cm to 2m wide, but locally, the structures may widen into quartz stockworks, with widths up to 40m wide.

Recent work on the Tagish Lake Project has focused on the Wann River area based on the widespread indications of precious and variable base metal mineralization within a prospective 800m by 180m wide corridor, association with the productive Llewellyn Fault Zone, and proximity and similarities to the past producing Engineer Mine. There is excellent exploration potential on the Wann River Project to host precious metal mineralization similar to that of the nearby past producing Engineer Mine. "Sheared and altered (broadly silicified) or quartz veined rocks within and adjacent to the Llewellyn fault zone are known to be anomalous in gold" (*Mihalynuk, 1990*).

There is also excellent exploration potential in the Engineer Project area of the Tagish Lake Project to locate additional epithermal style precious metal mineralization similar to that of the nearby past producing Engineer Mine. More than six epithermal veins are reported from the Kirkland showing and Gleaner prospects. Exploration has been hindered due to separate ownership from the Engineer Mine, with the ground previously held by one individual, Mr. Keith Lumsden, since 1971.

Exploration on the Tagish Lake Project has been hampered by lack of exposure, thick overburden cover, variable but generally poor soil profiles, and lack of recent exploration.

## **20.0 RECOMMENDATIONS AND BUDGET**

Based on the widespread indications of precious and variable base metal mineralization within a prospective 800m by 180m wide corridor, association with the Llewellyn Fault Zone, lack of overall exposure, and proximity and similarities to the past producing Engineer Mine, a significant exploration program is recommended on the Wann River portion of the Tagish Lake Project.

An initial 2,000m diamond drill program is recommended in the Wann River area, utilizing a light weight helicopter transported drill capable of drilling NTW size core to a 250m depth, to evaluate the southeastern sector of the corridor. Drill permits are currently in place for this type of program. A ground magnetic geophysical survey is also recommended over the Wann River area to aid in geological mapping due to the paucity of exposure. Most of the core should be split and systematically sampled for gold and ICP. Additional prospecting and sampling can be undertaken at this time on the Wann River portion of the Tagish Lake Project. Approximately \$50,000 of the following budget (5%) is recommended to evaluate the Engineer portion of the project by mapping, prospecting and sampling.

Based on the above recommendations, the following exploration program primarily on the Wann River portion of the Tagish Lake Project with corresponding budget is proposed:

**Budget:**

|  |                    |
|--|--------------------|
| Diamond drilling (2,000m @ \$200/m all in)     | \$ 400,000         |
| Core Racks                                     | \$ 5,000           |
| Wages (2 geologists, core splitter, cook/FA)   | \$ 98,000          |
| Accommodation/camp                             | \$ 20,000          |
| Groceries & Meals                              | \$ 10,000          |
| Geochemistry (1,200 rocks @\$40/each, freight) | \$ 50,000          |
| Magnetic survey                                | \$ 20,000          |
| Field Supplies                                 | \$ 6,000           |
| Rental Equipment/vehicles, ATVs                | \$ 35,000          |
| Communications                                 | \$ 5,000           |
| Aviation Support                               | \$ 175,000         |
| Barge support                                  | \$ 20,000          |
| Public Relations with FN                       | \$ 25,000          |
| Preparation, report drafting                   | \$ 40,000          |
| SUBTOTAL                                       | \$ 909,000         |
| Contingency                                    | \$ 91,000          |
| <b>Total</b>                                   | <b>\$1,000,000</b> |

Respectfully submitted,

"Signed and Sealed"

  
"Jean Pautler"

Jean Pautler, P.Geol.



Effective Date: July 30, 2010

Signed and Sealed: November 30, 2010



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## 22.0 CERTIFICATE, DATE AND SIGNATURE

- 1) I, Jean Marie Pautler of 103-108 Elliott Street, Whitehorse, Yukon Territory am self-employed as a consultant geologist, authored and am responsible for all sections of this report entitled "Technical report on the Tagish Lake Project", dated November 30, 2010.
- 2) I am a graduate of Laurentian University, Sudbury, Ontario with an Honours B.Sc. degree in geology (May, 1980) with 30 years mineral exploration experience in the North American Cordillera. Pertinent experience includes the acquisition and delineation of the Tsacha epithermal gold deposit, British Columbia for Teck Exploration Ltd., experience working on and evaluating epithermal and porphyry prospects and deposits in the North American Cordillera such as the Avino Mine area in Mexico, The Burro Creek Mine area in Arizona, the Grew Creek epithermal gold deposit, the Skukum Creek gold deposit, and the Freegold Project, covering epithermal and porphyry occurrences and deposits, Yukon Territory and regional and initial property work in the Atlin area for J.C. Stephen Explorations Ltd.
- 3) I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia, registration number 19804.
- 4) I have visited the subject mining property of this report and am a "Qualified Person" in the context of and have read and understand National Instrument 43-101 and the Companion Policy to NI 43-101. This report was prepared in compliance with NI 43-101.
- 5) This report is based upon a site visit to the property on July 27, 2010, the author's personal knowledge of the region and a review of pertinent data.
- 6) As stated in this report, in my professional opinion the property is of potential merit and further exploration work is justified.
- 7) To the best of my knowledge this report contains all scientific and technical information required to be disclosed so as not to be misleading.
- 8) I am entirely independent of Blind Creek Resources Limited and any associated companies. I do not have any agreement, arrangement or understanding with Blind Creek Resources Limited and any affiliated company to be or become an insider, associate or employee. I do not own securities in Blind Creek Resources Limited, or any affiliated companies and my professional relationship is at arm's length as an independent consultant, and I have no expectation that the relationship will change.
- 9) I consent to the use of this report by Blind Creek Resources Limited for such assessment and/or regulatory and financing purposes deemed necessary, but if any part shall be taken as an excerpt, it shall be done only with my approval.

Dated at Carcross, Yukon Territory this 30<sup>th</sup> day of November, 2010.

"Signed and Sealed"

Jean Pautler

Jean Pautler, P. Geo. (APEGBC Reg. No. 19804)  
JP Exploration Services Inc.  
#103-108 Elliott St.  
Whitehorse, Yukon Y1A 6C4



The signed and sealed copy of this Certificate, Date and Signature page has been delivered to Blind Creek Resources Limited.

## 23.0 APPENDICES

### APPENDIX I: Statement of Claims, Tagish Lake Claim Group

Owner: Blind Creek Resources Ltd

| Tenure Number | Claim Name       | Map Number | Issue Date  | Good To Date | Area (ha) |
|---------------|------------------|------------|-------------|--------------|-----------|
| 411090        | HOPE 2           | 104M049    | 2004/jun/04 | 2011/may/01  | 25        |
| 411091        | HOPE 3           | 104M049    | 2004/jun/04 | 2011/may/01  | 25        |
| 411092        | HOPE 4           | 104M049    | 2004/jun/04 | 2011/may/01  | 25        |
| 411093        | HOPE 7           | 104M049    | 2004/jun/04 | 2011/may/01  | 25        |
| 411094        | HOPE 1           | 104M049    | 2004/jun/04 | 2011/may/01  | 450       |
| 503984        | ENG              | 104M       | 2005/jan/17 | 2011/may/01  | 16.44     |
| 521228        | HOPE 7           | 104M       | 2005/oct/14 | 2011/may/01  | 345.28    |
| 525258        | WHINE            | 104M       | 2006/jan/13 | 2011/may/01  | 115.223   |
| 525419        | TAGISH #1        | 104M       | 2006/jan/14 | 2011/may/01  | 197.403   |
| 525445        | TAGISH #2        | 104M       | 2006/jan/14 | 2011/may/01  | 395.235   |
| 525452        | TAGISH #3        | 104M       | 2006/jan/14 | 2012/mar/22  | 163.891   |
| 525536        | TAGISH # 3       | 104M       | 2006/jan/15 | 2011/may/01  | 16.452    |
| 526505        | TAGISH 5         | 104M       | 2006/jan/27 | 2011/may/01  | 362.126   |
| 526506        | TAGISH 6         | 104M       | 2006/jan/27 | 2011/may/01  | 345.866   |
| 526885        | CONTIGUOUS       | 104M       | 2006/feb/01 | 2011/may/01  | 82.28     |
| 541829        | GLACIER          | 104M       | 2006/sep/21 | 2011/may/01  | 412.0467  |
| 542086        | DOUGLAS 3        | 104M       | 2006/sep/28 | 2011/may/01  | 346.2841  |
| 597524        | LOWER ENGINEER 1 | 104M       | 2009/jan/14 | 2011/may/01  | 394.9014  |
| 597540        | LOWER ENGINEER 2 | 104M       | 2009/jan/14 | 2011/may/01  | 411.5329  |
| 597560        | LOWER ENGINEER 3 | 104M       | 2009/jan/14 | 2011/may/01  | 411.5533  |
| 597566        | LOWER ENGINEER 4 | 104M       | 2009/jan/14 | 2011/may/01  | 164.6917  |
| 598495        | SOUTH TAGISH     | 104M       | 2009/feb/02 | 2011/may/01  | 395.5419  |
| 598504        | SOUTH TAGISH 2   | 104M       | 2009/feb/02 | 2011/may/01  | 379.3736  |
| 598513        | SOUTH TAGISH 3   | 104M       | 2009/feb/02 | 2011/may/01  | 345.9858  |
| 598517        | EAST ENGINEER 1  | 104M       | 2009/feb/02 | 2011/may/01  | 395.0259  |
| 598520        | SOUTH TAGISH 4   | 104M       | 2009/feb/02 | 2011/may/01  | 346.5109  |
| 604893        | FLORENCE 1       | 104M       | 2009/may/23 | 2012/jul/18  | 396.0267  |
| 675643        | WANN#1           | 104M       | 2009/nov/27 | 2011/may/01  | 296.1937  |
| 709442        | RUPERT #1        | 104M       | 2010/feb/28 | 2011/feb/28  | 245.7935  |
| 712622        | RUPERT #2        | 104M       | 2010/mar/04 | 2011/mar/04  | 410.4157  |
| Total         |                  |            |             |              | 7942.0738 |
| Tenure Number | Claim Name       | Map Number | Issue Date  | Good To Date | Area (ha) |
| 712642        | RUPERT #3        | 104M       | 2010/mar/04 | 2011/mar/04  | 164.4522  |
| 712662        | RUPERT #4        | 104M       | 2010/mar/04 | 2011/mar/04  | 409.9984  |
| 712682        | RUPERT #5        | 104M       | 2010/mar/04 | 2011/mar/04  | 328.1787  |
| 712823        | RUPERT #6        | 104M       | 2010/mar/04 | 2011/mar/04  | 393.3484  |
| 712862        | FLORENCE #2      | 104M       | 2010/mar/04 | 2011/mar/04  | 395.9268  |
| 712883        | FLORENCE #3      | 104M       | 2010/mar/04 | 2011/mar/04  | 395.9696  |
| 717642        | FLORENCE # 4     | 104M       | 2010/mar/07 | 2011/mar/07  | 396.1994  |
| 719062        | FLORENCE#5       | 104M       | 2010/mar/09 | 2011/mar/09  | 412.9059  |
| 719082        | FLORENCE#6       | 104M       | 2010/mar/09 | 2011/mar/09  | 395.8394  |
| 719102        | FLORENCE#7       | 104M       | 2010/mar/09 | 2011/mar/09  | 395.8221  |
| 719122        | FLORENCE#8       | 104M       | 2010/mar/09 | 2011/mar/09  | 395.7863  |
| 719142        | FLORENCE#9       | 104M       | 2010/mar/09 | 2011/mar/09  | 395.7322  |
| 719162        | FLORENCE#11      | 104M       | 2010/mar/09 | 2011/mar/09  | 395.568   |
| 719182        | FLORENCE#12      | 104M       | 2010/mar/09 | 2011/mar/09  | 412.6802  |
| 719202        | FLORENCE#13      | 104M       | 2010/mar/09 | 2011/mar/09  | 396.0894  |
| 719222        | FLORENCE#14      | 104M       | 2010/mar/09 | 2011/mar/09  | 396.0839  |

| 719242        | FLORENCE#15             | 104M       | 2010/mar/09 | 2011/mar/09  | 396.1049   |
|---------------|-------------------------|------------|-------------|--------------|------------|
| 725202        | PROSPECTOR#4            | 104M       | 2010/mar/12 | 2011/mar/12  | 394.3832   |
| 725244        | PROSPECTOR#5            | 104M       | 2010/mar/12 | 2011/mar/12  | 410.8307   |
| 725302        | FLORENCE #16            | 104M       | 2010/mar/12 | 2011/mar/12  | 395.373    |
| 725723        | PROSPECTOR#6            | 104M       | 2010/mar/12 | 2011/mar/12  | 394.5368   |
| 725923        | PROSPECTOR#7            | 104M       | 2010/mar/12 | 2011/mar/12  | 328.7847   |
| 726022        | PROSPECTOR#8            | 104M       | 2010/mar/12 | 2011/mar/12  | 411.2091   |
| 726123        | PROSPECTOR#9            | 104M       | 2010/mar/12 | 2011/mar/12  | 411.2027   |
| 794302        | TAGISH LAKE SOUTHWEST   | 104M       | 2010/jun/17 | 2011/jun/17  | 148.2057   |
| 799323        | TAGISH LAKE WEST #2     | 104M       | 2010/jun/26 | 2011/jun/26  | 411.8702   |
| 799382        | TAGISH LAKE#1           | 104M       | 2010/jun/26 | 2011/jun/26  | 263.5926   |
| 799402        | EDGAR LAKE NE#1         | 104M       | 2010/jun/26 | 2011/jun/26  | 312.9945   |
| 799462        | MOUNT SWITZER SLOPES #1 | 104M       | 2010/jun/26 | 2011/jun/26  | 395.6568   |
| Totals        |                         |            |             |              | 10755.3258 |
| Tenure Number | Claim Name              | Map Number | Issue Date  | Good To Date | Area (ha)  |
| 819002        | WHITE CAPS 1            | 104M       | 2010/jul/15 | 2011/jul/15  | 378.5439   |
| 819222        | WHITE CAPS 2            | 104M       | 2010/jul/15 | 2011/jul/15  | 395.2576   |
| 819282        | WHITE CAPS 3            | 104M       | 2010/jul/15 | 2011/jul/15  | 395.4206   |
| 819382        | SLOPE 1                 | 104M       | 2010/jul/15 | 2011/jul/15  | 412.135    |
| 819422        | KIM WEST 1              | 104M       | 2010/jul/15 | 2011/jul/15  | 412.688    |
| 819442        | KIM NORTHWEST           | 104M       | 2010/jul/15 | 2011/jul/15  | 247.5047   |
| 819542        | NELSON 1                | 104M       | 2010/jul/15 | 2011/jul/15  | 395.8838   |
| 819602        | BENMYCHREE 1            | 104M       | 2010/jul/15 | 2011/jul/15  | 395.2999   |
| 819622        | BENMYCHREE 2            | 104M       | 2010/jul/15 | 2011/jul/15  | 395.4762   |
| 819662        | BENMYCHREE 3            | 104M       | 2010/jul/15 | 2011/jul/15  | 395.6598   |
| 819682        | BENMYCHREE 4            | 104M       | 2010/jul/15 | 2011/jul/15  | 394.9657   |
| 819702        | BENMYCHREE 5            | 104M       | 2010/jul/15 | 2011/jul/15  | 395.1589   |
| 819722        | BENMYCHREE 6            | 104M       | 2010/jul/15 | 2011/jul/15  | 395.3418   |
| 819742        | BENMYCHREE 7            | 104M       | 2010/jul/15 | 2011/jul/15  | 395.5155   |
| 819762        | BENMYCHREE 8            | 104M       | 2010/jul/15 | 2011/jul/15  | 247.2974   |
| 819782        | BENMYCHREE 9            | 104M       | 2010/jul/16 | 2011/jul/16  | 395.2911   |
| 819802        | BENMYCHREE 10           | 104M       | 2010/jul/16 | 2011/jul/16  | 32.9647    |
| 819822        | KIM NORTH               | 104M       | 2010/jul/16 | 2011/jul/16  | 395.8449   |
| 820742        | BENMYCHREE 11           | 104M       | 2010/jul/17 | 2011/jul/17  | 411.3394   |
| 820762        | BENMYCHREE 12           | 104M       | 2010/jul/17 | 2011/jul/17  | 411.7545   |
| 820782        | BENMYCHREE 14           | 104M       | 2010/jul/17 | 2011/jul/17  | 296.8147   |
| 821462        | GRAHAM 1                | 104M       | 2010/jul/19 | 2011/jul/19  | 409.7073   |
| 821482        | RUPERT #7               | 104M       | 2010/jul/19 | 2011/jul/19  | 410.0077   |
| 821502        | RUPERT #8               | 104M       | 2010/jul/19 | 2011/jul/19  | 410.2556   |
| 821522        | RUPERT # 9              | 104M       | 2010/jul/19 | 2011/jul/19  | 410.5328   |
| 821542        | PROSPECTOR # 10         | 104M       | 2010/jul/19 | 2011/jul/19  | 410.7384   |
| 821582        | PROSPECTOR #11          | 104N       | 2010/jul/19 | 2011/jul/19  | 377.8607   |
| 821602        | PROSPECTOR #12          | 104N       | 2010/jul/19 | 2011/jul/19  | 394.6536   |
| 821622        | PROSPECTOR # 14         | 104N       | 2010/jul/19 | 2011/jul/19  | 411.2113   |
| 821922        | ATLIN WANN LINK 1       | 104N       | 2010/jul/20 | 2011/jul/20  | 409.1481   |
| 821942        | ATLIN WANN LINK 2       | 104N       | 2010/jul/20 | 2011/jul/20  | 409.2683   |
| 821982        | ATLIN WANN LINK 3       | 104M       | 2010/jul/20 | 2011/jul/20  | 409.6463   |
| Totals        |                         |            |             |              | 12059.1882 |
| Tenure Number | Claim Name              | Map Number | Issue Date  | Good To Date | Area (ha)  |
| 822002        | ATLIN WANN LINK 4       | 104M       | 2010/jul/20 | 2011/jul/20  | 163.8597   |
| 822022        | PROSPECTOR # 15         | 104N       | 2010/jul/20 | 2011/jul/20  | 246.7684   |
| 822202        | PROSPECTOR #15          | 104M       | 2010/jul/21 | 2011/jul/21  | 411.4626   |



| 822222               | PROSPECTOR #16    | 104M              | 2010/jul/21       | 2011/jul/21         | 411.7166          |
|----------------------|-------------------|-------------------|-------------------|---------------------|-------------------|
| 822242               | PROSPECTOR #17    | 104M              | 2010/jul/21       | 2011/jul/21         | 411.4542          |
| 822262               | PROSPECTOR#18     | 104M              | 2010/jul/21       | 2011/jul/21         | 411.7057          |
| 822282               | PROSPECTOR #19    | 104N              | 2010/jul/21       | 2011/jul/21         | 411.4449          |
| 822302               | PROSPECTOR #20    | 104N              | 2010/jul/21       | 2011/jul/21         | 411.6946          |
| 822322               | PROSPECTOR # 21   | 104N              | 2010/jul/21       | 2011/jul/21         | 411.4381          |
| 822342               | PROSPECTOR #22    | 104N              | 2010/jul/21       | 2011/jul/21         | 392.3522          |
| 822362               | PROSPECTOR #23    | 104M              | 2010/jul/21       | 2011/jul/21         | 378.9079          |
| 822382               | PROSPECTOR #24    | 104N              | 2010/jul/21       | 2011/jul/21         | 411.8653          |
| 822402               | PLATEAU #1        | 104M              | 2010/jul/21       | 2011/jul/21         | 411.0071          |
| 822442               | PLATEAU #2        | 104M              | 2010/jul/21       | 2011/jul/21         | 411.2611          |
| 822462               | PLATEAU #3        | 104M              | 2010/jul/21       | 2011/jul/21         | 411.5148          |
| 822642               | PLATEAU #4        | 104M              | 2010/jul/21       | 2011/jul/21         | 411.7592          |
| 822662               | PLATEAU #5        | 104M              | 2010/jul/21       | 2011/jul/21         | 410.9578          |
| 822723               | PLATEAU # 6       | 104M              | 2010/jul/21       | 2011/jul/21         | 411.2108          |
| 822842               | PLATEAU #7        | 104M              | 2010/jul/21       | 2011/jul/21         | 411.4631          |
| 822862               | PLATEAU #8        | 104M              | 2010/jul/21       | 2011/jul/21         | 411.7158          |
| 822882               | PLATEAU #9        | 104M              | 2010/jul/21       | 2011/jul/21         | 394.5445          |
| 822902               | PLATEAU #10       | 104M              | 2010/jul/21       | 2011/jul/21         | 394.8348          |
| 822922               | PLATEAU # 11      | 104M              | 2010/jul/21       | 2011/jul/21         | 395.1256          |
| 822942               | PLATEAU # 12      | 104M              | 2010/jul/21       | 2011/jul/21         | 395.3838          |
| 822962               | CAMERON # 1       | 104M              | 2010/jul/21       | 2011/jul/21         | 412.1479          |
| 822982               | CAMERON #2        | 104M              | 2010/jul/21       | 2011/jul/21         | 379.4638          |
| 823002               | CAMERON # 4       | 104M              | 2010/jul/21       | 2011/jul/21         | 411.909           |
| 823022               | CAMERON #3        | 104M              | 2010/jul/21       | 2011/jul/21         | 313.2796          |
| 823082               | CAMERON # 5       | 104M              | 2010/jul/21       | 2011/jul/21         | 361.8939          |
| 823102               | CAMERON#6         | 104M              | 2010/jul/21       | 2011/jul/21         | 395.1259          |
| 823122               | CAMERON #7        | 104M              | 2010/jul/21       | 2011/jul/21         | 395.3835          |
| <b>Totals</b>        |                   |                   |                   |                     | <b>12014.6522</b> |
| <b>Tenure Number</b> | <b>Claim Name</b> | <b>Map Number</b> | <b>Issue Date</b> | <b>Good To Date</b> | <b>Area (ha)</b>  |
| 823142               | CAMERON # 8       | 104M              | 2010/jul/21       | 2011/jul/21         | 164.8258          |
| 823182               | NELSON 2          | 104M              | 2010/jul/21       | 2011/jul/21         | 396.0235          |
| 823202               | GOLDEN GATE #1    | 104M              | 2010/jul/21       | 2011/jul/21         | 409.5654          |
| 823222               | GOLDEN GATE #2    | 104M              | 2010/jul/21       | 2011/jul/21         | 393.4265          |
| 823242               | GOLDEN GATE #3    | 104M              | 2010/jul/21       | 2011/jul/21         | 278.6008          |
| 823262               | GOLDEN GATE # 4   | 104M              | 2010/jul/21       | 2011/jul/21         | 294.8251          |
| 823483               | FETTERLY #1       | 104N              | 2010/jul/21       | 2011/jul/21         | 394.0803          |
| 823502               | FETTERLY #2       | 104M              | 2010/jul/21       | 2011/jul/21         | 394.1501          |
| 823522               | GRAHAM CR. #1     | 104M              | 2010/jul/21       | 2011/jul/21         | 409.5084          |
| 823542               | GRAHAM CR. #2     | 104M              | 2010/jul/21       | 2011/jul/21         | 409.2448          |
| 823562               | GRAHAM CR. # 3    | 104M              | 2010/jul/21       | 2011/jul/21         | 408.9813          |
| 823582               | FETTERLY #3       | 104M              | 2010/jul/21       | 2011/jul/21         | 393.3964          |
| 823602               | FETTERLY #4       | 104M              | 2010/jul/21       | 2011/jul/21         | 393.5709          |
| 823622               | FETTERLY # 5      | 104M              | 2010/jul/21       | 2011/jul/21         | 393.7593          |
| 823642               | FETTERLY #5       | 104M              | 2010/jul/21       | 2011/jul/21         | 393.8929          |
| 823662               | FETTERLY #6       | 104N              | 2010/jul/21       | 2011/jul/21         | 393.7392          |
| 823682               | FETTERLY #7       | 104N              | 2010/jul/21       | 2011/jul/21         | 393.544           |
| 823702               | FETTERLY #8       | 104N              | 2010/jul/21       | 2011/jul/21         | 393.3653          |
| 823722               | FETTERLY #9       | 104M              | 2010/jul/21       | 2011/jul/21         | 361.146           |
| 823742               | FETTERLY #10      | 104M              | 2010/jul/21       | 2011/jul/21         | 394.1465          |
| 823762               | FETTERLY # 11     | 104M              | 2010/jul/21       | 2011/jul/21         | 394.1449          |
| 823782               | FETTERLY #12      | 104M              | 2010/jul/21       | 2011/jul/21         | 394.1412          |

| 823802               | FETTERLY #14        | 104M              | 2010/jul/21       | 2011/jul/21         | 394.138           |
|----------------------|---------------------|-------------------|-------------------|---------------------|-------------------|
| 823822               | FETTERLY #15        | 104N              | 2010/jul/21       | 2011/jul/21         | 197.0628          |
| 823842               | GRAHAM CR. #4       | 104M              | 2010/jul/21       | 2011/jul/21         | 409.3059          |
| 823862               | GRAHAM CR.#5        | 104M              | 2010/jul/21       | 2011/jul/21         | 409.1188          |
| 823882               | GRAHAM CR. #6       | 104M              | 2010/jul/21       | 2011/jul/21         | 392.5828          |
| 823902               | BROOKLANDS #1       | 104M              | 2010/jul/21       | 2011/jul/21         | 393.4001          |
| 824002               | BROOKLANDS #2       | 104M              | 2010/jul/22       | 2011/jul/22         | 393.3893          |
| 824023               | BROOKLANDS #4       | 104M              | 2010/jul/22       | 2011/jul/22         | 393.5816          |
| 824042               | BROOKLANDS #5       | 104M              | 2010/jul/22       | 2011/jul/22         | 393.7689          |
| 824062               | BROOKLANDS #6       | 104M              | 2010/jul/22       | 2011/jul/22         | 393.5796          |
|                      |                     |                   |                   |                     | <b>12022.0064</b> |
| <b>Tenure Number</b> | <b>Claim Name</b>   | <b>Map Number</b> | <b>Issue Date</b> | <b>Good To Date</b> | <b>Area (ha)</b>  |
| 824082               | BROOKLANDS #7       | 104M              | 2010/jul/22       | 2011/jul/22         | 393.7687          |
| 824162               | BROOKLANDS #8       | 104M              | 2010/jul/22       | 2011/jul/22         | 393.4813          |
| 824263               | BROOKLANDS #9       | 104M              | 2010/jul/22       | 2011/jul/22         | 393.8404          |
| 824342               | BROOKLANDS # 10     | 104M              | 2010/jul/22       | 2011/jul/22         | 295.4324          |
| 824422               | GRAHAM CR.#7        | 104M              | 2010/jul/22       | 2011/jul/22         | 393.1252          |
| 824442               | GRAHAM CR. #8       | 104N              | 2010/jul/22       | 2011/jul/22         | 327.2812          |
| 824462               | GRAHAM CR. 9        | 104M              | 2010/jul/22       | 2011/jul/22         | 392.6435          |
| 824482               | GRAHAM CR. 10       | 104M              | 2010/jul/22       | 2011/jul/22         | 327.4348          |
| 824502               | GRAHAM CR. #11      | 104M              | 2010/jul/22       | 2011/jul/22         | 262.0995          |
| 824522               | GRAHAM CR. #12      | 104M              | 2010/jul/22       | 2011/jul/22         | 408.7244          |
| 824542               | GRAHAM CR. #14      | 104M              | 2010/jul/22       | 2011/jul/22         | 359.4409          |
| 824562               | DUNDEE #1           | 104N              | 2010/jul/22       | 2011/jul/22         | 408.9289          |
| 824582               | DUNDEE #2           | 104N              | 2010/jul/22       | 2011/jul/22         | 409.2403          |
| 824602               | DUNDEE # 3          | 104N              | 2010/jul/22       | 2011/jul/22         | 408.786           |
| 824622               | DUNDEE #4           | 104N              | 2010/jul/22       | 2011/jul/22         | 392.4006          |
| 824642               | DUNDEE#5            | 104N              | 2010/jul/22       | 2011/jul/22         | 392.4011          |
| 824942               | UPPER GRAHAM CR.1   | 104M              | 2010/jul/22       | 2011/jul/22         | 327.0015          |
| 828102               | NAHLIN #1           | 104M              | 2010/jul/26       | 2011/jul/26         | 375.7916          |
| 828122               | NAHLIN#2            | 104M              | 2010/jul/26       | 2011/jul/26         | 326.9974          |
| 828142               | NAHLIN #3           | 104M              | 2010/jul/26       | 2011/jul/26         | 408.9677          |
| 828162               | NAHLIN # 4          | 104M              | 2010/jul/26       | 2011/jul/26         | 408.7144          |
| 828182               | NAHLIN#5            | 104M              | 2010/jul/26       | 2011/jul/26         | 408.4607          |
| 828202               | HUSSELBEE WEST #1   | 104M              | 2010/jul/26       | 2011/jul/26         | 359.5906          |
| 828222               | HUSSELBEE WEST #2   | 104M              | 2010/jul/26       | 2011/jul/26         | 408.4683          |
| 828242               | HUSSELBEE WEST #3   | 104N              | 2010/jul/26       | 2011/jul/26         | 408.4707          |
| 828262               | HUSSELBEE WEST #4   | 104N              | 2010/jul/26       | 2011/jul/26         | 408.4703          |
| 828282               | HUSSELBEE WEST#5    | 104N              | 2010/jul/26       | 2011/jul/26         | 408.4768          |
| 828302               | HUSSELBEE WEST #6   | 104N              | 2010/jul/26       | 2011/jul/26         | 310.483           |
| 828322               | NAHLIN#5            | 104M              | 2010/jul/26       | 2011/jul/26         | 360.11            |
| 829182               | NELSON #2           | 104M              | 2010/jul/27       | 2011/jul/27         | 411.8543          |
| <b>Totals</b>        |                     |                   |                   |                     | <b>11290.8865</b> |
| <b>Tenure Number</b> | <b>Claim Name</b>   | <b>Map Number</b> | <b>Issue Date</b> | <b>Good To Date</b> | <b>Area (ha)</b>  |
| 829202               | NELSON#3            | 104M              | 2010/jul/27       | 2011/jul/27         | 412.0028          |
| 829222               | NELSON#4            | 104M              | 2010/jul/27       | 2011/jul/27         | 412.3333          |
| 830422               | GRAHAM-WANN LINK #1 | Mineral           | 2010/jul/29       | 2011/jul/29         | 147.4037          |
| <b>Totals</b>        |                     |                   |                   |                     | <b>971.7398</b>   |
| <b>Total Area</b>    |                     | <b>(Hectares)</b> |                   |                     | <b>67,055.902</b> |

## **APPENDIX II: Geochemical Procedure**

### **ECO TECH LABORATORY (STEWART GROUP)**

#### **Analytical Method for**

#### ***GEOCHEMICAL GOLD ANALYSIS***

Samples are catalogued and dried. Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Samples unable to produce adequate minus 80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and a 250 gram subsample is pulverized on a ring mill pulverizer to -140 mesh. The subsample is rolled, homogenized and bagged in a pre-numbered bag.

The sample is weighed to 10/15/30 grams and fused along with proper fluxing materials. The bead is digested in aqua regia and analyzed on an atomic absorption instrument. Over-range values for rocks are re-analyzed using gold assay methods.

Appropriate reference materials accompany the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client.

#### ***GOLD and PGE ASSAYS***

Samples are sorted and dried (if necessary). The samples are crushed through a jaw crusher and cone or rolls crusher to -10 mesh. The sample is split through a Jones riffle until a -250 gram subsample is achieved. The subsample is pulverized in a ring & puck pulverizer to 95% - 140 mesh. The sample is rolled to homogenize.

For gold, a 1/2 or 1.0 assay ton sample size is fire assayed using appropriate fluxes. The resultant dore bead is parted and then digested with aqua regia and then analyzed on a Perkin Elmer AA instrument.

Determinations for Au, Pt and Pd are completed by classical lead-collection fire assay on a 1 assay ton sample (30g). Analysis is by ICP after digestion of the dore bead.

Appropriate standards and repeat sample (Quality Control components) accompany the samples on the data sheet.

## **Analytical Procedure Assessment Report**

### ***MULTI ELEMENT ICP ANALYSIS***

Samples are catalogued and dried. Soil samples are screened to obtain a -80 mesh sample. Samples unable to produce adequate -80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and pulverized on a ring mill pulverizer to minus 140 mesh, rolled and homogenized.

A 0.5 gram sample is digested with aqua regia which contains beryllium which acts as an internal standard. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

### ***BASE METAL ASSAYS (Ag, Cu, Pb, Zn)***

Samples are catalogued and dried. Rock samples are 2 stage crushed followed by pulverizing a 250 gram subsample. The subsample is rolled and homogenized and bagged in a pre-numbered bag.

A suitable sample weight is digested with aqua regia. The sample is allowed to cool, bulked up to a suitable volume and analyzed by an atomic absorption instrument, to .01 % detection limit.

Appropriate certified reference materials accompany the samples through the process providing accurate quality control.

Result data is entered along with standards and repeat values and are faxed and/or mailed to the client.