

**TECHNICAL REPORT**  
**SKUKUM GOLD-SILVER PROJECT**  
Whitehorse Mining District, Yukon Territory, Canada  
**prepared for:**  
**NEW PACIFIC METALS CORP.**  
**by**  
Christopher O. Naas, *P. Geo.*  
CME Consultants Inc.  
**and**  
Ronald G. Simpson, *P. Geo.*  
GeoSim Services, Inc.  
**July 16, 2012**

*NTS 105D03,04,05,06*

*Latitude: 60°10'N*

*Longitude: 135°30'W*

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  - b. Certificates of Standard Reference Material

## 1.0 SUMMARY

The Skukum Property (the “Property”) is located in south western Yukon Territory, Canada, approximately 55 kilometres south of the territory’s capital city, Whitehorse. The 254.8 km<sup>2</sup> Property consists of 1,150 full or fractional Quartz Mining claims and 3 Crown Grants which encompass the Skukum Creek gold-silver prospect, the Goddell gold prospect, and the past-producing Mt. Skukum gold mine. Production at Mt. Skukum was undertaken between February 1986 and August 1988 during which a total of 233,400 tons of ore were processed in the plant, recovering 2,500 kilograms (77,790 tr. oz.) of gold.

The Property is situated on the boundary between the Jurassic andesites and siliciclastic rocks of the Stikine Terrane and Paleozoic gneisses of the Nisling Terrane. This package is intruded by the late Triassic to Jurassic Bennett Granite and Cretaceous intrusions of the Coast Plutonic Complex which includes: the Mt. McNeil granodiorite, the Mt. Ward granite and Carbon Hill quartz monzonite. Intermediate Cretaceous volcanic rocks of the Mt. Nansen Group deposited approximately coeval with the Coast Plutonic Complex, are present on the Property east of the Wheaton River (Lang *et al.*, 2003). These rocks are separated from the late Paleocene to early Eocene rocks of the Mount Skukum volcanic complex, which outcrop in the northwestern part of the property, by east- to northeast-trending structures. These and parallel structures host gold-silver mineralization on the Property.

Historical resource estimates have been completed on all three deposits prior to New Pacific’s involvement with the Property. A reserve estimate at Mt. Skukum (Lake Zone) was performed in 1988 and reported 109,200 tonnes grading 14.7 g/t Au. It is not believed that this estimate would meet current industry standards or definitions, therefore is presented only for historical interest. The most recent estimates for Skukum Creek (2003, and updated in 2007) and Goddell Gully (2003) were carried out in accordance to industry best practices and disclosed in compliance with National Instrument 43-101. These historic resource estimates are presented below are based on a 3 g/t gold or gold-equivalent cut-off grade.

- 2007 Skukum Creek Deposit mineral resource estimate:
  - Measured Mineral Resource of 220,000 tonnes at 5.3 g/t Au, 221 g/t Ag;
  - Indicated Mineral Resource of 1,000,000 tonnes at 6.0 g/t Au, 164 g/t Ag;
  - Inferred Mineral Resource of 251,000 tonnes at 6.1 g/t Au, 145 g/t Ag;
- 2003 Goddell Gully mineral resource estimate:
  - Indicated Mineral Resource of 400,000 tonnes at 9.55 g/t Au;
  - Inferred Mineral Resource of 350,000 tonnes at 8.11 g/t Au.

The current work program undertook a resource study on the Mt Skukum (Lake Zone), Skukum Creek, and Goddell Gully deposits using all available exploration data. The current resource estimates, using a 3 g/t gold or 3 g/t gold-equivalent, are summarized below:

- Mt. Skukum (Lake Zone):
  - Inferred Mineral Resource of 90,500 tonnes at 9.51 g/t Au equivalent;
- Skukum Creek:
  - Indicated Mineral Resource of 1,086,800 tonnes at 8.73 g/t Au equivalent; and,
  - Inferred Mineral Resource of 586,000 tonnes at 6.83 g/t Au equivalent.
- Goddell Gully:
  - Indicated Mineral Resource of 329,700 tonnes at 8.13 g/t Au; and,
  - Inferred Mineral Resource of 483,900 tonnes at 7.13 g/t Au.

The selected base case cut-off grade of 3.0 g/t gold or gold equivalent is considered to be generally consistent with the economic cut-off for other mineral deposits of similar characteristics, scale and location (using metal prices of US\$1,300 per ounce Au and US\$26 per ounce Ag). The effective date for these resource estimates is July 16, 2012.

At the Skukum Creek deposit, the current resource tonnage is higher than the historical estimate, but the overall grade in terms of Au equivalent has dropped by approximately 13%. Grade capping differences between the resource estimates are a probable source of the discrepancy. Tonnage increases are mainly due to deep drilling by New Pacific in 2011. Gains here were offset by changes in the constraining wireframe, due to revisions and modification of the interpreted mineralized zones. Additional surface and underground drilling and underground sampling have also been carried out on the deposit since the previous resource estimate.

At the Goddell Gully the current tonnage is 8% greater than the historical figure, but does show a drop in overall average grade of about 15% at a 3 g/t Au cut-off-grade. By comparing with an uncapped estimate it is concluded that about 10% of the difference is directly due to grade capping and 5% due to diluting unsampled intervals within the minimum width of 1.5 metres. Above a 4 g/t Au cut-off grade the difference appears to be mainly attributable to capping. There are also differences in the interpretation of the mineralized zones and reflected in the constraining wireframe.

Recommendations focus on expanding the resource base and increasing the confidence in the modelling of the three deposits. Recommended work includes surface and underground diamond drilling, surveying, infill sampling of historical core and underground chip sampling. Underground drilling would be dependant upon the extent of the available underground access.

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

This report was prepared by CME Consultants Inc. (CME) at the request of New Pacific Metals Corp. (New Pacific). This report documents the results of the resource modeling and estimation of three deposits on the property: Mt Skukum (Lake Zone), Skukum Creek and Goddell Gully. Resource estimates were undertaken by Mr. Ronald G. Simpson, *P.Geo.* of GeoSim Services, Inc. and have been prepared to meet the requirements as defined under National Instrument 43-101 (NI43-101).

As part of the process, a property visit was made to obtain core samples for verification of historical drilling as well as drilling by New Pacific Metals Corp. in 2011.

A list of abbreviations and conversion factors are presented in Appendix I. Structural orientations or Cartesian directions in this report are referenced with respect to true north.

## **3.0 RELIANCE ON OTHER EXPERTS**

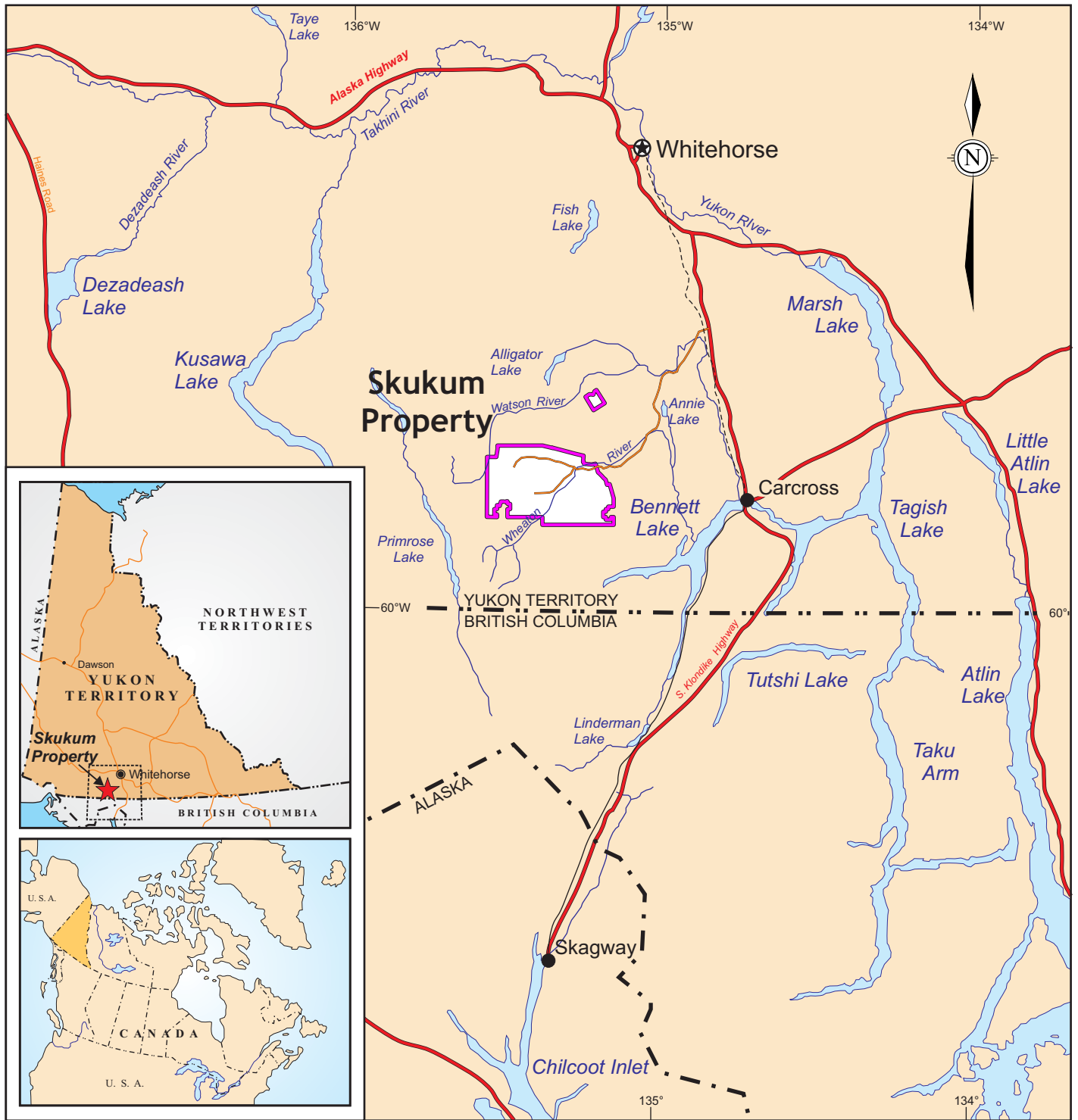
In the disclosure of information relating to title and related issues, the authors have relied on information provided by the Mining Recorder of Whitehorse, Yukon, and by New Pacific Metals Corp. The disclosure represents no legal opinion of the authors.

Certificates of the authors are presented in Section 20.0.

## **4.0 PROPERTY DESCRIPTION AND LOCATION**

The Skukum property (“the Property”) is located approximately 80 kilometres south of Whitehorse, in the Whitehorse Mining District of the Yukon Territory, Canada (Figure 1). The Property’s approximate center is 60°10'N latitude and 135°30'W longitude and falls on NTS mapsheets 105D03, 105D04, and 105D06.

The 254.8 km<sup>2</sup> Property consists of 1,150 full or fractional Quartz Mining claims and 3 Crown Grants which encompass the Skukum Creek gold-silver prospect, the Goddell gold prospect, the past-producing Mt. Skukum gold mine as well as a large number of gold showings (Figure 2). As of May 7, 2012, 982 Quartz claims are registered under Tagish Lake Gold Corp. and 528 are registered under New Pacific Metals Corp. Thirty claims, HO 1-30, (Grant No’s. YB95941-YB95970) are not contiguous with the main Property but are located 8.6 kilometres to the northeast of the camp facility.



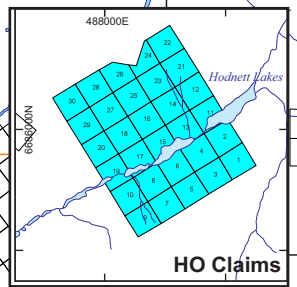
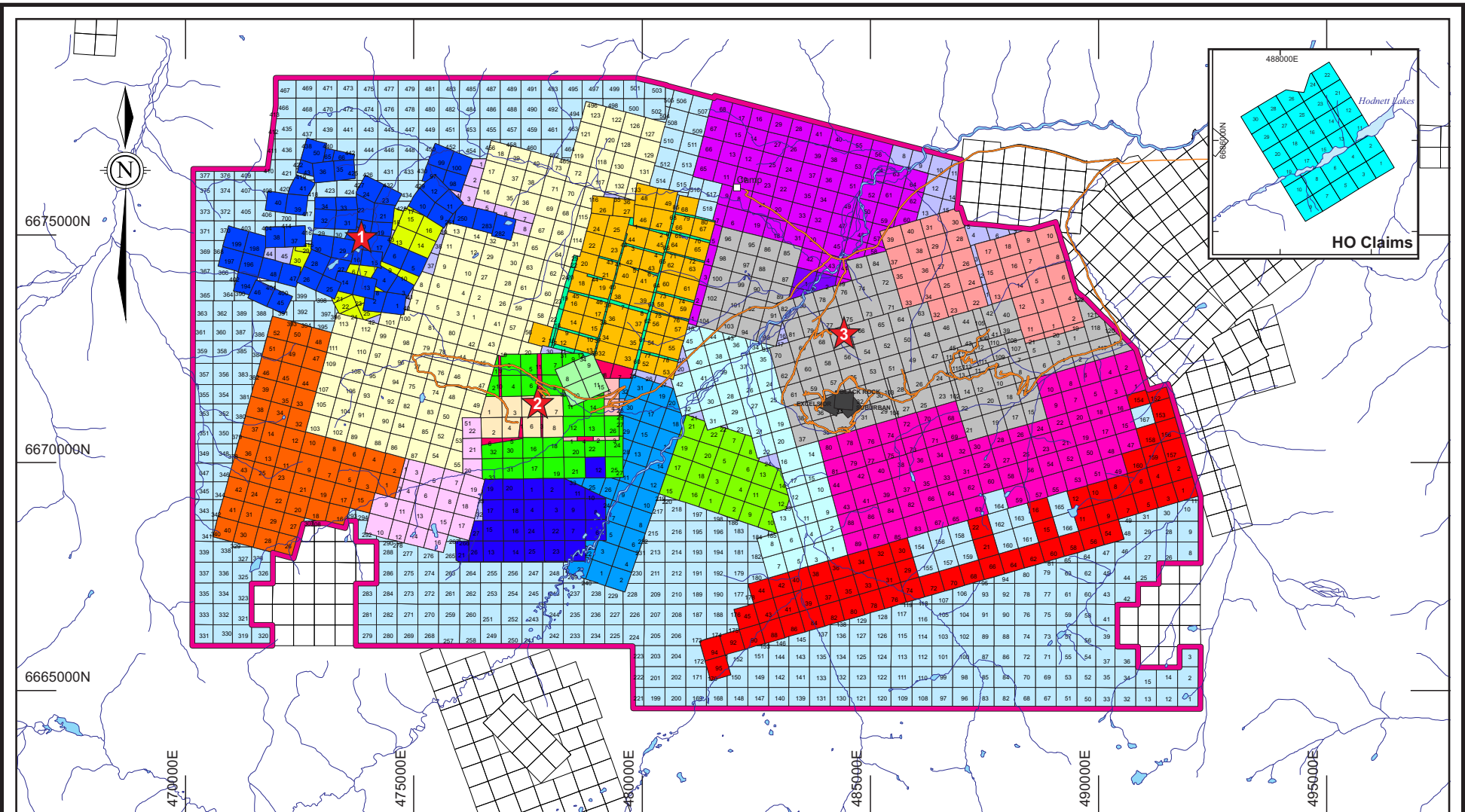
**NEW PACIFIC METALS CORP.**

**LOCATION MAP  
Skukum Property**

Skukum Project  
Whitehorse Mining District, Yukon Territory, Canada

Project No:	P68	By:	NH
Scale:	1:1,000,000	Drawn:	TV
Figure:	1	Date:	May 2012





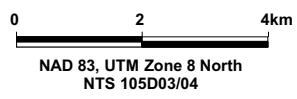
**LEGEND**  
Tagish Lake Gold Claims

- |       |      |      |
|-------|------|------|
| BERG  | KIR  | PUP  |
| CHAR  | KUKU | RACA |
| CHIEF | LB   | STEN |
| CL    | MB   | TECH |
| DG    | MIL  | TEX  |
| ERN   | MOM  | TM   |
| GLEE  | OMNI | TREE |
| HO    | POP  | WH   |

**New Pacific Metals Claims**

- |     |
|-----|
| RIG |
| SKO |
| SKU |
- Other**
- |                   |
|-------------------|
| Crown Grants      |
| Non-Skukum claims |

- Skukum Property (as of May 7, 2012)
- Deposit location: 1. Mt Skukum  
2. Skukum Creek  
3. Goddell Gully
- Access roads and trails (not all shown)



**NEW PACIFIC METALS CORP.**

**CLAIM MAP**  
**Skukum Property**

Skukum Project  
Whitehorse Mining District, Yukon Territory, Canada

Project No:	P68	By:	TV
Scale:	1:125,000	Drawn:	TV
Figure:	2	Date:	July 2012



Topographic data © Department of Natural Resources.  
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#### 4.1 TITLE

In September 2010, New Pacific completed the acquisition of a 100% interest in Tagish Lake Gold Corporation (TLG) through a court-approved plan of arrangement under the Business Corporations Act of British Columbia (TLG news release, Sept 23, 2010). TLG currently operates as a wholly owned subsidiary of New Pacific.

The Property claims are summarized in Table 1. A full list of claims is presented in Appendix II.

Table 1: Claims List Summary, Skukum Property

Claim Name	Claim Number(s)	Grant Number(s)
BERG	1-12	YB07446-YB07457
	15-16	YB07460-YB07461
	21-22	YB07466-YB07467
	29-45	YB07474-YB07490
	54	YB07499
	56	YB07501
	58	YB07503
	60	YB07505
	62	YB07507
	64	YB07509
	66	YB07511
	68	YB07513
	70	YB07515
	72	YB07517
	74	YB07519
	76	YB07521
	78	YB07523
	80	YB07525
	82	YB07527
	84	YB07529
86	YB07531	
88	YB07533	
90	YB07535	
92	YB07537	
	94-95	YB07539-YB07540
	152-154	YB07597-YB07599
	156-160	YB07601-YB07605
CHAR	1-43	YC18781-YC18823
	44-52	YC19347-YC19355
CHIEF	2	YA74385
	12-27	YA74395-YA4410
	32-49	YA74415-YA74432
	52-68	YA74435-YA74451
CL	6-10	YC14135-YC14139
	13-18	YC14140-YC14145
	21-25	YC14148-YC14152
	29-30	YC14156-YC14157
DG	1-22	YB66982-YB67003

Table 1: Claims List Summary, *Skukum Property (cont'd)*

Claim Name	Claim Number(s)	Grant Number(s)
ERN	1-15 16-22 24-27 30-33	YA81543-YA81557 YA85503-YA85509 YA85511-YA85514 YA85515-YA85518
GLEE	1-12 16-20 22 37-46 59-80	YA93875-YA93886 YA93890-YA93894 YA93896 YA93911-YA93920 YA93993-YA94014
HO	1-30	YB95941-YB95970
KIR	1-33	YA92967-YA92999
KUKU	1-6 9-21 23-41 43 45-48 50 65-66 97-100 194 196-199 250-251 282-283 22	YA61199-YA61204 YA61207-YA61219 YA61221-YA61239 YA61241 YA61243-YA61246 YA61624 YA61639-YA61640 YA61671-YA61674 YA61768 YA61770-YA61773 YA61824-YA61825 YA61856-YA61857 YB97767
LB	1-27	YB67028-YB67054
MB	1-3	YA94610-YA94612
MIL	1-69	YB67168-YB67234
MOM	1-10 15-44 47-60 62-81 82-89	YA81767-YA81776 YA81781-YA81810 YA81813-YA81826 YA81828-YA81847 YA82000-YA82007
OMNI	1-12	YA93743-YA93754
POP	1-14 15-70 71-104 101-102 103-116 117-122	Y 75415-Y 75428 YA81468-YA81523 YA86194-YA86227 YA93378-YA93379 YA93382-YA93395 YA94672-YA94677
PUP	85 29-30	YA78390 YB97801-YB97802
RACA	8-11	Y 60275-Y 60278
RIG	1-8	YE33401-YE33408
SKO	1-45	YE32968-YE33012
SKU	1-3 8-15 25-37 39 41-65 67-167 517 466-515	YE32801-YE32803 YE32808-YE32815 YE32825-YE32837 YE32839 YE32841-YE32865 YE32867-YE32967 YE33013 YE33014-YE33063

Table 1: Claims List Summary, *Skukum Property (cont'd)*

Claim Name	Claim Number(s)	Grant Number(s)
SKU	168-284 286 288 290 292-294 307-308 319-321 323 325-465 700 518 516	YE33102-YE33218 YE33220 YE33222 YE33224 YE33226-YE33228 YE33241-YE33242 YE33253-TE33255 YE33257 YE33259-YE33399 YE33400 YE33409 YE54650
STEN	1-17 19-45	YA92922-YA92938 YA92940-YA92966
TECH	1-4 7-13 15-18 19-21 22-40 6 14 5	YA82362-YA82365 YA82368-YA82374 YA82376-YA82379 YA86013-YA86015 YA92145-YA92163 YB26465 YB97763 YB97764
TEX	1-22	YA92833-YA92854
TM	1-14 16-20 22-32 35-117 118-123 126-133	YB66868-YB66879 YB66881-YB66885 YB66886-YB66896 YB66899-YB66981 YC07981-YC07986 YC07989-YC07996
TREE	1-5	YA82961-YA82965
WH	1-8	Y 75547-Y 75554
<i>Crown Grants</i> SUBURBAN BLACK ROCK EXCELSIOR		Y05-040301 06010 Y05-040301 22010 Y05-040301 23000

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

### 5.1 ACCESSIBILITY

The Property can be accessed by all-weather road from Whitehorse, Yukon Territory. Road access from Whitehorse is gained by traveling southeastward on the Alaska Highway for 19 kilometres to Carcross Corner, then south on the South Klondike Highway a further 22 kilometres to the Annie Lake turnoff. The 28 kilometre Annie Lake road is a government-maintained 2 lane gravel road that heads west to the Wheaton River. From the Wheaton River Crossing, a 4-wheel drive non-maintained gravel road continues southwestward to the Property and on to the TLG camp. The trailer camp is located in the north-central portion of

the Property, from which numerous roads and trails provide final access to the individual deposits and showings.

Alternatively, the Property can be reached by helicopter from the Whitehorse airport, which is 55 kilometres to the north-northwest of the Property.

## **5.2 CLIMATE**

The region is semi-arid, with an average annual precipitation of 163 millimetres, primarily as rain during the summer. Snow accumulation rarely exceeds 150 centimetres. Temperatures range from  $-30^{\circ}\text{C}$  in winter to  $30^{\circ}\text{C}$  in the summer. Permafrost is prevalent throughout the area. North facing slopes are frozen year round, with permanent snow-ice fields on the higher peaks, including Mt. Skukum. South facing slopes thaw to depths of rarely more than 1 metre during the summer.

## **5.3 LOCAL RESOURCES**

The Property is located close to Whitehorse, with good vehicle access. This provides excellent access to an experienced and skilled labour force as well as the necessary services and suppliers required to support exploration programs.

## **5.4 INFRASTRUCTURE**

The Property hosts the past producing Mt. Skukum gold mine. The past producing mine is located 12 kilometres from the mill on the northern flank of Mt. Skukum. There has been extensive underground exploration and development undertaken on the Main Cirque, Lake and Brandy zones. The Main Cirque Zone portal is at an elevation of 1,635 metres, while the Lake Zone portal is at an elevation of 1,750 metres. Production was limited to the Main Cirque Zone.

The mine facilities consisted of a mill with a 270 tpd capacity, a service complex, a camp facility, a tailings pond and electric generators. The camp facility and electric generators were removed when the mine closed in 1988. The tailings pond dam was breached to prevent accumulation of surface water behind the structure. Topography is suitable for expansion of the estimated 700,000 tonne-capacity of the tailings pond, or for this area to be used for waste rock storage.

Exploration drifts were driven on the Skukum Creek prospect and the Goddell Gully prospect. These underground workings were used to assist in the exploration of the mineralized zones at depth.

At Skukum Creek, an adit has been driven at the 1300 metre elevation in the footwall and parallel to the Rainbow Zone and affords access to the Rainbow, Kuhn, Rainbow 2 and Berg

Zones. The distance from the portal to the end of the workings in the Rainbow 2 Zone is approximately 1,040 metres. Drifting has been completed along the Rainbow, Kuhn, Rainbow 2 and Berg Zones. Various facilities, such as a maintenance shop, water supply sump, and drainage have been established on that level. An adit has also been driven at the 1350 metre elevation of the Rainbow Zone which provides a drift of 200 metres in length, a footwall cross-cut, and drawpoints connecting the two. A decline driven at -15% from the 1300 level provides access to the 1275, 1250, and 1225 levels. A raise connects the 1300 and 1350 levels in the Rainbow Zone and a vertical ventilation raise connects all levels with the surface at an elevation of approximately 1450 metres. Two raises connect the 1300 and 1350 levels within the Rainbow and Kuhn main mineralized zones. The latter provides the only access to the 1350 sub-level within the Kuhn Zone. Raises have been initiated at the Rainbow 2 and Berg Zones.

At the Goddell prospect, a decline was driven at -15% from approximately the 1,015 metre elevation on surface down to the 900 metre elevation in 1996. The purpose of the decline was to provide a location for diamond drilling to further test the prospect at depth.

A site office and trailer camp that accommodated 25 people in previous exploration programs, was expanded in 2011 to accommodate 50 people. The existing core yard has been expanded for additional storage of up to 100,000 metres of core. A 180 kW diesel generator installed in May 2011, is the main electrical power source for the camp, with two 40 kW standby generators. The present camp facility uses two boreholes as a water source.

## **5.5 PHYSIOGRAPHY**

The Property is located within the Boundary Ranges of the Coast Mountain physiographic division. Topography covered by the claims is characterized by steep, rugged mountains. Elevations on the property range from 1,000 metres up to 2,260 metres above sea level. The Wheaton River valley is broad and flat, flanked by steep mountain slopes. Mountaintops consist of mainly rolling, high upland plateaus covered with glacial till and felsenmeer. On a regional scale, outcrop exposure is relatively uncommon.

Valley bottoms are typically underlain by glaciofluvial sediments, with a thickness in excess of 5 metres. Lower slopes above the valley floor are draped by colluvial apron sediments. Slopes above the valley floor to the tree line are populated by forests of spruce, balsam fir, poplar and willow. The tree line occurs at approximately 1,350 metres and above this elevation alpine grasses, low shrubs and a variety of mosses prevail.

## **6.0 HISTORY**

The Property has been the subject of extensive exploration activities, and some production mining at Mt. Skukum, over its history. The history of work is somewhat convoluted as ownership changes and wide-ranging exploratory work, from regional geochemical surveys to detailed drilling and underground exploration and development, has been completed in many

parts of the Property. Exploration and development are principally linked to the three known deposits of the Property, namely Mt Skukum, Skukum Creek and Goddell Gully. These deposits as well as other notable prospects and showings are presented in Figure 3 and described below.

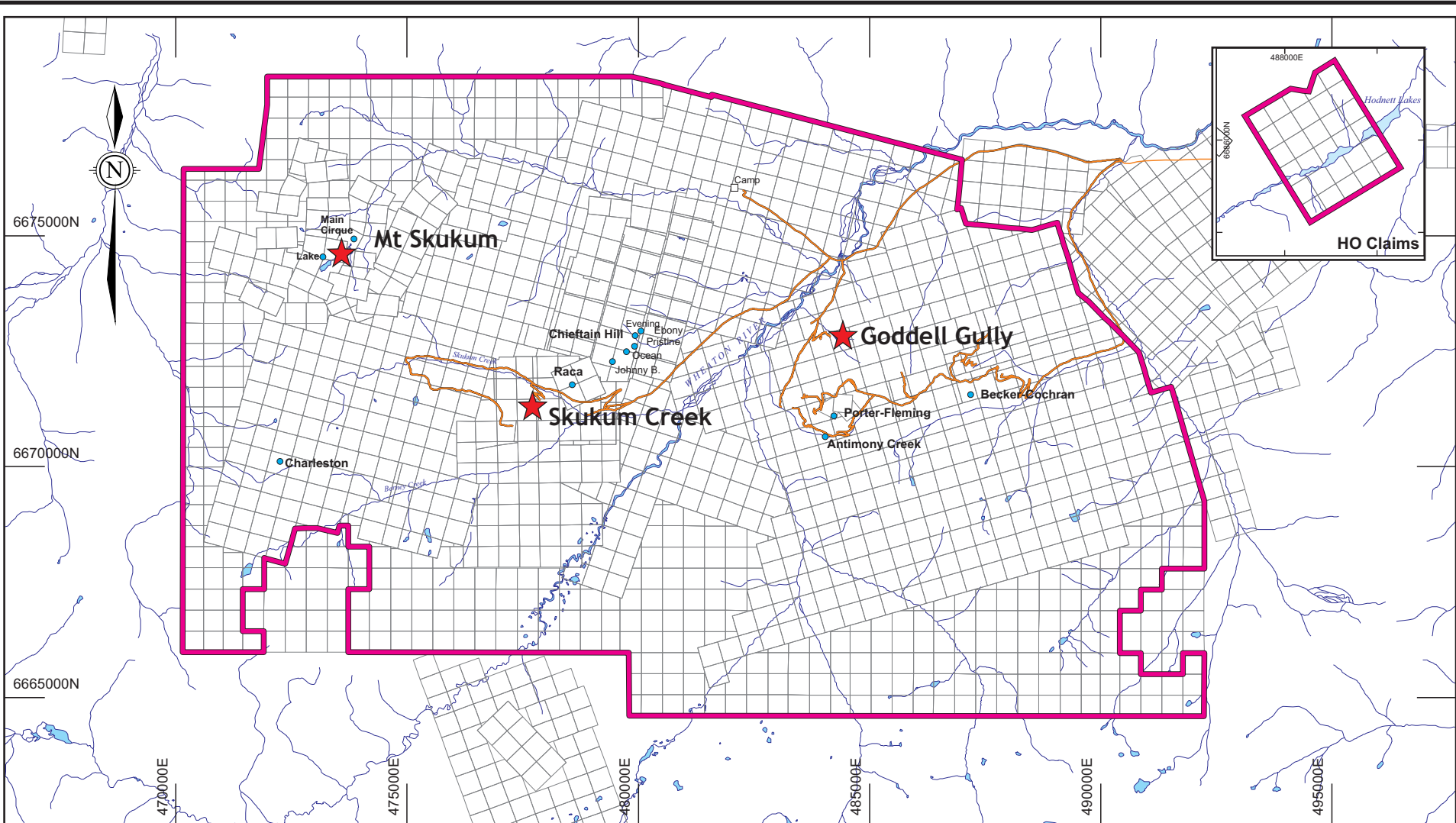
## **6.1 MT. SKUKUM (LAKE ZONE)**

In 1980, Agip Canada Ltd. (Agip) conducted a regional reconnaissance level stream sediment sampling survey which located a strong gold anomaly at the head of Butte Creek. This area was staked in 1981 and subsequent exploration by Agip delineated five more strong gold-in-soil anomalies in the area of the Cirque Zone. During 1982 and 1983 diamond drilling had identified a resource of 235,000 tons grading 20 g/t Au within the Cirque Vein (also known as Main Cirque Vein) (Robertson, 1984). In 1984, a joint-venture agreement between Erickson Gold Mines Ltd (later Total Erickson / Total Energold) and Agip was completed to develop the mine and mill. In 1984 an adit was driven into the Cirque Vein (Mortimer, 1987).

Production mining was carried out between February 1986 and August 1988. During this period a total of 233,400 tons of ore were processed in the plant, recovering 2,500 kilograms (77,790 tr. oz.) of gold (Naas and Rodger, 1999).

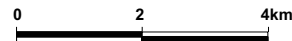
The Lake Vein (or Lake Zone) was discovered in 1982 as the regional exploration program in the Mt. Skukum Complex was expanded. At the Lake Zone, drilling up to 1988 delineated three vertically plunging shoots of gold bearing vein material within a mineralized structure; approximately 550 metres in strike length. Regional prospecting suggested the host structure continues to the south although in this region it is covered by talus. The economic viability of the reserves estimated for the Lake Zone was questioned during test mining in the early part of 1988 and Total Energold commissioned an internal audit of mineralized reserves in the summer of 1988. Mount Skukum Gold Mining Corporation (“MSGM”) mine staff using a “triangle” method, with each apex a drill hole intersection, for the historic estimated reserves for the Lake Zone. Using a minimum width of 1.5 metres and 30% dilution, a historic reserve of 109,200 tonnes grading 14.7 g/t Au was determined. Using a more conservative method, with a marginal grade of 0.5 ounces per ton (pre-dilution) the above reserve was reduced to 700 tons at 2.76 ounces per tonne, restricted to the Lake North Zone (McDonald, 1988). No classifications were presented for this reserve. It is not believed that this estimate would meet industry best practices as currently defined, therefore is presented only for historical interest. Therefore this reserve estimate should not be relied on and is noted only for historical purposes.

The Brandy Zone was identified in 1982 by soil geochemistry and prospecting. Between 1983 and 1988, a total of five veins were encountered by diamond drilling and trenching of which probable ore reserves were delineated on two of the veins. Drill intersections include 27.02 g/t over 1.85 metres and 16.80 g/t Au over 2.14 metres. Underground chip sampling encountered 8.16 g/t Au over 1.5 metres width and 32 metres in length (Westervelt, 1988).



**LEGEND**

- Skukum Property
- Skukum Property Claims**
- New Pacific claims
- Tagish Lake Gold claims
- Crown Grants
- Other claims
- ★ Deposit location
- Other notable prospects or showings
- Access roads and trails (not all shown)



NAD 83, UTM Zone 8 North  
NTS 105D03/04

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**NEW PACIFIC METALS CORP.**

**DEPOSITS AND SHOWINGS  
Skukum Property**

Skukum Project  
Whitehorse Mining District, Yukon Territory, Canada

Project No:	P68	By:	TV
Scale:	1:125,000	Drawn:	TV
Figure:	3	Date:	July 2012



Many other smaller veins and anomalous zones are also known. Though generally small and of limited strike potential, some carried substantial gold and silver grades. Examples in the immediate Mt Skukum area include the Fox, Pika, Marmot, Wolverine, Wanda, K-9, Falls, and Gully Veins (Naas, 2002). Extensive surface geochemical and geophysical surveys, as well as diamond drilling have been performed by MSGM over these veins and zones. Exploration was also carried out in the Chieftain Hill and Charleston areas and is discussed under those headings in section 6.4.

A summary of the drilling performed during the AGIP/Total Erickson,/Total Energold/MSGM period is presented in Table 2.

Table 2: Summary of Drilling, AGIP/MSGM, 1982-1989 (*after Zhang, 2012*)

Period	No. Drill Holes	Metreage	Targets
1982	29	3,325.80	Main Cirque
1983	40	4,380.52	Main Cirque, Brandy
1984	61	6,097.50	Main Cirque, Lake, Brandy
1985	6	168.42	Main Cirque
1986	72	8,864.96	Main Cirque, Lake, Brandy
1987	153	17,125.47	Main Cirque, Lake, Brandy, Pika, Falls, Fox, Wunder, Gully, Evening, Ocean, Midnight
1988	106	12,373.45	Pika, Tango, Lake, Cirque, Fox, Kiwi, Brandy, Sulphide Creek, Ocean, Morning
1989	14	3,214.73	Ocean, Tango, Goat

In 1991, Wheaton River Minerals Ltd. (Wheaton) purchased 100% of the Mt. Skukum claim group and the 270 tpd mine from MSGM. Wheaton completed three diamond drill holes totaling 576.38 metres targeting the Ocean Vein (Naas, 2003) (refer to section 6.4)

In September 1993, Wheaton negotiated an agreement with Omni Resources Inc. (Omni), whereby Omni could acquire all of Wheaton's claims within a 10-mile radius of Omni's Skukum Creek property (which would include the Mt. Skukum deposit). The option was for 12 months and called for a cash payment of C\$400,000 by Omni to Wheaton. Omni never exercised this option, but Wheaton agreed that Omni would have right of first refusal on the Mt. Skukum claims if Wheaton decided to sell its interest any time in the future (Naas, 2001).

In September 1994, Omni purchased a 100% interest in the 820 Mt. Skukum claims plus the 270 tpd mill for 1,600,000 shares together with C\$300,000 which would be paid out of smelter return proceeds of \$3.00 per dry ton from ore processed at the MSGM mill (Naas, 2001).

From 1995 to 1999, Omni added to their claim package in the Mt. Skukum area through claim staking (Naas, 2003). Omni completed 5 diamond drill holes in 1997 totaling 608.08 metres targeting the Ocean Vein (see section 6.4).

In August 2000, Trumpeter Yukon Gold Inc. (TYG) conducted a one-day traverse in the Mt Skukum area for purposes of assessment credit. Three rock samples were collected with no significant results obtained (Naas 2000).

In November 2000, TYG amalgamated with Omni to form Tagish Lake Gold Corp. (TLG).

In 2001, TLG relocated and resampled several of the smaller veins in the Mt Skukum area. A total of 50 rock samples and one silt sample were collected. Sampling confirmed historic grades, with the most notable result from the Wolverine Vein, which returned up to 52.22 g/t Au and 30.01 g/t Ag from a narrow quartz-carbonate stockwork vein (Naas, 2003).

As part of the TLG's 2003 exploration work, a data compilation program of the Lake Zone drilling was carried out to capture the data into digital format for future use (Naas, 2004a). Only drilling pertaining to the Lake Zone was digitized at that time.

In 2009, rock sampling was carried out as part of a Property wide geochemical sampling program by Yukon-Nevada Gold Corp. and NWME personnel. From 22 samples collected from the Mt Skukum area, significant sample results include 30.9 g/t Au and 187 g/t Ag over 0.18 metres and 26.20 g/t Au and 25.4 g/t Ag over 0.20 metres, both from the Lake Vein.

As part of New Pacific's exploration program of the Skukum property, work with respect to Mt Skukum consisted of:

- data compilation, consisting of digitizing the historical exploration data of the Mt Skukum deposits from hard copies of historical records and set up a drill database; and,
- diamond drilling: 16 diamond drill holes (MS11-01, MS11-02, MS11-02A and MS11-03 to MS11-15, from 12 drill pads totaling 2,483.67 metres and 782 samples.

The objective of drilling was to confirm the high-grade nature of the mineralization of the Lake Zone, to infill drill the gap areas of historical data, and to define potential step-outs of the high-grade pockets demonstrated by historical drilling (Zhang, 2012). Selected significant intersections are presented below. Intersection widths shown are core lengths although drill holes cut the mineralization at, or close to, normal of the vein structure (Zhang, 2012).

- MS11-01: 14.66 g/t Au and 37.9 g/t Ag over 18.95 metres;
- MS11-02: 7.57 g/t Au and 24.8 g/t Ag over 6.57 metres;
- MS11-02A: 19.96 g/t Au and 76.9 g/t Ag over 5.50 metres;
- MS11-03: 8.67 g/t Au and 32.1 g/t Ag over 6.00 metres;
- MS11-09: 26.60 g/t Au and 17.0 g/t Ag over 1.40 metres; and,
- MS11-13: 30.25 g/t Au and 29.5 g/t Ag over 3.50 metres.

Drilling in this area demonstrated good continuity of mineralization with comparable values of both grade and width. Mineralization in drill hole MS11-01 was intersected approximately 9 metres along strike from the mineralization intersected in historical drill hole 87-363 (2.61 g/t Au and 9.62 g/t Ag over 13.30 metres) and 9 metres up-dip from mineralization intersected

in historical drill hole 87-365 (28.93 g/t Au and 71.2 g/t Ag over 16.19 metres). Mineralized intersections in New Pacific drill holes MS11-02, -02A and -03 are located 2 to 8 metres up-dip of historical drill hole 88-508 which encountered comparable grade and width of 7.01 g/t Au and 25.4 g/t Ag over 5.5 metres. Drill hole MS11-09 targeted mineralization between historical drill holes 86-156 (up-dip) and 86-173 (down-dip). Both historical holes had wider zones of mineralization, although the higher grades encountered are comparable to the the New Pacific drill hole. Drill hole MS11-13 targeted mineralization identified by historical drill holes 88-507 (31.29 g/t Au and 43.1 g/t Ag over 5.57 metres, including 128.92 g/t Au and 94.8 g/t Ag over 1.31 metres) and 87-334 (24.65 g/t Au and 20.0 g/t Ag over 2.84 metres, including 78.51 g/t Au and 44.9 g/t Ag over 0.85 metres; approximately 12 metres down-dip).

## 6.2 SKUKUM CREEK

The Skukum Creek area was originally staked in 1922 to cover anomalous gold and antimony showings and included driving a 41 metre adit and considerable trenching (Forster *et al*, 1986). In 1930-1931, J Stenbraten improved road access, conducted trenching and drove a 30 metre adit. In 1964, Yukon Antimony Corporation became interested in the area for its copper and antimony potential. Between 1964 and 1967, Yukon Antimony staked claims in the area, including ground covering the veins at Skukum Creek. Work included the construction of a road to gain access to the main showings and to explore the veins with several bulldozer trenches. The Skukum Creek area was staked again in 1973 by W. Kuhn for El Paso Mining and Milling Company who mapped and sampled in 1974, but returned the claims to Kuhn in 1976. In 1977 Com-Am Resources acquired the claims, marked out a new grid and resampled old trenches. In 1980, the claims were transferred from Kuhn to Skukum Gold Inc. and subsequently transferred in 1984 to Omni Resources Inc. (Omni) (Robinson, 1988).

In 1985, Omni undertook a detailed exploration program at Skukum Creek. Work included geological mapping, trenching, soil sampling, diamond drilling and reverse circulation drilling which outlined ten anomalous gold zones, including the Rainbow, Kuhn, Ridge and Sterling zones (Forster *et al*, 1986).

During the 1986 field season, the focus was on diamond drilling and detailed mapping of the Rainbow, Kuhn and Sterling zones. Fifty-three (53) diamond drill holes totaling 8,301 metres were drilled (Montgomery, 1987).

In January 1987, an adit was collared at the 1300 metre elevation level. Between April and July, 823 metres of underground work was completed. A 2.8 metre by 3.5 metre adit was driven along the footwall side of the Rainbow Zone and extended to the Kuhn Zone. Two crosscuts were driven through the Rainbow Zone to provide access to the mineralized horizon and to provide a location for underground diamond drilling from the hanging wall side of the vein. A total of 7,446 metres of diamond drilling in 80 drill holes tested the Rainbow and Kuhn Zones in 1987 (69 underground and 11 from surface) (Robinson, 1988).

In 1988, Skukum Gold Inc. and Omni entered into a joint venture to bring Skukum Creek to production. Underground work in 1988 included 1,571 metres of tunneling which included a decline from the 1300 metre level to the 1218 metre level; collaring and driving the 1350 metre level at Rainbow; driving a raise at Kuhn from the 1300 metre level to the 1350 metre level; drifting and sampling along the Rainbow and Kuhn veins at the 1300 metre and 1350 metre levels; and diamond drilling.

Sampling results from the 1300 metre level drifts included 11.11 g/t Au, 93.5 g/t Ag over an average width of 2.89 metres and a length of 41.0 metres from the Kuhn Zone and 5.40 g/t Au, 407.2 g/t Ag over an average width of 2.34 metres and a length of 222.0 metres from the Rainbow Zone. From the 1350 metre level, results included 29.31 g/t Au, 197.8 g/t Ag over an average width of 2 metres and a strike length of 30 metres from the Kuhn Zone and 10.18 g/t Au and 423.5 g/t Ag over an average width of 2.64 metres and a length of 89.4 metres from the Rainbow Zone.

A total of 1,416 metres of diamond drilling in 13 drill holes tested the Kuhn, Rainbow and Sterling Zones from underground. At surface, 24 diamond drill holes totaling 5,165 metres tested the Kuhn and Sterling Zones. Surface mapping and geophysical surveying were conducted at the Taxi Zone.

Bacon, Donaldson and Associates carried out metallurgical testing of the Skukum Creek ore in 1988 initially under the direction of Orocon Inc. and later under the direction of Melis Engineering Ltd. Testing determined that the optimal treatment would be cyanidation of ground up ore followed by flotation of a bulk sulphide concentrate from the cyanide tailings resulting in gold recoveries of 90-98% and silver recoveries of 93-98% (Wong and Beattie, 1988).

In June 1991, the property reverted back to Omni, as Skukum Gold failed to uphold its portion of the joint venture agreement to put the property into production. In August of 1991, Wheaton River Minerals Ltd. purchased the assets of Mt Skukum Gold Mining Corp., which included the neighboring Mt Skukum property and mill. Wheaton also entered into an agreement with Omni to purchase the Skukum Creek property with the intent to bring the property into production.

In 1993, Wheaton contracted Melis Engineering to determine if bioleaching could be used for pretreatment of flotation concentrate ahead of cyanidation as a means of recovering refractory ore from Skukum Creek. Results of this testwork reported recoveries of 92% for gold and 95% for silver (Melis, 1993).

By 1994, Wheaton backed out of this agreement and the Skukum Creek claims, along with the Mt. Skukum claims and mill, were transferred to Omni.

In 1995, Omni acquired a 70% interest in the nearby Goddell property from Arkona Resources. With this acquisition, Omni had consolidated three gold deposits and numerous gold showings into a single property, now referred to as the Skukum property.

In 1996, Trumpeter Yukon Gold Inc. (TYG) negotiated an agreement with Omni in which TYG could acquire 50% interest in Omni's Skukum property. The option was exercised in 1997.

During 1996, Omni de-iced and de-watered the underground workings at Skukum Creek and drove a 100 metre long drift off the 1225 metre level crosscut to provide a location for diamond drilling. Fifteen drill holes totaling 1,647 metres tested the down dip extension of the Rainbow Zone. The results of the program extended the mineralized zone 40 metres to 170 metres deeper to the 1050 metre elevation. The most significant result from the drilling program came from drill hole R96-211, which returned 49.18 g/t Au, 528.8 g/t Ag over a core length of 10.68 metres.

In 1997, seven surface diamond drill holes totaling 2,739 metres tested the Ridge and Rainbow East Zones. At the Ridge Zone, a new mineralized horizon named the Ridge 2 Zone (also reported as Zone 2) was discovered, with the most significant result being 8.44 g/t Au, 260.0 g/t Ag over 11.67 metres (RG97-2). At the Rainbow East Zone, 350 metres to the northeast of the Rainbow Zone, drilling encountered mineralization similar to that at Rainbow with results of up to 2.66 g/t Au, 561.37 g/t Ag over a core length of 3.61 metres (RACA97-1) (Omni referred to this zone as the Raca, but was changed to Rainbow East in 2002, so not to confuse the showing with the original Raca copper showing, 500 metres to the northeast).

Also during 1997, B.Y.G. Natural Resources Inc. contracted Process Research Associates Ltd. to carry out a preliminary flotation/cyanide leach study on Rainbow Zone ore. Overall recoveries were 88.7% for gold and 90.7% for silver. It was suggested that some of the gold and silver were refractory and therefore recommended investigation into pretreatment by bio-oxidation or pressure oxidation before cyanidation (Tse, 1997).

An historical diluted reserve estimate for the Rainbow Zone at Skukum Creek was prepared by Tenney (1997). The reserve estimate was based on an examination of the underground workings and a review of assay plans, geological plans and sections, as well as a limited number of check assays. Use of the term "reserves" was justified by Tenney on the basis of a preliminary feasibility study on Skukum Creek (Lecuyer, 1997). The following parameters were used by Tenney in the diluted reserve calculation:

- Minimum mining width of 2.5 metres;
- Dilution: In addition to internal dilution resulting from mining continuity or minimum width, the estimate added 20% for external dilution accounted for geological and rock quality factors;
- Cut-off gold equivalent grade of 3.4 g/t, with the silver grade converted using a factor of 60; and,
- Specific gravity of 2.8 for waste and ore.

Definitions utilized by Tenney for the classification of the historic reserves for the Rainbow Zone were:

- Proven Ore: Ore exposed in underground development, and within 5 metres of the strike and dip projection of the sample;

- Probable Ore: Ore within 20 metres of the strike and dip projection of proven reserves, or drill intersections, where extensions were considered geologically reasonable; and,
- Possible Ore: Ore within 30 metres of the strike and dip projection of probable (or proven) reserves, or from drill intersections, where extensions were considered geologically reasonable.

Total historic reserves from the Tenney (1997) estimate for the Rainbow Zone, and the previous reserve calculations for the Kuhn Zone by Rotzien *et al* (1989) were stated as: 675,000 tonnes at 7.18 g/t Au and 230.2 g/t Ag Proven and Probable, and 256,100 tonnes at 10.34 g/t Au and 233.9 g/t Ag Possible. Although CIM guidelines were reportedly used for classifications of the reserves, this could not be verified. Therefore this mineral reserve estimate should not be relied upon and is reported for historical interest only.

In 1998, exploration consisted of geological mapping, contour and grid controlled soil sampling, HLEM geophysical survey and diamond drilling at favorable mineralized targets identified by previous exploration programs. A total of 56 rock and 164 soil samples were collected. Five drill holes totaling 1,321.90 metres tested the Taxi (1), Golden Eagle (1), Bonanza (1) and Polaris Zones (2). Although highly anomalous values were returned from the rock and soil sampling programs (up to 376.29 g/t Au, 3,954.17 g/t Ag, 11.78% Pb and 2.26% Zn), no significant results were obtained from the drilling program (Wesa, 1998).

In 1999, TYG consolidated the Property information through a data compilation program. This was followed by resource estimation carried out by Micromine Pty. of Perth, Australia, and reported in Naas and Rodger (1999). The results are summarized in Table 3. The resource modelling used inverse distance weighing and a selective outline defined by 5 g/t Au equivalent and a minimum width of 1.5 metres. This resource was prepared prior to implementation of NI 43-101, and is reported only for historical interest. A scoping study, utilizing these resources, indicated that a total of 2,190,000 tonnes (1,485,300 additional tonnes) of similar grade would result in a mining operation with an after tax ROR of 15% (Naas and Rodger, 1999).

Table 3: 1999 Resource Estimate, Skukum Creek Deposit (*after Naas and Rodger, 1999*)

Category	Tonnage (t)	Gold (g/t)	Silver (g/t)
<i>Rainbow Zone</i>			
Measured	95,440	3.92	332.8
Indicated	196,570	7.28	299.5
Inferred	180,430	11.50	318.6
Total	472,440	8.21	313.5
<i>Kuhn Zone</i>			
Measured	61,670	11.07	132.6
Indicated	155,680	7.18	133.6
Inferred	35,780	5.28	275.7
Total	253,130	7.86	153.4

As part of this work, Laurion Consulting Inc. of Vancouver was contracted to undertake metallurgical studies on reject material from a drill core grade verification study (Fox, 1999).

Results showed that a flotation concentrator and cyanide leach plant would give a 75% gold recovery and 72% silver recovery. Using a pressure oxidation system the gold and silver recovery would increase to around 92%.

In 2001, TLG undertook a program of detailed geological mapping and sampling in the Taxi Zone, reconnaissance sampling in the Raca Zone and surface diamond drilling in the Ridge Zone (four drill holes, 1,502.35 metres). Rock sampling in the Taxi Zone of well-mineralized veins returned significant precious metal grades of up to 56.27 g/t Au and 2,997.7 g/t Ag. The Ridge Zone was intersected by all four drill holes and returned up to 3.84 g/t Au, 251.1 g/t Ag over 2.05 metres. The Ridge 2 Zone was intersected by three drill holes and returned the highest gold grade to date of 40.37 g/t Au and 243.2 g/t Ag over 0.42 metres (Naas, 2002).

In 2002, TLG rehabilitated the underground workings and carried out 2,502.52 metres of underground diamond drilling in 15 drill holes on the Rainbow, Sterling and Kuhn Zones. Highlights of the Rainbow Zone drilling include 10.04 g/t Au and 507.4 g/t Ag over 7.10 metres and 33.48 g/t Au and 265.0 g/t Ag over 2.40 metres. Drilling of the Sterling and Kuhn Zones confirmed structural interpretation of the deposit, as well as continuation of the Kuhn Zone ore shoot. Coincident with this work was a regional structural and alteration study, as well as surface and underground mapping and sampling (Naas, 2003).

During 2002, MineTech International Limited (Minetech) was commissioned to complete an estimate of the gold and silver resources of the Property, including the Skukum Creek deposit. This estimate was undertaken in accordance to industry best practices and disclosed in compliance with NI43-101, but is an historical resource estimate as it was completed prior to New Pacific Metals Corp.'s involvement in the Skukum Property. Roy and Hannon (2003) reported a resource estimate for the Skukum Creek deposit at a range of grade sensitivities (see section 14.1.1). The total Skukum Creek resources, using a 5 g/t Au equivalent cut-off grade, were:

- Measured Mineral Resource of 160,000 tonnes at 6.52 g/t Au, 257 g/t Ag;
- Indicated Mineral Resource of 640,000 tonnes at 6.84 g/t Au, 203 g/t Ag; and,
- Inferred Mineral Resource of 90,000 tonnes at 6.53 g/t Au, 225 g/t Ag.

During 2003, 1,054 cubic metres of slashing was carried along the main drift on the 1300 metre level. The drift was slashed from the portal to a position near the first drill station on the Kuhn crosscut, a linear distance of approximately 420 metres. A new drift was collared at this point and driven 166 metres southwest. During the work, a new shear zone hosting quartz-sulphide vein was encountered, which returned 24.15 g/t Au and 215.2 g/t Ag over an average width of 0.37 metres over a length 8.25 metres. This new mineralized zone was distinguished as the Rainbow 2 Zone. Subsequently, a further 60 metres was driven to accommodate a remuck bay and a diamond drill station. A total of 248 metres was drilled in 5 holes from two locations. Results from drilling confirmed the high-grade nature of the vein along strike and dip, though in places the vein appears to have been replaced by a post-mineral dyke. Highlights of the diamond drilling include 5.43 g/t Au and 78.5 g/t Ag over 8.39 metres and 32.31 g/t Au and 277.2 g/t Ag over 1.59 metres.

The 2005 exploration program on the Skukum Creek gold-silver prospect, completed between February 22 and May 1, 2005, included 913 metres of underground diamond drilling in 14 drill holes with minor detailed underground geological mapping. A total of 620 metres of underground diamond drilling in twelve holes was completed on the Rainbow 2 Zone to determine the continuity and grade of mineralization discovered in 2003 while completing an underground drift to provide drill access to the Ridge Zone (Ridge Access Drift). More detailed mapping of the drift exposure, at a scale of 1:100, was undertaken for correlation with the drill data. Two underground diamond drill holes, totaling 293 metres, were completed to verify the depth extent of mineralization in the northeastern Kuhn Zone, a similar sub-parallel dilational shear zone to the Rainbow 2 Zone.

During the spring of 2006, the access drift situated on 1308 metre level was extended for an additional 400 metres further southwest to establish drill platforms for underground drilling to trace southwestern extensions of the Rainbow 2 and Kuhn mineralized zones. Underground diamond drilling was completed between May 25 and November 7, 2006 and consisted of underground diamond drilling of 72 holes (SC06-39 through SC06-110) from 16 drill stations totaling 6,445.44 metres and with collection of 2,384 core samples. Geological mapping of the underground workings was also carried out (Naas, 2007).

The drill program was designed to trace the Rainbow 2 mineralized zone further west-southwest, with a goal to delineate new resources in this zone by determining the continuity and grade of mineralization. During this program designated drill holes would be extended with the goal of verifying the extent of mineralization in the west-southwestern part of the Kuhn Zone. This drilling would also be used to explore the areas between the Rainbow 2 and Kuhn Zones, which included testing the newly discovered Berg Zone (Naas, 2007). Highlights of the drilling from the various zones include:

- Rainbow 2: 13.49 g/t Au and 218.80 g/t Ag over 3.76 metres, 77.50 g/t Au and 487.00 g/t Ag over 1.15 metres, 17.21 g/t Au and 103.30 g/t Ag over 2.57 metres, and 10.95 g/t Au and 59.1 g/t Ag over 3.61 metres.
- Berg: 13.60 g/t Au and 639.00 g/t Ag over 1.43 metres, 4.61 g/t Au and 69.9 g/t Ag over 7.63 metres, and 24.57 g/t Au and 90.00 g/t Ag over 0.95 metres.
- Kuhn: 2.48 g/t Au and 72.90 g/t Ag over 2.82 metres, 1.14 g/t Au and 12.10 g/t Ag over 2.50 metres;
- Other zones (outside the three main zones described above): SC06-74: 2.60 g/t Au and 79.20 g/t Ag over 1.00 metres, and SC06-101: 4.75 g/t Au and 15.6 g/t Ag over 1.50 metres,

In November 2006, TLG again contracted MineTech to complete an update of the resource of the Skukum Creek deposit based on drilling carried out in the Rainbow 2 and Berg Zones since the 2003 resource estimate. As with the estimate completed by MineTech in 2003, this estimate was undertaken in accordance to industry best practices and disclosed in compliance with NI 43-101, but is an historical resource estimate as it was completed prior to New Pacific Metals Corp.'s involvement in the Skukum Property. This estimate superseded the 2003 estimate for Skukum Creek. Roy and Hannon, (2007) reported the resource estimate for the Rainbow 2 and Berg Zones at range of grade sensitivities and also updated the total Skukum

Creek resources (see section 14.1.2). The Skukum Creek resources (using a 4 g/t Au equivalent cut-off grade) were now

- Measured Mineral Resource of 195,000 tonnes at 5.8 g/t Au, 240 g/t Ag;
- Indicated Mineral Resource of 880,000 tonnes at 6.5 g/t Au, 174 g/t Ag; and,
- Inferred Mineral Resource of 206,000 tonnes at 6.8 g/t Au, 155 g/t Ag (Roy and Hannon, 2007).

During 2007 and 2008, TLG continued to focus on expanding the potential in the Rainbow 2 and the Berg Zones. This involved further drifting in both the footwall access and along the Rainbow 2 and Berg Zones. Approximately 570 metres of drifting in this area was completed during 2007. Mapping and sampling of the Rainbow 2 and Berg drifts was also carried out. Underground diamond drilling followed with a total of 16 drill holes (SC07-111 to SC07-126) from two drill stations, for a total of 2,125.98 metres and 559 samples collected (Note: SC07-124 to SC07-126 were completed in early 2008). No technical report of the work conducted during this time was available to the author. Details are based on TLG news releases and a memorandum supplied by New Pacific. Assay plans and a geological plan map of the workings were also made available by New Pacific.

Concurrent with the exploration TLG requested EBA Engineering Consultants Ltd. to prepare a feasibility level Tailings Management Plan for the Skukum Property. The plan outlines containment of the ten-year mine life tailings that requires the construction of three tailings containment structures and two spigot discharge structures prior to commencement of mill processing operations and placement of tailings (EBA, 2007). Additionally metallurgical testing and rock characterization study was conducted by Process Research Associates (PRA). The work was done as part of the variability program for the Skukum Creek deposit. Samples from the Rainbow 2 and Berg Zones were taken to confirm test procedures developed for the Rainbow Zone. The rock characterization included physical and chemical determinations and environmental analysis. The results suggest that these waste rocks will not be the source of detrimental environmental effects (PRA, 2007).

As part of New Pacific's 2011 work program, exploration at Skukum Creek involved:

- re-interpretation the geology of the Skukum Creek deposit;
- underground refurbishment of the 1300 metre level drift;
- underground diamond drilling: 14 holes (SC11-01-UG, SC11-02A-UG, SC11-03-UG to SC11-11UG, and SC11-13 to SC11-15) from eight drill stations totaling 1,706.60 metres and 416 core samples; and,
- surface diamond drilling: 6 holes (SC11-01 to SC11-06) from six drill pads totaling 3,169.51 metres and 184 core sample; and,
- surface sampling to confirm the historical exploration results and evaluate the mineralization potential of the area.

Zhang (2012) reported that the objective of the underground diamond drilling program was to confirm and infill drill the high grade pocket of the Rainbow Zone near the bottom of the decline at the 1225 metre level. Drilling in this area demonstrated good continuity of the

hosting structure but demonstrated variation of both grade and width of the mineralization. Deep drilling from surface successfully expanded the Rainbow Zone mineralization about 100 metres down-dip beyond the limit of the historical drilling (Zhang, 2012). Selected significant intersections from both the underground and surface drilling include are presented below. All intersection widths are core lengths.

- SC11-01-UG: 3.23 g/t Au and 135.57 g/t Ag over 4.24 metres;
- SC11-02A-UG: 3.30 g/t Au and 93.59 g/t Ag over 3.37 metres;
- SC11-04-UG: 3.02 g/t Au and 122.09 g/t Ag over 4.41 metres;
- SC11-05-UG: 6.52 g/t Au and 321.81 g/t Ag over 8.23 metres, including 16.68 g/t Au and 853.33 g/t Ag over 2.62 metres;
- SC11-07-UG: 8.43 g/t Au and 322.26 g/t Ag over 9.65 metres, including 11.34 g/t Au and 434.15 g/t Ag over 6.26 metres;
- SC11-13-UG: 7.08 g/t Au and 143.95 g/t Ag over 20.15 metres, including 12.94 g/t Au and 225.32 g/t Ag over 6.80 metres;
- SC11-15-UG: 2.58 g/t Au and 70.12 g/t Ag over 15.80 metres, including 5.67 g/t Au and 53.44 g/t Ag over 2.06 metres;
- SC11-01: 8.42 g/t Au and 82.60 g/t Ag over 12.10 metres, including 22.75 g/t Au and 169.90 g/t Ag over 3.30 metres;
- SC11-02: 8.10 g/t Au and 75.30 g/t Ag over 14.22 metres, including 15.19 g/t Au and 162.80 g/t Ag over 5.00 metres; and,
- SC11-05: 4.85 g/t Au and 65.20 g/t Ag over 7.14 metres, including 10.03 g/t Au and 147.50 g/t Ag over 2.00 metres (Zhang, 2012).

Also during 2011, two batches of metallurgical samples were sent by New Pacific to the Hunan Nonferrous Research Institute of Metallurgy based in Changsha City, Hunan Province, PR China for flotation recovery tests. Results are presented in Section 13.0.

### **6.3 GODDELL GULLY**

First recorded exploration in the Goddell area was in 1898 with the discovery of the Porter and Empire Showings, followed in 1906 with the discovery of the Becker-Cochran and Goddell antimony showings.

The Porter-Fleming and Becker Cochran Showings are located some 1.7 and 3.8 kilometres, respectively, from the current Goddell Gully gold deposit, but their history of exploration are often linked and have been included within this section. This area of the property has also been referred to as Carbon Hill and includes the aforementioned showings, as well as other areas including Antimony Creek, Horseshoe Gulch and Goldpan Gully.

At the Porter-Fleming Showing, trenching was undertaken between 1898 and 1905 but no records of results of this work were found. From 1906 to 1915, 335 metres of underground development was carried out. Early results of exploration include reports of grades of up to 500 oz/t Ag and up to 50-60% Sb (Wheeler, 1961). A short adit was driven at the Goddell

Showing at this time and some trenching completed between 1906 and 1910. The Becker-Cochran Showing had been worked intermittently between 1906 and 1940. Trenching and two short adits were driven with lengths quoted as 30.5 metres and 27.4 metres. Work was also performed at other showings on Carbon Hill in this same time period although detailed reports are missing. These include hand trenching at the Carbon Showing and extensive hand trenching at the Empire Showing.

Between 1964 and 1967, Yukon Antimony acquired or staked claims over Becker-Cochran, Goddell, and Porter-Fleming Showings. At Becker Cochran, exploration over this period included 567 metres of diamond drilling and driving of three adits on two levels that totalled 160 metres of crosscuts and 270 metres of drifting. The second level is 46 metres below the uppermost. Work at the Becker-Cochran Showing defined a mineralized antimony-bearing shear zone approximately 350 metres long. Widths varied 1.5 metres to 7 metres and a vertical extent of 120 metres was reported (Hylands, 1966). Underground maps reveal that as many as three parallel zones coexist in a sheeted fashion. Cross cutting late dykes and faults were estimated to represent 30% of lateral development and caused mineralized systems to be lost for substantial distances.

A trench was excavated using both a bulldozer and shovels during 1964. It measured 7 by 3 metres. Sampling in this trench returned antimony values ranging from 2.5% to 27.5%. The material was both mineralized gouge and quartz vein bearing stibnite. Arsenic red and yellow stains were pervasive. Independent metallurgical work at two laboratories reported head grades of 9.52% and the other at 11.78% antimony (Hylands, 1966). The bulk sample originated from the trench.

Berglynn Resources Inc. staked the Becker-Cochran area in 1974 and optioned the property to Belmoral Mines the same year. Belmoral conducted mapping, geochemical sampling and reserve calculation drilling. The program outlined a probable and possible ore reserve of 140,000 tonnes grading 4% antimony (Holcapek, 1974). No detailed information is available on the methodology used in the determination of this reserve estimate. It is included solely for historical interest. In 1976, Con-Am Resources Ltd. optioned the property and carried out a 1,255.5 metre diamond drilling program the following year on the stibnite mineralized zone at Becker Cochran and the Empire Showing. Con-Am also staked the Goddell area in 1976 (Con-Am, 1977).

In 1984, Berglynn staked claims from Goddell to Becker Cochran, as well as ground to the south on Carbon Hill. During the same year, the three Crown Grants over the Porter veins were purchased by B. Wilson, who then also staked several claims surrounding the Crown Grants. Surface and underground sampling on the Porter Showing returned up to 3.70 g/t Au, 1680 g/t Ag, 7.98% Sb over 0.15 metres. Surface sampling returned 6.86 g/t Au, 2785.4 g/t Ag, 7.40% Sb over 0.25 (Wilson, 1984). The Crown Grants were transferred to Skukum Gold Inc. in 1989.

In 1985, Berglynn completed a 1,632 soil sampling program that covered a 3.4 by 4.9 kilometre area from Goddell Gully to Becker Cochran. Five anomalous areas were defined with gold values in the 600 to 1,500 ppb Au range (Doherty, 1986). The anomalies are

distinct and covered areas of up to 900 by 200 metres in mostly overburden laden areas of gentle topography. One gold-antimony anomaly was localized over the Becker-Cochran antimony showing, the others were located in areas far removed from previously known mineralization. From the 13 rock samples collected during the 1985 program, a 0.5 metre wide quartz vein located 150 metres below the Goddell Showing returned 2.23 g/t Au. Approximately 400 metres north of the Goddell Showing, in the adjacent gully, a mineralized 0.10 metres wide quartz vein exposed for 10 metres hosted in altered granodiorite adjacent to rhyolite dykes, returned 0.03 g/t Au and 159.43 g/t Ag (Hulstein, 1986).

Stream sediment and talus fine samples were collected from the MOM claims (located south of the Goddell and Becker-Cochran Showings). Three consecutive talus fine samples contained 680, 35 and 320 ppb gold in one area of shearing and rhyolite dykes within altered granodiorite on the west face of Carbon Hill (Garagan, 1987).

In 1986, a program of geological mapping and rock sampling was designed to follow-up on the five anomalies outlined from the previous soil sampling survey. Adit No. 3 at the Becker-Cochran Showing and the Goddell adit were rehabilitated for mapping and rock sampling. Sampling at the Goddell adit returned 13.03 g/t Au and 82.29 g/t Ag from a grab sample containing greater than 80% stibnite. Follow-up work at the five soil anomalies returned: 3.09 g/t Au and 2,605.71 g/t Ag from Antimony Creek; 100 to 200 ppb Au and 100 to 130 g/t Ag from narrow quartz veins from the cliffs between Goddell Gully and Antimony Creek; up to 1890 ppb Au from Horseshoe Gulch; and, up to 1,500 ppb Au from Conglomerate Creek. Sampling within the Becker-Cochran adit returned background gold values (Garagan, 1987).

In 1987, an exploration program was undertaken to assess the previously determined targets and work them to a drill target stage, then test the high priority targets by diamond drilling. Prior to drilling, a VLF-EM survey was undertaken along roads over the Goddell Fault extensions. At Goldpan Gully, 4.1 kilometres of VLF-EM surveying was undertaken along grid lines spaced 100 metres apart. Bulldozer trenching was undertaken at Horseshoe Gulch, from which 29 samples were taken. A grab sample from a chalcocite breccia returned 3,920 ppb Au (Coster, 1988).

Eleven drill holes totaling 2,854.47 metres tested the Goddell Fault at relatively shallow depths (920-1280 metres elevation) along a strike length of 250 metres. This drilling was successful in delineating auriferous structures, with the best intersections being 10.9 metres of 2.23 g/t Au and 7.89m of 2.85 g/t Au. Three drill holes totaling 818.08 metres tested the Horseshoe Gulch area, but returned low gold values. Two drill holes totaling 483.72 metres tested the Goldpan Gully area, but results returned low gold values and failed to explain the VLF-EM and geochemical anomalies (Coster, 1988).

Drilling in 1988 tested the structure as deep as the 800 metre elevation (above sea level), below the 1987 anomalous drill intersections. Four drill holes totaling 1,976.33 metres were drilled from which gold values of up to 20.91 g/t Au across a core length of 11.24 metres were returned (88-PG3), (Doherty, 1989). This new gold zone is now referred to as the PD Zone (Rodger, 1997).

In 1990, seven drill holes totaling 1,573.08 metres were drilled to the south of the main Goddell structure over a strike length of 250 metres. Two holes intersected gold mineralization of up to 11.18 g/t Au over 0.3 metres. This zone was referred to as the Golden Tusk Zone (Rodger, 1997).

Arkona Resources Inc. (formally Berglynn) and 276 Taurus Ventures Ltd. (Taurus) entered into a joint venture in 1994. The following year, Omni negotiated an agreement with Arkona and Taurus to acquire a 70% interest in the claim group covering the Goddell, Porter and Becker-Cochran Showings.

Exploration in 1995 consisted of five drill holes into the PD Zone, totaling 2,855.4 metres. Results of up to 14.2 g/t Au over 6.47 metres extended the mineralized zone to 200 metres long by 100 metres vertical with an average width of 5 metres (Doherty, 1996).

In 1996 Trumpeter Yukon Gold (TYG) and Omni negotiated an agreement for which TYG could acquire 50% interest in Omni's Skukum Property. The main focus of the agreement was to develop the PD Zone of the Goddell Gully deposit.

A 3.5 metre by 4.0 metre decline was collared in late 1996, with 780 metres of underground workings and 9,242.55 metres of underground diamond drilling completed by September 1997. The PD Zone was explored over a 400 metre strike length and a vertical extent of 170 metres, from an elevation of approximately 870 metres down to 700 metres (Rodger, 1997). Significant results for the 1997 drilling include drill hole 97-41, which returned 26.23 g/t Au over a core length of 11.06 metres. The most easterly drill hole from the deposit returned 9.91 g/t Au over a core length of 1.6 metres (97-66).

On surface, during 1996, Omni drilled two diamond drill holes (510.23 metres) near the Porter-Fleming Showing and encountered only weak values of antimony (266.7 ppm Sb over 0.9 metres) and background levels of gold. One drill hole, which totaled 887.58 metres in length, was drilled at Becker-Cochran to test for possible gold mineralization at depth. No significant gold grades were encountered, but results did include 2,509 ppm Sb over 1.0 metres and 278.1 ppm Ag over 1.0 metres (Elliot, 1996).

In 1999, TYG consolidated the Property information base through a data compilation program. This was followed by resource estimation carried out by Micromine Pty. of Perth, Australia, and reported in Naas and Rodger (1999). The results are summarized in Table 4. The resource modeling used inverse distance weighing and a selective outline defined by 5 g/t Au and a minimum width of 1.5 metres. This resource estimate was prepared prior to implementation of NI 43-101, and is reported only for historical interest.

Table 4: 1999 Resource Estimate, Goddell Gully Deposit (*after Naas and Rodger, 1999*)

Category	Tonnage (t)	Gold (g/t)
Indicated	145,450	10.20
Inferred	92,250	16.41
Total	237,690	12.61

In December 2000, TYG and Omni amalgamated into Tagish Lake Gold Corp.

In 2002, MineTech International Limited was commissioned to complete a resource estimate of the gold resources for the Skukum Property, including Goddell Gully. This estimate was undertaken in accordance to industry best practices and disclosed in compliance with NI 43-101, but is an historical resource estimate as it was completed prior to New Pacific Metals Corp.'s involvement in the Skukum Property. Roy and Hannon (2003) reported the resource estimate for the Goddell Gully deposit at a range of sensitivities (see section 14.1.1). The total Goddell Gully Creek resources, using a 5 g/t Au cut-off grade, were:

- Indicated Mineral Resource of 320,000 tonnes at 11.02 g/t Au; and,
- Inferred Mineral Resource of 280,000 tonnes at 9.21 g/t Au.

In 2003, exploration at Goddell Gully consisted of:

- data compilation and integration to digital format of the Carbon Hill area;
- core relogging and sampling of historical drill core: 34 holes, 801 samples;
- line cutting: 2,985 metres of grid for an anticipated IP and magnetometer survey;
- surface diamond drilling: 3 drill holes, GG03-1, GG02-2, and GG03-2A (3 drill pads) totaling 974.74 metres, 368 samples; and,
- GPS surveying: sub-metre accuracy of roads, important monuments and exploration sites on Carbon Hill, and;

Core relogging of historical diamond drill core from the Goddell Gully Deposit was undertaken based on the observation of previously unsampled mineralized drill core in drill hole 97-56, an underground drill hole located to the west of the main PD Zone. Historical sampling had reported a single sample grading 3.57 g/t Au over 0.66 metres within the interpreted PD Zone. Sampling of the core below this intersection yielded a more significant gold mineralized zone returning of 8.49 g/t Au over 2.91 metres located within a larger lower grade zone that encompassed the historical intersection. Results of this infill sampling indicated that historical sampling had not identified all significant mineralization within the core. Prior to the relogging program, drill holes 97-31 and 97-42 had no sample data from the interpreted up-dip extension of the PD Zone. Likewise, drill hole 97-37 only had sporadic sampling with unbracketed significant results. These drill holes, on their respective sections, cross the PD Zone at its upper elevations. Sampling during 2003 was successful in locating significant gold occurrences in all three holes. In particular, drill hole 97-37, the original sample of 7.13 g/t Au over 2.17 metres (138.00-140.17m) has been extended to a wider intersection of 4.68 g/t Au over 8.11 metres (132.63-140.74m) including 8.20 g/t Au over 1.28 metres (Naas, 2004).

Diamond drilling was designed to test the area where resampled historical drill core had identified gold mineralization (Naas, 2004a). Selected significant intersections include:

- GG03-1: 2.09 g/t Au and 2.70 g/t Ag over 4.50 metres (2.09 metres true width);
- GG03-1: 9.87 g/t Au and 2.80 g/t Ag over 21.39 metres (9.87 metres true width), including 3.62 g/t Au and 5.32 g/t Ag over 7.85 metres (3.62 metres true width); and
- GG03-2: 1.20 g/t Au and 2.03 g/t Ag over 2.56 metres (1.20 metres true width).

In 2004, TLG completed two drill holes (GG04-3 and GG04-4) at the western strike extent of the Goddell shear zone. A total of 818.29 metres of NQ core was drilled with the collection of 144 samples. No significant gold mineralization was encountered other than two narrow intervals: 1.03 g/t Au over 1.21 metres and 0.99 g/t Au over 0.35 metres from GG04-3.

In 2009, rock sampling was carried out as part of a property-wide geochemical sampling program by Yukon-Nevada Gold Corp. From 21 samples collected from the Goddell to Becker Cochran area, one rock chip samples taken from Goddell Gully returned 7.49 g/t Au and 49.2 g/t Ag over 0.60 metres.

As part of New Pacific's 2011 exploration program, work at the Goddell Gully Deposit included:

- re-interpretation of the geology of the Goddell Gully Deposit;
- rehabilitation of the decline;
- supplementary or infill core sampling of historical drill core: 49 drill holes, 171 core samples;
- surface prospecting: 5 rock samples; and,
- diamond drilling: 8 surface drill holes (GG11-01 to GG11-06, GG11-09, GG11-10) from three drill pads, totaling 3,187.02 metres and 927 samples.

During the rehabilitation of the decline, poor ground conditions were encountered at a distance of 130 metres from the portal. Soft, broken rock due to a series of crosscutting faults resulted in significant rock fall from the back as the water pressure was reduced. Due to the probability of more fault zones further down the decline, New Pacific deemed that refurbishment of the decline would not be "*an effective and efficient consideration in terms of both monetary expenses and time consumption*" (Zhang, 2012). The refurbishment work was halted in early August 2011.

Supplementary core sampling was initiated in May 2011 following the review of the historical drill database of Goddell. It was noticed that some samples with gold values greater than 1.0 g/t Au occurred at the beginning or end of sample sequence. Therefore, all historical drill core samples with gold values of greater than 1.0 g/t at the beginning or end of sample sequence were located and subsequently additional samples were taken extending these sample intervals. Results of the supplementary sampling program indicated that the main mineralized intervals had been adequately sampled during previous exploration programs (Zhang, 2012).

Surface prospecting included a one-day traverse completed in the Goddell Gully and its south side area. This was aimed at confirming historical exploration results and to evaluate the mineralization potential of the area. One sample (GD-003) from an andesite dyke with quartz veining returned anomalous values of silver (67 ppm), lead (9,316 ppm), and zinc (1,848 ppm) (Zhang, 2012).

Diamond drilling was undertaken to confirm the wide gold mineralization intercepts at the PD Zone and to test the potential for additional mineralization both up- and down-dip as well as along strike. Drill holes GG11-02 and GG11-04 were successful in intersecting the PD Zone. Selected significant intersections are presented below. All intersections widths are core lengths as true widths were not reported.

- GG11-01: 4.05 g/t Au over 1.01 metres;
- GG11-01: 2.38 g/t Au over 1.00 metres;
- GG11-02: 2.56 g/t Au over 1.20 metres;
- GG11-02: 4.20 metres over 36.70 metres, including 7.20 g/t Au over 17.34 metres;
- GG11-04: 4.46 g/t Au over 1.25 metres;
- GG11-04: 7.60 g/t Au over 7.50 metres;
- GG11-04: 4.33 g/t Au over 24.67 metres, including 10.58 g/t Au over 8.00 metres;
- GG11-06: 5.04 g/t Au over 1.65 metres; and,
- GG11-06: 2.65 g/t Au over 1.00 metres (Zhang, 2012).

Along with the work at Goddell Gully, New Pacific conducted field exploration work in the Carbon Hill – Antimony Creek area. Work included:

- surface prospecting: 17 samples (Carbon Hill-Antimony Creek);
- soil sampling; 155 soil samples, 100 metre by 40 metre grid and two traverses with 40 metre spacing. (Carbon Hill); and,
- diamond drilling 1 hole ATM11-01 (1 drill pad), totaling 341.00 metres, 41 samples.

Soil sampling was undertaken on the flat top of Carbon Hill, just to the south of Antimony Creek. No anomalous values were identified. The objective of drilling at Antimony Creek was to test the depth potential of the strongly altered Porter shear structure. The drill hole intersected wide mineralization in a shear zone with anomalous values of copper (Zhang, 2012).

## **6.4 OTHER AREAS**

### **6.4.1 Chieftain Hill and Raca Zone**

Some of the earliest claims in the Wheaton River area were reportedly staked on Chieftain Hill. Several were reportedly surveyed and taken to lease but no records are available. The earliest work is reported to be trenching undertaken between 1906 and 1910 on the Morning and Evening Veins (Naas, 2003).

The Raca Zone occurrence occurs on the south-facing cliffs of Chieftain Hill, directly across from the Skukum Creek Deposit. The Raca Zone is sometimes associated with exploration associated with the Skukum Creek Deposit although there should be a distinction made between the Raca copper occurrence higher up on the cliffs with the gold-silver vein

occurrences identified by drilling at lower elevations. The latter area has also been termed “Rainbow East” in some reports to make the distinction.

In 1964, Yukon Antimony acquired or staked claims over much of Chieftain Hill (including the Raca showing). Yukon Antimony constructed a tote trail and conducted bulldozer trenching in 1964-1965. Exploration at the Raca copper showing consisted of mapping, rock chip sampling and an IP survey followed by three diamond drill holes from 1967-1968. Rock sampling returned 0.05% to 1.12% Cu with an average of 0.42%. The IP survey indicated a large strong anomaly approximately 730 metres by 1220 metres. Diamond drilling above the main showing intersected pyritic volcanics and granodiorite with a maximum of 0.07% Cu. Drilling at the showing intersected 0.35% Cu over 1.52 metres near the top of hole. The third hole was abandoned in alluvium (Freeze, 1986).

The Raca Showing was restaked by Secord Investments Ltd. and Laura Developments Ltd. in 1971 with further rock sampling carried out in 1972 that returned an average of 0.11% Cu and 24 g/t Ag (Minfile 105D023). It was sold to Chatham Resources Ltd. (later Westmount Resources Ltd.) in 1973. Rock sampling during this period returned up to 4.88% Cu with a bulk sample of similar material returned an average grade of 0.11% Cu and 24 g/t Ag (Freeze, 1986).

During 1985, Westmount conducted further soil and rock chip sampling over the RACA claims, focusing in on the precious metal potential of the area. Silver values of up to 52.8 g/t Ag were reported associated with the copper mineralization. One rock sample returned 4.46 g/t Au and 21.9 g/t Ag (Freeze, 1986).

Also in 1985, Omni drilled a single reverse circulation drill hole near Skukum Creek below the Raca occurrence to test the strike extension of the newly discovered gold-silver bearing Rainbow-Road Zone (Forster *et al*, 1986). The following year this hole was extended by diamond drilling and encountered 0.41 g/t Au and 2,407.5 g/t Ag over 0.19 metres (Omni corporate files, 1986). The work by Omni focused on the structurally controlled gold-silver mineralization found at lower elevations than the surface exposures of copper mineralization (Naas, 2002).

In 1986, Agip/Total Energold relocated the Morning and Evening Veins to an area with anomalous contour soil samples. The area was referred to as the Morning Gulch (Naas, 2002).

In 1987, the Evening Grid was surveyed to cover the area of the Morning and Evening Veins after prospecting led to the discovery of the Johnny B. Vein in Morning Gulch. Subsequent geological mapping at 1:1,000 scale on the grid led to discovery of many quartz-calcite veins including the Ocean, Better B., and Pristine Veins. Soil geochemistry, prospecting, trenching, detailed mapping and ground geophysics were conducted over the grid area. Seven diamond drill holes totaling 894.18 metres were drilled to test the Evening, Pristine, Better B., Johnny B. and Ocean Veins. Maximum drill assay results of 1.37 g/t Au and 116.91 g/t Ag over 0.15 metres in the Evening Vein and 9.43 g/t Au and 87.77 g/t Ag over 1.42 metres in the Ocean Vein were obtained (Reddy and McDonald, 1989).

Exploration in 1988 included 901.92 metres of diamond drilling in eight holes, trenching, rock sampling and an HLEM geophysical survey. Holes 88-398, -399, -407 and -412 were drilled to test the Ocean Vein and holes 88-408, and -411 were drilled to test the Morning Vein. The HLEM survey indicated a continuation of the Ocean structure 300 metres to the east of the outcrop exposure. One bulldozer trench was excavated on the HLEM trace of the Ocean Vein and a 0.7 metre wide fault zone oriented at 076/84NW with anomalous gold and silver values was revealed. The Ocean Vein remained open in all directions in 1988 (Naas and Rodger, 1999).

Exploration in 1989 included grid establishment, HLEM and ground magnetic surveys, limited prospecting and diamond drilling totaling 1,803.97 metres in seven holes. With this drilling, the Ocean Vein had been tested along a strike length of 580 metres with a dip extent from 1,250 metre to 900 metre elevation. Results included 1.44 g/t Au and 173.14 g/t Ag over 0.96 metres from drill hole 89-550. Intersections were found to decrease in width to the east. The most easterly intersection, drill hole 89-561, returned 0.48 g/t Au and 97.37 g/t Ag over 0.2 metres (Reddy and McDonald, 1989).

Wheaton tested the Ocean Vein in 1991 with three diamond drill holes totaling 1,033.5 metres. Results included 0.96 g/t Au and 317.1 g/t Ag over 3.86 metres (Doherty, 1992).

In 1997, Omni undertook a five drill hole, 608 metre diamond drill program to test the eastward extension of the Ocean Vein. Intersections averaged 40 to 50 metres vertically from surface. The best result was from drill hole OC97-2 which returned 1.30 g/t Au over 1.53 metres. The vein remains open to the east as the most easterly drill hole (OC97-5) intersected 0.72 g/t Au over 1.25 metres (Elliott, 1997).

A drill program was also completed at the Raca Zone by Omni, with three drill holes totaling 847.65 metres (RACA97-1 to RACA97-3). Drilling intersected 2.66 g/t Au and 561.37 g/t Au over 3.61 metres and 3.05 g/t Au and 205.72 g/t Ag over 1.29 metres (Omni corporate files, 1997).

As part of TLG's exploration program in 2001, the Raca Zone was investigated through a one-day traverse in the Raca copper occurrence (6 rock samples) and infill sampling of the Omni drill holes (RACA97-1 to RACA97-3). Rock sampling returned up to 5,652 ppm Cu (Naas, 2003).

As part of TLG's 2002 exploration program, Chieftain Hill was included as part of the structural and alteration study of the Property, by D. Rhys and Dr. J. Lang.

In 2009, rock sampling was carried out as part of a Property wide geochemical sampling program by Yukon-Nevada Gold Corp. and NWME personnel. From 18 samples collected from the Chieftain Hill area, significant sample results include 1.06 g/t Au and 149 g/t Ag over 1.50 metres (Ocean Vein) and 1.92 g/t Au and 291 g/t Ag over 0.20 metres (Evening Vein) (Johnson and Jinsheng, 2009).

As part of New Pacific's 2011 exploration program, further evaluation of the Raca and Chieftain Hill areas were carried out. Work included:

- surface rock sampling: 277 rock samples (Raca), 2 rock samples (Chieftain Hill);
- reconnaissance geological mapping;
- soil sampling: 1.0 kilometre traverse, 25 soil samples (Raca);
- diamond drilling
  - Chieftain Hill: one drill hole (CFT11-01) totaling 346.83 metres, 157 samples;
  - Raca Zone: five drill holes (Raca11-01 to Raca11-05) from 5 drill pads, totaling 1,251.10 metres, and 726 samples; and,
- historical drill hole infill sampling: 27 samples, 3 drill holes.

Surface prospecting was aimed to confirm historical exploration results and the economic potential of the area. Five traverses of Raca-Chieftain Hill area were completed that were approximately 1.0 kilometre long that included soil/talus sampling, rock sampling and mapping (Zhang, 2012).

Soil and talus samples were collected along the traverses where there was no outcrop and to confirm the gold soil anomaly historically reported by MSGM in late 1980's. Four consecutive anomalous gold values from 165 to 310 ppb Au collected from traverse 3 confirmed the anomaly identified by MSGM in 1986 (Zhang, 2012).

Diamond drilling at Chieftain Hill was undertaken to test for a source of a gold anomaly from soil sampling. No mineralized zone was identified visually in the rhyolite flow (Zhang, 2011). Geochemical results revealed a broadly anomalous zone of gold, silver, lead and zinc between 198.39 and 268.62 metres downhole within mainly silicified and fractured rhyolite. Two zones of greater than 0.1 g/t Au are noted within this interval. The first grades 0.55 g/t Au, 10.4 g/t Ag, 0.14% Pb and 0.21% Zn over 5.66 metres (199.39-205.05m), including 1.98 g/t Au, 4.8 g/t Ag, 0.05% Pb and 0.07% Zn. The second zone grades 0.16 g/t Au, 14.2 g/t Ag, 0.05% Pb and 0.30% Zn over 8.00 metres (234.00-242.00m). Metal values diminish sharply either way from the anomalous zone. This anomalous zone appears very similar to the surface soil geochemical anomaly above the hole, and is likely the contributing source (Zhang, 2011).

Drilling at Raca encountered mineralization expected at the contact shear zone. Selected significant results are presented below. Intersection widths shown are core lengths. True widths are estimated to be approximate 75% of the core length (Zhang, 2012).

- Raca11-01: 1.91 g/t Au and 1,280 g/t Ag over 1.58 metres;
- Raca11-01: 1.92 g/t Au and 347 g/t Ag over 3.00 metres;
- Raca11-01: 1.06 g/t Au and 248 g/t Ag over 0.66 metres;
- Raca11-02: 0.75 g/t Au and 300 g/t Ag over 1.19 metres; and,
- Raca11-02- 0.19 g/t Au and 190 g/t Ag over 0.88 metres.

The historical drill hole infill sampling program returned no significant results except for occasional elevated gold values (up to 240 ppb Au, sample 7559, RACA97-2) (Zhang, 2012).

#### **6.4.2 Charleston Trend**

Prior to 1907, C. Weik staked the Charleston Vein area. To the west, a group of 12 claims was also staked, but no records are available. The Charleston claim was purchased by M. Watson from J. Hume in 1912, and was optioned to Slate Creek Mining Company in 1921 that carried out the development of the two adits (61 metres and 30 metres). Surface sampling at the time reported assays of 11.31 g/t Au, 291.4 g/t Ag over an average of 1.05 metres along a strike length of 250 metres. The claim was surveyed and taken to lease in the 1950's (Naas, 2003).

From 1964-1967, while Yukon Antimony was active in the Wheaton River area, they staked several claims immediately south of the Charleston mining lease (Naas, 2003).

Immediately north of the Charleston Mining Lease to the west of Skukum Creek, in the Twist-Watusi area, the NAT Joint Venture (Armco Mining Exploration and Chevron Canada Ltd.) staked ground in 1979, but allowed their claims to lapse by 1980. Rock sampling on the claims returned highs of 1,640 ppb Au and 100 ppm Ag from quartz veins on a ridge (probably the Twist Zone) (Naas, 2003).

From 1981 to 1984, Agip continued to add to their Mt. Skukum land package by staking north of the Charleston area, covering the Twist and Watusi Showings. Extensive preliminary surface exploration over the entire Charleston trend was carried out during this time (Naas, 2003).

In 1984, the Charleston Mining Lease was optioned to Shakwak Exploration Co. who also staked claims surrounding the Lease. Shakwak rehabilitated old trenches at the Charleston Vein as well as excavated several new ones. A new zone was located 105 metres south where results included 14.40 g/t Au, 672.0 g/t Ag over 1.89 metres (McDonald, 1985).

Mapping, sampling and further trenching was carried out from 1985-1989 by Shakwak with joint venture partners Island Mining and Exploration Co. Ltd. (1987-88) and Total Energold (1988-89) (Naas, 2003). Trenching by Island Mining in 1986 extended the Charleston Vein 430 metres to the south, and also located several other veins (Naas, 2003). Grab samples from the trenches to the south included 24.56 g/t Au, 34.6 g/t Ag from a quartz vein boulder (Garagan, 1986). Total Energold extensively sampled the Charleston Vein on surface over its exposed strike length in 1988 and rehabilitated the adits in 1989 (Borntraeger, 1990). Several extremely high values were encountered including 205.75 g/t Au, 213.4 g/t Ag over 2.05 metres.

Kerr-Addison performed grid-controlled geochemical surveys, contour sampling and trenching at the Twist Zone north of the Charleston Vein in 1985-1986. Sampling of the veins here returned up to 5.76 g/t Au and 1763.0 g/t Ag. In 1987 and 1988, Pacific Trans-

Ocean mapped, trenched, sampled and carried out ground geophysical surveys. Rock sampling during this period produced results of up to 6.34 g/t Au and 3,531.4 g/t Ag. Northern Minerals Ltd. continued exploration of the Twist Zone with further trenching and VLF surveying in 1989. Chip sampling in the trenches returned a high of 2,558 ppb Au and 193.9 ppm Ag over 0.5 metres (Naas, 2003).

No further work was carried out until 1997 when Omni Resources staked the DUKE claims over the Twist Zone, over which limited rock sampling was carried out (Omni, corporate files, 1997).

In 2000, the Charleston mining lease and the Shakwak claims lapsed and TLG (then Trumpeter Yukon Gold Inc.) restaked the area as the current CHAR claims, consolidating what has historically been a complex land position for the first time (Naas, 2003).

Exploration in 2001 by TLG included prospecting of the Charleston trend. Work included the collection of 50 rock samples and 1 stream sediment sample.

The reconnaissance-sampling program over the Charleston trend resulted in the confirmation of historic grades. The Charleston Vein returned the highest precious metal grades in the area with up to 222.07 g/t Au and 6,135.5 g/t Ag. Other significant results from along the trend include 3.80 g/t Au from the Twist Zone, and 6.50 g/t Au, 190.8 g/t Ag from the Watusi Vein. The Rumba Zone, which lies off the main Charleston trend, returned 5.78 g/t Au and 190.8 g/t Ag (Naas, 2003).

In 2009, rock sampling was carried out as part of a Property wide geochemical sampling program by Yukon-Nevada Gold Corp. and NWME personnel. From 14 samples collected from the Charleston area, significant sample results include 10.10 g/t Au and 18.45 g/t Ag over 0.30 metres and 5.14 g/t Au and 17.2 g/t Ag over 0.72 metres (Johnson and Jinsheng, 2009).

New Pacific conducted a short field visit of the Charleston and Tango Veins during 2011. The program was designed to follow up on gold-silver mineralization reported in historical exploration results and to evaluate the mineralization potential of economic importance. Twelve chip samples were collected from this Charleston Vein and one chip sample from across the Tango Vein. Chip samples of the Charleston Vein returned precious metal grades of up to 7.45 g/t Au and 49.1 g/t Ag over 0.70 metres. The sample of the Tango Vein yielded no anomalous results (Zhang, 2012).

### **6.4.3 Berney Creek**

The Berney Creek Lineament has been interpreted as the western extension of the fault system, which hosts the Rainbow and Kuhn Zones (Dussell, 1987). The fault marks the southern fault boundary of the Mt. Skukum Complex and places Cretaceous granitic basement rocks to the south in fault contact with Skukum Group volcanics to the north (Naas and Rodger, 1999).

In 1983, the area was geologically mapped and sampled. Nineteen chip and 94 talus fines were analyzed for gold, silver, copper and mercury with generally poor results (Dussell, 1987). Most prospecting and sampling was carried out in the vicinity of the Berney Creek Lineament.

In 1986 a program consisting of geological mapping, soil and rock sampling and general prospecting carried out within the Berney Creek area. Weak and discontinuous quartz veining containing base metal sulphides were located in three zones along the lineament. Quartz veining in one zone assayed 8.91 g/t Au and in a second zone further west, assayed 4.80 g/t Au. A third zone of quartz veining contained galena, chalcopyrite, malachite and azurite assayed 202.29 g/t Au and 274.29 g/t Ag (Dussell, 1987). All of these showings are weak, discontinuous and localized within granodiorite in the vicinity of the Berney Creek Lineament (Naas and Rodger, 1999).

In 2009, rock sampling was carried out as part of a property-wide geochemical sampling program by Yukon-Nevada Gold Corp. and NWME personnel. From 18 samples collected from the Chieftain Hill area, significant sample results include 1.06 g/t Au and 149 g/t Ag over 1.50 metres (Ocean Vein) and 1.92 g/t Au and 291 g/t Ag over 0.20 metres (Evening Vein) (Johnson and Jinsheng, 2009).

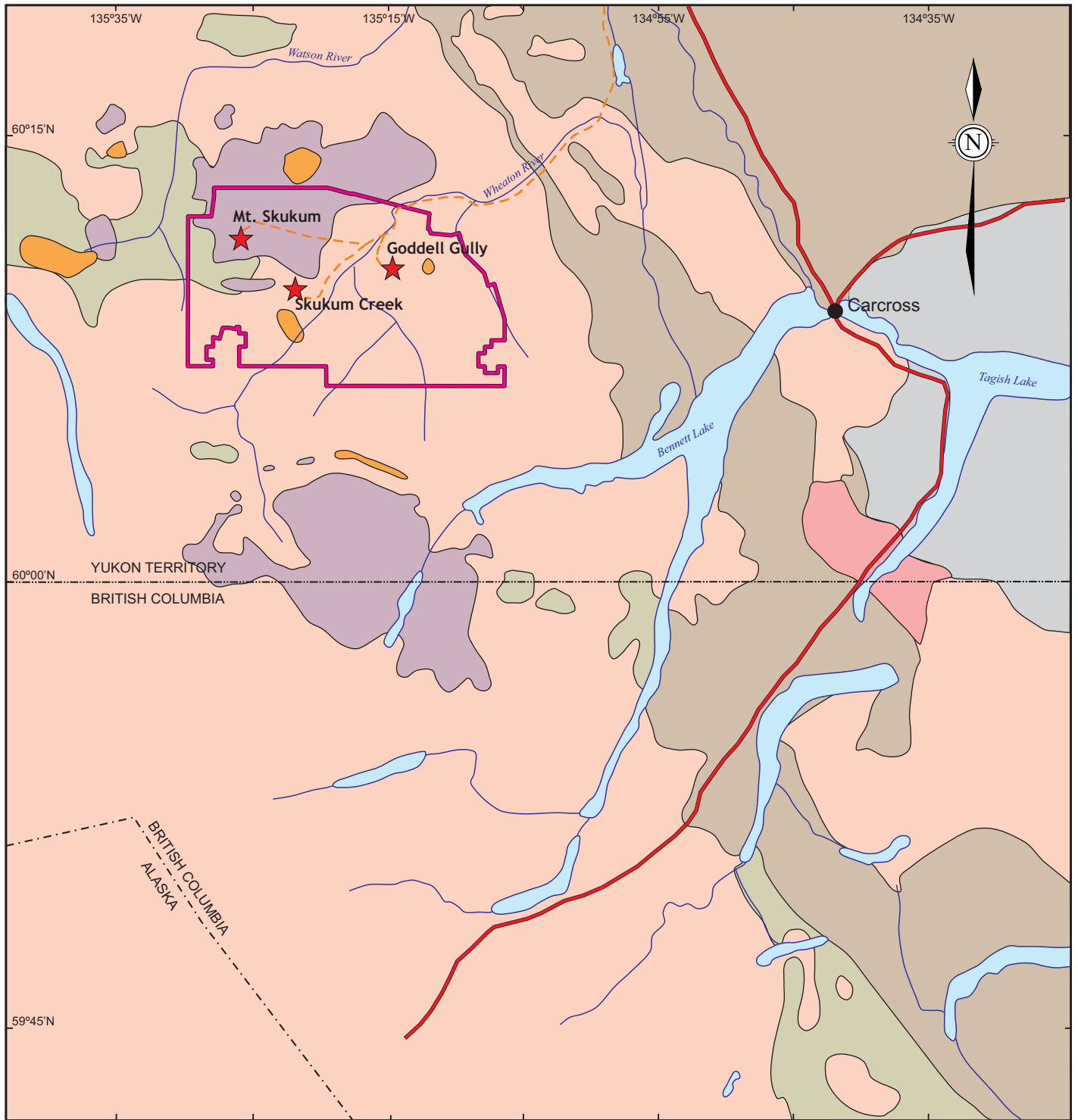
During 2011, New Pacific collected five rock samples from surface prospecting. No anomalous values were reported (Zhang, 2012)

## **7.0 GEOLOGICAL SETTING AND MINERALIZATION**

### **7.1 REGIONAL GEOLOGICAL SETTING**

The Skukum property area is situated within the Wheaton River/Bennett Lake map sheet (Hart and Radloff, 1990). The district covers the boundary between the Stikine and Nisling Terranes, of the Intermontane Superterrane (or Intermontane Belt) of the Canadian Cordillera (Naas, 2007).

The regional geological setting of the Skukum project area is described in Hart and Radloff (1990), from which the following information is summarized. The project area is located within the Intermontane belt of the Canadian Cordillera. Oldest rocks in the area comprise domains and screens of probable Paleozoic gneiss, assigned to the Nisling Terrane by Hart and Radloff (1990), and Jurassic andesitic volcanic and siliciclastic sedimentary rocks of the Stikine Terrane and Whitehorse Trough overlap assemblage (Figure 4) (Naas, 2007).



**LEGEND**

**GEOLOGY**

**Eocene**

- Skukum Group volcanics
- Skukum Group rhyolite

**Cretaceous**

- Coast Plutonic Complex
- Mount Nansen Group

**Triassic to Jurassic**

- Whitehorse Trough Overlap Assemblage
- Laberge and Lewes River Groups

**Permian**

- Taku Group (Northern Cache Creek Terrane)

**Paleozoic or Older**

- Nisling Assemblage

**SYMBOLS**

- Geological contact
- Skukum Property boundary
- Deposit location
- Town
- Road
- River and lake
- International border
- Provincial/territorial border



**NEW PACIFIC METALS CORP.**

**REGIONAL GEOLOGY  
Skukum Property**

Skukum Project  
Whitehorse Mining District, Yukon, Canada

Project No:	P68	By:	GD
Scale:	1:400,000	Drawn:	CK, TV
Figure:	4	Date:	July 2012

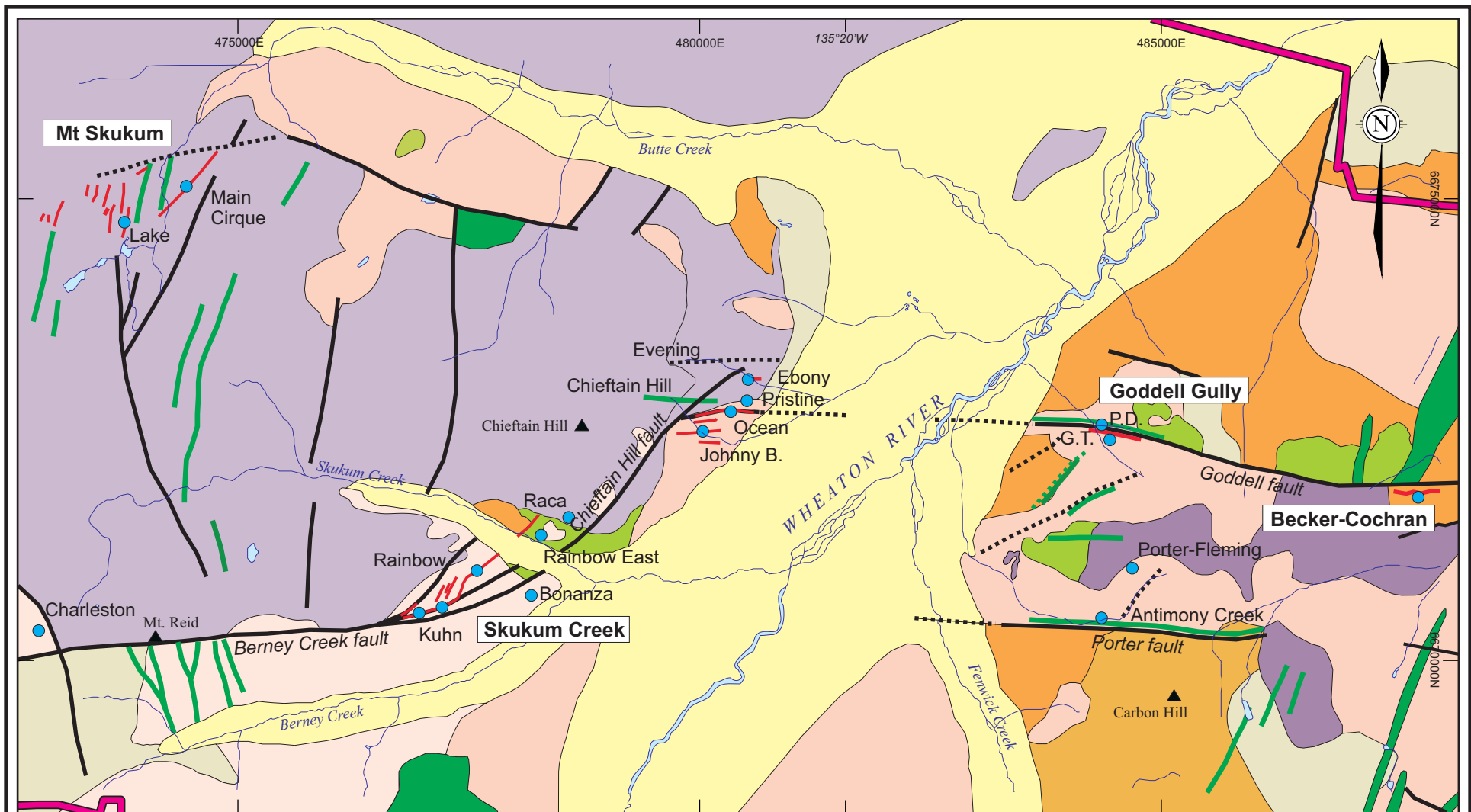


Stratigraphic and contact relationships are commonly obscured by the many intrusions associated with the Coast Plutonic Complex. Strata of the Jurassic Whitehorse trough are affected by a series of open to tight, northwest trending folds that probably formed in Upper Jurassic to Lower Cretaceous time, approximately coeval with activity of the Skeena Fold Belt to the south in British Columbia. The folds are superimposed on earlier, probably pre-Triassic, metamorphic fabrics and the northwest trending Tally-Ho shear zone, a major Late Triassic shear zone that is developed approximately 15 kilometres to the northeast of the project area and which forms the easternmost limit of exposures of the Nisling Terrane (Naas, 2007).

Mesozoic plutonic rocks, which underlie much of the project area, separate the Jurassic units and Nisling Assemblage into isolated domains and screens. Major intrusions include the Alligator Quartz Monzonite and the late Triassic or early Jurassic K-feldspar megacrystic Bennett Granite that are widespread east of the Wheaton River in the Skukum project area (Figure 5). The most abundant rock types in the region comprise metaluminous Cretaceous intrusions of the Coast Plutonic Complex, which are subdivided into several plutonic suites by Hart and Radloff (1990). The dominant Cretaceous suites in the project area include the Mt. McIntyre plutonic suite (96 to 119 Ma), comprising the Mt. Ward granite and Carbon Hill quartz monzonite (Figure 5), and the Whitehorse plutonic suite (116 to 119 Ma), locally represented by the Mt. McNeil granodiorite pluton (Figure 5). Isolated accumulations of mid- to late-Cretaceous volcanic rocks of intermediate composition of the Mt. Nansen Group are present regionally and are approximately coeval with the Coast Plutonic Complex. In the Skukum project area, these rock types occur on the eastern flanks of Carbon Hill and southeast of Goddell Gully near the Becker-Cochran deposit (Figure 5), where they comprise green tuff and tuff breccia that unconformably overlie the Bennett Granite and Jurassic strata (Figure 5) (Naas, 2007).

Late Cretaceous and Early Paleocene brittle dextral displacement associated with widespread dextral displacement throughout the Cordillera is related to reactivation of the Triassic Tally-Ho shear zone. This phase of displacement formed a brittle fault system, termed the Llewellyn fault by Hart and Radloff (1990), which exploited parts of the earlier Tally-Ho structure. Subsidiary faults generated during this tectonic episode may subsequently have been remobilized during Eocene volcanic activity to locally form caldera-bounding structures; these may also have acted as permeable structural sites for the formation of the late-volcanic vein deposits hosted by faults and shear zones in the Skukum project area (Naas, 2007).

Pre-Tertiary rock types in the region are unconformably overlain by at least four Late Paleocene to Early Eocene volcanic complexes that form the Skukum Group, and are intruded by numerous associated rhyolite and andesite dykes. In the project area, these are the youngest exposed rocks and are represented by the Early Eocene Mount Skukum volcanic complex, a caldera sequence that underlies western portions of the project area (Figure 5). The complex comprises a bimodal sequence of subaerial volcanic and volcanoclastic rocks with a total thickness that locally exceeds 800 metres, and an areal extent of approximately 200 km<sup>2</sup>. Exposures of the complex adjacent to the study area near the Skukum Creek deposits and in the Chieftain Hill area (Figure 5) are composed mainly of massive to poorly bedded, plagioclase porphyritic andesitic flows and tuff (McDonald *et al.*, 1990, Naas, 2007).



**LEGEND**  
**GEOLOGY**

- Recent**  
 Alluvium, colluvium
- Tertiary**  
 Skukum Group volcanics  
 Rhyolite to andesite dykes, stocks
- Cretaceous**  
 Mt. Nansen Group volcanics
- Upper Jurassic**  
 Clastic sediments, andesitic volcanics

- Mid-Cretaceous Intrusions**  
 Mt. McNeil pluton: granodiorite  
 Mt. McIntyre Plutonic Suite: quartz monzonite, granite
- Late Triassic to Early Jurassic Intrusions**  
 Bennett Granite: K-feldspar megacrystic granite  
 Alligator quartz monzonite
- Paleozoic**  
 Nisling Assemblage metamorphic rocks

**SYMBOLS**

- Selected deposit or showing
- Skukum Creek Deposit name
- Fault
- Fault, inferred
- Au ± Ag ± Sb or Sb mineralized vein or fault
- Property boundary



UTM Zone 8 North  
NTS 105D/3,4,5,6

**NEW PACIFIC METALS CORP.**

**PROPERTY GEOLOGY**  
**Skukum Property**

Skukum Project  
Whitehorse Mining District, Yukon Territory, Canada

Project No:	P68	By:	LM, TV
Scale:	1:62,500	Drawn:	TV
Figure:	5	Date:	July 2012



Rocks of the Mt. Skukum Volcanic Complex rocks are locally separated from pre-Tertiary rock types by east- to northeast-trending, curved faults such as the Berney Creek fault and Wheaton lineament that may have been active synchronously with volcanism and which potentially form caldera-bounding structures (Figure 5) (Hart and Radloff, 1990). These structures, which locally may represent reactivated older faults, and parallel faults within the volcanic complex are host to or control probable synvolcanic vein and shear zone hosted Au-Ag mineralization in the district (Naas, 2007).

### **7.1.1 Some Aspects of Regional Metallogeny**

Regionally, most of the tectonic and magmatic events have or may have been accompanied by respective metallogenic assemblages (Mihalynuk *et al*, 1997). In particular, Upper Triassic arc rocks of the Whitehorse Trough are lithologically and temporally equivalent to those hosting important copper-molybdenum-gold porphyry deposits in southern British Columbia. Early Jurassic intrusive rocks are also known to host copper-gold mineralization in the central-western Yukon (Minto and Williams Creek deposits; Tafti and Mortensen, 2004). Cretaceous plutons produce copper skarns where they cut Upper Triassic carbonates in the Whitehorse copper belt (Mihalynuk *et al*, 1997), as well as copper-gold porphyry mineralization. The southern end of this belt may extend into the Skukum area. Epithermal gold-silver mineralization related to volcanic rocks forms a distinct belt extending from north to south across southern Yukon; this incorporates the Mount Nansen cluster of epithermal gold deposits and occurrences related to 100 Ma Mount Nansen volcanics, the Laforma epithermal gold deposit related to the Carmacks Group volcanics (75 Ma), and finally the Mt. Skukum gold prospect, further south, related to Tertiary volcanic rocks (55 Ma). The emplacement of some of these volcanic rocks are responsible for both epithermal and possibly related copper-porphyry deposits (i.e., the Laforma gold veins and the Casino copper-molybdenum-gold deposit), suggesting the respective epithermal-porphyry transitions (Naas, 2007).

## **7.2 LOCAL GEOLOGICAL SETTING**

The local geology was described in a number of papers (Wheeler, 1961; Doherty and Hart, 1988; Hart and Radloff, 1990) and summarized by Lang *et al*. (2003). The Wheaton River area covers the boundary between the Stikine and Nisling Terranes, of the Intermontane Superterrane (or Intermontane Belt) of the Canadian Cordillera. The rocks consist of Paleozoic(?) gneiss assigned to the Nisling Terrane, and Jurassic andesite and siliciclastic rocks of the Stikine Terrane and Whitehorse Trough overlap assemblage, respectively.

The older rocks were intruded by late Triassic or early Jurassic K-feldspar megacrystic Bennett Granite (175 Ma), and then by metaluminous Cretaceous intrusions of the Coast Plutonic Complex including the most abundant Whitehorse Plutonic Suite (116-119 Ma), locally represented by the Mt. McNeil granodiorite pluton and associated rocks, and the Mt. McIntyre plutonic suite (96-119 Ma); the latter includes the Mt. Ward granite and Carbon Hill quartz monzonite. Intermediate Cretaceous volcanic rocks of the Mt. Nansen Group, thought

to be approximately coeval with the Coast Plutonic Complex, are present regionally, and in the property area occur east of the Wheaton River (Lang *et al.*, 2003).

As noted by Lang *et al.* (2003), the early Eocene Mount Skukum volcanic complex, part of the widespread late Paleocene to early Eocene felsic to intermediate volcanism of the Skukum Group (Smith, 1982 and 1983; Pride, 1986), is a caldera sequence that underlies the western portion of the district. The Mount Skukum complex consists of up to 800 metres of mainly porphyritic andesitic flows and tuff exposed over an area of approximately 200 km<sup>2</sup>. These volcanic rocks are locally separated from pre-Tertiary rocks by curved, east- to northeast-trending structures such as Berney Creek fault and Wheaton lineament (coincident with the Wheaton River valley on Figure 5) that have been inferred to be syn-volcanic, caldera-bounding faults (Hart and Radloff, 1990). These and parallel structures host gold-silver mineralization in the district (Naas, 2007).

### **7.2.1 Stratigraphy**

#### **Proterozoic to Paleozoic Metamorphic Formations**

Metamorphic rocks of the Nisling Terrane underlie the western extent of the property (Charleston area), and occur as isolated roof pendants in the Chieftain Hill and Goddell areas of the property. These metamorphics are comprised of three units, the Nisling and Nasina assemblages as well as undifferentiated gneiss (Naas, 2007).

#### ***Nisling Assemblage***

This assemblage is comprised of rusty-brown weathering, competent, non-fissile biotite-muscovite-quartz-feldspar schist, quartzite and marble. A planar foliation is well developed parallel to compositional layering. Compositional layering is observed in the schists and quartzites from 1-2 centimetres wide and from 1 to 100 metres wide in the marbles (Naas, 2007).

#### ***Nasina Assemblage***

These rocks are very similar to the Nisling Assemblage in composition but distinguishable by graphitic, commonly garnet-bearing quartz schists and lesser marble. The best exposures are seen to the west of Mt. Skukum. The rocks are also well foliated but fissile due to partings on the graphitic layers. The typical lithology is garnet-muscovite, garnet-graphite schists and carbonaceous quartzite (Naas, 2007).

#### ***Undifferentiated Gneiss***

Feldspar-hornblende orthogneiss with minor biotite, epidote, and chlorite are found on Chieftain and Carbon Hills in the Wheaton River area. This unit is not in actual contact with the other two but has been included in the Nisling Terrane based on descriptions and other relationships determined by other workers (Naas, 2007).

### **Jurassic volcanic and siliciclastic rocks**

Pebble conglomerate is present in several drill holes completed historically at the eastern end of the Rainbow Zone, immediately southwest of Skukum Creek. The unit is composed of clast-supported conglomerate with rounded clasts of chert and quartzite in a pale green sericitic matrix. This unit probably belongs to the Jurassic Tantalus Formation (cf., Hart and Radloff 1990). It is present in an area of no outcrop and core is incomplete and partially lost for the holes containing this unit, so its contact relationships and orientation could not be assessed. Conglomerate that has been mapped along the southeastern flanks of Chieftain Hill by Mt. Skukum Mines (unpublished mine maps; Hart and Radloff 1990), and which is intercalated with Jurassic volcanic rocks, may also correlate with this unit (Naas, 2007).

Diamond drill holes drilled in the Rainbow East Zone (RACA97-1 to RACA97-3) first pass through thick, recent talus of fresh Tertiary volcanic rocks, and then intersect pale grey, sericite-pyrite  $\pm$  magnetite altered, locally plagioclase  $\pm$  pyroxene porphyritic volcanic rocks of probable intermediate composition. Main rock types include massive, grey lapilli to block tuff and tuff breccia, and massive porphyritic flows or subvolcanic intrusive rocks. These units are distinct from the fresh Tertiary volcanic units present in talus higher on the slope. Their altered state, close spatial association with Jurassic conglomerate of the Tantalus Formation that is present immediately across Skukum Creek, and occurrence of Cretaceous intrusive rocks within them suggest that they may correlate with Jurassic pyritic andesitic volcanic rocks present on the eastern flank of Chieftain Hill two kilometres to the northeast (Figure 5). Since these volcanic units are present in an area of poor exposure under talus, their contact relationships with adjacent rock types are not well defined but recent surface mapping by New Pacific in 2011 indicates has identified a thrust contact between the volcanic units.

### **7.2.2 Tectonic Structures**

Rocks at the Skukum Creek deposit have been affected by several phases of faulting, and Jurassic and older rocks have also been subjected to regional penetrative strain manifested by one or more phases of foliation development and, locally, by folding (Lang and Rhys, 2002). In particular, foliation is developed in K-feldspar granite on the north-east side of the Skukum Creek, which is assigned to the Bennett Granite (Naas, 2007).

Faults and shear zones developed in the Skukum property area comprise predominantly east- and north-east trending structures in all rock types, and additional significant north trending faults developed in the Mt. Skukum Volcanic Complex. Major north-west trending, Cordillera-parallel faults and shear zones are not well represented in the area, apart from some north-west trending lineaments defined by valleys and drainages, which do not accommodate regionally significant displacements but which may have local significance (Lang and Rhys, 2002) (Naas, 2007).

Major faults in the property area probably form part of a single, anastomosing and bifurcating fault system. These structures include the Berney Creek and Chieftain Hill faults developed on the west side of the Wheaton River valley, and the Porter and Goddell faults developed to

the east. All of these structures are spatially associated with rhyolite and andesite dykes, and with Au-Ag+Sb and Sb mineralization (Naas, 2007).

Lang and Rhys (2002) assign the local shear zones occurred in the Skukum Creek deposit area to the Berney Creek fault system. The Berney Creek fault occurs on surface as a rusty, east-northeast trending lineament running along the southern, upper part of Mt. Reid ridge for up to 5 kilometres southwest of the Skukum Creek deposit. It dips vertically or steeply to the southeast. The fault locally defines, or occurs near, the contact between rocks of Mt. Skukum volcanic complex to the north and Cretaceous granodiorite to the south. Multiple fault strands over a width of several hundred metres contain slivers of Tertiary volcanic rocks and conglomerate and Cretaceous granodiorite. Rapid thickening of the Skukum Creek volcanic rocks to the north of the fault, their dip away from this structure, and the occurrence of several rhyolite and andesite dykes within the fault zone that may in part represent feeders to the volcanic rocks suggest that this structure may have been active synchronously with volcanism and may therefore form a caldera bounding fault (McDonald *et al*, 1990; Hart, 1992). Between several hundred metres and 1 kilometre of north side down displacement are estimated by McDonald *et al* (1990), based on the thickness of the Mt. Skukum volcanic rocks to the north (Naas, 2007).

The Berney Creek fault curves to more northeasterly trends at the Skukum Creek deposit, and may be continuous with the Chieftain Hill fault system on the northeast side of the Skukum Creek. Northeast trending splays and fault steps off the north side of the Berney Creek fault at its northeastern, bending end may include the Kuhn and Rainbow (and possibly other) faults, which are host to mineralization at the Skukum Creek deposit (Naas, 2007).

Other significant faults within the property area include the Chieftain Hill fault system and Wheaton lineament, Goddell fault, Porter fault. In particular, the Chieftain Hill fault system is defined by a set of northeast trending, vertical to steeply southeast dipping faults developed along the eastern and southeastern flanks of the Chieftain Hill, possibly as the northern continuation of the Berney Creek fault. The Chieftain Hill fault system is parallel and developed approximately 400 metres southeast of the Wheaton lineament, a linear, northeast trending, 30 kilometres long feature defined by Hart and Radloff (1990) based on air photo enhanced Landsat TM imagery. Its southwestern end is interpreted to pass through the eastern flanks of the Chieftain Hill (Naas, 2007).

The Goddell fault is a steeply dipping, east-southeast trending fault system that is developed in pre-Tertiary rocks over a minimum 5 kilometre strike length east of the Wheaton River valley. Like other east trending faults in the area, the structure is intruded by rhyolite and andesite dykes along its length and has associated Au-Sb and Sb mineralization occurred as the Goddell Gully and Becker-Cochran prospects, respectively. The Porter fault is parallel to and developed 2 kilometres south of the Goddell fault and also controls andesite and rhyolite dykes (Naas, 2007).

### 7.2.3 Igneous Rocks

Numerous types of intrusive rock of widely variable composition and texture are identified on the Property. In general, three igneous complexes can be conditionally distinguished within the property, namely, (1) Triassic-Jurassic Bennett Granite Stock, (2) Cretaceous multiphase intrusions of the Coast plutonic complex (gabbro, monzonite/diorite, granodiorite, quartz monzonite, monzonite-porphyry, and various granites), and (3) Tertiary volcanics and related subvolcanic dykes and stocks of the Mt. Skukum Volcanic Complex (Naas, 2007).

#### **Triassic-Jurassic Bennett Granite Stock (K-Feldspar megacrystic biotite-hornblende granite)**

Diamond drill holes completed in the Rainbow East Zone on the northeast side of Skukum Creek (holes RACA97-1 to 3) intersected a foliated K-feldspar megacrystic granite, which based on textural and mineralogical similarity, is interpreted to be the Bennett granite which is widespread in the region. Doherty and Hart (1988) report a U-Pb zircon age for the Bennett granite of about 220 Ma, although other U-Pb dates in the region return approximately 175 Ma (J. K. Mortensen, *pers. comm.* 2002, in Lang and Rhys, 2002). This unit is easily distinguishable by the presence of pink euhedral K-feldspar megacrysts up to several centimetres across in greenish-gray medium- to coarse-grained, equigranular groundmass (Naas, 2007).

#### **Cretaceous Coast Plutonic Complex**

As noted above, multiphase intrusions of the Coast Plutonic Complex in the property area are subdivided into several plutonic suites (Hart and Radloff, 1990). The dominant Cretaceous suites include the Mt. McIntyre plutonic suite (96 to 119 Ma), comprising the Mt. Ward granite and Carbon Hill quartz monzonite, and the Whitehorse plutonic suite (116 to 119 Ma), locally represented by the Mt. McNeil granodiorite pluton. Isolated accumulations of mid- to late-Cretaceous volcanic rocks of intermediate composition of the Mt. Nansen Group are present regionally and are approximately coeval with the Coast Plutonic Complex. On the Property, these rock types occur on the eastern flanks of Carbon Hill and southeast of Goddell Gully near the Becker-Cochran deposit, where they comprise green tuff and tuff breccia that unconformably overlie the Bennett Granite and Jurassic strata (Figure 5) (Naas, 2007).

**The Mt. McIntyre plutonic suite** (96 to 119 Ma) comprises the Mt. Ward granite and Carbon Hill quartz monzonite intrusives (Naas, 2007).

#### ***Hornblende-biotite quartz monzonite (Carbon Hill pluton of Mt. McIntyre Plutonic Suite)***

This is the main host rock to the Goddell Gully and Porter fault zones on the east side of the Wheaton River valley. Hart and Radloff (1990) report a poorly constrained K-Ar date of  $96 \pm 15$  Ma for this intrusion, which is broadly consistent with 107 to 110 Ma U-Pb zircon results obtained from other plutons of the same plutonic suite in the area. It is a medium-grained, equigranular reddish-pink rock with subequal K-feldspar and plagioclase and about 20% combined hornblende and biotite. It is moderately magnetic, but less so than the Mt McNeil stock. It has invariably been affected by strong alteration where close to the Goddell Gully

and Porter fault zones. No temporal relationships were observed with other intrusions except for cross-cutting Tertiary rhyolite and andesite dykes (Naas, 2007).

**The Whitehorse plutonic suite** (116 to 119 Ma) forms the Mt. McNeil pluton and is represented by gabbro, monzonite/diorite, granodiorite (major intrusive phase), quartz monzonite, monzonite-porphyry, and various granites (Naas, 2007).

#### ***Gabbro***

Gabbro was for the first time encountered during the 2006 drilling program, in drill hole SC06-52 (interval 138-145 metres) drilled to explore the area south of the Rainbow 2 and Kuhn mineralized zones. This is a medium-grained, equigranular meso- to melanocratic dark-gray rock, with nearly equal amounts of clinopyroxene and amphibole (mafic index is about 60%); the presence and abundance of amphibole reveals possibly transalkalic composition of the rock. This rock is found in contact with the McNeil granodiorite and is apparently crosscut by the latter (Naas, 2007).

#### ***Biotite-pyroxene monzonite/diorite***

This rock type was observed in the Skukum Creek area, in vicinity to and especially immediately north of the Rainbow and Rainbow 2 mineralized zones. The rocks are dark-gray, fine- to medium-grained, and equigranular. Mafic minerals (clinopyroxene, amphibole, and biotite) together make up 30 to 35% of the rock. Quartz is locally present in minor (<5%) concentrations. The rock exhibits very irregular textures, with coarser- and finer-grained, more or less meso- and melanocratic sectors, locally – with clots of mafic minerals, variously sized mafic enclaves and xenoliths – possibly indicating a processes of hybridism, magma mingling/mixing. The rocks are crosscut by McNeil granodiorite, quartz monzonite, monzonite-porphyry, and younger Tertiary dykes (andesites to rhyolites) (Naas, 2007).

#### ***Biotite-hornblende granodiorite (Cretaceous Mt McNeil pluton)***

Within the Skukum project area, the Mt. McNeil pluton underlies the valley of Berney Creek, Mt. Reid and the south side of Skukum Creek, immediately to the south of the Mt. Skukum volcanic complex. Hart and Radloff (1990) report a 111 Ma U-Pb zircon age from the pluton in the Skukum project area. The rocks are gray in color (from dark-gray to light-gray), mesocratic, medium- to coarse-grained, equigranular to seriate, and are characterized by large, euhedral amphibole grains that are mostly 3 to 6 millimetres (up to 1 centimetre) long. They typically contain approximately 10% hornblende, 5% biotite, 25 to 30% quartz, 30 to 35% plagioclase, and 20% K-feldspar, providing an IUGS classification as biotite-hornblende granodiorite. Fresh rock contains abundant magnetite. Partially disaggregated cognate xenoliths of fine-grained monzonite/diorite are common. Hornblende and biotite have been at least partially replaced by greenish chlorite in even the freshest samples. Granodiorite is crosscut by quartz monzonite, monzonite-porphyry, and younger Tertiary dykes (andesites to rhyolites). Alteration is pervasive and much stronger close to major shear zones (Naas, 2007).

#### ***Weakly porphyritic quartz monzonite***

This rock type forms small dykes up to several metres thick and traceable for many tens of metres, crosscutting the Mt. McNeil granodiorite. It has characteristic pale-pink color, meso- to leucocratic appearance, fine-to-medium-grained weakly porphyritic texture, with

plagioclase phenocrysts. Mafic minerals (20-30%) include both amphibole and biotite. Several northeast trending dykes of quartz monzonite have been mapped in the western part of the Rainbow 2 and Kuhn Zones. Contacts between the quartz monzonite and the granodiorite are distinct. The quartz monzonite is crosscut by monzonite-porphyry, andesite and rhyolite dykes (Naas, 2007).

Despite of the similarity in rock names, the weakly porphyritic quartz monzonite and the Carbon Hill pluton hornblende-biotite quartz monzonite are easily distinguishable by their color, equigranular versus porphyritic texture, and general appearance (Naas, 2007).

#### ***Porphyritic hornblende monzonite to quartz monzonite (“monzonite-porphyry”)***

This unit is present as irregular bodies and dark dykes within the Mt. McNeil pluton in the vicinity of the Skukum Creek deposits. The rock is gray to dark-gray in color and typically has a salt and pepper texture that reflects subequal concentrations of euhedral hornblende prisms and equant, white plagioclase phenocrysts. The groundmass is dark and fine-grained. Some variations on this rock type contain minor quartz. Plagioclase phenocrysts form approximately 40% of the rock, and locally exceed 50%. The moderate response to K-feldspar staining is consistent with monzonite. This rock type is common in the Skukum Creek area, but it was not observed at Goddell Gully or Chieftain Hill. The rock locally contains minor cognate diorite xenoliths, but their concentration is markedly less than in the Mt. McNeil granodiorite. It commonly contains inclusions of the Mt. McNeil granodiorite and weakly porphyritic quartz monzonite (the latter are more frequent), but is cut by andesite and rhyolite dykes (Naas, 2007).

#### ***Biotite granite***

This rock was observed by Lang and Rhys (2002) and described as a medium-grained, equigranular intrusive rock that occurs locally in the Taxi Zone and in drill holes south of the Kuhn Fault. No significant alteration or distinctive fabric has been noted in this unit. Dykes of this rock type crosscut the Mt McNeil granodiorite, but were not observed in contact with other intrusions. The rock is moderately magnetic and the only mafic phase is biotite. It is cut locally by chlorite or sericite veinlets (Naas, 2007).

#### ***Aplites and Pegmatites***

Small dykes and dykelets of fine-grained equigranular aplites and coarse-crystalline pegmatites are widespread cutting through the Mt. McNeil granodiorite in the Skukum Creek area. According to Lang and Rhys (2002), these dykes are most abundant in areas that are also cut by biotite granite dykes, to which they might be related. They are late magmatic features that are cut by minor shear zones and altered. Sometimes small aplite dykes grade to a core of pure quartz, a pattern common to aplites in many systems (Naas, 2007).

Considering a geological history of emplacement of the rocks allocated to the Coast Plutonic Complex in the Skukum Creek area, a missed member is apparent, namely, late mafic dykes that are very common in many multiphase intrusive suites following the youngest granites. In this regard, it will not be surprising, if a follow-up study reveals some andesite dykes currently considered to represent the Tertiary subvolcanic formations are in fact late mafic dykes accompanying the Cretaceous intrusives (Naas, 2007).

## 7.2.4 Tertiary Volcanic and Subvolcanic Rocks

### Tertiary Volcanics (Mt. Skukum Volcanic Complex)

The complex is an early Eocene, bimodal sequence of sub-aerial volcanic and volcanoclastic rocks that have been deposited over approximately 140 square kilometres. The complex trends northeast in a 20 by 11 kilometre ellipsoid, bounded by faults to the south and east, and divided into two parts by two north-south trending faults. The eastern part has been down-dropped by as much as 300 metres relative to the western block (Pride, 1986). The eastern portion of the complex is comprised of mainly felsic pyroclastic rocks intercalated with brecciated flow-banded and spherulitic rhyolite lava flows. These felsic units are particularly thick in the northeastern and southeastern parts of the complex where prominent large-scale arcuate fracture systems, large slump blocks, vent facies pyroclastic rocks and other features indicate centres of volcanism and associated margins of nested caldera subsidence. The western block is underlain by at least 850 metres of andesite, which host the Mt. Skukum gold prospect. The andesite unconformably overlies the basement of metamorphic Nisling Terrane and intrusive Coast Plutonic Complex on a highly irregular erosion surface (Jago, 1991) (Naas, 2007).

The following terminology regarding the stratigraphy of the Mt. Skukum Volcanic Complex is based on the work of Hart and Radloff (1990):

*Ibex Formation*: dark, vitreous, flow-banded rhyodacite flows with sparse feldspar phenocrysts and welded tuff and common granitic fragments. This unit may or may not be part of the Skukum Group but is found overlain by Butte Creek Formation.

*Mount Reid Formation*: Massive, hematitic, clast-supported, cobble and boulder conglomerate with locally derived basement fragments.

*Butte Creek Formation*: consists of three sub-units of well-bedded, pastel coloured felsic and altered felsic pyroclastic rocks with interbeds of grey, green and purple interbeds, interlayered epiclastic sediments and tuffs, and undivided tuff and epiclastics.

*Watson River Formation*: massive to poorly-bedded, dark-brown and purple to pale green columnar-jointed andesite and andesite porphyry flows, as well as pale green dacitic to andesitic lithic tuff.

*Vesuvius Formation*: consists of a variety of rhyolite tuffs and flows, lithic tuffs, and a collapse breccia of large blocks of flow-banded rhyolite. The various sub-units range in color from dark reddish-brown to green to tan to grey.

### Tertiary Subvolcanic Dykes and Stocks

#### *Andesite dykes*

These intrusions are widespread throughout the project area, but are generally most common within or adjacent to major fault zones (cf. rhyolite dykes below). The most common types are either dark grey aphyric, or have a porphyritic texture defined by hornblende and plagioclase. Both types of dyke may be altered and locally mineralized. The andesites were observed to cut most of the pre-Tertiary phaneritic intrusive rocks, but with respect to rhyolites it can only be said that some andesite dykes are older than some rhyolite dykes. Several types of andesite dykes are probably present in the area, but work was inadequate for

full delineation. Andesite dykes that intrude pre-Tertiary rocks in the area may represent subvolcanic feeders to the Mt. Skukum volcanic complex (Naas, 2007).

### ***Dacite dykes***

Dacite dykes are also widespread in the area; in particular, dacite forms the large Portal Dyke striking roughly north (north-east) and found just east of the Rainbow mineralized zone. Dacite is a brown to brick-brown aphanitic rock, with small plagioclase phenocrysts and quite common small vugs filled in by chlorite and epidote (Naas, 2007).

### ***Rhyolite dykes***

These subvolcanic intrusions comprise a diverse group of felsic dykes that are variable in mineralogy, texture, and their spatial and temporal relationships to hydrothermal alteration and mineralization. Rhyolite dykes were observed to cut most intrusions on the property, but have variable timing relative to andesites as noted above, suggesting multiple pulses of both intrusive types. Like the andesite dykes, rhyolite dykes commonly have a spatial association with, or are developed within, major east- and northeast-trending fault systems. In the Skukum Creek area and at Chieftain Hill, the most typical appearance of the includes a light beige to light grayish-green color, and a aphanitic texture with up to 10% clear, rounded to square and locally resorbed quartz phenocrysts mostly <3 to 4 millimetres in size. Prominent flow banding is well developed near the contacts of many of the larger dykes (Naas, 2007).

Three distinctive quartz  $\pm$  K-feldspar porphyritic dykes that are present in the Goddell Gully area along the Goddell fault belong to the rhyolite dyke group. These have been termed the North, Central and South marker dykes in old drill logs, based on a consistent and predictable distribution along strike. The North and South Marker dykes lack flow banding and have a higher concentration of K-feldspar phenocrysts and more variable concentrations of quartz phenocrysts than the Central Marker dyke. The Central Marker dyke has well-developed flow banding, overall texture, equant quartz phenocrysts, and alteration and disseminated pyrite that makes it much more similar to the mineralized rhyolite dykes at Skukum Creek. The relative age of the three rhyolite dykes at Goddell was not established (Naas, 2007).

A single, narrow spherulitic rhyolite dyke was observed in the Ridge Zone. It is characterized by spherules <4 millimetres in size and several percent disseminated pyrite; the age of this intrusion relative to other types of rhyolite dyke is unknown but similar intrusions at Mount Skukum were considered by McDonald *et al* (1990) to be among the youngest rock types in the area (Naas, 2007).

### ***Zoned Andesite-Dacite dykes***

Zoned andesite-dacite dykes were apparently firstly observed during the 2006 Phase V drilling program in the western parts of the Rainbow 2 and Kuhn mineralized zones (DDH SC06-48, SC06-53 to SC06-55). In most cases, dacite occupies central (“core”) position in the zoned dykes and exhibit quite sharp (less often gradual) contacts to the “rimming” andesites. These relationships can be considered as revealing intra-chamber magmatic differentiation rather than successive emplacement of various rock types. Visually, the andesites and dacites found in the zoned dykes are indistinguishable from those forming “regular” dykes composed of one rock type. The only difference is that the zoned dykes are

much thicker than the “regular” ones. Furthermore, the zoned dykes apparently evolve into the less thick “regular” ones along strike and down-dip (Naas, 2007).

### ***Composite Andesite-Rhyolite and Andesite-Dacite-Rhyolite dykes***

Composite andesite-rhyolite and andesite-dacite-rhyolite dykes represent something different from the zoned andesite-dacite dykes mentioned above. The difference is that these rock types are found in crosscutting relationships rather than in gradual transitions. In other words, these complex dykes were likely formed by subsequent intrusion of portions of magma with different composition; these intrusions were controlled by multiple re-activation of the same controlling tectonic structures. In all cases, rhyolite appears to be younger than other rock types (dykes). It is important that the largest dykes identified on the prospect (namely, the Rainbow 2, Kuhn, and possibly Rainbow dykes) represent this type of composite dykes, with perhaps earlier zoned andesite-dacite and/or unzoned andesite dykes intruded by rhyolite dykes (Naas, 2007).

### ***Post-hydrothermal amygdaloidal andesite dykes***

These occur in several places at Skukum Creek; one of them was intersected by SC06-52 (interval 110 to 125 metres) south of the Kuhn Zone. They tend to be fresh and undeformed, even where located close to known mineralization, and are consequently interpreted as post-hydrothermal. These dykes range up to several metres in width. They have a fine-grained to aphanitic, dark-coloured groundmass, and are distinguished by white to clear amygdules infilled by quartz and/or calcite. Similar dykes were interpreted to be the latest stage of intrusive activity in the vicinity of the Mount Skukum mine (McDonald *et al*, 1990) (Naas, 2007).

## **7.3 MINERALIZATION**

### **7.3.1 Mt. Skukum**

Mineralization within the Mt. Skukum area is restricted to gold veins that occur in shear and fault zones located on the caldera margin, along major cross-cutting faults and in local, complex faults zones associated with collapse of the nested calderas. Productive veins in the Mt. Skukum area consists of electrum-bearing quartz-calcite-sericite veins (Naas, 2004).

### **Main Cirque Zone**

The mined-out Main Cirque Vein is hosted within porphyritic andesite cut by various andesite dykes (Figure 6), and in particular a 2 to 60 metre wide steeply dipping rhyolite dyke along the north south trending Main Cirque Fault Zone. The ore zone was approximately 200 metres long, 80 metres in depth and on average 5 metres wide. Mineralization consisted of multiple emplacement electrum- and native silver-bearing quartz-calcite-sericite veins with marginal stockwork and gouge zones. The stockwork veins locally coalesced to form near vertical shoots of massive quartz-carbonate veins. Veins typically occur as 0.5 to 25 metre wide zones of stockwork veinlets 5 millimetres to 2 metres wide, which crosscut rhyolite and porphyritic andesite dykes and hydrothermal breccias. All massive veins narrow at depth and bottom out in quartz-carbonate stockworks (McDonald *et al*, 1989).

### **Lake Zone**

The Lake Zone consists of two interconnected veins of different orientations hosted in gently west-dipping propylitically altered porphyritic andesite and pyroclastic andesite rocks. The veins occur as massive, fine to coarse grained quartz-calcite-sericite veins, re-cemented vein breccias, vein-wallrock breccias, hydrothermal breccias and stockwork. Accessory minerals include generally <1% combined pyrite, pyrrhotite, sphalerite, galena, rhodochrosite, rhodonite and visible electrum (Naas, 2004).

Drilling and underground development indicates a 50° dipping, 020° trending vein (and associated secondary subparallel veins and splays) interconnects with a vertical 012° vein. The former has a drill indicated strike length of 650 metres, and 230 metre vertical extent. Thickness of the vein varies widely from 0.1 to 10.1 metres, averaging 0.6 metres. The southerly portions of the vein average about 2.5 metres. The latter vein (012° trend) originates to the south as vertical splay. Moving along strike to the north, the vein is generally narrow and discontinuous for 125 metres, until it diverges and becomes thicker and more continuous for the next 250 metres until it intersects the surface. This vein is 0.1 to 7 metres thick, averaging 0.45 metres (McDonald *et al*, 1989).

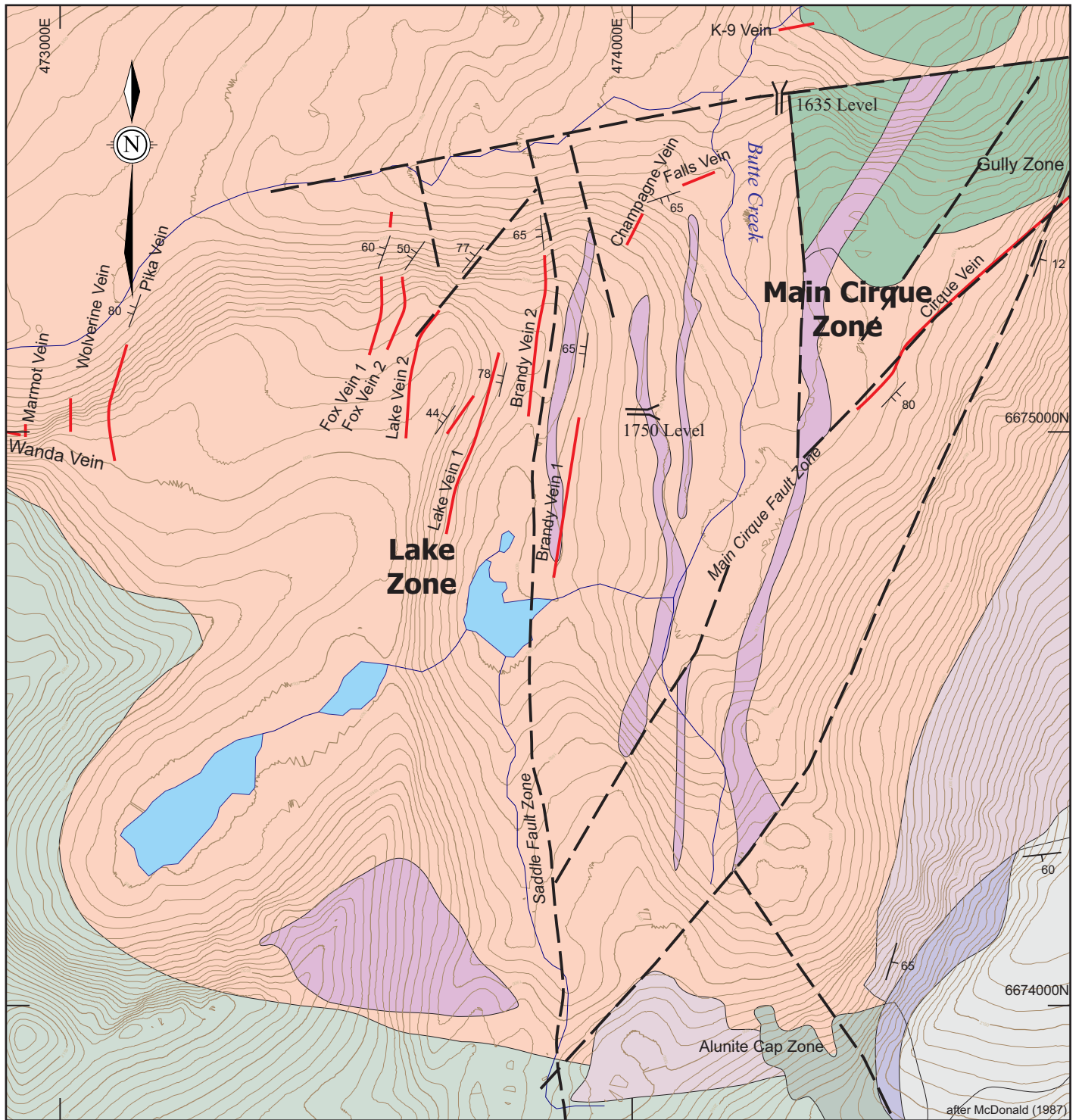
### **Brandy Zone**

The Brandy Zone comprises a series of up to six subparallel gold-bearing quartz-calcite veins striking 014° and dipping 55-70° west. The veins occur over 150 metres width and a 650 metre strike length. Veins are hosted in flat-lying porphyritic andesite flows and tuffs, which are crosscut by numerous steeply dipping rhyolite and andesite dykes and form part of the Brandy Zone structure. The veins consist of quartz, calcite, sericite and visible electrum.

Epidote and chlorite are common as alteration in the wallrock or in vein breccias where the vein material forms the matrix for altered wallrock fragments. The veins range from 0.08 to 2 metres thick and average 0.2 metres (McDonald *et al*, 1989).

### **Other Zones**

The numerous other veins occurring in the Mt. Skukum area show similar characteristics to the primary veins. All veins are typically quartz-calcite-sericite veins and stockworks with very fine-grained electrum and sulphides. Grades in several of the veins (e.g. Wolverine, Marmot) may contain economic gold (+silver) grades but often show a very erratic distribution of grade. Gold-silver ratios are typically 1:1 to 1:3 (Naas, 2004).



after McDonald (1987)

0 250m

UTM Zone 8 North, NAD83  
105D03,04

**LEGEND**  
**GEOLOGY**

**Skukum Group**

- Alunite-pyrophyllite clay altered zone
- Rhyolite breccia, dykes and stocks
- Monolithic andesite breccia
- Densely welded felsic tuff
- Felsic megabreccia
- Flowbanded rhyolite
- Interbedded andesite pyroclastic and porphyritic andesite flow rocks
- Interbedded andesite epiclastic and porphyritic andesite flow rocks
- Interbedded andesite flows, epiclastic rocks and basal conglomerate

**SYMBOLS**

- Contact
- Fault
- Quartz-carbonate vein and stockwork
- Vein orientation, strike and dip
- Bedding, strike and dip
- Portal
- Contours (10 m interval)

**NEW PACIFIC METALS CORP.**

**GEOLOGY PLAN MAP**  
**Mt. Skukum Area**

Skukum Project  
Whitehorse M.D., Yukon Territory, Canada

Project No: P68	By: BM, CK
Scale: 1:10,000	Drawn: TV
Figure: 6	Date: July 2012



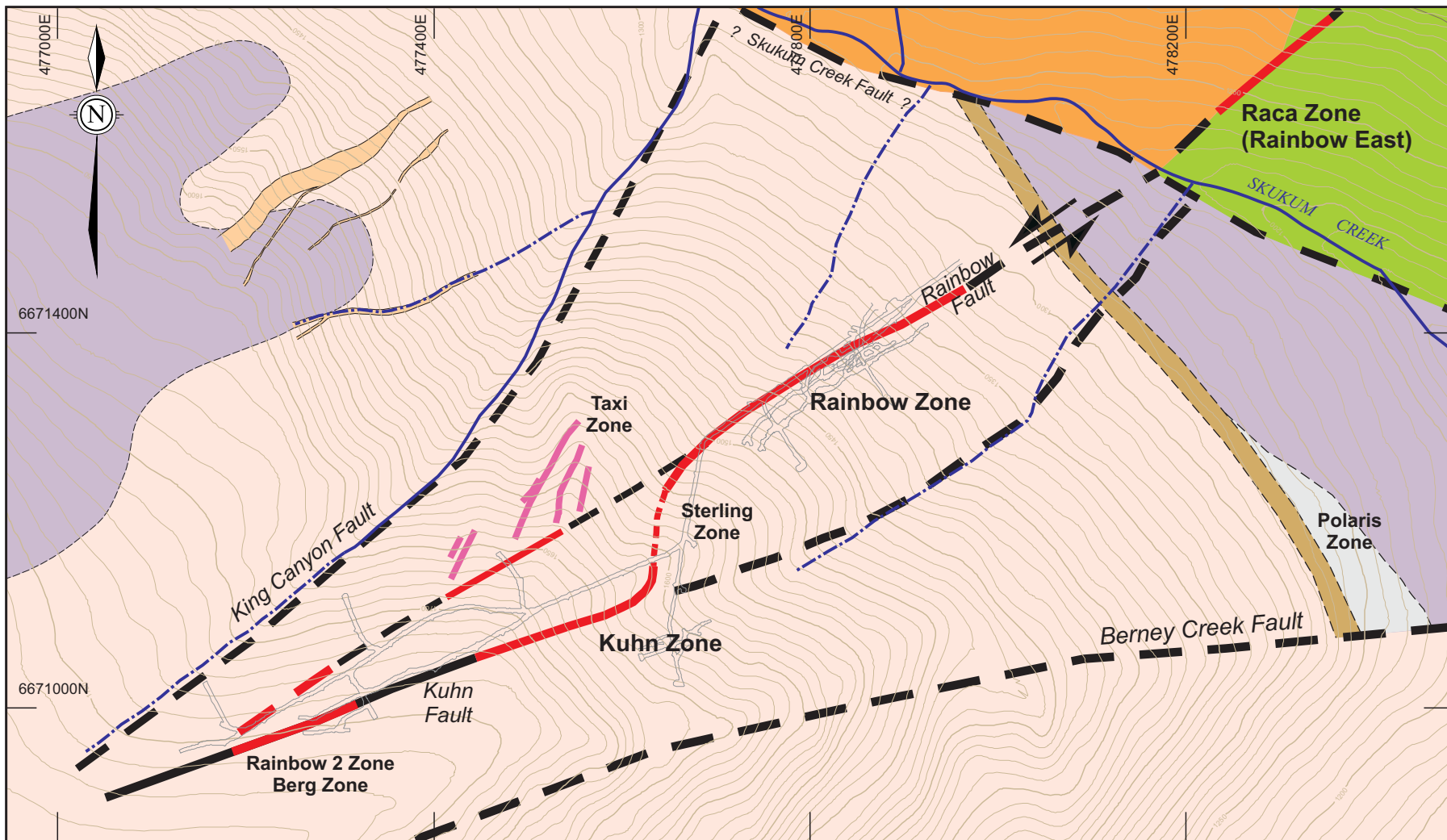
### 7.3.2 Skukum Creek

In the Skukum Creek area, zones of mineralization are hosted primarily by a series of linked, northeast-trending faults that may represent splays off the Berney Creek fault system (Figure 7). The Rainbow and Kuhn zones occur along parallel, northeast-trending faults of the same name that are defined by intermixed andesite and rhyolite dykes, monolithic and polyolithic phreatomagmatic breccias, semi-brittle shear zones and quartz-sulphide veins. These two zones are linked by the north-trending Sterling Zone, a dilational step-over that connects the eastern end of the Kuhn Zone with the western end of the Rainbow Zone (Naas, 2007).

Within the Rainbow and Kuhn Zones, mineralization occurs in quartz-sulphide veins that are intimately associated with an anastomosing network of shear zones that cross and/or are developed along dyke contacts. Multiple generations of veins are present including early veins incorporated as fragments into cataclasites and younger veins that overprint cataclastic breccias (Naas, 2007).

Mineralization in the Ridge and Ridge 2 Zones may occur at or near the junction of the Kuhn and King Canyon faults. This may be a zone of dilation and splays that links the two structures. Rainbow 2 may represent an extension of the Rainbow Zone. North-northeast trending, steeply dipping quartz-sulphide extension veins in the Taxi zone, and similar veins developed throughout the underground workings, have orientations consistent with formation during sinistral displacement along the Rainbow and Kuhn faults (Naas, 2007).

Sulphide mineralization occurs primarily as pyrite, arsenopyrite, galena, sphalerite, and chalcopyrite. There is commonly an early stage of pyrite-arsenopyrite without associated precious metals. Gold at Skukum Creek occurs mostly as electrum and minor to trace native gold and is directly related to a late stage of galena-stibnite mineralization that replaces earlier arsenopyrite-pyrite-sphalerite. Silver is hosted predominantly in freibergite, with trace to minor native silver and argentite with trace amounts occurring within galena, chalcopyrite, stibnite and sphalerite (Naas, 2005, 2007).



**LEGEND**

**GEOLOGY**

- Mt. Skukum Volcanic Complex
  - Rhyolite-rhyodacite dyke
  - Rhyolite dykes
  - Andesite, rhyolite tuffs and flows

**Upper Jurassic units**

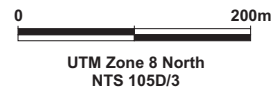
- Conglomerate
- Andesitic volcanics

**Mesozoic Intrusions**

- Mt McNeil Pluton: Granodiorite, syenite, monzonite
- Bennett Granite: K-spar megacrystic granite

**SYMBOLS**

- Quartz-sulphide vein (surface projection)
- Fault (surface projection): defined, inferred
- Mineralized shear zone (surface projection): defined, inferred
- Watercourse: permanent, intermittent
- Contours (10 m interval)



**NEW PACIFIC METALS CORP.**

**GEOLOGY PLAN MAP  
Skukum Creek Deposit**

Skukum Project  
Whitehorse Mining District, Yukon Territory, Canada

Project No:	P68	By:	DR, CN
Scale:	1:6,500	Drawn:	TV
Figure:	7	Date:	July 2012



### 7.3.3 Goddell Gully

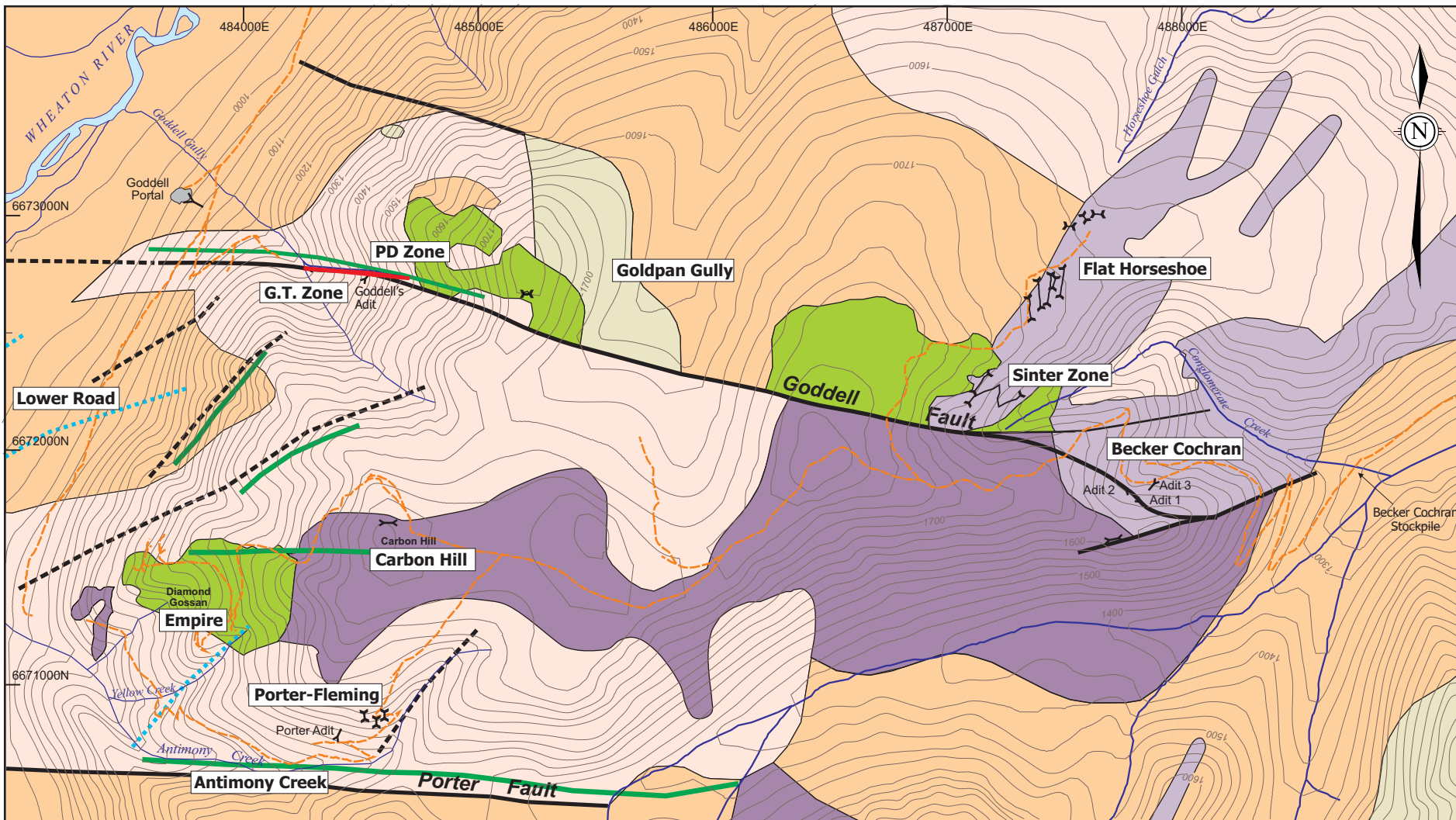
#### Golden Tusk - PD Zone

Gold mineralization in the Goddell Gully area occurs within and south of the main strands of the Goddell fault. Different parts of this area have been assigned various names; exposures of mineralization at surface south of the main fault have been termed the GT (Golden Tusk) Zone, whereas deeper, higher grade intersections at depths of 300 to 700 metres below surface and drilled from the underground workings have been called the PD Zone (Figure 8). The two areas are separated by a gap in drilling and may be continuous. Both are of similar style. Mineralization is open in the PD Zone on several sections, and potential exists for the identification of further mineralization of similar style (Naas, 2004).

Gold mineralization in the PD Zone that has been intersected from underground drilling occurs principally to the south of the rhyolite dykes and main cataclastic strands of the Goddell fault system, along the southern margin of the fault. Gold mineralization in this area is associated with:

- a) disseminated, fine-grained acicular arsenopyrite-arsenian pyrite that are pervasively disseminated, primarily in andesite dykes and locally in cataclastic shear zones; and,
- b) quartz-sphalerite-stibnite extension and shear veins, which commonly have a spatial relationship to the disseminated mineralization (Naas, 2004).

Mineralization is principally associated with the disseminated arsenopyrite style which occurs as pervasive disseminations that are often localized in dykes adjacent to shear zones, or are spatially associated with widely spaced quartz-sphalerite-stibnite extension veins of the second mineralization style. Where the extension veins are developed, envelopes of abundant dark grey disseminated arsenopyrite commonly surround them and extend from 0.5 to 4 centimetres outward from the veins, indicating a genetic link and contemporaneity between the two mineralization styles. Mineralization in cataclastic breccias also locally occurs where andesite fragments contain disseminated acicular arsenopyrite (Naas, 2004).



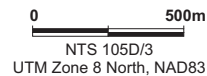
**LEGEND**

**GEOLOGY**

- Tertiary**
- Skukum Group volcanics
- Cretaceous**
- Mt. Nansen Group volcanics
- Coast Plutonic Complex intrusives
- Jurassic**
- Sediments
- Coast Plutonic Complex intrusives
- Proterozoic-Paleozoic(?)**
- Nisling Assemblage metamorphics: (mica schist, marble)

**SYMBOLS**

- Geologic contact
- Fault: defined; inferred
- Potential for mineralized structures
- Vein
- Andesite dyke
- Trench
- Adit
- Access road
- Contours (10 m interval)



**NEW PACIFIC METALS CORP.**

**GEOLOGY PLAN MAP  
Goddell Gully-Becker Cochran**

Skukum Project  
Whitehorse Mining District, Yukon Territory, Canada

Project No:	P68	By:	LM, TV
Scale:	1:20,000	Drawn:	TV
Figure:	8	Date:	July 2012



### 7.3.4 Other Areas

#### **Charleston**

The Charleston Vein is hosted by Cretaceous granodiorite cut by Tertiary rhyolite and andesite dykes. The vein is from 0.15 to 2 metres thick, strikes 135° to 160°, dips 30° to 45° NE and has been traced for 900 metres (Minfile 105D-020). The vein is vuggy with thick chlorite seams and up to 5% galena, pyrite and minor sphalerite and chalcopyrite. The host rock is sericitized for up to 1.5 metres from the vein boundary and chlorite alteration occurs up to 25 metres from the vein. The vein has been traced north to the Twist Zone, where it is hosted in a graphitic shear, and along strike to the south for a total strike length of 1.7 kilometres (Naas, 2001).

#### **Chieftain Hill**

The Better B. Vein, Evening Vein, Johnny B. Vein and Ocean Vein are situated in Cretaceous quartz monzonite to granodiorite intrusives (Figure 5). All trend approximately east-west and have a near vertical dip. These veins lie topographically below, and to the southeast of a large fault (approximately 60° trend). Across the fault and to the northwest lies the Morning Vein, which trends 90° and dips steeply to the north. This vein is topographically higher than the previously mentioned veins and emplaced for the most part in porphyritic andesite of the Eocene Mt. Skukum Volcanic Complex (Naas, 2001).

The Ocean Vein is a quartz-sulphide vein within a sheared envelope of intensely altered granodiorite intruded by several andesite and rhyolite dykes and cross cut by faulted zones. Intersections are characterized by a hanging wall fault gouge or breccia and some intersections have a rhyolite dyke along the footwall contact. The vein has an intense silicic, argillic and phyllically altered envelope of granodiorite. The vein is typically comprised of 60 to 80% quartz or brecciated quartz fragments with sulphide filling fractures or forming a sulphide and chlorite-rich matrix. Sulphide minerals include pyrite, galena, sphalerite, arsenopyrite and chalcopyrite (Reddy and McDonald, 1989).

#### **Porter-Fleming**

Mineralization at the Porter showing is found in many veins. The veins are hosted in faults and tensional openings that locally parallel fine-grained dykes including rhyolite dykes (Figure 5). The largest surface vein is traced for 40 metres before disappearing under the talus cover. Vein widths varies from 0.05 to 0.9 metres and have principal orientations of 100° and 130° with dips of 10° to 60° to the north. Mineralogy of the vein consists of quartz-stibnite-sphalerite and malachite-staining, probably due to the presence of tetrahedrite. Barite occurs in some veinlets. A small surface vein is found 30 metres uphill from the adit portal and exposed over 7 metres, of which 3 metres are mineralized with quartz-barite(?) -hematite-stibnite-sphalerite-galena-tetrahedrite. Vein attitude is 105°/90°; width is 10 to 20 centimetres. A vein is found in the underground drift, consisting of two 3 metre segments. One segment parallels the tunnel and is 7-10 centimetres thick. The second vein strikes at a high angle to the tunnel and is 10 to 15 centimetres thick, comprised of mainly quartz-stibnite-sphalerite and minor tetrahedrite (malachite-stained). Other minerals reported from here include galena, zinkerite, chalcostilbite, plagionite, and covellite (Minfile 105D026). Outcrop is sparse and additional veins are probably present. The 100° orientation mentioned

above parallels the Porter Shear lying 200 metres to the south. A similar shearing direction was mapped as three separate shears 26 metres apart in the underground cross-cut (Naas, 2004).

### **Becker-Cochran**

Mineralization occurs in lenses of quartz and barite within a broad shear zone cutting a rhyolite plug, argillite, conglomerate and quartz monzonite (Figure 5). The shear zone trends  $120^\circ$  and is characterized by black, fine-grained pyrite, massive stibnite, along with sphalerite and traces of realgar, orpiment, galena and tetrahedrite in a quartz-barite gangue. On surface the zone has been traced for 30 metres with an attitude of  $120^\circ/75^\circ\text{SW}$ , and is identified by a weathered grey gangue with red and yellow streaks and massive sulphide boulders. The shear zone is described as 70% clay-like gouge and 30% hard, siliceous, antimony-bearing rocks (CME, 2000). Trenching to the northwest has identified stibnite in primarily quartz type veins. Drifting underground traverses this same area (Naas, 2004).

### **Carbon Hill**

This showing is reported to lie approximately 1 kilometre north-northeast of the Porter-Fleming showing on the crest of Carbon Hill (Figure 5). The vein is described as being 0.61 metres in width in a small open cut. The texture is described as banded with barite, some quartz, blades and masses of stibnite, minor sphalerite and jamesonite. Host rocks are andesite and rhyolite. The vein material was traced southeast with float for about 150 metres indicating a strike direction of  $115^\circ$ . Fawley (1964) sampled the exposure with the following result: Sb 8.1%, Ag 0.5 oz/T, trace Pb, Zn 0.7%, and trace Au (Naas, 2004).

### **Empire Showing**

Several veins of up to 0.75 metres thickness are reported to occur. No structural data or historical assays are available (Naas, 2004).

The showing occurs in granitic rocks intruded frequently by intermediate dykes. Fault structures are also common (Con-Am, 1977). The showing lies adjacent the area known as the Diamond Gossan and above Antimony Creek (Figure 5). A prospector, K. Lumsden, communicated in 1964 (Fawley, 1964) that old cuts are sloughed but that blocks of almost massive stibnite up to 40 pounds in weight were beside some of the pits and that there were many small dumps of stibnite. The area was diamond drilled during 1977 with one intercept returning 8.23% Sb and 1.96% Zn across 0.46 metres (Naas, 2004).

A block resembling the above description was found during 2003 on the road paralleling Antimony Creek where it meets Yellow Creek. This material, 0.3 metres thick and measuring about 0.4 metres by 0.4 metres, returned 0.95 g/t Au, 620 g/t Ag 1.47% Pb, 2.06% Zn and 3.02% Sb (Naas, 2004).

## 8.0 DEPOSIT TYPES

Deposit types on the Skukum Property are typically structurally controlled (fault/shear/joint) gold  $\pm$  silver  $\pm$  base metal ( $\pm$  lead  $\pm$  zinc  $\pm$  copper  $\pm$  antimony) bearing veins, vein breccias or mylonites.

Exploration to date has outlined three principle precious metal deposits:

- a) Mt. Skukum: gold  $\pm$  silver deposit (includes the past producing Main Cirque vein as well as the Lake and Brandy zones);
- b) Skukum Creek: gold-silver deposit; and,
- c) Goddell Gully: gold deposit.

This mineralization includes:

- a) epithermal vein systems at the Mt. Skukum mine; and,
- b) probable intrusion-related, Au-Ag-Sb-As mineralization that formed principally within pre-Tertiary igneous rocks to the southeast of the volcanic complex and which include the Skukum Creek, Chieftain Hill and Goddell areas.

The Charleston Vein is of the same classification, though at present no resource potential has been developed on it.

The Becker-Cochran antimony deposit is also a structurally controlled shear/vein deposit, but does not contain appreciable gold or silver grades (Naas, 2004).

## 8.1 MT. SKUKUM

The Mt. Skukum deposit is located 2.5 kilometres north-northwest of Mt. Skukum within the Mt. Skukum Volcanic Complex. The deposit is a structurally controlled epithermal gold deposit hosted in Eocene volcanics. Low temperature auriferous quartz-calcite-adularia veins occur along brittle fractures and faults with little shearing, and appear to be formed at shallow levels. Both gold grade and zone thickness change dramatically along strike and down-dip with frequent swelling and pinch-out. The deposit currently consists of the Lake Zone and Brandy Zone. The Main Cirque Vein was mined out in 1988 (Naas, 2004 and Zhang, 2012).

## 8.2 SKUKUM CREEK

The Skukum Creek deposit is located outside the Mt. Skukum Volcanic Complex, 5.25 kilometres southeast of the Lake Zone, on the south side of Skukum Creek. It is a structurally controlled, polymetallic gold-silver, deep epithermal vein deposit hosted in Mid-Cretaceous Mt. McNeil granodiorite. In the Skukum Creek area, zones of mineralization are hosted primarily by a series of linked, northeast-trending faults that may represent splays off the Berney Creek fault system. The Rainbow and Kuhn zones occur along parallel, northeast-trending faults of the same name that are defined by intermixed andesite and rhyolite dykes,

monolithic and polyolithic phreatomagmatic breccias, semi-brittle shear zones and quartz-sulphide veins. These two zones are linked by the north-trending Sterling zone, a dilational step-over that connects the eastern end of the Kuhn zone with the western end of the Rainbow zone (Naas, 2007).

Within the Rainbow and Kuhn zones, mineralization occurs in quartz-sulphide veins that are intimately associated with an anastomosing network of shear zones that cross and/or are developed along dyke contacts. Multiple generations of veins are present including early veins incorporated as fragments into cataclasites and younger veins that overprint cataclastic breccias (Naas, 2007).

Mineralization in the Ridge and Ridge 2 zones may occur at or near the junction of the Kuhn and King Canyon faults. This may be a zone of dilation and splays that links the two structures. Rainbow 2 may represent an extension of the Rainbow zone. North-northeast trending, steeply dipping quartz-sulphide extension veins in the Taxi zone, and similar veins developed throughout the underground workings, have orientations consistent with formation during sinistral displacement along the Rainbow and Kuhn faults (Naas, 2007).

Sulphide mineralization occurs primarily as pyrite, arsenopyrite, galena, sphalerite, and chalcopyrite. There is commonly an early stage of pyrite-arsenopyrite without associated precious metals. Gold at Skukum Creek occurs mostly as electrum and minor to trace native gold and is directly related to a late stage of galena-stibnite mineralization that replaces earlier arsenopyrite-pyrite-sphalerite. Silver is hosted predominantly in freibergite, with trace to minor native silver and argentite with trace amounts occurring within galena, chalcopyrite, stibnite and sphalerite (Naas, 2005).

### **8.3 GODDELL GULLY**

The Goddell deposit is located outside the Mt. Skukum Volcanic Complex, 10.5 kilometres to the east of Mt. Skukum and 7 kilometres east-northeast of the Skukum Creek deposit. It is a structurally controlled shear-hosted gold deposit. Mineralization is associated with altered andesite dykes within the shear zone. The shear zone is located within Mid-Cretaceous Carbon Hill granodiorites. The main gold bearing zone, which does not outcrop at surface, is referred to as the PD Zone (Naas, 2004).

The mineralization is more strictly associated with structural controls as the gold mineralization is found to occur in a variety of lithologies. Sulphides associated with the deposit include pyrite, stibnite, sphalerite, arsenopyrite and jamesonite. Mineralization is principally located within fine acicular arsenopyrite-pyrite-lithic-quartz-sericite-carbonate breccias and stockwork veinlets. The presence of acicular arsenopyrite crystals within sulphide breccias is an indication of gold mineralization.

The main deposit is located quite deep and appears to thicken with depth as compared to the sulphide breccia intersections found closer to surface. Also, gold grades tend to increase at

depth whereas the mineralization nearer surface is found more as stibnite-rich pods within the fault zone (Rodger, 1996).

## **9.0 EXPLORATION**

### **9.1 DATA VERIFICATION PROGRAM**

As part of the sample verification for resource modeling and estimation, Christopher Naas, *P.Geo.* of CME visited the Property from February 14-16, 2012, and selected drill core samples from the historical Lake Zone drilling and requested pulps and rejects for core from New Pacific's 2011 drilling at Goddell Gully, Skukum Creek and Lake Zone.

Samples were brought to CME's office in Richmond, BC prior to submission to the analytical laboratory. All sampled were submitted to Acme Analytical Laboratories Ltd. (Acme) for gold and silver analyses. Certificates of analysis are presented in Appendix IIIa.

#### **9.1.1 Historical Lake Zone Drill Core Confirmation Samples**

Several high-grade intervals from historical Lake Zone drilling (1980's) were located for confirmation sampling. As there was no facility to quarter the core during the visit, small sub-samples of the historical core were selected. Samples were selected to cover a variety of mineralization styles, including quartz-carbonate veins, host-rock (porphyritic andesite) and quartz-carbonate stringers and stockwork.

A direct sample to sample comparison of the historical grades is therefore not possible. However, results of the core resampling (Table 5) demonstrates that the quartz-carbonate veins do carry significant gold grades, whereas the host andesites report very low gold grades to essentially barren. This is consistent with historical reports of the Mt Skukum veins.

#### **9.1.2 New Pacific Drill Core Confirmation Samples**

Pulp and reject material of selected samples containing appreciable gold and/or silver grades reported from New Pacific's 2011 drilling were obtained and submitted for analysis.

Results are presented in Table 6. Verification samples confirm the presence of precious metals in the samples with some variation. The variation is considered acceptable for the purposes of this program.

Table 5: Verification Samples, Historical Lake Zone Drill Core

Hole	CME Sample No.	Check Interval (m)			Lithology	CME Analysis (Acme)		Original Sample No.	Original Interval (m)			Original Analysis	
		From	To	Length		Au (g/t)	Ag (g/t)		From	To	Length	Au (g/t)	Ag (g/t)
87-365	87-365-A	42.63	42.71	0.08	Porphyritic andesite	0.071	<2	7777	42.29	42.79	0.50	0.274	0.3
87-365	87-365-B	48.50	48.69	0.19	Porphyritic andesite with quartz-carbonate veins	87.600	182.0	6545	48.31	48.56	0.25	41.486	66.9
		6510	48.56					48.91	0.35	139.543	293.1		
87-365	87-365-C	49.43	49.50	0.07	Porphyritic andesite	0.165	<2	6546	48.91	49.56	0.65	6.514	12.7
87-365	87-365-D	51.10	51.16	0.06	Porphyritic andesite with quartz-carbonate veins	85.300	458.0	6513	51.00	51.16	0.16	73.714	239.3
87-277	88-277-A	91.14	91.22	0.08	Porphyritic andesite	0.248	3.0	13363	91.30	92.00	0.70	0.343	2.4
	88-277-B	91.49	91.58	0.09	Porphyritic andesite	0.101	<2						
87-277	88-277-C	92.15	92.24	0.09	Porphyritic andesite	1.035	2.0	13352	92.00	92.96	0.96	9.257	7.5
87-277	88-277-D	94.12	94.24	0.12	Quartz-carbonate vein	3.842	<2	13354	93.88	94.88	1.00	1.371	6.2
	88-277-E	94.55	94.64	0.09	Quartz-carbonate vein	0.122	<2						
87-277	88-277-F	95.27	95.34	0.07	Quartz-carbonate vein	0.042	<2	13355	94.88	95.81	0.93	0.034	1.0
87-277	88-277-G	95.91	95.97	0.06	Andesite	0.023	3.0	13356	95.81	96.01	0.20	0.034	1.4
87-277	88-277-H	97.05	97.13	0.08	Quartz-carbonate vein	0.099	<2	13358	97.01	97.71	0.70	9.257	12.0

Table 6: Verification Samples, New Pacific Drill Core

Hole	Sample No.	Interval (m)			Original Analysis	CME Analysis (ACME Labs)		Original Analysis	CME Analysis (ACME Labs)	
		From	To	Length	Au (g/t)	Au (g/t) CORE	Au (g/t) PULP	Ag (g/t)	Ag (g/t) CORE	Ag (g/t) PULP
<b>Lake Zone Drill Core</b>										
MS11-01	8R289652	41.15	42.20	1.05	41.200	42.400	45.90	96.0	96.0	104.0
MS11-01	8R289653	42.20	43.20	1.00	40.300	38.900	40.00	80.7	76.0	79.0
MS11-01	8R289654	43.20	44.20	1.00	23.500	23.200	25.00	43.3	40.0	44.0
MS11-01	8R289655	44.20	45.30	1.10	30.200	29.800	31.80	69.6	65.0	68.0
MS11-01	8R289656	45.30	46.40	1.10	6.900	7.612	8.13	19.5	17.0	20.0
MS11-01	8R289657	46.40	47.40	1.00	17.800	18.100	16.80	45.8	42.0	41.0
MS11-01	8R289658	47.40	48.40	1.00	>10.000	<b>IS</b>	25.10	64.2	59.0	57.0
MS11-01	8R289659	48.40	49.40	1.00	18.300	18.000	21.00	45.8	41.0	49.0
MS11-01	8R289660	49.40	50.60	1.20	26.500	27.000	25.40	63.1	60.0	60.0
MS11-01	8R289661	50.60	52.12	1.52	0.883	0.907	0.82	4.0	3.0	3.0
MS11-01	8R289662	52.12	53.40	1.28	13.350	14.000	13.40	40.5	39.0	39.0
MS11-01	8R289663	53.40	54.80	1.40	7.740	8.810	8.31	32.3	30.0	30.0
<b>Skukum Creek Drill Core</b>										
SC11-07-UG	8R291974	81.83	83.11	1.28	6.550	6.864	6.581	166.0	162.0	165.0
SC11-07-UG	8R291976	83.11	83.57	0.46	20.100	19.600	19.900	594.0	558.0	575.0
SC11-07-UG	8R291977	83.57	84.25	0.68	14.600	15.700	15.700	318.0	293.0	284.0
SC11-07-UG	8R291978	84.25	86.43	2.18	15.000	14.700	14.600	780.0	718.0	714.0
SC11-07-UG	8R291979	86.43	88.09	1.66	6.450	6.634	6.688	190.0	205.0	190.0
SC11-07-UG	8R291990	101.72	102.77	1.05	25.300	23.100	24.900	426.0	417.0	406.0
SC11-07-UG	8R291992	102.77	103.96	1.19	7.800	6.900	7.600	390.0	332.0	371.0
<b>Goddell Gully Drill Core</b>										
GG11-02	8R292955	525.07	525.80	0.73	90.000	66.500	73.300	4.0	8.0	5.0
GG11-02	8R292961	528.90	529.55	0.65	30.500	30.900	26.200	0.8	2.0	<2
GG11-02	8R292964	531.33	531.62	0.29	6.500	9.073	6.208	0.2	<2	<2
GG11-02	8R292965	531.62	532.33	0.71	19.900	13.000	17.300	2.6	2.0	3.0
GG11-02	8R292980	542.33	542.83	0.50	6.500	6.462	6.289	0.6	<2	<2
GG11-02	8R292984	545.04	545.49	0.45	5.600	4.943	5.213	2.4	3.0	3.0

IS: Insufficient sample to complete gravimetric assay

## 9.2 DATA PREPARATION FOR RESOURCE MODELLING AND ESTIMATION

As part of the preparation for carrying out the resource estimations of the various deposits, New Pacific supplied CME with all available digital data from their 2011 exploration program (including drill logs, quality control data, core recovery, core photos, etc.) along with hardcopy plans and cross sections, and a draft report detailing the 2011 exploration program.

Drill hole databases of the Skukum Creek, Goddell Gully and the Lake Zone (Mt. Skukum) were supplied in MS Access format. Each Access file consisted of a collar, survey, assay and geology table. Two other tables, translation and styles, were included but did not contain any exploration data.

Exploration data of the Lake Zone at Mt Skukum consisted of surface and underground diamond drilling data. The database included additional drilling data from zones other than the Lake Zone in the Mt Skukum area, including the mined-out Main Cirque Zone. Exploration data of Skukum Creek consists of surface and underground diamond drilling data and underground chip sampling data of the face and/or back of the drifts along the Rainbow and Kuhn Zones. Exploration data at Goddell consists of surface and underground diamond drilling data.

CME also requested that all original digital certificates of analysis of the New Pacific core samples be supplied from the analyzing lab so that a lab results merge could be performed as a check against the data entered by New Pacific in the Access files.

Digital data was imported into Micromine software (v.12.5) for verification and validation of the various deposit datasets prior to resource estimation.

As validation and verification work proceeded, it was noted that relevant historical exploration data had not been incorporated into the databases. These included:

- historical underground sampling at the Lake Zone; and
- 2007 underground sampling of the Rainbow 2 and Berg Zones at Skukum Creek.

New Pacific was able to supply the relevant assay plans for both these deposits. This data was subsequently captured and incorporated into their respective datasets (discussed below). No assay certificates were available to confirm the Lake Zone underground sample results. Digital certificates of analyses were available for confirmation of the Rainbow 2 and Berg Zone sample results.

Various false or mine grid orientations have been historically used to generate cross sections for the various deposits. For the purposes of the data preparation, coordinate space was limited to UTM Zone 8 North, NAD 83 datum. Data from the Lake Zone (and elsewhere in the Mt Skukum area) were originally recorded in the older NAD27 datum of the UTM projection. A simple arithmetic translation was used to convert between the NAD27 and NAD83 coordinate space. The translation amounts are (from NAD27 to NAD83): -103.450 metres in Easting and 171.279 metres in Northing.

## **9.2.1 Drill Hole Data**

### **Collar and Survey Data**

Collar data for each deposit was presented in UTM Zone 8 North coordinates (NAD83 datum). Total drill hole depth was recorded in metres. Downhole survey data consisted of starting azimuths and downhole survey readings, if any. Downhole survey methods, where employed, included acid-etch, Sperry-Sun, Icefield and Reflex digital survey tools. Much of the historical drilling (prior to TLG) has limited downhole survey information, especially with respect to azimuth deviations. This has led to difficulty in establishing confident section to section interpretations of the veins and shear structures.

During the drilling campaign at Skukum Creek in 1987 a series of 12 short ‘test holes’ (87-TH1 to 87-TH12) were completed in the Rainbow Zone. Collar coordinates are only reported for four of these drill holes (87-TH1 to 87-TH4). The remaining drill holes (87-TH5 to 87-TH12) have been excluded from the drill hole database and will remain so unless their collar coordinates can be found.

At Goddell Gully, the two drill holes completed by TLG in 2004 were neither surface surveyed nor downhole surveyed (TLG internal memo, 2004). The written descriptions of the drill hole locations were insufficient to make a reasonable estimate of the collar locations. These drill holes have therefore been excluded from the Goddell Gully drill hole database until the collars can be properly located.

### **Assay Data**

Upon review of the supplied assay tables for Skukum Creek and Goddell Gully received from New Pacific, it was noted that while the assay interval file contained an Au and Ag column, no reference to the original sample gold and/or silver analyses was retained. ICP multi-element data (where available), was only included for drilling completed by New Pacific in 2011. The historical CME assay data files for Skukum Creek and Goddell deposits, (complete up to and including the 2006 exploration program), maintained the original reporting as well as laboratory certificate references and multielement results (e.g. oz/T as common for drill results in 1980’s). Therefore, the CME databases were used as the starting point for a new drill hole assay database with all post-2006 drilling data appended to it.

For the Lake Zone, New Pacific drill hole sample numbers and intervals were verified against the supplied drill logs. Upon verification, these intervals were appended to the assay file. Original ASCII format certificates of analysis were used to merge into the assay database to eliminate transcription errors.

For Skukum Creek and Goddell Gully, the same method was applied for the New Pacific drilling results. Additionally, sample numbers and intervals from the TLG drilling in 2007 and 2008 (Skukum Creek) were incorporated after verification against the original drill logs. Original ASCII format certificates of analysis were also obtained from the analytical laboratory for these samples and merged into the assay file. Drill hole results from the two surface drill holes completed at Goddell Gully in 2004 have not been included in the database. As previously mentioned, collar positions for these holes are not known at this time.

In all drill hole assay files, two new assay columns were created, “Au\_GPT\_Clean” and “Ag\_GPT\_Clean”, which would hold the final Au and Ag results used for the resource estimation. The columns were populated based on the highest confidence analysis (i.e. Fire Assay Au > Geochem/ICP Au). Sample analyses originally reported in ounces per ton were converted into grams per tonne. Samples reporting as below detection limit for gold and/or silver, were assigned 0.001 g/t Au and 0.0 g/t Ag, respectively. Unsampled intervals were incorporated into the assay database with a sample number noted as “NS” and values of “-1” entered into the respective Au and Ag columns.

Sample intervals were then validated to check for discrepancies or overlapping intervals with corrections made as required. Several infill core samples collected from Goddell Gully core by New Pacific reported intervals that did not exactly adjoin historical samples, leaving small (30 cm or less) gaps of unsampled material (e.g. drill hole 97-40, 232.50 to 232.54 metres). This issue was noted after the Property visit and so could not be verified in the field. Therefore, these sample intervals have been reported as-is.

## **Geology Data**

Geology interval data supplied by New Pacific used the historical CME drill hole geology database as its starting point with additions made for any drilling post-2006. New Pacific geological coding included a mixture of earlier lithology codes as well as some newer codes. For each deposit, these codes were checked against the original New Pacific logs to ascertain their definition and a consistent numeric coding was generated for all drilling to date.

### **9.2.2 Underground Sampling Data**

#### **Lake Zone**

Extensive underground sampling of the Lake Zone drifts was carried out by MSGM during the development of the various levels and sub-levels. This data has never been included into any digital exploration database.

Assay plans of the underground sampling of the Lake Zone drifts supplied by New Pacific were scanned and vectorized to incorporate these results into a new underground sampling database. A series of 17 assay plans at a scale of 1:200 by MSGM showed the drift and other underground working outlines with rock chip/channel lines marked and labeled with gold grade in ounces per ton and sample length in metres. Sampling methodology is unknown. Also, percussion/blast holes drilled from the drift walls are shown and these have been included as well. These holes are labeled with the gold grade in ounces per ton and sample lengths in feet (five feet is the typical length). It is not known exactly what the sample medium consisted of, but probably represents sludge samples (*pers comm*, R Simpson). MSGM assay plans were originally drafted in NAD27 datum, UTM coordinate space. Coordinates were transformed to NAD83 datum as discussed previously.

Chip/channel samples and percussion/blast holes and samples were all treated as short drill holes. Collar points were digitized along with the string demarcating the channel, with nodes marked at changes in sampling direction (if any). Gold grades and sample widths were manually entered into MS Excel. Sample lengths were used to determine the sample interval start and ends depths. Sample azimuths were calculated from the digitized strings. Channel elevation was assumed as the

drift elevation. The assay file was then populated by merging the gold grades to the appropriate channel name. Sample data was then verified against the original assay plans.

A very simple trace of the vein or vein structure was plotted on the several assay plan maps. This was captured as simple string feature to assist with interpretation.

### **Skukum Creek**

Underground sampling data supplied by New Pacific consisted of the historical underground chip/channel sampling data from the Rainbow 1300 and 1350 metre Levels and the Kuhn 1300 metre Level. This sample data was handled by treating each chip/channel line as a short horizontal drill hole. Collar, survey and assay data for this data were included in the supplied drill hole database. Gold and silver values are the only reported values for these samples.

As part of the data validation, the New Pacific data was plotted in Micromine and compared against the digitized data captured from historical assay plans. Comparison of the data showed that the collar and survey data did not generate a trace that accurately represented the historical assay plan maps. Discrepancies were found in both the given collar coordinates and the azimuths. It is unclear why these discrepancies occurred as New Pacific's data capture methodology was not documented.

Therefore this data was reacquired by redigitizing the sample line "collar" as a starting point and the sample line trace as a string, with nodes placed at sample interval boundaries. Collars were assigned an alpha-numeric name based on the drift level and sample line position, increasing from west to east. Channel azimuth and interval length were calculated from the digitized strings. The assay data (gold and silver only) were merged to the sample number and corresponding interval. Sampling was assumed to be horizontal across the face (dip = 0°) and the elevation was assumed the same as the drift level (i.e. 1300 metres or 1350 metres). Regeneration of this data in Micromine resulted in a much more accurate representation of the original assay plans. Sampling of the raises in the Rainbow and Kuhn zones is known, but this data was not available and has not been included into the database.

The underground data was also split out from the drill hole data files and a new set of files were created to represent only the underground sampling.

The extensive underground sampling carried out in 2007 in the Rainbow 2 and Berg Zones had not been incorporated into the New Pacific database. New Pacific supplied assay and geology plans of this work. Original certificates of analysis from Eco-Tech Laboratories Ltd. (now ALS Minerals Ltd.) of Kamloops, BC, were also made available for this work.

The assay and geology plans were scanned, imported and georeferenced in Micromine. The original assay plan included the underground survey station locations. However, upon georeferencing there appears to be an error in the plotting of certain survey station points, or else there is a warping inherent in the original source document. Several different common points were used to attempt to georeference the image against the known survey points. It was possible to georeference the map by breaking it into three smaller maps. There is still some error (< 1 metre) evident near the margins of the maps. There is also a probable issue with respect to underground survey point 07-57, which currently plots outside of the Rainbow 2 drift. It is not known whether this represents an error in the calculated survey point or an error in the drafting of the assay plan map. Other survey points do plot

very close to their reported positions which suggest a greater possibility of the position of 07-57 being incorrectly reported. Future work should reacquire this survey point and ascertain the correct location of the point and/or workings.

Digitizing this data followed the same procedure as for other zones. As there was better elevation survey control, elevations of the samples were calculated from the underground survey points. Each chip sample line was assigned a unique identifying name. Chip sample lengths were used to determine the start and end depths of the sample. Sample numbers and sample widths were manually entered from the assay plan into MS Excel. As original ASCII format certificates of analysis were available from the analyzing laboratory these were used for the source of assay data and merged to the corresponding sample number. At this time, only the gold and silver results have been incorporated into the underground assay database.

Sampling was reportedly carried out on raises initiated in the Rainbow 2 and Berg drifts but no plans or sections have been received showing the sample locations. These have not been included in the database at this time.

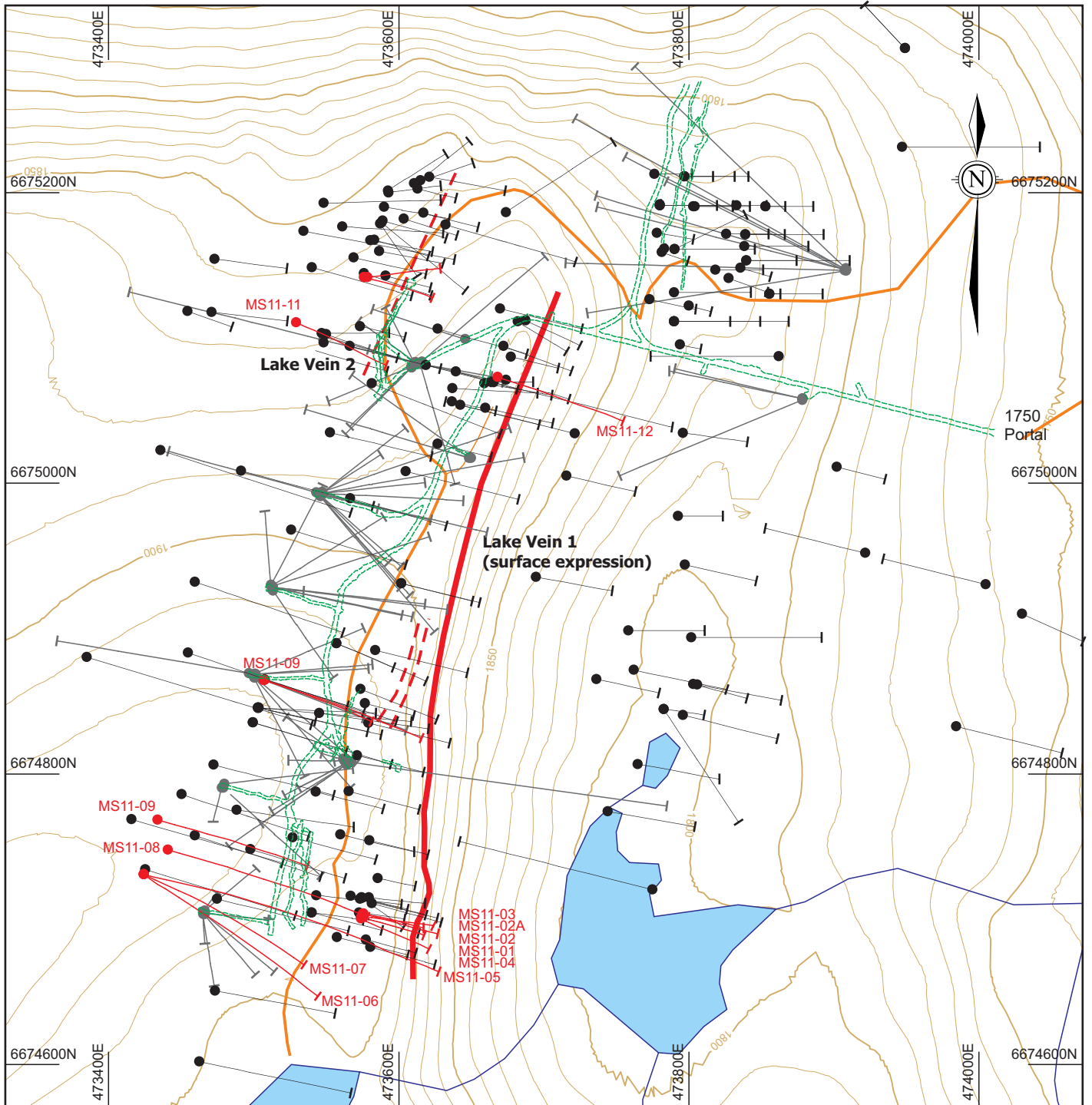
Validation of the digital data against the original assay plans revealed plotting errors on the maps (e.g. duplication of channels, wrong or missing assay values or sample numbers). These were verified and corrected as necessary. Any data that could not be confidently verified were eliminated from the database. Notes are included in the assay and collar files where changes were made or uncertainties exist.

There are several areas of underground sampling that have not been included in the current resource database. These include samples collected in the 1225 drill drift and the 1300 access drift connecting the Rainbow Zone to the Kuhn Zone (see Naas, 2003). The location of the samples and the results are not critical to the resource modeling, but should be captured for completeness of the database and to avoid duplication of work in the future.

## **10.0 DRILLING**

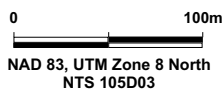
No drilling has been completed on the Property since 2011. Details and results of drilling programs undertaken by New Pacific as well as previous operators have been discussed in section 6.0 History.

Current surface and underground drilling at Mt Skukum (Lake Zone area), Skukum Creek and Goddell Gully are shown in Figures 9, 10 and 11, respectively. New Pacific drilling is highlighted on each plan map. Underground workings have also been included for reference.

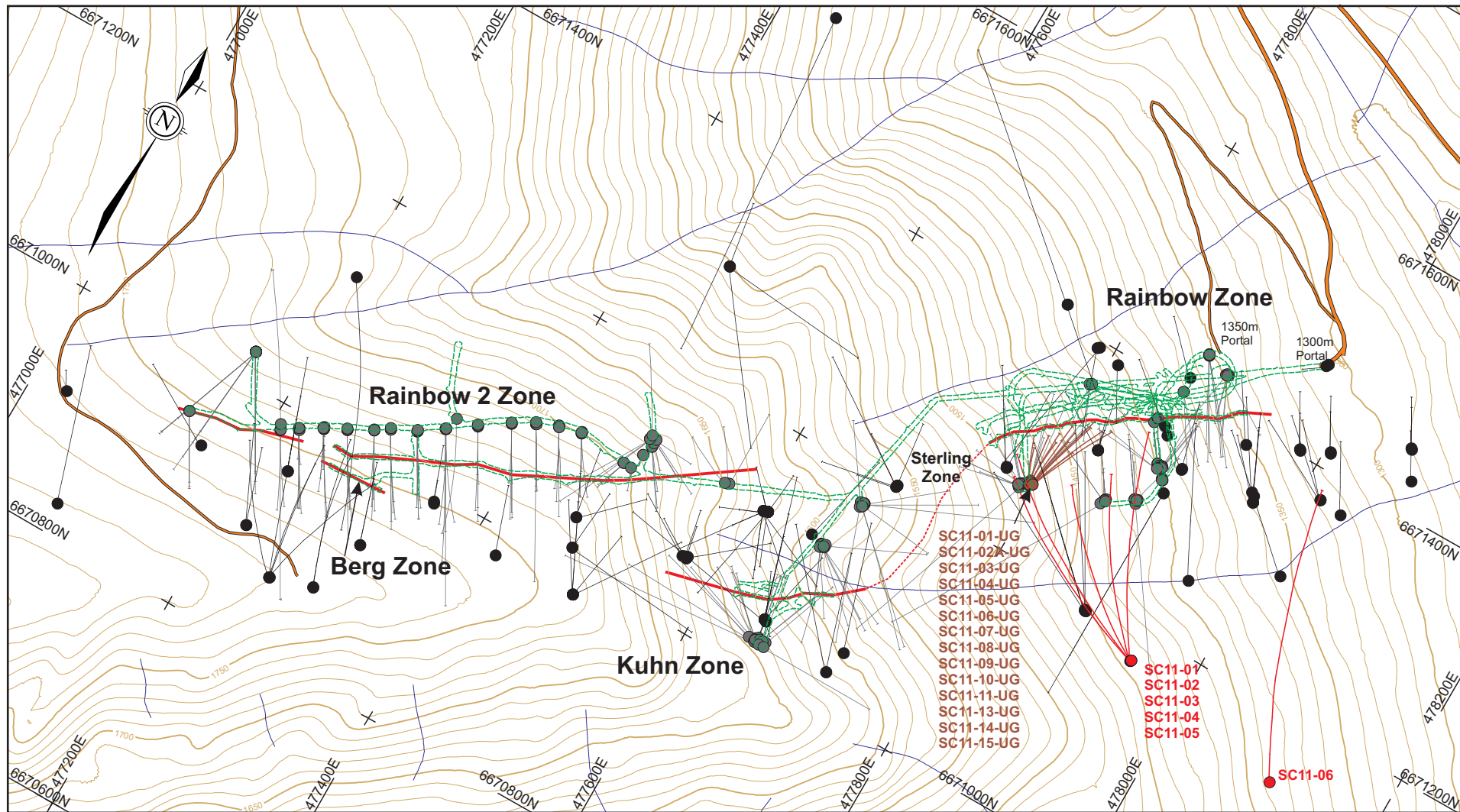


**LEGEND**

- New Pacific drilling (2011)
  - Surface drill hole
  - Underground drill hole
- Historical drill holes (1985-2008)
  - Surface drill hole
  - Underground drill hole
- Mineralization (at surface)
- - - Underground workings
- Road
- Contour (10 metre interval)
- Watercourse
- Waterbody

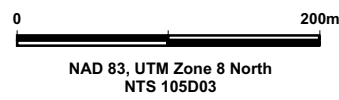


<b>NEW PACIFIC METALS CORP.</b>	
<b>DRILL HOLE PLAN MAP LAKE ZONE</b>	
<b>Mt. Skukum Deposit</b>	
Skukum Project Whitehorse M.D., Yukon Territory, Canada	
Project No: P68	By: AZ
Scale: 1:4,000	Drawn: TV
Figure: 9	Date: July 2012



**LEGEND**

- New Pacific drilling (2011)
  - Surface drill hole
  - Underground drill hole
- Historical drill holes (1985-2008)
  - Surface drill hole
  - Underground drill hole
- Mineralization (at 1300 metre elevation)
- Underground workings
- Road
- Contour (10 metre interval)
- Watercourse
- Waterbody

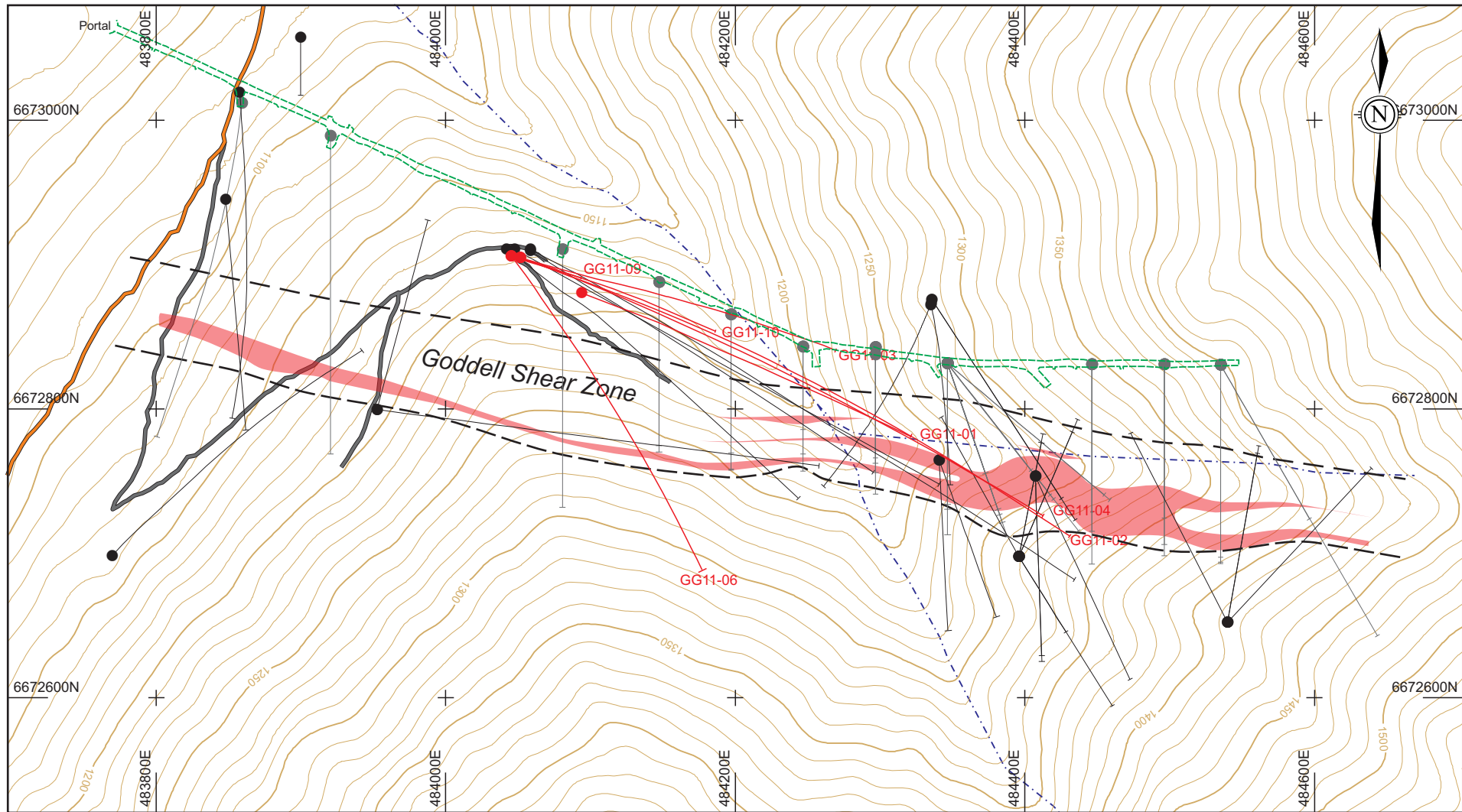


**NEW PACIFIC METALS CORP.**

**DRILL HOLE PLAN MAP**  
**Skukum Creek Deposit**

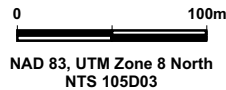
Skukum Project  
Whitehorse Mining District, Yukon Territory, Canada

Project No: P68	By: CN, TV
Scale: 1:5,000	Drawn: TV
Figure: 10	Date: July 2012



**LEGEND**

- New Pacific drilling (2011)
  - Surface drill hole
  - Underground drill hole
- Historical drill holes (1985-2008)
  - Surface drill hole
  - Underground drill hole
- Underground workings
- Road
- Contour (10 metre interval)
- Watercourse
- Waterbody
- Mineralized zones (at 800 metre elevation)
- - - Shear zone boundary



<b>NEW PACIFIC METALS CORP.</b>	
<b>DRILL HOLE PLAN MAP</b>	
<b>Goddell Gully Deposit</b>	
Skukum Project Whitehorse Mining District, Yukon Territory, Canada	
Project No: P68	By: CN, TV
Scale: 1:4,000	Drawn: TV
Figure: 11	Date: July 2012
<b>CME</b>	

## **11.0 SAMPLING METHODS AND APPROACH**

Discussion of the sampling method and approach in this section is limited only to drill core and underground chip or channel sampling that have a direct bearing upon the resource estimates.

### **11.1 SAMPLE COLLECTION**

#### **11.1.1 Drill Core Samples**

##### **Prior to 2001**

Sampling of the core for the most part, was limited to the mineralized fault zone intersections and the immediate hanging and footwall rock. Mineralized sections apart from the main structure were sampled as well. Drill core size from Mt Skukum was principally BQ (36.5mm diameter), whereas core drilled at Skukum Creek and Goddell Gully was principally NQ (47.6mm diameter), although some HQ (63.5mm diameter) core was drilled as well. Core sample size was typically 1 to 1.5 metre in core length, though narrower samples were taken where the geology dictated or features such as veins could be sampled separately. Core was split using a core splitter although selected sections of core were cut by a saw.

Mt Skukum core is stored at the current camp and mill site. All salvageable drill core originally stored at the old Omni camp site at Skukum Creek (from Skukum Creek and Goddell Gully) have been transported to, and are currently stored at, this site as well.

##### **CME (2001-2006)**

At the end of each shift, the drill contractor transported the core back to the CME core logging facility. CME personnel then took custody of the core. At this facility doors were locked in the absence of CME personnel. At the processing facility, all core was washed, aligned and photographed. Core logging included recovery percentages, a magnetometer log, rock quality designation, and a geological description. The CME geologist marked sample locations concurrent with descriptions so that core could later be sawn.

Drill core size was mainly NQ or NQ2 (50.5 mm diameter) along with some HQ. Sampling of core for the most part was done by halving the core with a 10 inch diamond saw across mineralized and altered lithology. During 2001 some core was split using a manual splitter. One half of the core was placed into a sample bag for submission to the analytical laboratory and the other half returned to the core box in an orderly fashion. Visually the zones sampled were in high contrast to country rock and establishing zones of interest was accomplished without difficulty. Nevertheless safety margins were established by sampling well into the hanging- and footwalls. The sample intervals vary to accommodate changes in lithology, structure, alteration and mineralization.

Core sample bags were tied or heat-sealed and placed into rice sacks or secured 28 litre pails for transport. CME personnel transported the sacks or pails to the courier company in Whitehorse for direct delivery to the analytical laboratory.

All diamond drill core is currently stored on site at the Skukum camp.

### **TLG (2007-2008)**

No detailed information is available about the procedures during this work program. It is believed to have followed similar procedures and protocols to those used by CME in previous years. Core size is reportedly NQ. Diamond drill core is currently stored on site at the Skukum camp.

### **New Pacific (2011)**

Drill core was delivered to the camp geology building by the drilling contractors each day. Geology staff cleaned and re-aligned the cores prior to core logging. Core size was NQ except for a small amount of HQ at the start of the deeper drill holes. Core recovery and rock quality designation (RQD) were measured before geological logging. After logging, geologists marked sample intervals in the mineralized zones. Sample length ranged from one to two metres but was sensitive to changes in rock type, structure, alteration and mineralization. One to two additional samples were marked in the immediate hanging and footwall to cover all potential mineralized zones. Photos of both dry and wet core were taken after logging and sample marking.

All core samples were sawn into two equal halves, one half for submission for assay and the other for storage at the on-site core yard. Samples for analysis were bagged in pre-numbered plastic bags with one pre-numbered tag in the bag. Standard reference material and blank samples were inserted into the normal sample sequence at frequency of one standard and one blank every thirty routine samples. The sample bags were then sealed securely with staples and delivered to the sample preparation lab of Eco-Tech (Stewart Group) in Whitehorse by New Pacific personnel. Each sample delivery batch normally contained approximately one hundred samples. Due to the acquisition of Stewart Group by ALS Group in July 2011, latter sample batches were delivered to the preparation lab of ALS Minerals in Whitehorse.

### **Current (2012)**

Sample selection methodology is described in Section 9.1.

#### **11.1.2 Underground Sampling**

##### **Prior to 2001**

No documentation was available for the sampling methodology during this time. Examination of the sample assay databases indicates that underground chip or channel samples were generally taken across the drift face or walls with allowances made for lithological and mineralogical variations.

##### **CME (2001-2006)**

Samples were collected from a variety of underground locations. In all cases, chip samples were taken. Chip samples were intended to be representative of the interval selected. A sampling line was selected and marked. Thence, ideally, material was chipped into a bag continuously from that distance in a representative fashion and in volumetrically equal proportions along the marked length. With a light hammer and with resistant rock the practice was to wander laterally from the marked line up to a distance of 0.2 metres maintaining the need for representative and volumetric proportions. Lithological changes precipitated division of sample lengths in some areas while in others a standard length of 1.5 or 2.0 metres was used (Naas, 2003).

### **TLG (2007-2008)**

Little detailed information has been located to determine the methodology of the sampling carried out by TLG during this time. Based on available news releases during this work, it is stated that chip samples were collected across the entire face of the drift (TLG News Releases, various dates). Mr. Robert Rodger, *P.Eng.* is reported as the Qualified Person overseeing this work.

### **New Pacific (2011)**

No underground samples have been collected by New Pacific.

## **11.2 SAMPLE PREPARATION**

### **Prior to 2001**

Details of sample preparation are unknown for this period. Samples collected from Skukum Creek and Goddell were routinely submitted to third-party analytical laboratories.

### **CME (2001-2006)**

Preparation of core and underground chip samples was performed by Acme Analytical Laboratories (ACME) of Vancouver, BC or Eco-Tech Laboratories Ltd. (Eco-Tech) in Kamloops, BC.

### **TLG (2007-2008)**

Preparation of core and underground chip samples was performed by Eco-Tech.

### **New Pacific (2011)**

Preparation of core samples was performed by Eco-Tech and ALS Minerals (ALS) of North Vancouver, BC. Eco-Tech became part of the ALS Group in 2011.

Drill core and rock samples are dried and crushed such that at least 70% crushed material must pass through a -10 mesh screen. A 250 gram sub sample of the crushed sample is then pulverized so that 80% can pass through a -200 mesh screen. A barren gravel blank was prepared before each job in the sample prep to monitor for possible contamination along with the processed samples. The pulverized samples were then delivered to the analyzing laboratory, either Eco-Tech or ALS. (Zhang, 2011).

### **Current (2012)**

ACME carried out all sample preparation for the geochemical samples at their Vancouver, BC facility. Core samples were crushed through a jaw crusher and cone or roll crusher to -10 mesh. The sample was then split through a Jones riffle until a -250 gram sub sample was achieved. The sub sample was pulverized in a ring and puck pulverizer to 95% -140 mesh. The sample was then rolled to homogenize for analysis.

## **11.3 SAMPLE ANALYSES**

### **Prior to 2001**

Analysis of drill core throughout this period was mainly done through commercial laboratories except at Mt Skukum during the period around its production. An on-site analytical lab was built

and used for most core and surface sample analyses. No detailed records of the procedures employed are available. Gold and silver were routinely assayed for.

At Skukum Creek, samples were routinely assayed for gold and silver. Base metals such as copper, lead and zinc were also assayed for, but not on a consistent basis.

At Goddell Gully, samples were routinely assayed for gold and occasionally silver. Base metals were also selectively assayed for.

### **CME (2001-2006)**

Drill core samples were analyzed at various commercial labs, primarily at ACME and Eco-Tech. Other commercial labs were employed for third-party check analysis.

All core samples were analyzed for gold and multi-elements. Underground rock samples were also analyzed for gold and multi-elements (except for one batch of 33 samples which were immediately fire assayed for gold and silver, Naas (2003)). Multi-elements were determined from a 0.50 gram sample by ICP-ES (Induced Coupled Plasma-Emission Spectrometer) analysis after digestion in a hydrochloric-nitric acid solution and are reported in parts per million (ppm) or percent (%). Depending on the laboratory, gold was analyzed by ICP-MS (Mass Spectrometer) techniques from a 10 gram sample after digestion in an aqua regia solution or by Fire Assay. Results are reported in parts per billion (ppb).

Samples returning  $\geq 900$  ppb gold and/or  $\geq 100$  ppm silver were re-analyzed for gold and silver by fire assay of a 1 A.T. (assay ton) sample from the pulp. Results for both elements are reported in grams per tonne (g/t).

### **TLG (2007-2008)**

Drill core and underground chip/channel samples were analyzed at Eco-Tech.

All core samples were routinely analyzed for multi-elements by induced coupled plasma (ICP) and for gold by Fire Assay. Gold values greater than 900 ppb Au were subsequently fire assayed (TLG News Release, March 28, 2007). Any overlimit values of silver and base metals were subsequently assayed to determine their quantitative value.

### **New Pacific (2011)**

Drill core samples were analyzed at Eco-Tech and ALS.

Multi-elements were determined from a 0.50 gram sample by ICP-ES (Induced Coupled Plasma-Emission Spectrometer) analysis after digestion in a hydrochloric-nitric acid solution and are reported in parts per million (ppm) or percent (%). Gold was analyzed by ICP-MS (Mass Spectrometer) techniques from a 10 gram sample after digestion in an aqua regia solution and is reported in parts per billion (ppb).

Samples returning  $\geq 900$  ppb gold and/or  $\geq 30$  ppm silver and  $>10,000$  ppm Cu, Pb and Zn were assayed for gold by fire assay with silver and base metal assays completed by acid digestion. Results

for Au and Ag are reported in grams per tonne (g/t) and ounces per ton (oz/T). Base metals are reported as a percentage.

### **Current (2012)**

ACME Labs performed all samples analyses. Certificates of analysis are presented in Appendix IIIa. Analyses undertaken are described below.

#### ***Gold Analyses***

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other fire-assay flux reagents and a silver inquart, and heated to 1000° C for one hour to liberate Au and other precious metals. After cooling, lead buttons are recovered and cupelled to yield a precious metal bead. The bead is weighed, then digested in 1.0 millilitres concentrated nitric acid in the microwave oven at >95°C to dissolve the silver, leaving a gold  $\pm$  precious metals, sponge. The sponge is dissolved by adding 6 millilitres of 50% concentrated hydrochloric acid and is further digested in the microwave oven at a low power setting. The digested solution is cooled, diluted to a total volume of 4 millilitres with de-mineralized water and analyzed by atomic absorption spectroscopy against matrix matched standards. For gold, the minimum detection limit is 0.005 g/t with an upper limit of 10 g/t. Any overlimit samples are determined by gravimetric finish. Results are reported in grams per tonne (g/t).

#### ***Silver Analyses***

A prepared sample is digested with a modified Aqua Regia solution of equal parts concentrated hydrochloric acid, nitric acid and de-ionized water for one hour in a hot water bath. Sample is made up to volume with a dilute hydrochloric acid in class A volumetric flasks. Sample splits of 1g, 0.4 g or 0.1g can be analyzed. Very high-grade samples are reweighed at lower weight to accommodate analysis up to 100% upper limit. Minimum detection limit for silver using this method is 2 g/t with an upper limit of 300 g/t. Any overlimit samples are determined using a gravimetric finish. Results are reported in grams per tonne (g/t).

## **11.4 SECURITY**

### **Prior to 2001**

It is not known what security measures, if any, were maintained by the various operators during this period.

### **CME (2001-2006)**

CME geologists collected or supervised acquisition of all underground rock samples. Samples were placed into individual bags and tagged with a sample number, rolled and placed into pack sacks for

transport. At the core processing facility each bag was heat sealed and placed into 28 litre secured pails for transport.

During drill programs managed by CME, at the end of the drill shift, the drill contractor transported the drill core to the core handling facilities at the camp (or to the Bostock Core Library in Whitehorse in 2005). Boxes were transported with lids securely nailed down to prevent potential core loss. Additionally, during the 2002 drilling program at Skukum Creek, a CME geologist was present at the drill during the coring of the mineralized zone. Core from the mineralized zone was also transported to the core processing facility by the CME geologist.

Entrance to the camp and core processing facility was restricted to CME personnel only. Visitors to the camp were under supervision of senior CME personnel. During the cutting and logging process the core was at all times within eyesight of CME personnel or was locked in the secure core library building. When no CME personnel were present at the core processing facility samples were stored in a locked shed.

During the sampling process half the core was placed into a plastic bag, with the remaining half returned to the core box for storage. Each bagged sample was labeled and tagged with a corresponding bar code and passed through a heat sealer to secure the contents. When the heat sealer was not available, the bags were closed using wire ties (zap-straps). Samples were ordered and counted and listed into the computer prior to placing them into 28 litre secure pails or a secured rice sack for transport by CME personnel to the Whitehorse Greyhound Courier depot for direct delivery to analyzing laboratory.

#### **TLG (2007-2008)**

It is not known what security measures, if any, were maintained during this period.

#### **New Pacific (2011)**

For security, the geology building and core processing area were restricted to New Pacific geology personnel only. At the core cutting facility the samples were sealed by triple folding the top of plastic sample bag and then closed with staples. When no authorized personnel were present, samples were stored in the locked geology building. Bagged samples were placed in rice bags and transported by staff to the preparation lab in Whitehorse, who then took sample custody.

#### **Current (2012)**

Core samples were taken by Christopher Naas, *P.Geo.* and personally transported from the Property to CME's office in Richmond, BC, where they were described and recorded. Once this was accomplished, the samples were delivered to ACME labs by CME personnel where custody of the samples was transferred from CME to ACME.

Pulps and rejects were retrieved by New Pacific personnel and transported to CME's Richmond, BC office. From there, the samples were delivered to ACME's facility where custody of the samples was transferred from CME to ACME.

## **12.0 DATA VERIFICATION**

### **12.1 QUALITY CONTROL**

#### **Prior to 1999**

No information is known about quality control or data verification procedures for exploration carried out during this period of time.

#### **CME (2001-2006)**

During all field programs during this period, in order to monitor the integrity of the geochemical database and to provide a measure of accuracy and confidence, a quality control program was implemented by CME for drill core samples.

Although protocols varied slightly on a year by year basis, in general, the inclusion of standard reference material (SRM) and blank material was routinely incorporated into the drill core sample sequences. This consisted of two standard references (accuracy and bias) and two blanks (contamination) inserted for each 100 samples submitted to the laboratory for analysis. Discussion of the protocols can be found in the technical reports from this period (Naas, 2002, 2003, 2004, 2005, 2006, 2007).

The standard used was a custom SRM made from material collected from the Skukum Creek high-grade ore pile. CDN Resource Labs was responsible for creating and certifying the SRM. The SRM was immediately packaged into 150 gram lots. The SRM, CME-1, has a certified value of 10.10 g/t Au ( $1\sigma = 0.25$  g/t Au) and 1,421.3 g/t Ag ( $1\sigma = 31.52$  g/t Ag).

Blank material used during this period included sterilized clay (2001, 2002, 2003) and barren granodiorite (2005, 2006).

Upon receipt of results, CME standards were checked for any significant discrepancies, defined as being more than two standard deviations above or below the recommended value (Naas, 2002).

Check samples to test reproducibility of the results at a second analytical laboratory were routinely carried out for all drill programs. The amount of check samples ranged from 4% to 10% of the routine core samples from the drill programs. Samples were submitted for re-analysis of gold and/or silver, as appropriate. Results returned were acceptable.

In preparation of carrying out a resource estimate in 2003, MineTech International reviewed all technical reports provided by TLG and by CME, and examined the QA/QC program that formed the basis for the sampling system. Mr. D. Roy visited the Property in September 2002 during a diamond drilling campaign supervised by CME, collected samples and verified the presence of gold and silver mineralization through an independent assay laboratory observed the sampling system, and discussed the geological setting with the site geologists (Roy and Hannon, 2003). A total of five samples were selected. For the Skukum Creek deposit, one sample was selected from 1980's exploration, one from 1990's exploration, and one from underground chip/channel sampling. From Goddell Gully, one sample was selected from 1980's exploration and one from 1990's exploration. Four additional verification channel samples were taken near historical samples in the Rainbow Zone on the 1,350, 1,300, and 1,250m levels. The results confirmed the presence of gold in all

samples and silver in the Skukum Creek samples. The four core samples more accurately verified the original samples. Of those, two returned lower gold grades than the original samples, one returned a similar grade, and one returned a much higher grade. The channel samples were not taken in exactly the same locations as the original samples; however, they confirmed the presence of gold and silver in the underground workings. As such, Mr. Roy was satisfied with the data verification (O'Connor, 2011)

Similarly, in 2007 when Mr. Roy was retained by TLG to do carry out a resource update of Skukum Creek, he took several measures to verify the data. The verification measures include database checks for logical errors, checking the data file provided by TLG against the original assay certificates, taking verification samples from drill cores and checking a face sample taken from the 1,300 metre level. Roy concluded the results of verification sampling were within acceptable limits (O'Connor, 2011).

### **TLG (2007-2008)**

During exploration drifting by TLG, control samples were routinely included with sample batches of underground chip samples (TLG News Release, March 28, 2007). No documentation on the results of the control sample results for this work was available. Likewise, no documentation was available regarding the quality control procedures for the subsequent underground drilling program. However, as part of the data validation process it was determined that control samples had been included in drill core sample batches submitted to the analyzing laboratory.

### **New Pacific (2011)**

New Pacific employed a standard quality control system to monitor the integrity of the geochemical database and to provide a measure of accuracy and confidence. The system consists of standard reference materials, blanks and duplicate check samples (Zhang, 2012).

New Pacific prepared a custom standard and blank reference material that is described in Zhang (2012). Standard and blank values were:

- gold standard 1: 6.31 ppm Au ( $1\sigma = 0.57$  ppm Au);
- silver standard: 46.58 ppm Ag, ( $1\sigma = 1.33$  ppm Ag);
- blank: fresh, unmineralized granite.

Upon receipt of assay results from labs, standards were checked against expected value for any significant discrepancies (more than two standard deviations above or below the expected value). Results for standard reference material from Eco-Tech included all values within two standard deviations from the expected value with the majority within one standard deviation (Zhang, 2012). Discrepancies appear to be present in assays of standards from ALS with some results beyond two standard deviations. Results for blank reference material show no evidence of contamination during sample preparation (Zhang, 2012).

Duplicate check samples were taken as sub-samples of the pulps sent to analytical labs. Details on procedures are presented in Zhang (2012) along with assay results of standards, blanks, and duplicates. No significant discrepancies were noted during the duplicate checks (Zhang, 2012).

**Current (2012)**

Quality control protocol was implemented for geochemical samples submitted for analytical work. This consisted of one blank inserted with each batch of core samples and one standard reference material sample inserted with two of the three batches of samples submitted to the laboratory.

The standard reference and blank material (SRM) were obtained from CDN Resource Labs of Delta. The value of the SRM used is  $2.03 \pm 0.12$  g/t Au. A full data sheet of the SRM and blank are presented in Appendix IIIb.

In addition to control samples inserted by CME, the analytical laboratory routinely inserted their own control samples, which consisted of standards, blanks and sample repeats.

**13.0 MINERAL PROCESSING AND METALLURGICAL TESTING**

No mineral processing or metallurgical testing has been carried out as part of this report.

Between 1988 to 2011, various types of mineral processing and metallurgical test work have been completed on the mineralized material of the Skukum Creek gold-silver deposit. Testwork and key results are presented in Table 7.

Table 7: Summary of Mineral Processing Testwork, 1988-2011

Year	Company	Tested by	Types of Tests	Results
1988	Omni	Bacon, Donaldson and Associates under the direction of Orocon Inc. and Melis Engineering Ltd.	Grinding, cyanidation, and flotation of a bulk sulphide concentrate.	Gold recovery 90-98% Silver recovery 93-98%
1993	Wheaton	Melis Engineering	Biobleaching	gold recovery 92%, silver recovery 95%
1997	BYG	Process Research Associates Ltd.	Flotation/cyanide leaching	gold recovery 92%, silver recovery 95%
1999	CME	Laurion Consulting Inc.	Flotation, cyanidation and pressure oxidation	Flotation recovery 95% of gold and silver, total recovery after cyanidation 75% for gold and 72% for silver, increase to 92% for gold and silver by pressure oxidation increases
2006	TLG	Cantest Ltd.	Grinding and flotation, cyanidation, cleaner flotation, ore characterization	Flotation Recovery: gold 96%, silver and lead 88%, zinc 84% Grade of concentrate: 75g/t Au, 3000 g/t Ag, 7% Pb and 5% Zn. Cyanidation of concentrate: up to 90% for gold and 87% for silver from concentrate.
2007	TLG	Process Research Associates Ltd.	Flotation, cyanidation of Rainbow2 and Berg Zone material.	Flotation recovery: Rainbow2
2007	TLG	Process Research Associates Ltd.	Rock characterization study	Waste rock unlikely to be a source of detrimental environmental effects
2011	New Pacific	Hunan Nonferrous Research Institute of Metallurgy	Flotation; open circuit test	Flotation Recovery over 99% (high grade material); Open circuit test: 88.26% Au, 86.03% Ag

Table modified from O'Connor (2011) with additions from Zhang (2012).

## 14.0 MINERAL RESOURCE ESTIMATES

### 14.1 HISTORICAL

Historical resource estimates have been completed on all three deposits prior to New Pacific's involvement with the Property.

A reserve estimate at Mt. Skukum (Lake Zone) was performed in 1988 and reported as 109,200 tonnes grading 14.7 g/t Au. Although a report on the methodology and key assumptions was available it is believed that this reserve estimate would not meet the industry best practices as currently defined. Information has been provided in Section 6.1.

The most recent estimates for Skukum Creek (2003, and updated in 2007) and Goddell Gully (2003) were carried out in accordance to industry best practices and disclosed in compliance NI43-101. Details of these most recent resource estimates are presented below. These estimates were completed prior to New Pacific's involvement in the Skukum Project and are historical estimates as defined by NI43-101.

#### 14.1.1 2003 Resource Estimate: Skukum Creek and Goddell Gully

A summary of the procedure and details of the 2003 Skukum Creek and Goddell Gully prepared by Roy and Hannon (2003) of Minetech, is presented below.

For Skukum Creek, all sample data were collected as of the end of 2002, totaling 5,135 gold samples and 4,885 silver samples. For Goddell Gully, there were 3,949 core samples in total. At Skukum Creek, specific gravity was estimated using inverse distance weighting. At Goddell, an average specific gravity value of 2.7 t/m<sup>3</sup> was used as no specific gravity sampling had been carried out.

Drilling and channel samples were downhole composited or regularized over one metre intervals. Equivalent gold grades were calculated for each composited silver sample; however, gold and silver grades were calculated separately for each block. At this time, metal prices were assumed as US\$300 per troy ounce gold and \$4.50 per troy ounce silver. The equivalent grade was equal to the silver grade multiplied by the ratio \$4.50/\$300 or 0.015.

Cross sections were created to show geology and the equivalent gold grades at 25 metres apart in the Rainbow and Kuhn Zones, and 50 metres apart in the Ridge Zone. Shear zone geology and an outline of "higher grade" material (greater than 5 g/t Au equivalent) within the shear zone were created to develop the wireframe model. The high grade outline model was used to construct a block model with dimension of 2m<sup>3</sup>, sub-blocked five times across strike and twice down-dip. Concurrently, a polygonal resource estimate was carried out, consisting of calculating the average grade of all samples within each section that were within the outline. Calculating the area of each section and multiplying that by the section width and average specific gravity gave the mass of each section. Measured resources were identified as blocks that were within 15 metres from two underground channel samples, Indicated resources were identified as blocks that were within the

outline and were less than 25 metres away from at least two samples and Inferred resources were within the outline and within 40 metres of channel or core results.

At Goddell Gully, the same procedure for outlining geology was used as for outlining geology at Skukum Creek. An outline value was created using 5 g/t Au as a guide for the outline's outer limits. East-west sections were created at section spacing of 50 metres, except for a 100 metre portion over which a 25 metre spacing was used. Two zones were outlined and a specific gravity of 2.7 t/m<sup>3</sup> was used. A block model was constructed with block dimensions of 2 m<sup>3</sup>. Each block was subdivided five times across the strike dimension and twice in the vertical dimension to allow finer geological resolution. A polygonal method was used to estimate resources. Indicated resource was defined as within 15 metres of sampling and Inferred resources within 25 metres of sampling.

Results of the resource estimates for Skukum Creek and Goddell Gully at various cut-off grades are presented in Tables 8 and 9, respectively.

Table 8: 2003 Resource Estimate, Skukum Creek Deposit (*after Roy and Hannon, 2003*)

Cut-off Grade (Au Eq g/t)	Measured Resources:			Indicated Resources:			Inferred Resources		
	Tonnage (t)	Au Grade (g/t)	Ag Grade (g/t)	Tonnage (t)	Au Grade (g/t)	Ag Grade (g/t)	Tonnage (t)	Au Grade (g/t)	Ag Grade (g/t)
3	220000	5.46	226	870,000	5.73	173	150,000	5.15	169
4	190000	5.81	240	770,000	6.18	185	130,000	5.69	187
5	160000	6.52	257	640,000	6.84	203	90,000	6.53	225
6	130000	7.39	279	510,000	7.61	226	70,000	7.14	260
7	110000	8.14	296	410,000	8.33	247	60,000	7.83	289
8	92000	8.91	309	340,000	9.06	268	51,000	8.34	307
9	78000	9.68	319	280,000	9.65	287	45,000	8.76	325
10	65000	10.52	325	240,000	10.21	305	40,000	8.99	338

Table 9: 2003 Resource Estimate, Goddell Gully Deposit (*after Roy and Hannon, 2003*)

Cut-off Grade (Au g/t)	Indicated Resources:		Inferred Resources:	
	Tonnage (t)	Au Grade (g/t)	Tonnage (t)	Au Grade (g/t)
3	400,000	9.55	350,000	8.11
4	360,000	10.26	310,000	8.75
5	320,000	11.02	280,000	9.21
6	260,000	12.25	210,000	10.28
7	220,000	13.44	170,000	11.16
8	180,000	14.56	150,000	11.86
9	150,000	16.05	113,000	12.81
10	110,000	18.24	82,000	14.15

#### 14.1.2 2007 Resource Estimate: Skukum Creek

A summary of the procedure and details of the 2007 Skukum Creek resource estimate prepared by Roy and Hannon (2007) of Minetech, is presented below. The resource estimate focused on the Rainbow 2 and Berg Zones that were discovered after the 2003 resource estimate.

The resource estimate was based upon all sample data collected as of the end of 2006. At this time, gold equivalent was calculated based on metal prices of gold at US\$650 and silver at US\$13 per troy ounce to establish cut-off grade for the purpose of outlining mineralized zones and reporting resources, but block value was estimated separately for gold and silver. Top-cut values were set at 35 g/t for gold and 350 g/t for silver. An average specific gravity of 2.83 was used. Mineralized zones were interpreted on paper and then digitized in computer. A cut-off grade of 2 g/tonne of gold-equivalent over a minimum horizontal width of 1.2 metres was used. Separate two-dimensional block models were created for each zone. Block dimensions were 5 metres by 5 metres (in the East and Elevation directions). Block thickness values (North direction) were calculated during the estimation process. The geometry of each zone was constrained by the geological outlines. Grade estimation was carried out using inverse distance weighting with a power of two. Horizontal thickness values were calculated for each drilling intercept and inverse distance weighting with a power of three was used to estimate block thickness values. Block specific gravity values were also estimated using inverse distance weighting with a power of two.

Indicated resource was defined as within the outlined geology and within 20 metres of at least two drilling intercepts, and Inferred resource as within the outlined geology but within 40 metres of at least one drilling intercept. There was no Measured resource category as there was no supporting drifting/raising and underground sampling.

Results of the resource estimates for the Rainbow 2 and Berg Zones, at a 3 g/t Au equivalent grade included:

- Indicated resources of 126,000 tonnes at 8.0 g/t Au and 101 g/t Ag; and.
- Inferred resources of 101,000 tonnes at 7.2 g/t Au and 99 g/t Ag.

An updated summary of the total Skukum Creek resources are presented in Table 10 at various grade sensitivities.

Table 10: 2007 Resource Estimate, Skukum Creek Deposit (*after Roy and Hannon, 2007*)

Cut-off Grade (Au Eq g/t)	Measured Resources:			Indicated Resources:			Inferred Resources		
	Tonnage (t)	Au Grade (g/t)	Ag Grade (g/t)	Tonnage (t)	Au Grade (g/t)	Ag Grade (g/t)	Tonnage (t)	Au Grade (g/t)	Ag Grade (g/t)
0	260,000	4.7	193	1,170,000	5.3	145	303,000	5.1	124
1	250,000	4.9	200	1,140,000	5.4	149	299,000	5.3	126
2	230,000	5.2	215	1,100,000	5.6	154	288,000	5.5	132
3	220,000	5.3	221	1,000,000	6	164	251,000	6.1	145
4	195,000	5.8	240	880,000	6.5	174	206,000	6.8	155
5	160,000	6.6	261	740,000	7.2	191	160,000	8.2	189

Roy and Hannon (2007) noted that the Rainbow 2 zone appears to be related to the Rainbow Zone. The Rainbow 2 zone tapers out toward the east end of the zone. The Rainbow 2 and the Ridge Zone may either be contiguous or closely related. They also note that the Rainbow 2 is more extensive than the Berg Zone.

## 14.2 CURRENT

Resource estimates were undertaken on three of the targets within the Project area:

- 1) Mt. Skukum (Lake Zone)
- 2) Skukum Creek
  - a) Rainbow Zone
  - b) Kuhn Zone
  - c) Berg Zone
  - d) Rainbow2 Zone
- 3) Goddell Gully

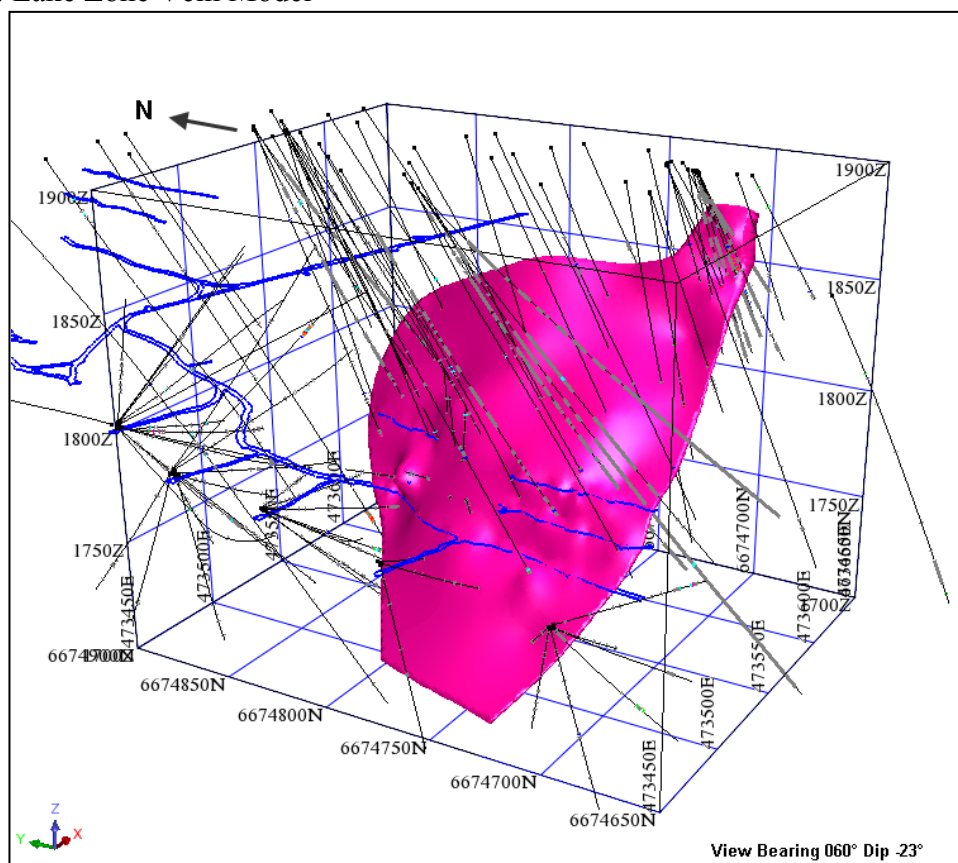
### 14.2.1 Mt. Skukum (Lake Zone)

#### **Geologic Model, Domains and Coding**

Drilling and sampling has outlined a single continuous vein extending up to 176 metres along strike to the NNW and up to 233 metres down dip to the WNW. The zone has a moderate dip of 52° towards an azimuth of 284°.

The zone was modeled in Leapfrog3d software using a minimum horizontal width of 1.5 metres. The Lake Zone vein model is illustrated in Figure 12.

Figure 12: Lake Zone Vein Model



### Available Data

The database for the Mt. Skukum area contains 363 diamond drill core holes totaling 42,914 metres. Total drilling on the Lake Zone amounted to 184 diamond drill core holes for 21,390 metres as summarized in Tables 11 and 12. The 1984 to 1988 drill programs used a nominal sample length of 0.5 metres and averaged 0.43 metres overall. The 2011 drill program used a 2 metre nominal sample length and averaged 1.76 metres overall.

Table 11: Lake Zone Database - Surface Drilling Summary

Series	Year Completed	Company	Holes Drilled	Total metres	Intervals Assayed	Metres Assayed
84-082 to 118	1984	Agip	10	1,157.31	12	4.20
86-143 to 192	1986	MSGM	32	5,481.96	436	230.83
87-322 to 382	1987	MSGM	43	3,997.25	669	264.09
88-500 to 519	1988	MSGM	15	1,847.48	249	100.55
MS11-01 to 15	2003	NUX	16	2,483.67	782	1,377.89
<b>Total</b>			<b>116</b>	<b>14,967.67</b>	<b>2,148</b>	<b>1,977.56</b>

Table 12: Lake Zone Database - Underground Drilling Summary

Series	Year Completed	Company	Holes Drilled	Total metres	Intervals Assayed	Metres Assayed
87-221 to 259	1987	MSGM	39	3,861.03	499	210.01
88-260 to 294	1988	MSGM	29	2,561.04	439	184.61
<b>Total</b>			<b>68</b>	<b>6,422.07</b>	<b>938</b>	<b>394.62</b>

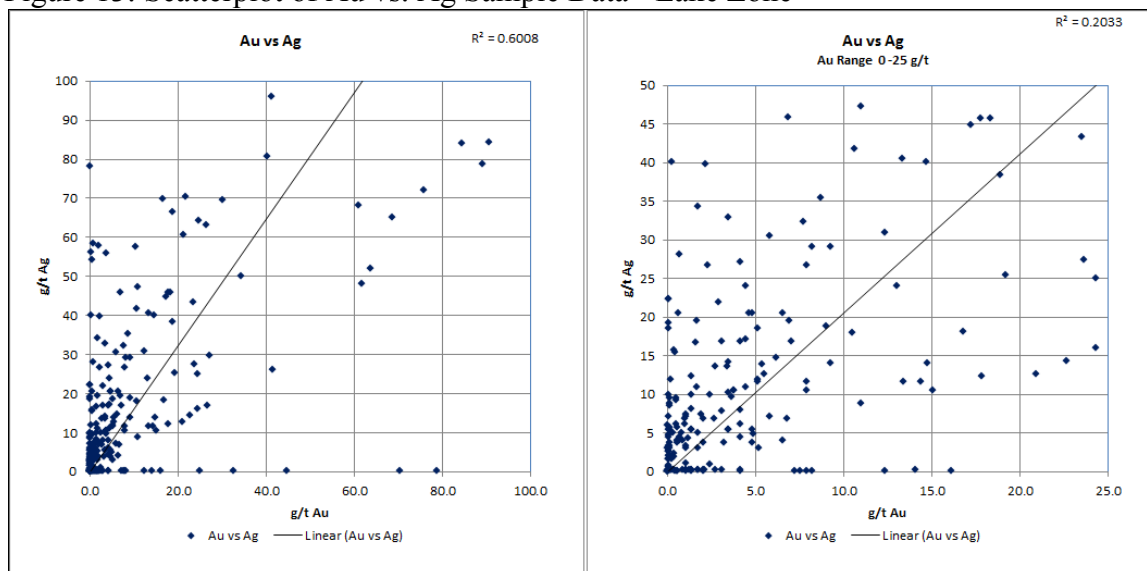
The database also contains 951 underground samples assayed only for Au from 3 main levels with an average length of 1.18 metres. These are labelled as channel samples but the sample methodology is not documented. They correspond reasonably well with nearby drill intercepts and are believed to be of sufficient reliability to support an inferred resource.

A total of 551 assays labeled 'BH' are believed to be taken from sludge samples and were not used in the resource estimation.

### Exploratory Data Analysis

Within the vein model, Au and Ag show a moderate positive correlation (correlation coefficient = 0.78) and a linear regression yields an  $R^2$  value of 0.6. At lower levels of Au content the correlation drops significantly to 0.54 with an  $R^2$  value of 0.2 (Figure 13).

Figure 13: Scatterplot of Au vs. Ag Sample Data - Lake Zone



Cumulative frequency distributions for the Au and Ag samples within the vein model are illustrated in Figures 14 and 15. Sample populations are highly skewed approaching log normal distribution.

Basic statistics for Au and Ag in their corresponding grade domains are shown in Table 13.

Figure 14: Frequency Distribution of Au - Lake Zone

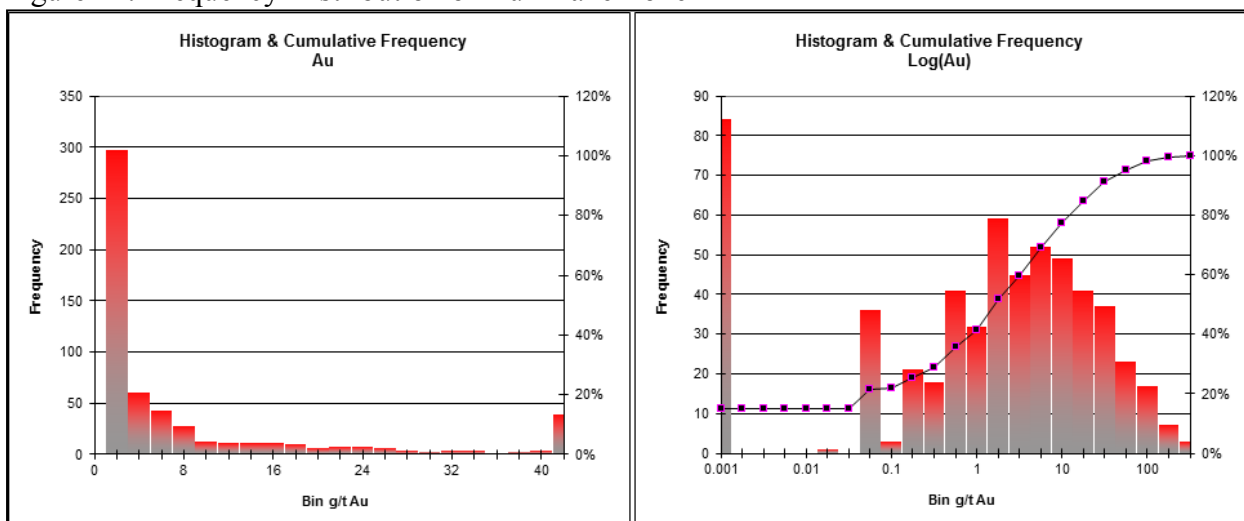


Figure 15: Frequency Distribution of Ag - Lake Zone

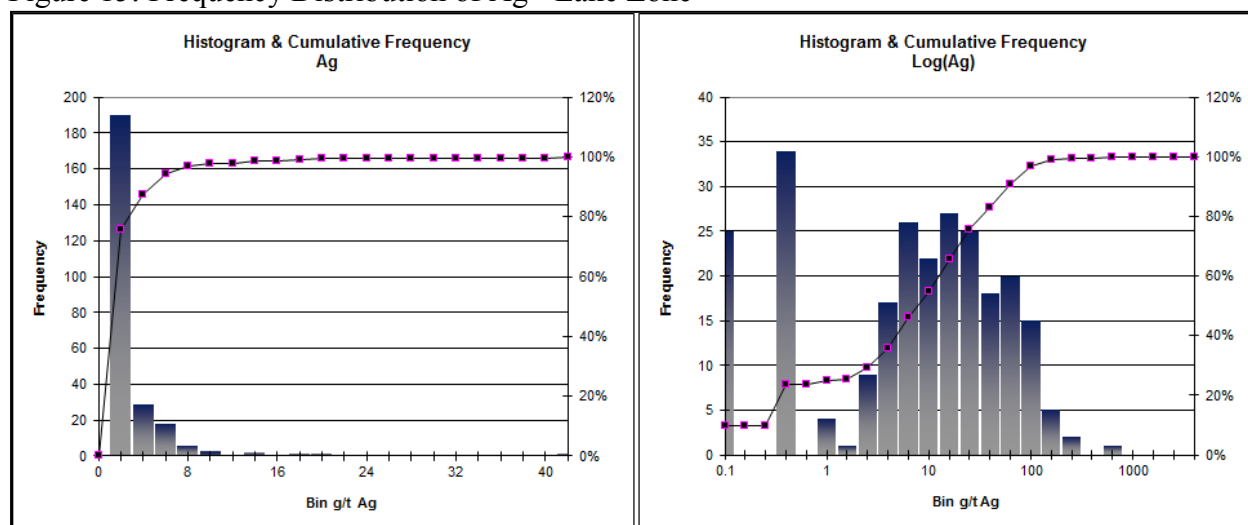


Table 13: Sample Statistics

	Au g/t		Ag g/t	
	Undiluted	Diluted	Undiluted	Diluted
n	529	536	236	243
Min	0.001	0.001	0.1	0.1
Max	389.143	389.143	505.4	505.4
Median	2.297	2.143	9.6	8.2
Mean	11.830	11.676	22.9	22.2
Wt Avg	13.536	13.473	22.5	22.2
Variance	897.30	887.36	2056	2011
Std Dev	29.95	29.79	45.3	44.8
CV	2.53	2.55	1.98	2.02

### Evaluation of Outlier Grades

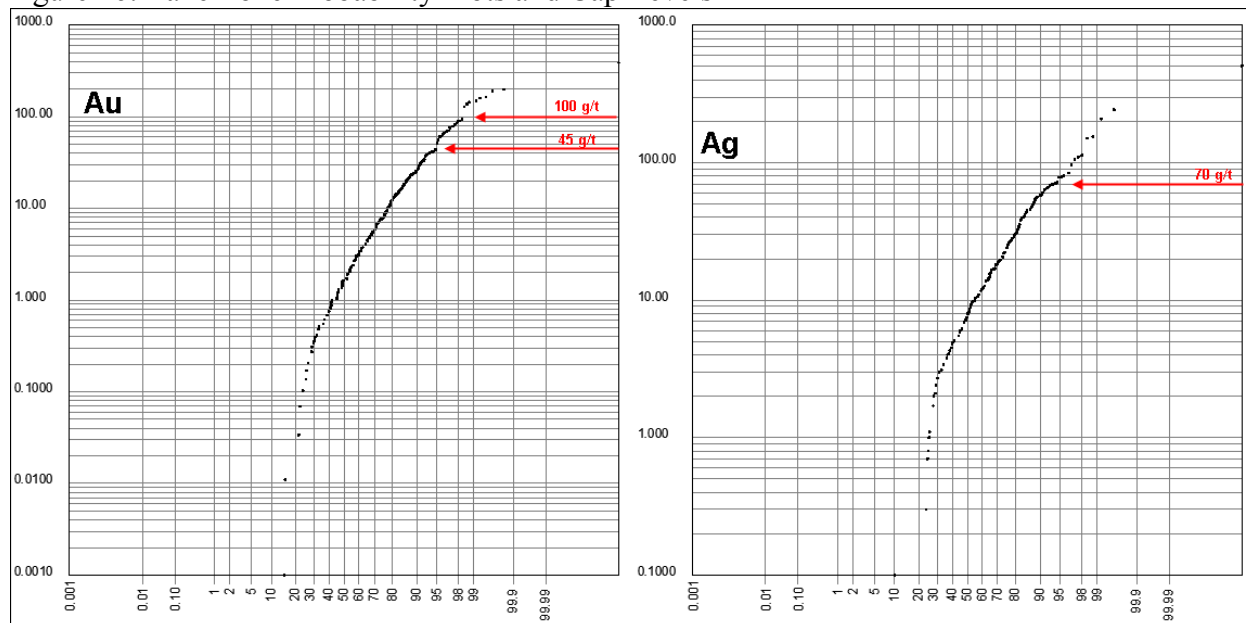
Before compositing of sample assays, grade distribution in the raw sample data was examined to determine if grade capping or special treatment of high outliers was warranted. Cumulative log probability plots were examined for outlier populations, and decile analyses were performed for Au within the zone domains. As a general rule, the cutting of high grades is warranted if:

- the last decile (upper 10% of samples) contains more than 40% of the metal; or
- the last decile contains more than 2.3 times the metal of the previous decile; or
- the last centile (upper 1%) contains more than 10% of the metal; or
- the last centile contains more than 1.75 times the next highest centile.

In the case of the Lake Zone sample population, the last decile contains 72% of the metal for Au or 5.7 times the metal of the previous decile. For Ag the last decile contains 56% of the contained metal which is 3.3 times the metal of the previous decile. There were too few samples in the upper decile to give reliable results for the upper centiles so cumulative probability plots were used to determine appropriate capping and outlier restriction (Figure 16). Top-cuts of 100 g/t for Au and 70 g/t for Ag were selected and samples between 45 and 100 g/t Au were identified as requiring a limited range of influence. Sample grades capped at 100 g/t Au were allowed a limited range of 20

metres parallel to the vein direction; beyond 20 metres, sample grades were capped at 45 g/t Au. The top-cuts affected 10 Au intervals and 16 Ag intervals. An additional 19 Au intervals between 45 and 100 g/t were given a limited range of influence.

Figure 16: Lake Zone Probability Plots and Cap Levels



### Compositing

Best fit downhole sample assay composites of Au and Ag were generated using a nominal 1 meter interval within the zone domain. There were fewer Ag composites as the underground samples did not have Ag assays. Samples were capped prior to compositing at the levels established in the previous section.

Statistics for composites are summarized in Table 14. Grade capping reduced the coefficient of variation (“CV”) for Au from 2.83 in the uncapped composites to 1.52 in the capped data population. Although this is still considered quite high, it is not unusual for precious metal deposits and is a considerable improvement over the CV of the initial sample intervals. GeoSim is of the opinion that the CV is low enough to support a mineral resource estimate.

Table 14: Composite Statistics

	Au g/t			Ag g/t	
	Uncapped	Cap 45 g/t	Cap 100 g/t	Uncapped	Cap 70 g/t
n	562	562	562	149	149
Mean	0.00	0.00	0.00	0.00	0.00
Mean	389.14	45.00	100.00	155.00	70.00
Mean	13.31	8.17	10.48	20.58	17.02
Median	2.73	2.73	2.73	9.97	9.97
Var	1417.38	153.34	410.53	790.56	373.59
Std Dev	37.65	12.38	20.26	28.12	19.33
COV	2.83	1.52	1.93	1.37	1.14

### Bulk Density Data

A total of 171 density measurements were made on core sampled in 2011. After removing 5 outliers the average density was 2.68 g/cm<sup>3</sup>. A comparison of measurements between mineralized and unmineralized core showed no significant difference and this value was used to determine reported tonnes of mineralized material in the resource estimate.

### Variography

Directional variograms in the plane of the mineralized zone showed no significant trends or anisotropy. The maximum model range was 20 metres and the nugget value was 53% of the total sill using a maximum grade of 45 g/t.

### Model Setup and Limits

A rotated block model was created in Gemcom-Surpac Vision© software using a block size 5 x 5 x 3 m with sub-blocking enabled to 2.5 x 2.5 x 1.5 metres. Block model extents and orientation are summarized in Table 15.

Table 15: Block Model Parameters

	East	North	Elevation
Origin	473480	6674680	1650
Extent	300	220	75
Rotation		-52°	14°
Block Size	5	5	3
Sub-block	2.5	2.5	1.5

### Interpolation Parameters

Au and Ag grades within the vein domain were estimated in three passes using the inverse distance weighting method to the third power (ID<sup>3</sup>). A single pass nearest neighbour estimate was also carried out for use in model validation. Search parameters are outlined in Table 16. Grade distribution is illustrated in Figures 17 and 18.

Table 16: Grade Model Search Parameters

Item/Zone	Pass	Max Search Dist (m)		Min # Composites	Max # Composites	Max per Hole	Topcut g/t Au / Ag
		Parallel to structure	Across Structure				
Au	1	20	4	3	16	2	100
	2	40	8	3	16	2	45
	3	80	16	3	20	-	45
Ag	1	20	4	3	16	2	70
	2	40	8	3	16	2	70
	3	80	16	3	20	-	70

Figure 17: Perspective View of Block Model - Au Grades

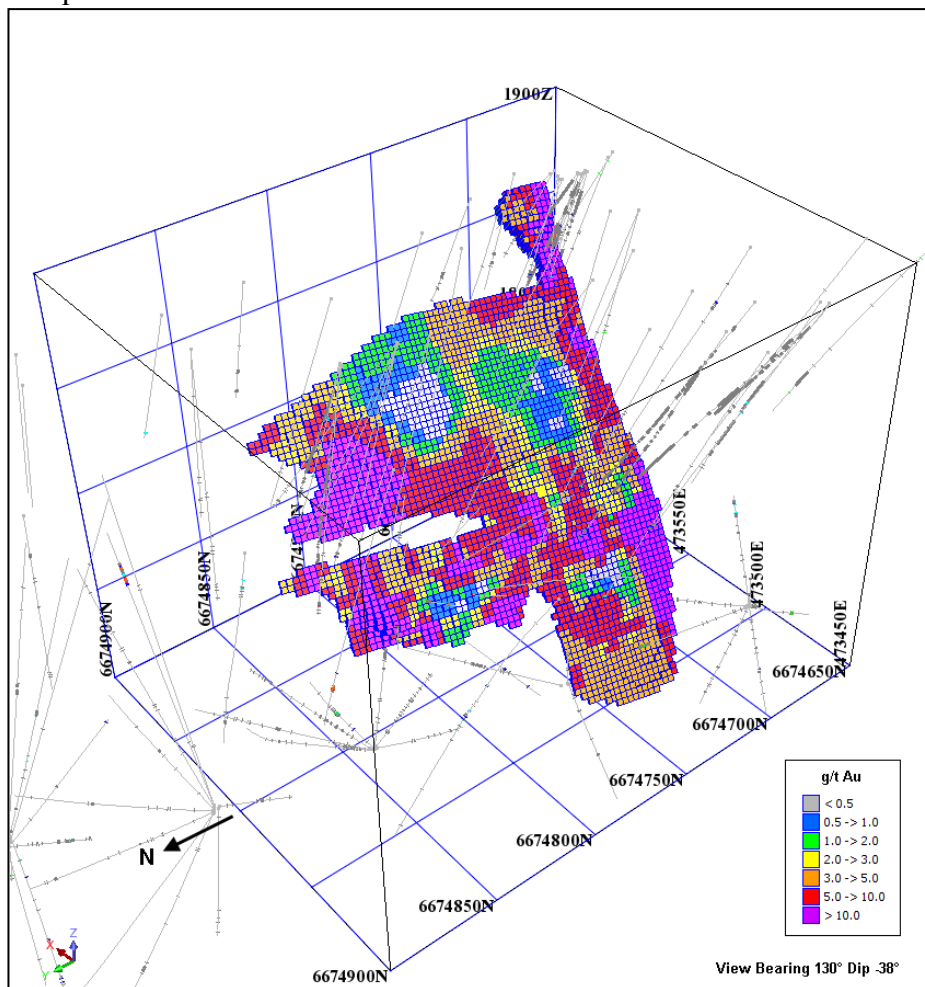
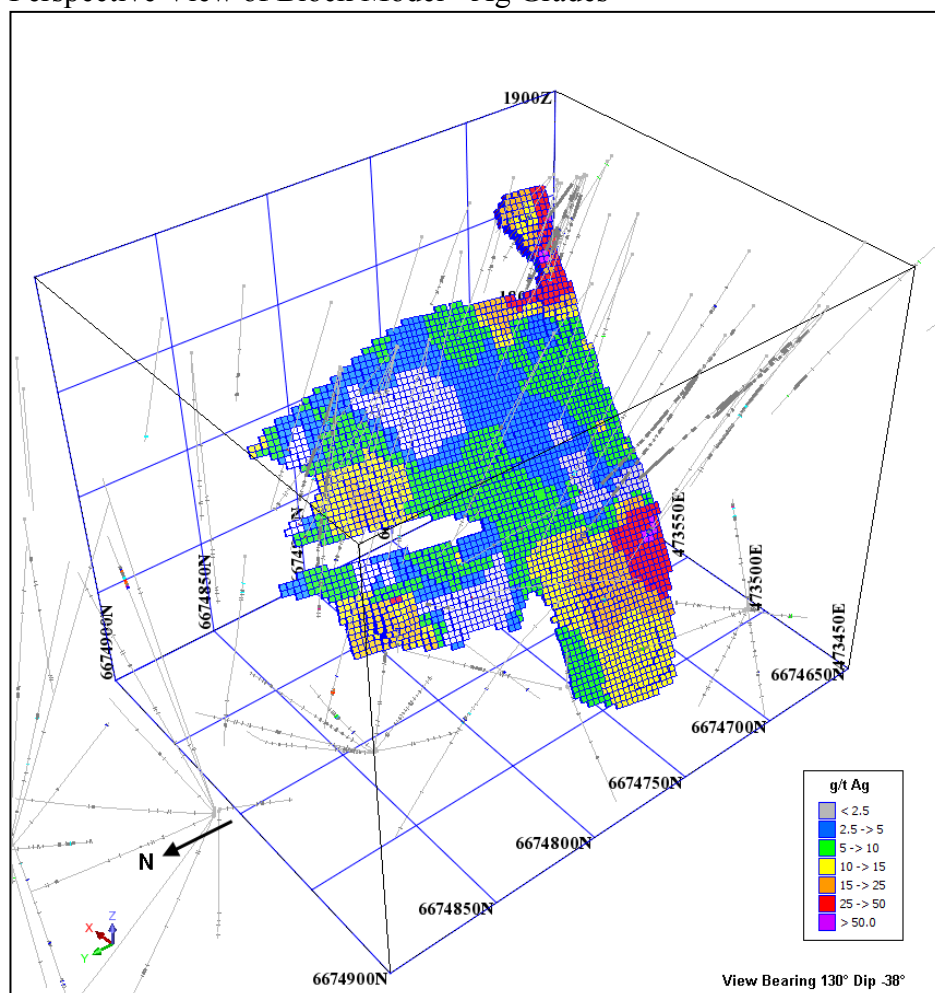


Figure 18: Perspective View of Block Model - Ag Grades



## Validation

### *Visual Inspection*

Model verification was initially carried out by visual comparison of blocks and sample grades in plan and section views. The estimated block grades showed reasonable correlation with adjacent composite grades.

The frequency distributions of block grades within the blocks estimated for Au and Ag are shown Figures 19 and 20.

Figure 19: Frequency Distribution of Au Grades in Block Model

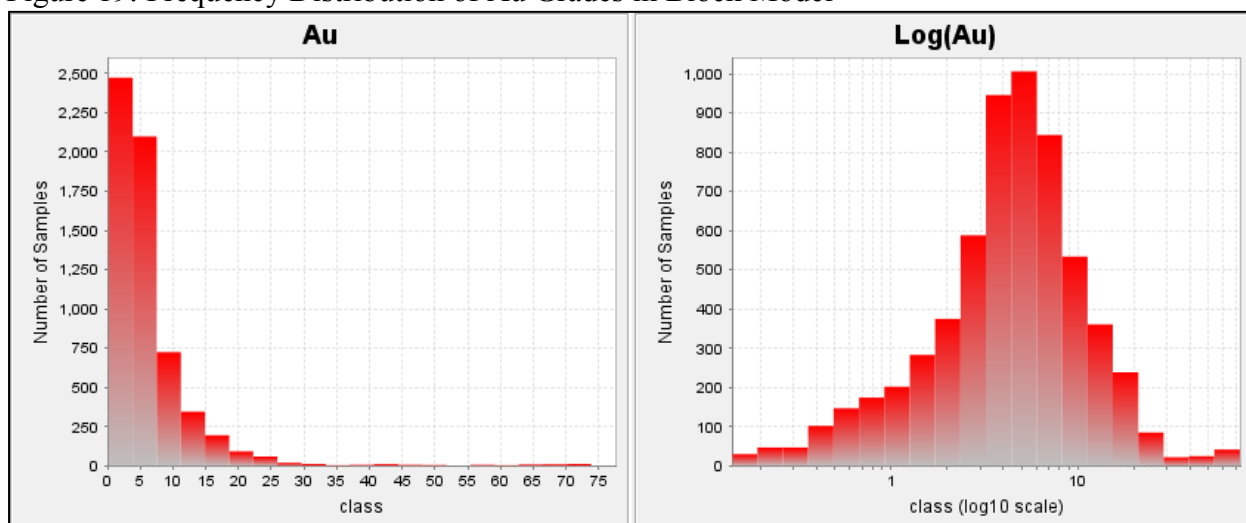
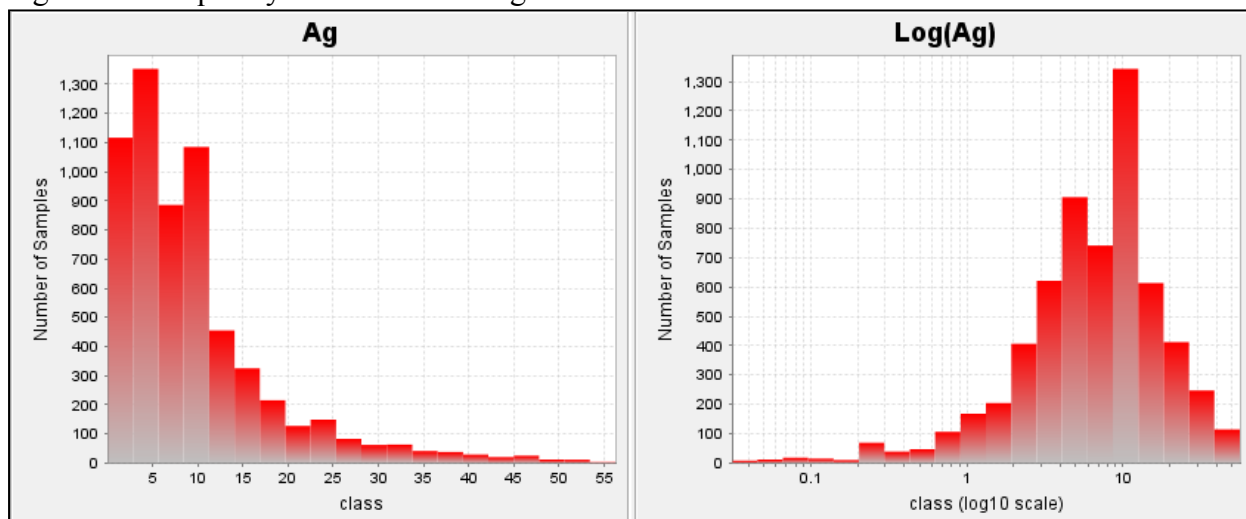


Figure 20: Frequency Distribution of Ag Grades in Block Model



### Global Bias Check

Block grades were estimated using the inverse distance ( $ID^3$ ) and the nearest neighbour ('NN') methods. A comparison of global mean values within the vein domain shows a reasonably close relationship with samples, composites and block model values at a '0' cut-off grade (Table 17).

Table 17: Global Mean Grade Comparison

Source	Au	Ag
Samples	13.54	23
Samples (Capped)	10.89	19
Composites	13.31	21
Capped Composites	8.17	17
IDW Grade	7.35	11
NN Grade	7.74	13

## Resource Classification

Resource classifications used in this study conform to the following definition from NI43-101:

### **Mineral Resource**

*A Mineral Resource is a concentration or occurrence of diamonds, natural solid inorganic material, or natural solid fossilized organic material including base and precious metals, coal, and industrial minerals in or on the Earth's crust in such form and quantity and of such a grade or quality that it has reasonable prospects for economic extraction. The location, quantity, grade, geological characteristics and continuity of a Mineral Resource are known, estimated or interpreted from specific geological evidence and knowledge.*

### **Measured Mineral Resource**

*A 'Measured Mineral Resource' is that part of a Mineral Resource for which quantity, grade or quality, densities, shape, physical characteristics are so well established that they can be estimated with confidence sufficient to allow the appropriate application of technical and economic parameters, to support production planning and evaluation of the economic viability of the deposit. The estimate is based on detailed and reliable exploration, sampling and testing information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes that are spaced closely enough to confirm both geological and grade continuity.*

### **Indicated Mineral Resource**

*An 'Indicated Mineral Resource' is that part of a Mineral Resource for which quantity, grade or quality, densities, shape and physical characteristics can be estimated with a level of confidence sufficient to allow the appropriate application of technical and economic parameters, to support mine planning and evaluation of the economic viability of the deposit. The estimate is based on detailed and reliable exploration and testing information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes that are spaced closely enough for geological and grade continuity to be reasonably assumed.*

### **Inferred Mineral Resource**

*An 'Inferred Mineral Resource' is that part of a Mineral Resource for which quantity and grade or quality can be estimated on the basis of geological evidence and limited sampling and reasonably assumed, but not verified, geological and grade continuity. The estimate is based on limited information and sampling gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes.*

The Mt. Skukum resource is classified as 'Inferred' as grade estimation is largely based on limited sampling and grade continuity has not been verified between widely spaced drill intercepts.

## Mineral Resources

The following table presents the mineral resource estimate for the Mt. Skukum Deposit at a range of cut-off grades with the base case highlighted. The selected base case cut-off grade of 3.0 g/t gold is considered to be generally consistent with the economic cut-off for other mineral deposits of similar characteristics, scale and location (US\$1,300 per ounce Au and US\$26 per ounce Ag). The gold equivalent formula used was  $AuEQ = Au + Ag * 0.02$ . The effective date of the estimate is July 16, 2012.

Table 18: Inferred Mineral Resource - Lake Zone

Cutoff g/t AuEQ	Tonnes	Au g/t	Ag g/t	AuEQ g/t	Contained oz Au	Contained oz Ag
1.0	111,900	7.83	12	8.07	28,200	43,200
1.5	105,400	8.24	12	8.48	27,900	40,700
2.0	100,000	8.60	12	8.84	27,600	38,600
2.5	95,800	8.88	13	9.14	27,400	40,000
3.0	90,500	9.25	13	9.51	26,900	37,800
3.5	84,500	9.69	13	9.95	26,300	35,300
4.0	76,700	10.31	14	10.59	25,400	34,500
4.5	69,100	11.00	14	11.28	24,400	31,100
5.0	61,200	11.83	15	12.13	23,300	29,500

The mineral resource estimate is quite sensitive to metal prices. There are no other known factors or issues that materially affect the estimate other than normal risks faced by mining projects in the province in terms of environmental, permitting, taxation, socio-economic, marketing and political factors. There are no known legal or title issues that would materially affect the mineral resource estimate.

### Comparison with Historical Estimate

There are no historical NI 43-101 compliant mineral resource estimates for the Lake Zone (Mt. Skukum) deposit.

#### 14.2.2 Skukum Creek

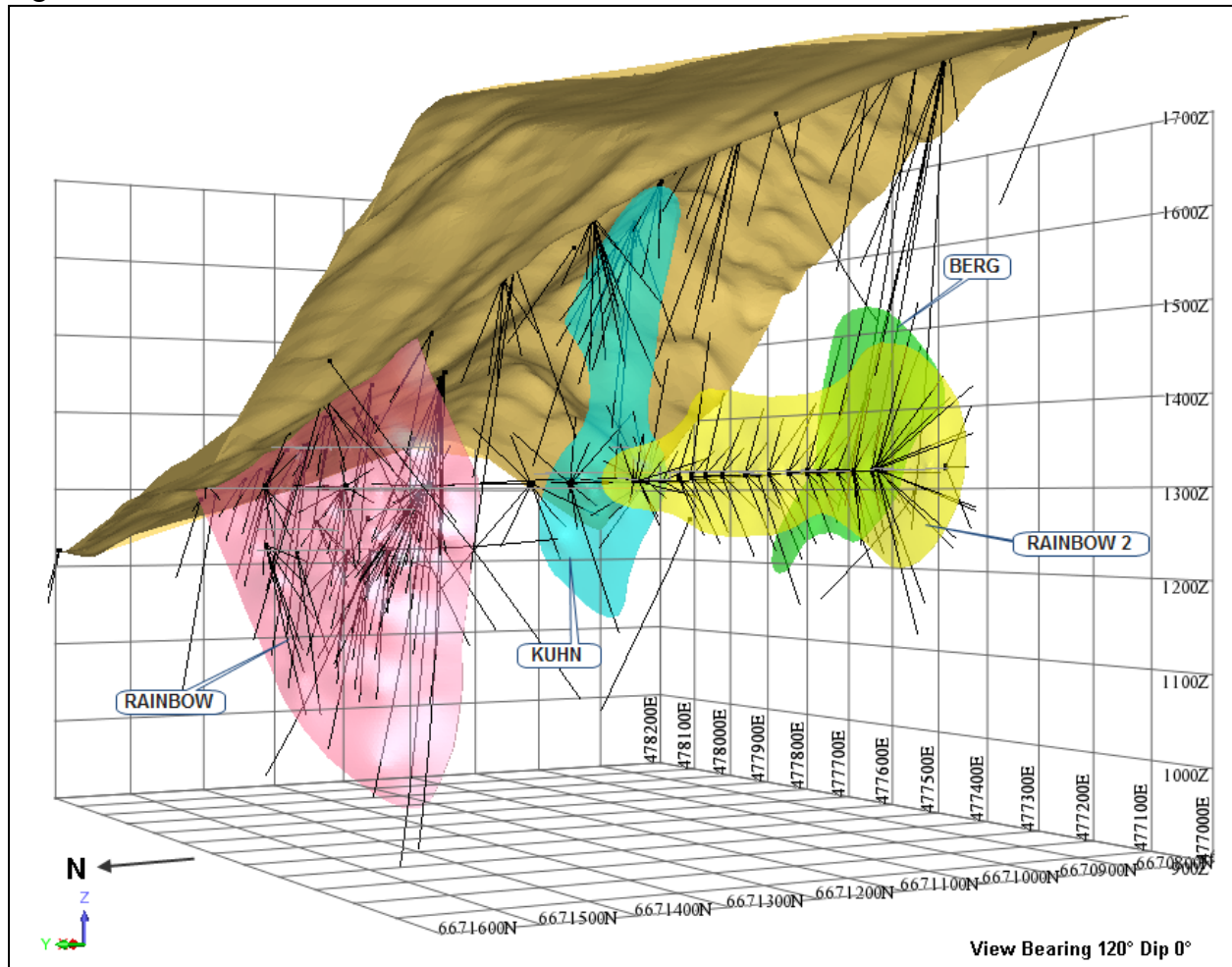
##### Geologic Model, Domains and Coding

Four separate vein zones were modeled in Leapfrog3d software using a minimum horizontal width of 1.5 metres. The vein domains were assigned integer codes as displayed in Table 19. The Skukum Creek vein models are illustrated in Figure 21.

Table 19: Skukum Creek Vein Model Codes

Vein	Code
Rainbow 2	101
Berg	102
Kuhn	201
Rainbow	301

Figure 21: Skukum Creek Vein Models



## Available Data

The drilling database summary for the Skukum Creek area is presented in Table 20 and Table 21. A total of 10,723 samples were assayed for Au and 10,484 for Ag (22 holes from the 1986 surface drill program were missing Ag assays).

Table 20: Skukum Creek Database - Surface Drilling Summary

Series	Year Completed	Company	Holes Drilled	Total metres	Intervals Assayed	Metres Assayed
85-1 to 85-23, RDH85	1985	Omni	27	2,883.43	558	582.42
86-	1986	Omni	55	8,301.47	1,086	1,297.90
87-	1987	Omni	11	2,624.03	212	241.61
88-E1 to WC1	1988	Omni	24	5,165.18	388	490.26
RACA97, RG97	1997	Omni	7	2,739.47	639	800.79
98-	1998	Omni	5	1,321.90	48	37.22
SC01-1 to 4	2001	TLG	4	1,502.35	895	1,174.57
CFT11, Raca11, SC11	2011	NUX	12	4,767.44	910	1,033.58
<b>Total</b>			<b>145</b>	<b>29,305.27</b>	<b>4,736</b>	<b>5,658.35</b>

Table 21: Skukum Creek Database - Underground Drilling Summary

Series	Year Completed	Company	Holes Drilled	Total metres	Intervals Assayed	Metres Assayed
87-UG1R to 17R, 87-UG18K to 21K	1987	Omni	21	1,741.90	350	438.12
87-UG-TH1 to TH4	1987	MSGM	4	41.46	25	26.10
87-UG22K to UG57K	1987	Omni	36	2,896.51	600	669.45
88-UG1 to UG12	1988	Omni	13	1,416.06	224	199.67
R96-200 to 214	1996	Omni	15	1,646.84	241	324.67
SC02-5 to 19	2002	TLG	15	2,502.52	788	923.89
SC03-20 to 24	2003	TLG	5	284.08	117	143.57
SC05-25 to 38	2005	TLG	14	913.40	283	271.64
SC06-39 to 110	2006	TLG	72	6,445.44	2,384	2,364.43
SC07-111 to 126	2007-8	TLG	16	2,125.98	559	437.47
SC11-(UG)	2011	NUX	14	1,706.60	416	413.89
<b>Total</b>			<b>225</b>	<b>21,720.79</b>	<b>5,987</b>	<b>6,212.90</b>

Two drill holes were excluded from the resource estimate. Hole 87-UG17R was twinned by a more recent hole and hole 85-18 appeared to have incorrect orientation data as the zone intercept was significantly offset from the nearby underground development. The mean width of all the Skukum Creek drill sample intervals was 1.11 metres, with the most common interval set at 1 metre.

The database also contains Au and Ag assay results from 1,974 underground samples. The average sample length is 0.93 metres and the median is 0.90 metres. Most of the underground sampling was carried out along drifts in the Rainbow Zone developed on the 1300 and 1350 levels. The 1300 level drifts on the Berg, Kuhn and Rainbow 2 Zones were also sampled. These samples correspond reasonably well with nearby drill intercepts and give a better picture of the grade distribution and continuity along strike of the shear and vein structures. Due to the lack of QA/QC information, the data was not used to support resources in the Measured category.

## Exploratory Data Analysis

Au and Ag show moderate positive correlations in the Rainbow 2 and Berg Zones with correlation coefficients of 0.6 and 0.66 respectively. The Kuhn zone shows a weaker correlation of 0.37 and the Rainbow zone is very weak (0.24). Scatterplots of Au vs. Ag for the individual zones are displayed in Figures 22 and 23.

Figure 22: Scatterplot of Au vs. Ag Sample Data - Rainbow 2 and Berg Zones

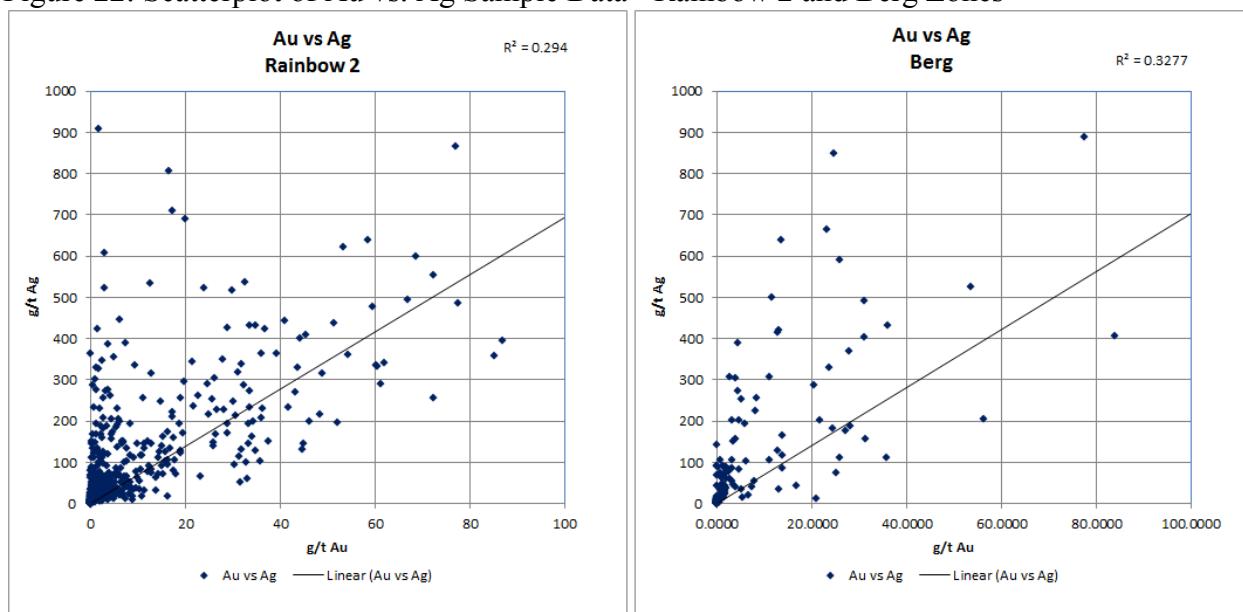
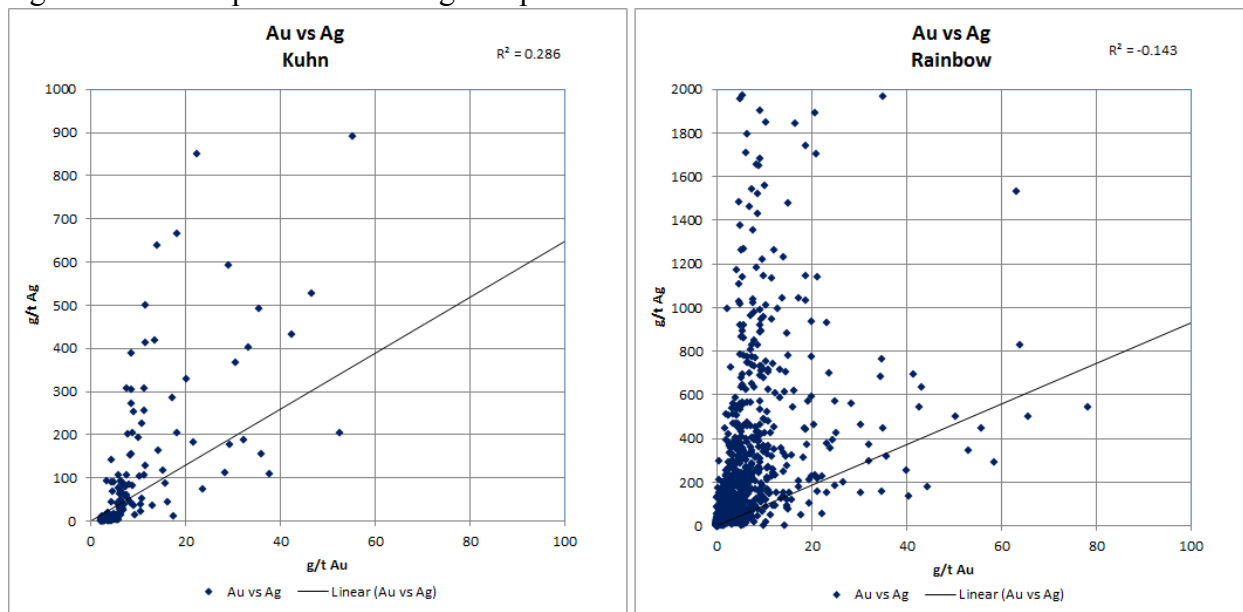


Figure 23: Scatterplot of Au vs. Ag Sample Data - Kuhn and Rainbow Zones



Cumulative frequency distributions for the Au and Ag samples within the vein models are illustrated in Figures 24 and 25. Sample populations are highly skewed approaching log normal distribution.

Basic statistics for Au and Ag in their corresponding grade domains are shown in Tables 22 and 23.

Table 22: Sample Statistics - Au

	Rainbow 2	Berg	Kuhn	Rainbow	All DH	All Channel	Combined
n	713	159	325	1325	1588	934	2522
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max	144.00	215.00	198.86	412.80	412.80	215.00	412.80
Median	0.89	1.10	2.06	1.95	1.58	2.03	1.75
Mean	7.09	8.29	6.00	5.04	5.48	6.75	5.95
Wt Avg	6.46	6.91	5.20	4.99	5.00	6.42	5.47
Variance	225.34	450.10	244.90	223.30	226.82	266.38	241.75
Std Dev	15.01	21.22	15.65	14.94	15.06	16.32	15.55
CV	2.12	2.56	2.61	2.96	2.75	2.42	2.61

Table 23: Sample Statistics - Ag

	Rainbow 2	Berg	Kuhn	Rainbow	All DH	All Channel	Combined
n	713	159	325	1325	1588	934	2522
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max	1400.0	1010.4	3306.9	3516.0	3516.0	2990.7	3516.0
Median	21.6	35.0	37.0	59.3	38.1	52.7	42.7
Mean	83.6	116.6	100.7	199.6	130.1	180.8	148.8
Wt Avg	75.9	109.3	75.7	188.7	115.8	190.4	141.2
Variance	21378	36699	58687	128710	73993	105972	86399
Std Dev	146.2	191.6	242.3	358.8	272.0	325.5	293.9
CV	1.75	1.64	2.40	1.80	2.09	1.80	1.97

Figure 24: Frequency Distribution of Au - Skukum Creek

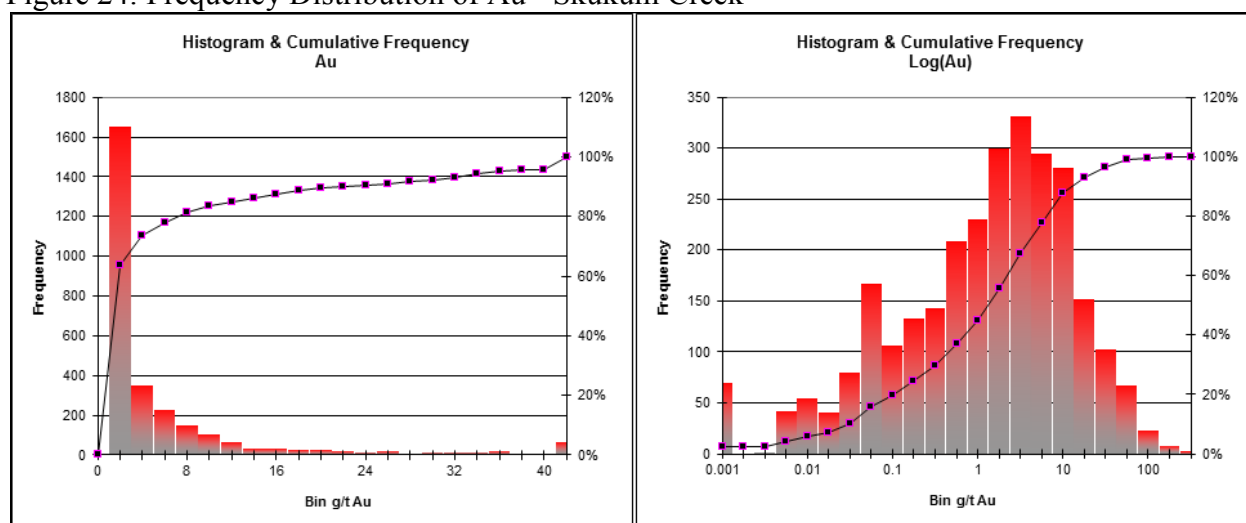
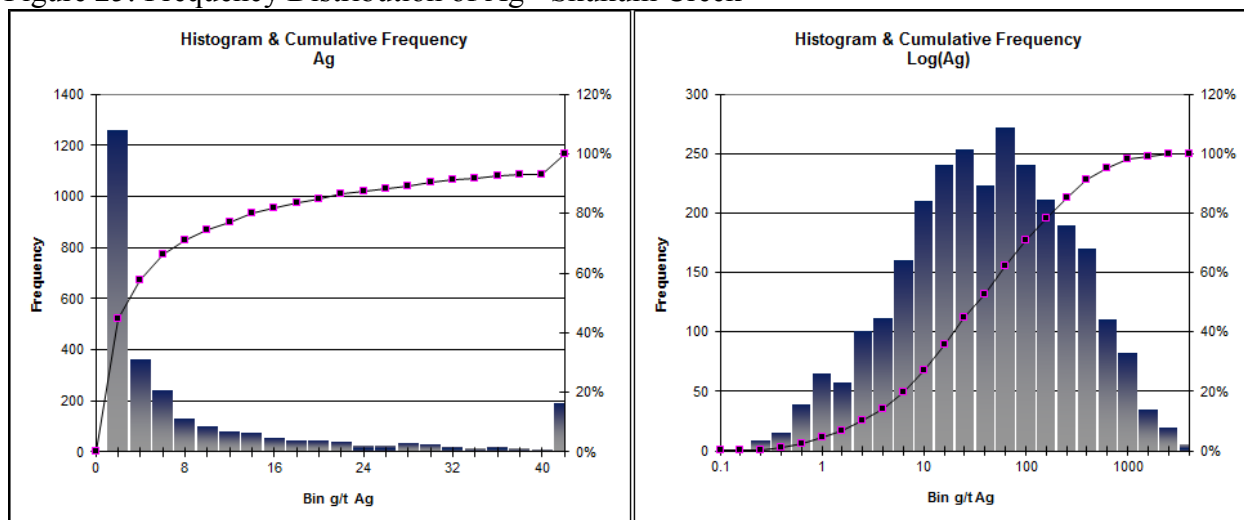


Figure 25: Frequency Distribution of Ag - Skukum Creek



### Evaluation of Outlier Grades

Before compositing, grade distribution in the raw sample data was examined to determine if grade capping or special treatment of high outliers was warranted. Cumulative log probability plots were examined for outlier populations and decile analyses was performed for Au and Ag within the zone domains.

The upper decile for all zones exceeded the 40% threshold and the upper centiles all exceeded a level of 10% of the contained metal for both Au and Ag (Table 24).

Table 24: Decile Analysis - Skukum Creek Zones

Zone	% Contained Metal			
	Au		Ag	
	Upper Decile	Upper Centile	Upper Decile	Upper Centile
Rainbow 2	59.7	15.8	46.4	11.0
Berg	51.0	20.8	43.8	14.3
Kuhn	57.2	23.2	43.0	10.1
Skukum	53.6	24.1	51.6	10.2

To establish suitable capping levels, cumulative probability plots (CPP) were examined for any clear break points. Selected upper top-cut levels varied between the 95<sup>th</sup> and 99<sup>th</sup> percentile levels (Figures 26 to 29). For the Rainbow 2 Zone the 60 g/t top-cut was restricted to a maximum distance of 24 metres and beyond this range a 30 g/t outlier restrictions was imposed.

The number of samples capped and impact on average grade in each zone are summarized in Tables 25 and 26. The most dramatic apparent impact on average grade is on the Berg zone which dropped from 6.9 g/t to 4.7 g/t. However, most of this drop was due to the influence of one high grade outlier grading 215 g/t which exceeded the next highest grade by over 250%. If this single outlier is excluded the average grade drops from 6.9 to 5.9 g/t. Similarly, in the Kuhn zone, two high grade outliers are over 250% higher than the next highest value and if they are excluded the average grade drops from 5.2 to 4.3 g/t.

Figure 26: CPP Au and Cap Levels - Rainbow2 Zone

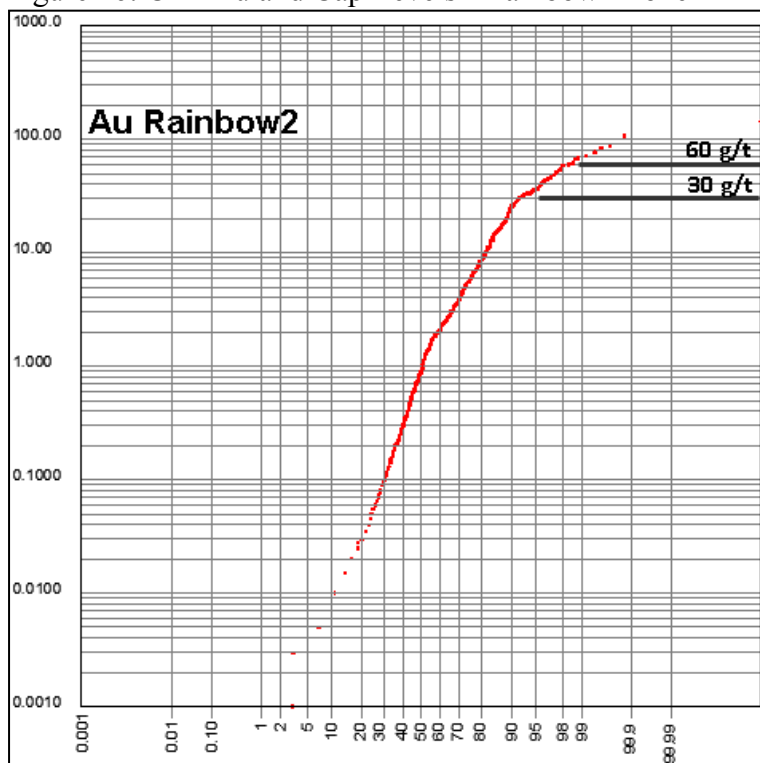


Figure 27: CPP Au and Cap Levels - Berg Zone

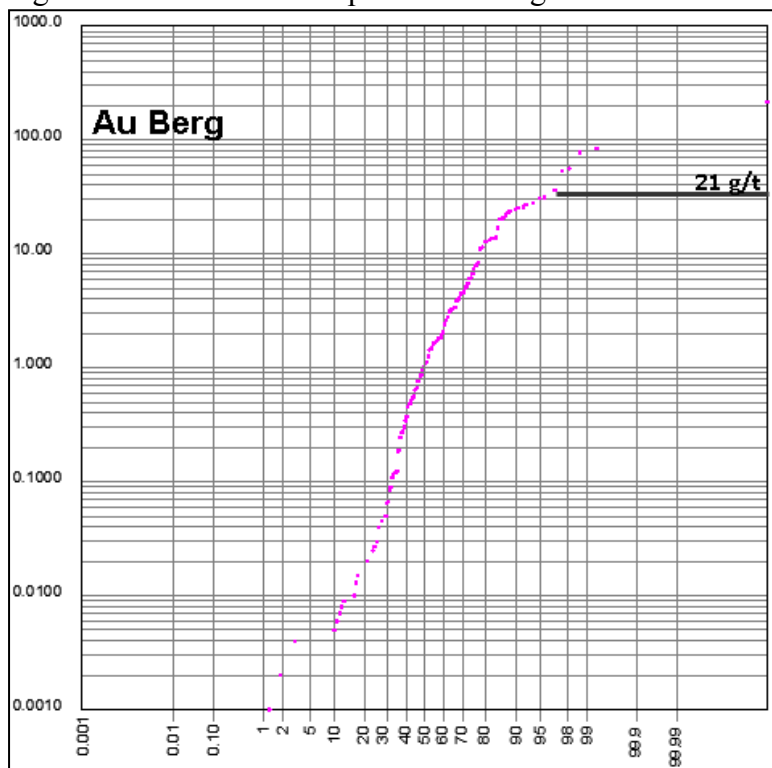


Figure 28: CPP Au and Cap Levels - Kuhn Zone

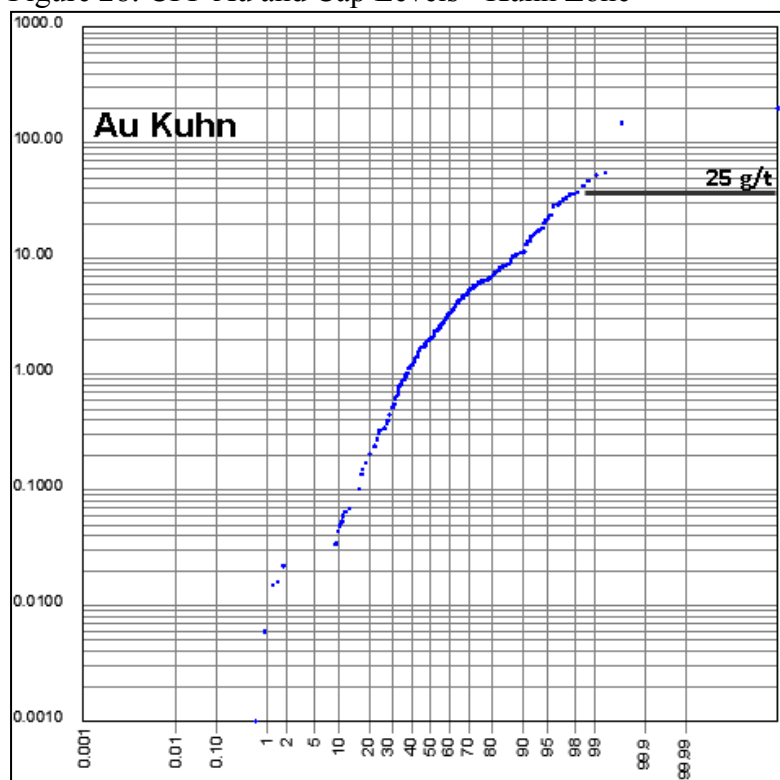


Figure 29: CPP Au and Cap Levels - Rainbow Zone

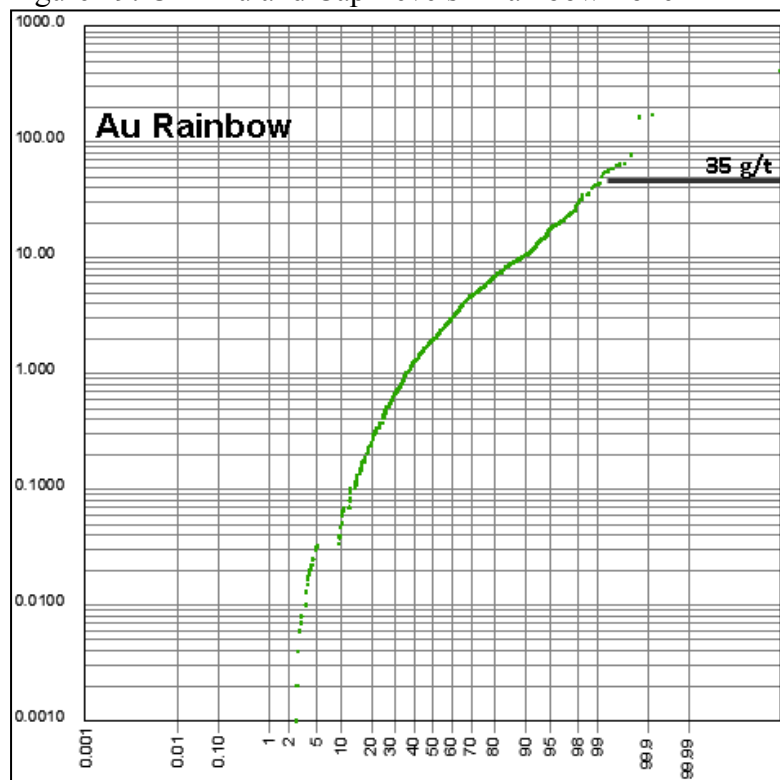


Table 25: Capping Summary by Zone - Au

Zone	Rainbow2	Berg	Kuhn	Rainbow	Combined
Cap Level	60	21	25	35	
Total Samples	713	159	325	1325	2522
Maximum Value	144	215	199	413	413
Wt Avg Uncapped	6.46	6.91	5.20	4.99	5.47
Wt Avg Capped	6.07	4.70	4.04	4.15	4.60
Number Capped	14	21	15	20	70
% Capped	2.0%	13.2%	4.6%	1.5%	2.8%

Table 26: Capping Summary by Zone - Ag

Zone	Rainbow2	Berg	Kuhn	Rainbow	Combined
Cap Level	650	400	400	1000	
Total Samples	713	159	325	1325	2522
Maximum Value	1400	1010	3307	3516	3516
Wt Avg Uncapped	75.89	109.29	75.69	188.69	141.15
Wt Avg Capped	72.97	91.04	64.92	180.37	133.08
Number Capped	7	15	13	26	61
% Capped	1.0%	9.4%	4.0%	2.0%	2.4%

### Compositing

Best fit downhole sample assay composites of Au and Ag were generated using a nominal 1 metre interval within the zone domains. Samples were capped prior to compositing at the levels established in the previous section.

Statistics for composites are summarized in Tables 27 and 28. Compositing and grade capping reduced the coefficient of variation (“CV”) for Au from 2.61 in the uncapped raw sample data to 1.47 in the capped composite population. Although this is still considered quite high, it is not unusual for precious metal deposits and is a considerable improvement over the CV of the initial sample intervals. GeoSim is of the opinion that the CV is low enough to support a mineral resource estimate.

Table 27: Composite Statistics - Au

Zone	101	102	201	301	Combined
n	605	166	408	1365	2544
Min	0.000	0.000	0.000	0.000	0.000
Max	60.000	21.000	25.000	35.000	35.000
Q1	0.105	0.027	0.198	0.680	0.334
Median	1.427	0.785	1.630	2.176	1.851
Q3	6.133	5.799	4.814	5.200	5.284
90th %ile	18.190	15.008	9.191	9.388	10.700
99th %ile	53.316	21.000	25.000	32.797	30.000
Mean	5.725	4.274	3.632	4.067	4.172
Variance	109.225	42.743	28.140	31.984	37.812
Std Dev	10.451	6.538	5.305	5.655	6.149
CV	1.83	1.53	1.46	1.39	1.47

Table 28: Composite Statistics - Ag

Zone	101	102	201	301	Combined
n	605	166	408	1365	2544
Min	0.0	0.0	0.0	0.0	0.0
Max	650.0	400.0	391.3	1500.0	1500.0
Q1	5.8	5.7	7.4	18.4	11.4
Median	28.3	25.4	30.1	68.6	45.6
Q3	82.0	97.8	74.8	215.7	142.6
90th %ile	192.0	303.9	161.0	480.4	347.5
99th %ile	521.2	400.0	353.2	1474.4	1151.7
Mean	69.4	82.1	58.6	177.2	126.3
Variance	11064.1	14192.1	5954.4	72269.0	46287.1
Std Dev	105.2	119.1	77.2	268.8	215.1
CV	1.515	1.452	1.318	1.517	1.703

### Bulk Density Data

A total of 32 samples of vein material from the Skukum Creek zones were measured for bulk density in 2011. After removing two outliers, the average value of 2.87 g/cm<sup>3</sup> was used for converting volume to tonnes in the resource estimate.

### Variography

Directional variograms in the plane of the mineralized zone showed no significant trends or anisotropy. The maximum model range was 24 metres and the nugget value was 39% of the total sill for Au and 33% for Ag.

## Model Setup and Limits

A rotated block model was created in Gemcom-Surpac Vision© software using a block size 5 x 1.5 x 5 metres with sub-blocking enabled to 2.5 x 0.75 x 2.5 metres. Block model extents and orientation are summarized in Table 29.

Table 29: Block Model Parameters - Skukum Creek

	East	North	Elev
Origin	477000	6671000	900
Extent	350	1200	800
Rotation			60°
Block Size	5	1.5	5
Sub-block	2.5	0.75	2.5
Blocks	70	800	160

## Interpolation Parameters

Au and Ag grades within the vein domains were estimated in three passes using the inverse distance weighting method to the third power ( $ID^3$ ). Search parameters are presented in Table 30. Grade distribution is illustrated in Figures 30 and 31.

Table 30: Search Parameters - Skukum Creek Grade Estimation

Item/Zone	Pass	Maximum Search Dist (m)			Min # Composites	Max # Composites	Max per Hole	Topcut g/t Au
		Major Axis	Semi-Major Axis	Minor Axis				
Au Rainbow 2	1	24	24	4.8	5	24	4	60
	2	48	48	9.6	4	24	3	30
	3	72	72	14.4	3	20	-	30
Au Berg	1	24	24	4.8	5	24	4	21
	2	48	48	9.6	4	24	3	21
	3	72	72	14.4	3	20	-	21
Au Kuhn	1	24	24	4.8	5	24	4	25
	2	48	48	9.6	4	24	3	25
	3	72	72	14.4	3	20	-	25
Au Rainbow	1	24	24	4.8	5	24	4	35
	2	48	48	9.6	4	24	3	35
	3	72	72	14.4	3	20	-	35
Ag Rainbow 2	1	20	20	4	5	24	2	650
	2	40	40	8	4	24	2	650
	3	80	80	16	3	20	-	650
Ag Berg	1	24	24	4.8	5	24	4	400
	2	48	48	9.6	4	24	3	400
	3	72	72	14.4	3	20	-	400
Ag Kuhn	1	24	24	4.8	5	24	4	400
	2	48	48	9.6	4	24	3	400
	3	72	72	14.4	3	20	-	400
Ag Rainbow	1	24	24	4.8	5	24	4	1500
	2	48	48	9.6	4	24	3	1500
	3	72	72	14.4	3	20	-	1500

Figure 30: Au Block Grade Distribution - Skukum Creek

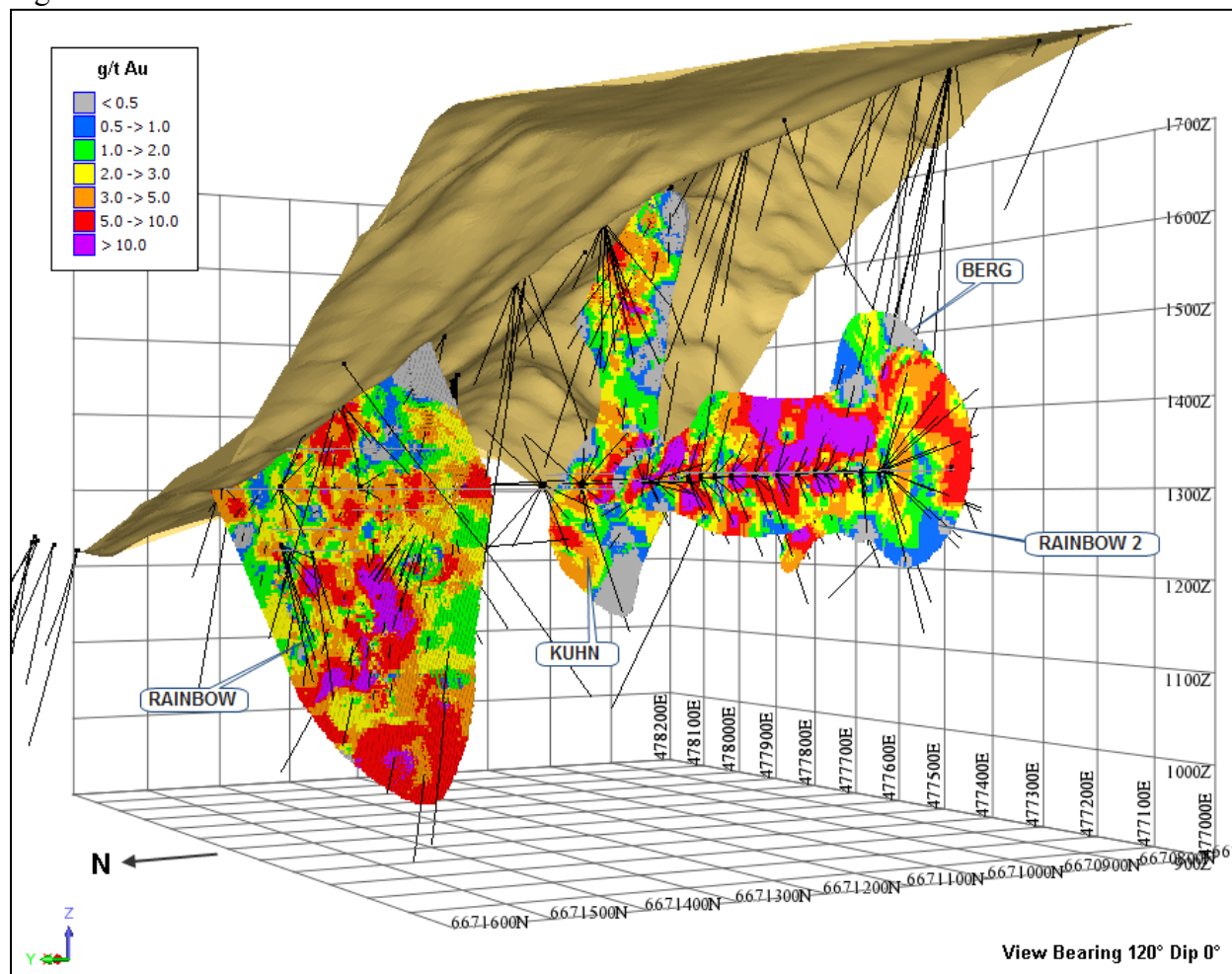
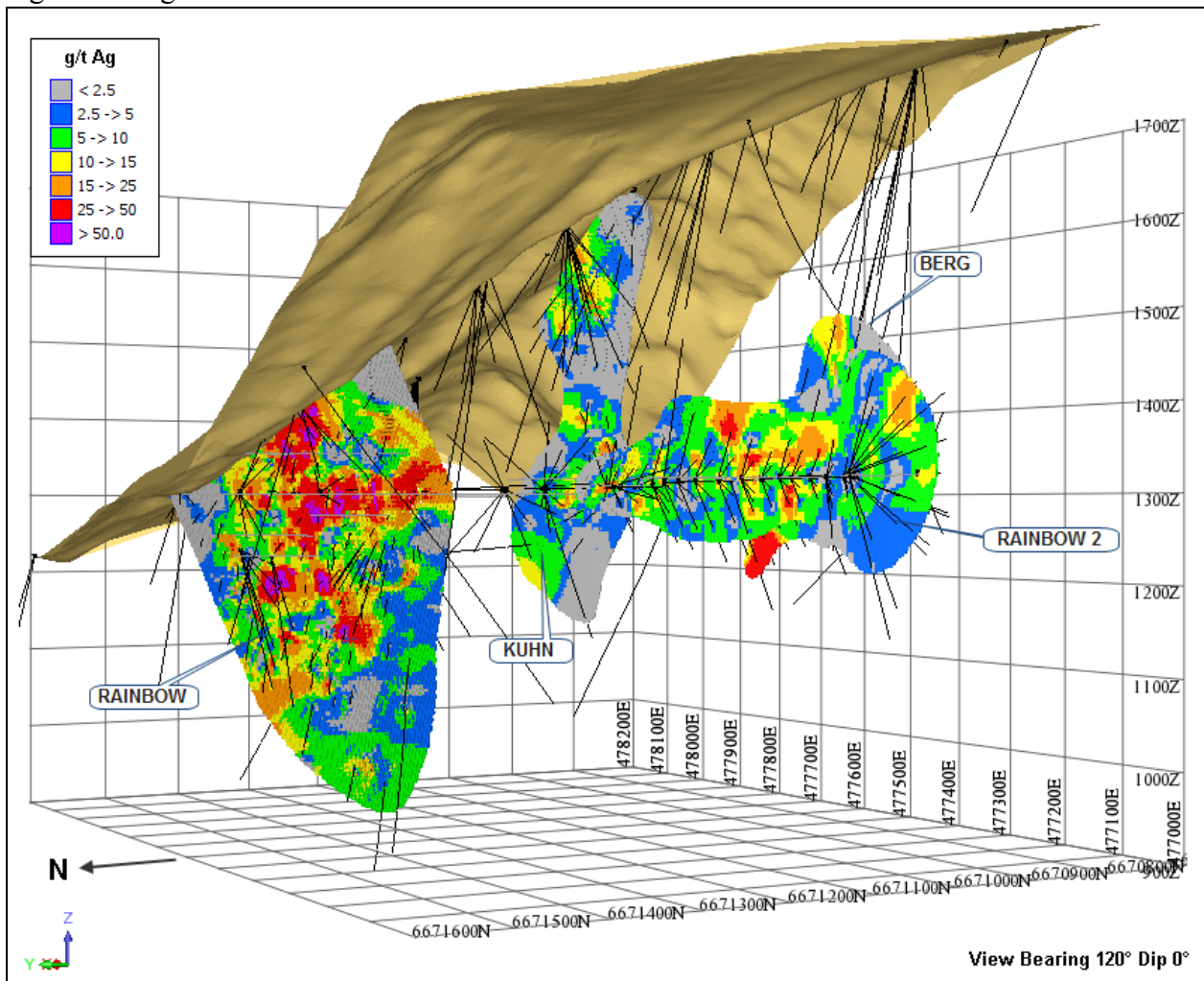


Figure 31: Ag Block Grade Distribution - Skukum Creek



## Validation

### *Visual Inspection*

Model verification was initially carried out by visual comparison of blocks and sample grades in plan and section views. The estimated block grades showed reasonable correlation with adjacent composite grades. The frequency distributions of block grades within the blocks estimated for Au and Ag are shown in Figure 32 and Figure 33.

Figure 32 Frequency Distribution of Au Grades in Block Model

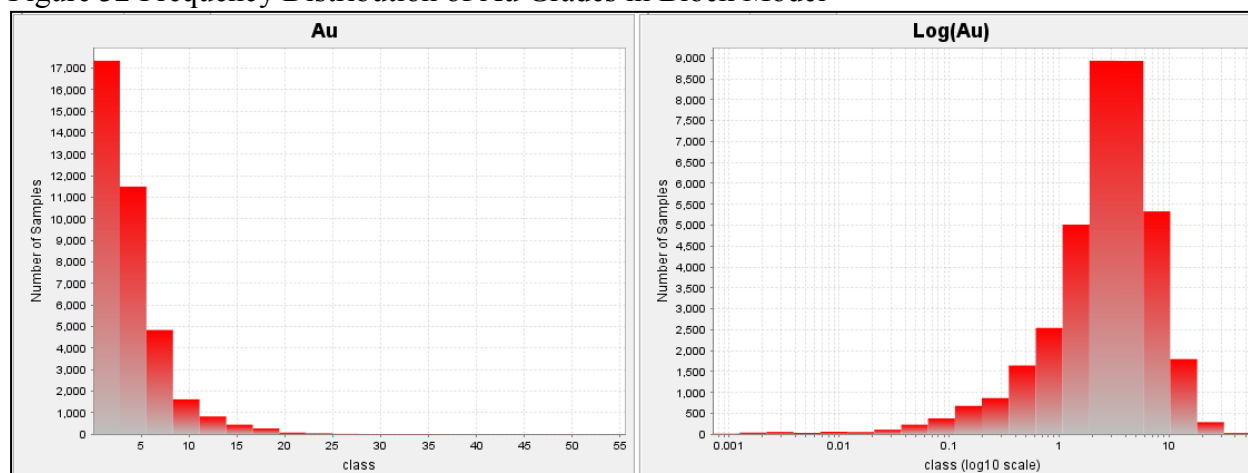
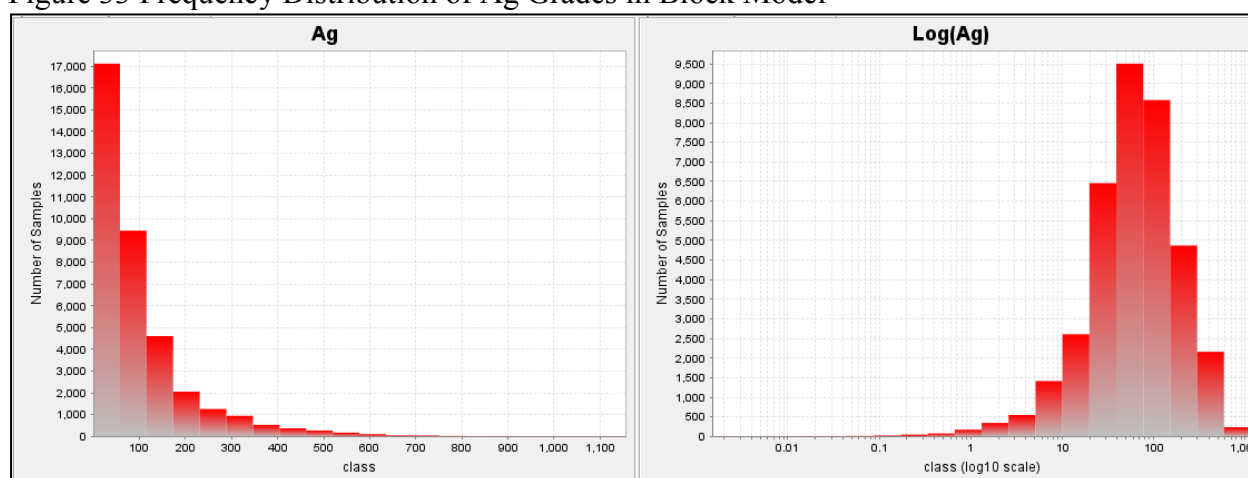


Figure 33 Frequency Distribution of Ag Grades in Block Model



### Global Bias Check

Block grades were estimated using the inverse distance ( $ID^3$ ) and the nearest neighbour ('NN') methods. A comparison of global mean values within the vein domains shows a reasonably close relationship with samples, composites and block model values at a '0' cut-off grade (Table 31).

Table 31: Global Mean Grade Comparison

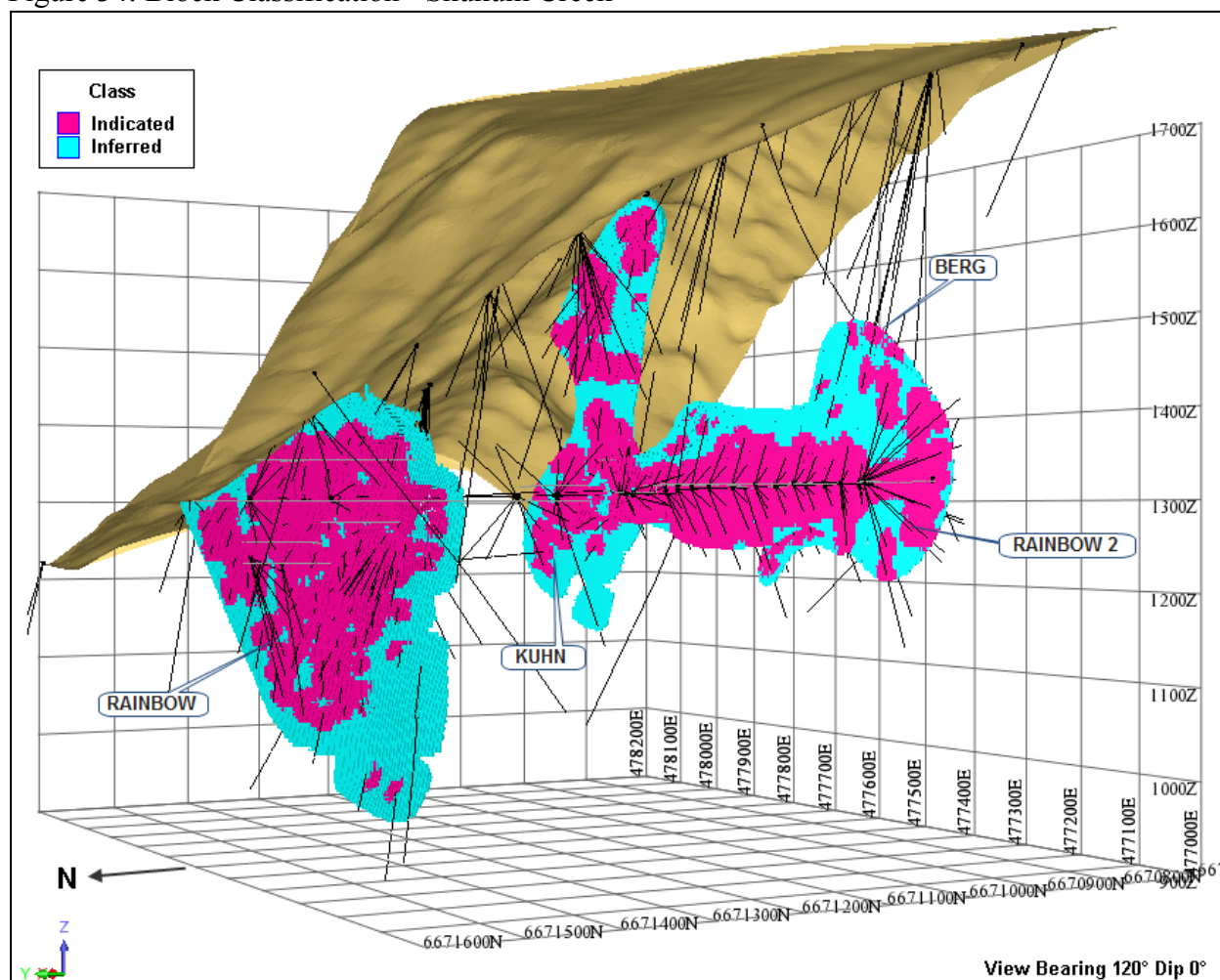
	Au g/t					Ag g/t				
	Rainbow2	Berg	Kuhn	Rainbow	All	Rainbow2	Berg	Kuhn	Rainbow	All
Samples (Wt Avg)	6.46	6.91	5.20	4.99	5.47	76	109	76	189	141
Samples Capped	6.07	4.70	4.04	4.15	4.60	73	91	65	180	133
Composites	6.09	5.59	4.74	4.89	5.26	72	98	68	186	134
Composites Capped	5.73	4.27	3.63	4.07	4.17	69	82	59	177	126
ID <sup>3</sup> Model	5.24	3.16	2.98	4.25	4.06	74	79	56	141	97
Nearest Neighbour	5.71	2.91	2.82	4.17	4.03	75	77	54	145	110

### Resource Classification

Resource classifications used in this study conform to the definition from NI43-101 quoted in Section 14.2.1, Resource Classification.

Blocks were assigned to the ‘Indicated’ category if they were estimated in the first or second pass using composites from at least 2 drill holes or sample lines and were within 18 metres of the closest composite. All other estimated blocks were assigned to the ‘Inferred’ category. The distribution of Indicated and Inferred blocks is illustrated in Figure 34.

Figure 34: Block Classification - Skukum Creek



### Mineral Resources

The following tables present the mineral resource estimate for the Skukum Creek Deposit at a range of cut-off grades with the base case highlighted. The selected base case cut-off grade of 3.0 g/t gold equivalent is considered to be generally consistent with the economic cut-off for other mineral deposits of similar characteristics, scale and location (US\$1,300 per ounce Au and US\$26 per ounce Ag). The gold equivalent formula used was  $AuEQ = Au + Ag * 0.02$ . The effective date of the estimate is July 16, 2012.

The mineral resource estimate is quite sensitive to metal prices. There are no other known factors or issues that materially affect the estimate other than normal risks faced by mining projects in the province in terms of environmental, permitting, taxation, socio-economic, marketing and political factors. There are no known legal or title issues that would materially affect the mineral resource estimate.

Table 32: Indicated Mineral Resource – Skukum Creek

COG g/t AuEQ	Tonnes	Au g/t	Ag g/t	AuEQ g/t	oz Au	oz Ag	oz AuEQ
1.0	1,416,600	4.55	130.0	7.16	207,300	5,929,100	325,900
1.5	1,339,100	4.77	136.0	7.50	205,400	5,867,300	322,800
2.0	1,252,600	5.02	143.0	7.89	202,300	5,777,300	317,900
2.5	1,167,800	5.28	151.0	8.30	198,300	5,671,500	311,800
3.0	1,086,800	5.54	159.0	8.72	193,700	5,547,600	304,600
3.5	1,008,900	5.81	167.0	9.14	188,400	5,407,500	296,500
4.0	930,900	6.09	175.0	9.59	182,200	5,246,400	287,100
4.5	858,200	6.37	184.0	10.05	175,700	5,074,400	277,200
5.0	793,000	6.63	192.0	10.48	169,100	4,905,800	267,200

Table 33: Inferred Mineral Resource – Skukum Creek

COG g/t AuEQ	Tonnes	Au g/t	Ag g/t	AuEQ g/t	oz Au	oz Ag	oz AuEQ
1.0	758,800	3.97	89.0	5.74	96,900	2,161,600	140,100
1.5	723,700	4.13	92.0	5.96	96,000	2,135,000	138,700
2.0	679,900	4.32	96.0	6.23	94,300	2,095,100	136,200
2.5	633,500	4.52	100.0	6.52	92,100	2,037,800	132,900
3.0	586,000	4.74	105.0	6.83	89,200	1,972,700	128,700
3.5	533,900	4.98	110.0	7.18	85,400	1,890,800	123,300
4.0	474,200	5.26	117.0	7.61	80,200	1,791,400	116,100
4.5	417,400	5.58	124.0	8.07	74,900	1,668,300	108,300
5.0	365,300	5.93	131.0	8.54	69,600	1,536,400	100,400

A breakdown of the mineral resource by zone is presented in the following tables:

Table 34: Indicated Mineral Resource - Rainbow 2 Zone

COG g/t AuEQ	Tonnes	Au g/t	Ag g/t	AuEQ g/t	oz Au	oz Ag	oz AuEQ
1.0	248,600	5.78	76.0	7.30	46,200	609,300	58,400
1.5	230,300	6.17	80.0	7.78	45,700	595,600	57,600
2.0	215,300	6.52	84.0	8.20	45,200	581,400	56,800
2.5	200,200	6.90	88.0	8.65	44,400	563,900	55,700
3.0	184,100	7.33	92.0	9.17	43,400	544,000	54,300
3.5	170,900	7.71	96.0	9.63	42,400	525,900	52,900
4.0	154,100	8.25	101.0	10.27	40,800	501,200	50,900
4.5	142,200	8.67	105.0	10.78	39,600	481,200	49,300
5.0	132,100	9.06	109.0	11.23	38,500	462,600	47,700

Table 35: Inferred Mineral Resource - Rainbow 2 Zone

COG g/t AuEQ	Tonnes	Au g/t	Ag g/t	AuEQ g/t	oz Au	oz Ag	oz AuEQ
1.0	101,400	4.70	74.0	6.18	15,300	240,500	20,100
1.5	95,100	4.96	77.0	6.50	15,200	235,100	19,900
2.0	85,200	5.41	82.0	7.05	14,800	225,100	19,300
2.5	79,200	5.71	85.0	7.42	14,500	217,600	18,900
3.0	74,200	5.97	88.0	7.74	14,200	210,400	18,500
3.5	69,000	6.24	91.0	8.07	13,900	202,600	17,900
4.0	62,400	6.63	95.0	8.53	13,300	190,800	17,100
4.5	55,600	7.09	98.0	9.05	12,700	175,600	16,200
5.0	47,400	7.75	103.0	9.80	11,800	156,600	14,900

Table 36: Indicated Mineral Resource - Berg Zone

COG g/t AuEQ	Tonnes	Au g/t	Ag g/t	AuEQ g/t	oz Au	oz Ag	oz AuEQ
1.0	68,600	4.20	102.0	6.23	9,300	224,300	13,700
1.5	61,300	4.62	110.0	6.83	9,100	217,600	13,500
2.0	51,600	5.29	124.0	7.77	8,800	206,400	12,900
2.5	46,500	5.70	134.0	8.39	8,500	200,500	12,500
3.0	42,500	6.08	142.0	8.92	8,300	194,300	12,200
3.5	40,200	6.31	147.0	9.25	8,100	190,100	11,900
4.0	37,300	6.60	154.0	9.67	7,900	184,500	11,600
4.5	35,400	6.80	158.0	9.97	7,700	180,300	11,300
5.0	33,300	7.01	165.0	10.30	7,500	176,000	11,000

Table 37: Inferred Mineral Resource - Berg Zone

COG g/t AuEQ	Tonnes	Au g/t	Ag g/t	AuEQ g/t	oz Au	oz Ag	oz AuEQ
1.0	66,800	3.23	84.0	4.92	6,900	181,300	10,600
1.5	57,100	3.67	94.0	5.54	6,700	172,100	10,200
2.0	51,200	3.97	100.0	5.98	6,500	165,100	9,800
2.5	46,900	4.21	106.0	6.32	6,300	159,400	9,500
3.0	42,200	4.48	112.0	6.72	6,100	151,800	9,100
3.5	37,100	4.82	119.0	7.20	5,700	141,900	8,600
4.0	34,000	5.05	123.0	7.51	5,500	134,500	8,200
4.5	28,300	5.61	128.0	8.16	5,100	116,300	7,400
5.0	24,200	6.09	133.0	8.75	4,700	103,400	6,800

Table 38: Indicated Mineral Resource - Kuhn Zone

COG g/t AuEQ	Tonnes	Au g/t	Ag g/t	AuEQ g/t	oz Au	oz Ag	oz AuEQ
1.0	257,900	3.87	69.0	5.26	32,100	574,700	43,600
1.5	236,900	4.14	73.0	5.61	31,600	558,500	42,700
2.0	218,400	4.40	77.0	5.94	30,900	540,800	41,700
2.5	199,100	4.67	81.0	6.30	29,900	518,800	40,300
3.0	177,800	5.00	86.0	6.72	28,600	490,900	38,400
3.5	156,300	5.38	91.0	7.20	27,000	458,200	36,200
4.0	138,600	5.73	96.0	7.64	25,500	426,400	34,100
4.5	121,700	6.12	100.0	8.12	23,900	391,300	31,700
5.0	108,000	6.47	104.0	8.54	22,500	360,200	29,700

Table 39: Inferred Mineral Resource - Kuhn Zone

COG g/t AuEQ	Tonnes	Au g/t	Ag g/t	AuEQ g/t	oz Au	oz Ag	oz AuEQ
1.0	147,000	3.16	67.0	4.49	14,900	313,700	21,200
1.5	135,000	3.37	71.0	4.78	14,600	306,300	20,700
2.0	124,000	3.55	75.0	5.05	14,100	296,900	20,100
2.5	109,000	3.82	81.0	5.43	13,400	281,300	19,000
3.0	97,000	4.04	86.0	5.76	12,600	267,300	17,900
3.5	86,000	4.26	91.0	6.08	11,800	251,900	16,800
4.0	74,000	4.51	98.0	6.47	10,700	231,300	15,300
4.5	62,000	4.82	104.0	6.91	9,500	206,700	13,700
5.0	53,000	5.07	108.0	7.24	8,700	186,300	12,400

Table 40: Indicated Mineral Resource - Rainbow Zone

COG g/t AuEQ	Tonnes	Au g/t	Ag g/t	AuEQ g/t	oz Au	oz Ag	oz AuEQ
1.0	841,600	4.43	167.0	7.77	119,800	4,520,800	210,200
1.5	810,600	4.57	172.0	8.02	119,000	4,495,600	208,900
2.0	767,300	4.76	180.0	8.37	117,500	4,448,800	206,500
2.5	722,000	4.97	189.0	8.75	115,500	4,388,300	203,200
3.0	682,400	5.17	197.0	9.10	113,300	4,318,400	199,700
3.5	641,500	5.37	205.0	9.48	110,800	4,233,300	195,500
4.0	600,900	5.58	214.0	9.86	107,900	4,134,200	190,600
4.5	559,000	5.81	224.0	10.28	104,400	4,021,700	184,800
5.0	519,600	6.03	234.0	10.70	100,700	3,907,000	178,800

Table 41: Inferred Mineral Resource - Rainbow Zone

COG g/t AuEQ	Tonnes	Au g/t	Ag g/t	AuEQ g/t	oz Au	oz Ag	oz AuEQ
1.0	444,000	4.18	100.0	6.18	59,700	1,426,100	88,300
1.5	437,000	4.24	101.0	6.26	59,500	1,421,500	88,000
2.0	419,800	4.36	104.0	6.45	58,800	1,407,900	87,000
2.5	398,700	4.52	108.0	6.67	57,900	1,379,500	85,500
3.0	372,700	4.70	112.0	6.94	56,300	1,343,100	83,200
3.5	341,800	4.92	118.0	7.28	54,100	1,294,400	80,000
4.0	304,100	5.19	126.0	7.71	50,700	1,234,800	75,400
4.5	271,900	5.45	134.0	8.12	47,600	1,169,600	71,000
5.0	240,400	5.75	141.0	8.57	44,400	1,090,100	66,200

### Comparison with Historical Estimate

The 2012 GeoSim block model inventory, at a 3 g/t Au equivalent cut-off grade, is 1,673,000 tonnes at 8.06 g/t Au equivalent. The 2007 Minetech block model inventory at 3 g/t Au equivalent cut-off grade amounted to 1,471,000 tonnes at 9.30 g/t Au equivalent.

Resource tonnage is higher in the GeoSim estimate, but the overall grade in terms of Au equivalent has dropped by approximately 13%. Grade capping differences between the resource estimates are a probable source of the discrepancy. Tonnage increases are mainly due to deep drilling by New Pacific. Gains here were offset by changes in the constraining wireframe, particularly noted in the upper portion of the Kuhn Zone where Minetech included a splay structure in this zone, but was excluded from the GeoSim wireframe.

Another variable in the resource estimate is the inclusion of the results of the TLG drilling and underground sampling in the Berg and Rainbow 2 Zones which was completed following the 2007 resource update by Minetech.

### 14.2.3 Goddell Gully

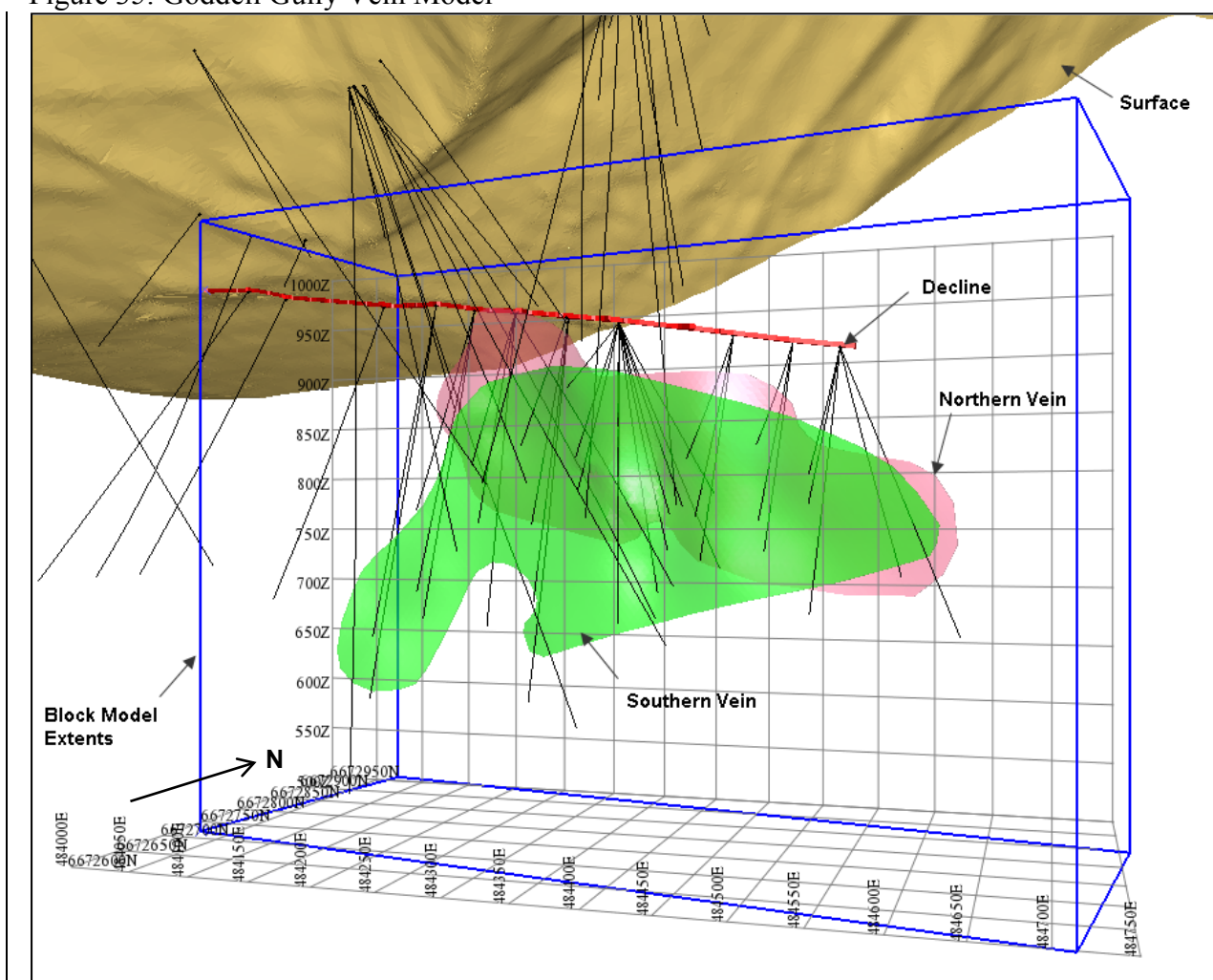
#### Geologic Model, Domains and Coding

Drilling and sampling at Goddell Gully has outlined two sub-parallel vein structures extending up to 500 metres along strike towards an azimuth of 100° and dipping vertical to sub-vertical, ranging in elevation from 612 to 938 metres.

Silver content was not used in the Goddell Gully resource model as the grades were insignificant with samples averaging less than 5 g/t Ag and silver assays were incomplete.

The two sub-parallel vein zones were modeled in Leapfrog3d software using a minimum horizontal width of 1.5 metres. The model is illustrated in Figure 35.

Figure 35: Goddell Gully Vein Model



#### Available Data

The drilling database summary for the Goddell Gully area is presented in Tables 42 and 43. A total of 5,824 samples were assayed for Au and 4,909 for Ag. About 15% of the 1998 sampled intervals were assayed for Ag. The 1990 drill results did not include Ag assays.

Table 42: Goddell Gully Database - Surface Drilling Summary

Series	Year Completed	Company	Holes Drilled	Total metres	Intervals Assayed	Metres Assayed
87-PG/PGE	1987	Skukum Gold	11	2,857.21	952	1,088.76
88-PG	1988	Skukum Gold	4	1,976.33	310	370.48
90-GT	1990	Skukum Gold	7	1,573.08	601	1,016.51
95-	1995	Omni	5	2,855.40	470	440.68
GG03	2003	TLG	3	974.74	368	495.78
GG11-01 to 10	2011	NUX	7	3,162.12	928	897.61
Total			37	13,398.88	3,629	4,309.82

Table 43: Goddell Gully Database - Underground Drilling Summary

Series	Year Completed	Company	Holes Drilled	Total metres	Intervals Assayed	Metres Assayed
96-28 to 30	1996	Omni	3	721.77	212	283.51
97-31 to 67	1997	Omni	37	8,519.41	1,983	2,495.51
Total			40	9,241.18	2,195	2,779.02

The mean width of all the Goddell Gully drill sample intervals was 1.27 metres with the most common interval set at 1.0 metres.

A decline was driven in 1996 for drill access but underground development did not intersect the zones.

### Exploratory Data Analysis

Basic statistics for Au are shown in Table 44. Silver grades within the Goddell Gully vein models averaged 3 g/t Ag and are not considered economically significant.

Table 44: Sample Statistics - Au

	Vein 1	Vein 2	Combined
n	296	221	517
Min	0.001	0.001	0.001
Max	74.709	59.623	74.709
Mean	7.243	5.157	6.352
Wt Avg	6.753	5.127	6.048
Median	3.266	1.303	2.434
Var	144.929	88.954	121.850
Std Dev	12.039	9.432	11.039
CV	1.66	1.83	1.74

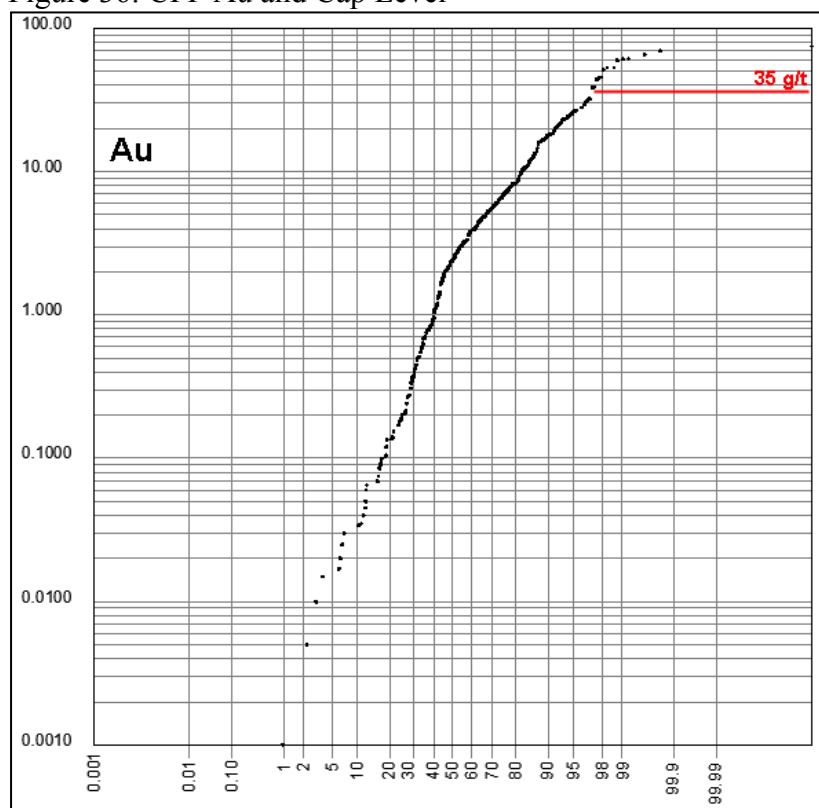
### Evaluation of Outlier Grades

Before compositing, grade distribution in the raw sample data was examined to determine if grade capping or special treatment of high outliers was warranted. Cumulative log probability plots were examined for outlier populations and decile analyses was performed for Au within the vein domains.

The upper decile for Au contained 47% of the contained metal and the upper two centiles were both close to the 10% level.

The CPP plot showed a marked break point around 35 g/t Au and this level was selected as a top-cut (Figure 36). Sixteen out of 517 samples within the vein domains were capped.

Figure 36: CPP Au and Cap Level



### Compositing

Best fit downhole sample assay composites of Au were generated using a nominal 1 metre interval within the zone domains. Samples were capped prior to compositing at 35 g/t Au. Statistics for composites are summarized in Table 45. Compositing and grade capping reduced the coefficient of variation (“CV”) for Au from 1.74 in the uncapped raw sample data to 1.48 in the capped composite population. Although this is still considered quite high, it is not unusual for precious metal deposits and is a considerable improvement over the CV of the initial sample intervals. GeoSim is of the opinion that the CV is low enough to support a mineral resource estimate.

Table 45: Composite Statistics

	South Vein	North Vein	Combined
n	324	268	592
Min	0.000	0.000	0.000
Max	35.000	35.000	35.000
Mean	6.095	4.476	5.362
Median	3.869	1.997	3.046
Var	52.679	45.862	50.160
Std Dev	7.258	6.772	7.082
CV	1.19	1.51	1.32

### Bulk Density Data

A total of 22 samples of vein material from the Goddell Gully mineralized zones were measured for bulk density in 2011. The average value of 2.77 g/cm<sup>3</sup> was used for converting volume to tonnes in the resource estimate.

### Variography

Directional variograms in the plane of the mineralized zone showed no significant trends or anisotropy. The maximum model range was 24 metres and the nugget value was 39% of the total sill for Au.

### Model Setup and Limits

A rotated block model was created in Gemcom-Surpac Vision© software using a block size 5 x 1.5 x 5 metres with sub-blocking enabled to 2.5 x 0.75 x 2.5 metres. Block model extents and orientation are summarized in Table 46. The limits are illustrated in Figure 37.

Table 46: Block Model Parameters - Goddell Gully

	East	North	Elev
Origin	484020	6672720	500
Extent	705	252	505
Rotation			10°
Block Size	5	1.5	5
Sub-block	2.5	0.75	0.25
Blocks	141	168	101

### Interpolation Parameters

Au grades within the vein domains were estimated in three passes using the inverse distance weighting method to the third power (ID<sup>3</sup>). Search parameters are presented in Table 47. Grade distribution is illustrated in Figures 37 and 38.

Table 47: Search Parameters - Goddell Gully Grade Estimation

Pass	Search Dist (m)			Min # Composites	Max # Composites	Max per Hole	Topcut g/t Au
	Major Axis	Semi-Major Axis	Minors Axis				
1	25	25	5	5	12	4	35
2	50	50	10	4	16	3	35
3	62.5	63	13	3	16	-	35

Figure 37: Block Grade Distribution - Southern Vein

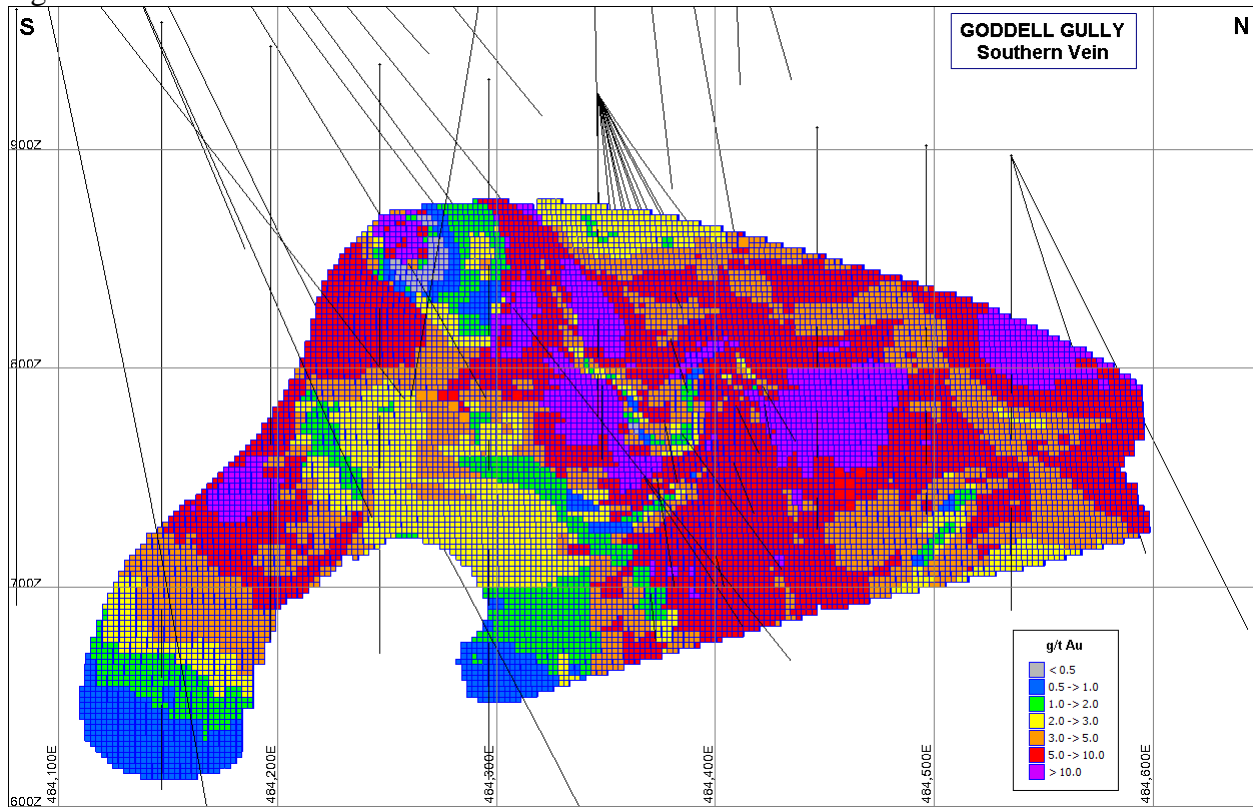
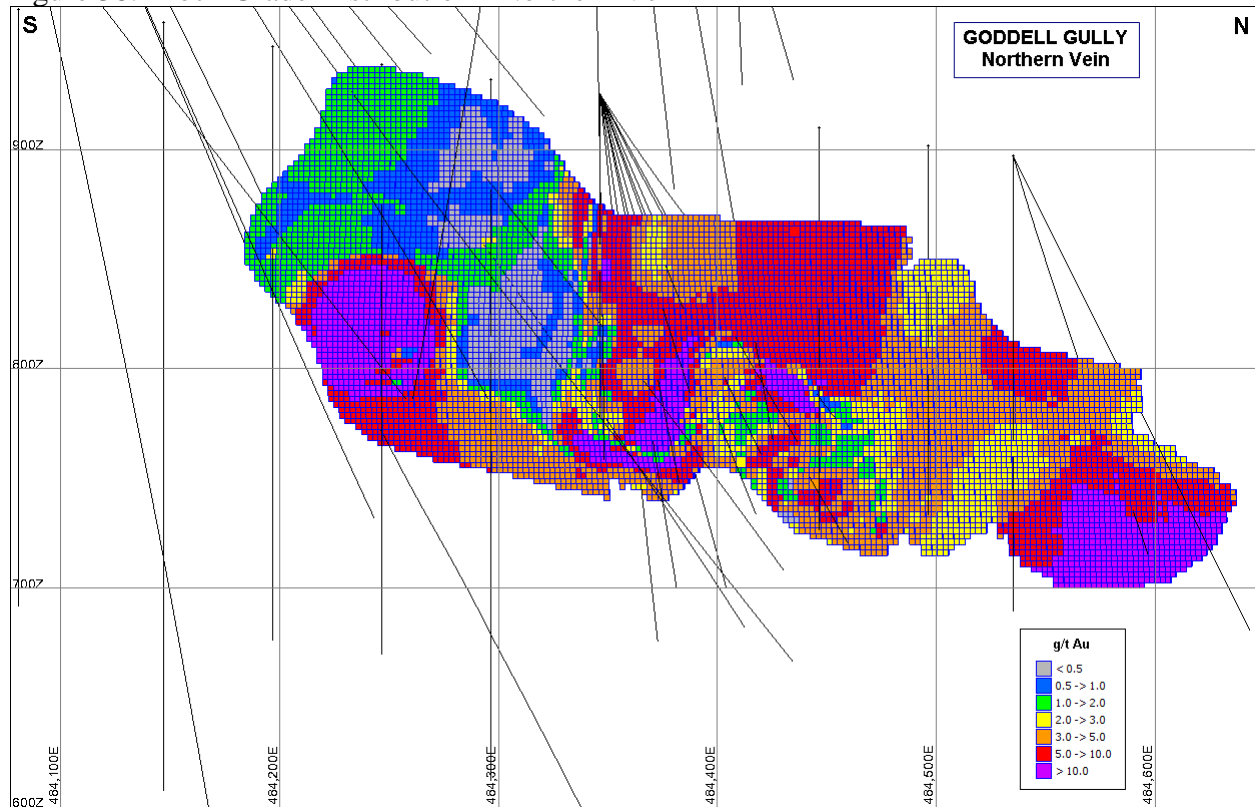


Figure 38: Block Grade Distribution - Northern Vein



## Validation

### *Visual Inspection*

Model verification was initially carried out by visual comparison of blocks and sample grades in plan and section views. The estimated block grades showed reasonable correlation with adjacent composite grades.

### *Global Bias Check*

Block grades were estimated using the inverse distance ( $ID^3$ ) and the nearest neighbour ('NN') methods. A comparison of global mean values within the vein domains shows a reasonably close relationship with samples, composites and block model values at a '0' cut-off grade (Table 48).

Table 48: Global Mean Grade Comparison

Source	Au g/t
Samples (Wt Avg)	6.35
Samples Capped	5.69
Composites	5.90
Composites Capped	5.36
ID <sup>3</sup> (Indicated Blocks)	6.42
NN (Indicated Blocks)	7.33
ID <sup>3</sup> (All Blocks)	6.02
NN (All Blocks)	6.87

### Resource Classification

Resource classifications used in this study conform to the definition from NI43-101, as quoted in Section 14.2.1, Resource Classification.

Blocks were assigned to the ‘Indicated’ category if they were estimated in the first or second pass using composites from at least 2 drill holes or sample lines and were within 18.75 metres of the closest composite (3/4 of the maximum variogram range). All other estimated blocks were assigned to the ‘Inferred’ category. The distribution of Indicated and Inferred blocks is illustrated in Figures 39 and 40.

Figure 39: Block Classification - Southern Vein

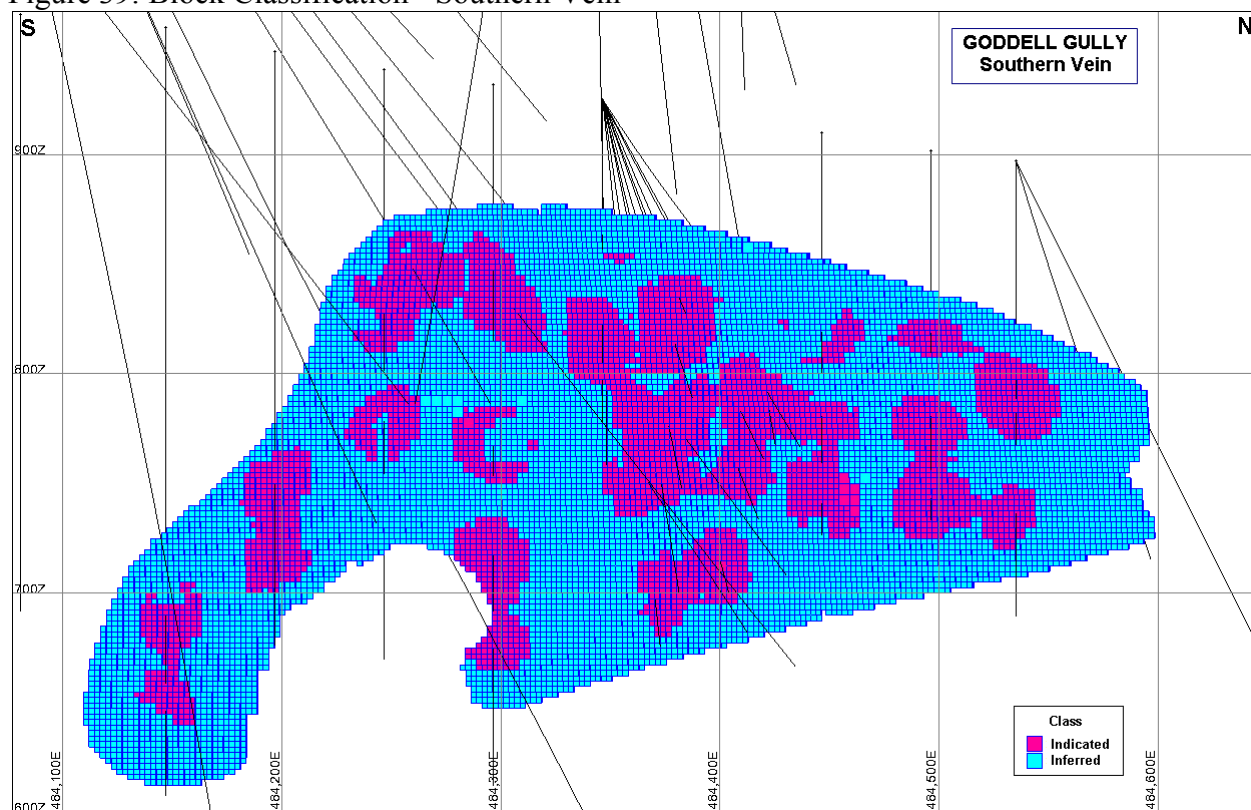
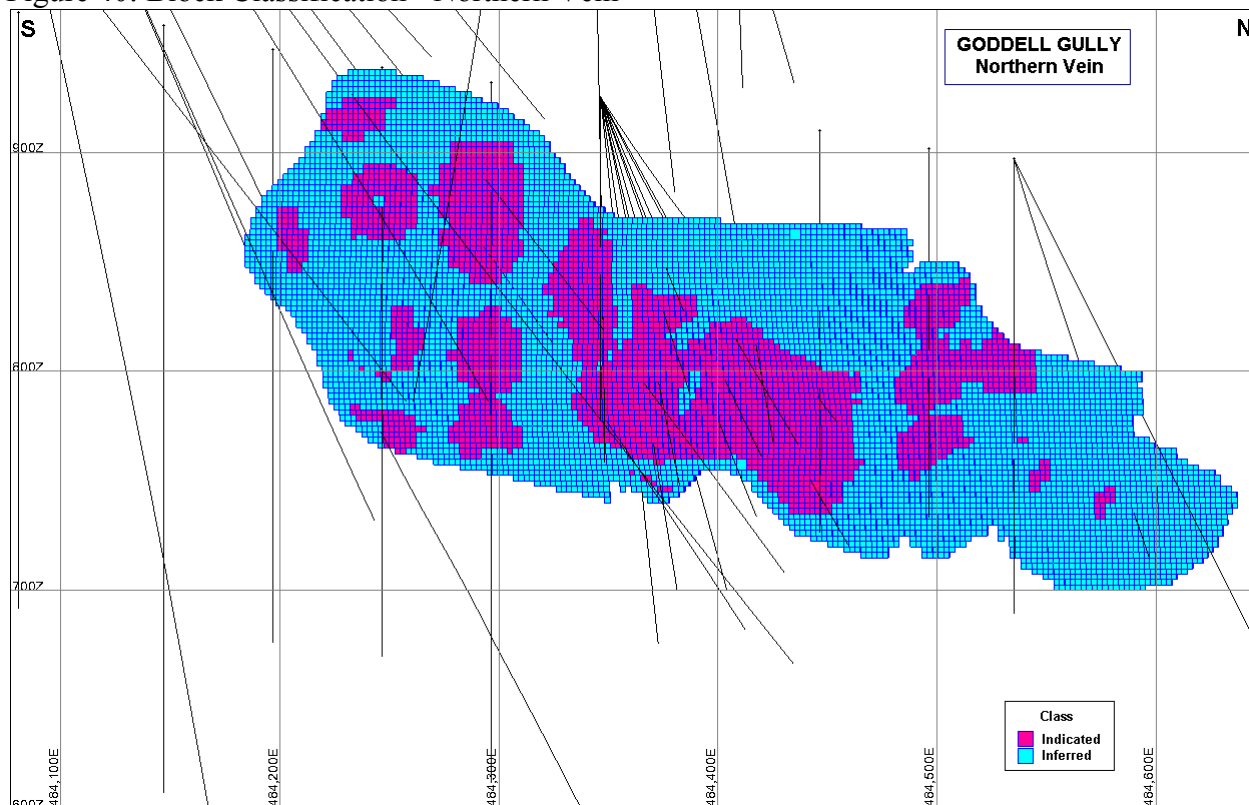


Figure 40: Block Classification - Northern Vein



### Mineral Resources

The following tables present the mineral resource estimate for the Goddell Gully deposit at a range of cut-off grades with the base case highlighted. The selected base case cut-off grade of 3.0 g/t gold is considered to be generally consistent with the economic cut-off for other mineral deposits of similar characteristics, scale and location (US\$1,300 per ounce Au). The effective date of the estimate is July 16, 2012.

Table 49: Indicated Mineral Resource – Goddell Gully

COG g/t Au	Indicated		
	Tonnes	Au g/t	oz Au
1.0	415,200	6.92	92,337
1.5	399,800	7.13	91,703
2.0	379,200	7.40	90,218
2.5	354,800	7.75	88,448
3.0	329,700	8.13	86,210
3.5	299,900	8.62	83,126
4.0	277,000	9.02	80,355
4.5	254,500	9.44	77,274
5.0	227,200	10.01	73,105

Table 50: Inferred Mineral Resource – Goddell Gully

COG g/t Au	Inferred		
	Tonnes	Au g/t	oz Au
1.0	616,600	6.07	120,362
1.5	588,200	6.29	118,918
2.0	565,400	6.46	117,486
2.5	529,700	6.75	114,915
3.0	483,900	7.13	110,867
3.5	441,000	7.50	106,385
4.0	401,400	7.87	101,604
4.5	365,400	8.23	96,681
5.0	328,000	8.62	90,933

### Comparison with Historical Estimate

The 2012 GeoSim block model inventory, at a 3 g/t Au cut-off grade, is 813,600 tonnes at 7.54 g/t Au. The 2003 Minetech block model inventory, at 3 g/t Au cut-off grade, was 750,000 tonnes at 8.88 g/t Au.

The GeoSim tonnage is 8% greater than the Minetech figure but does show a drop in overall average grade of about 15% at a 3 g/t Au cut-off grade. By comparing with an uncapped estimate it is concluded that about 10% of the difference is directly due to grade capping and 5% due to diluting unsampled intervals within the minimum width of 1.5 metres. Above a 4 g/t Au cut-off grade the difference appears to be mainly attributable to capping.

There are also differences in the interpretation of the extent of mineralization reflected in changes to the constraining wireframe between the 2003 estimate and the current estimate.

## 15.0 ENVIRONMENTAL STUDIES, PERMITTING, AND SOCIAL OR COMMUNITY IMPACT

New Pacific received a five year exploration permit valid from February 23, 2012 to February 22, 2017 known as a “Mining Land Use Approval,” under the *Quartz Mining Act*, Yukon, Canada. The approval is subject to adhering to Mining Land Use Operational Guidelines, *Quartz Mining Act* Operating Conditions, as well as the determination and account of security for reclamation (New Pacific news release, February 27, 2012).

The exploration permits allows the following activities:

- up to 60,000 metres of surface and underground drilling;
- up to 9,600 m<sup>3</sup> of sampling and trenching;
- up to the 200,000 tonnes of rock excavation during the period, of which 100,000 tonnes may be mined in any single year;

- construction of 10 kilometres of new single lane surface roads and an additional nine kilometres of drill trails; and,
- up to a 50 person camp operating year round.

## 16.0 ADJACENT PROPERTIES

On the eastern boundary of the Property are claims held by Gold World Resources as part of their Mt. Anderson Yukon gold-silver project. These claims cover a series of geochemical anomalies and several historically known gold-bearing skarns. A 436 kilogram bulk sample was collected from a trench and submitted for analysis. The average grade returned is reported as 14.3 g/t Au, 860 g/t Ag, 21.2% Pb, 8.42% Zn, 0.50% Cu and 16.4% S (Lahti, 2012).

The author has not verified this information. The style of mineralization on this property differs from the style of mineralization found at Mt. Skukum (Lake Zone), Skukum Creek and Goddell Gully.

## 17.0 INTERPRETATION AND CONCLUSIONS

The 254.8 km<sup>2</sup> Skukum property, located approximately 55 kilometres south of Whitehorse, Yukon Territory on NTS map sheet 105D03, encompasses three known gold deposits including the past-producing Mt. Skukum gold mine, the Skukum Creek gold-silver deposit, and the Goddell Gully gold deposit.

The Skukum property area is situated in the Intermontane Superterrane (or Intermontane Belt) of the Canadian Cordillera, with the oldest rocks represented by Paleozoic gneiss, assigned to the Nisling Terrane, and Jurassic andesitic volcanic and siliciclastic sedimentary rocks of the Stikine Terrane and Whitehorse Trough overlap assemblage. The older rocks were intruded by late Triassic or early Jurassic K-feldspar megacrystic Bennett Granite, and then by Cretaceous intrusions of the Coast Plutonic Complex including the most abundant Whitehorse plutonic suite (116 to 119 Ma), locally represented by the Mt. McNeil granodiorite pluton and associated rocks. The final igneous episode is represented by Tertiary volcanic and subvolcanic rocks.

Verification samples collected by CME confirmed the presence of gold and silver mineralization with comparable grades to those reported historically for the Lake Zone and for samples collected by New Pacific during the 2011 diamond drilling exploration.

These estimates were completed prior to New Pacific Metals Corp. involvement in the Skukum Project and are historical estimates as defined by NI43-101.

Historical resource estimates have been completed on all three deposits prior to New Pacific's involvement with the Property. A reserve estimate at Mt. Skukum (Lake Zone) was performed in 1988 but it is not believed that this estimate would meet current industry standards or definitions. The most recent estimates for Skukum Creek (2003, and updated in 2007) and Goddell Gully (2003)

were carried out in accordance to industry best practices and disclosed in compliance with NI43-101.

Current resource estimates for the Lake Zone (at Mt Skukum), Skukum Creek and Goddell Gully have been prepared using all available exploration data, up to and including the results of New Pacific's 2011 exploration program.

### **17.1.1 Mt. Skukum (Lake Zone)**

The 2012 GeoSim mineral inventory, at a 3 g/t Au equivalent cut-off grade, consists of an Inferred Mineral Resources of 90,500 tonnes at 9.51 g/t Au equivalent. The selected base case cut-off grade of 3.0 g/t gold equivalent is considered to be generally consistent with the economic cut-off for other mineral deposits of similar characteristics, scale and location. The effective date of the estimate is July 16, 2012.

### **17.1.2 Skukum Creek**

The 2012 GeoSim resource estimate for Skukum Creek, at a 3 g/t Au equivalent cut-off grade, includes Indicated Mineral Resource of 1,086,800 tonnes at 8.72 g/t Au equivalent and Inferred Mineral Resource of 586,000 tonnes at 6.83 g/t Au equivalent. The selected base case cut-off grade of 3.0 g/t gold equivalent is considered to be generally consistent with the economic cut-off for other mineral deposits of similar characteristics, scale and location. The effective date of the estimate is July 16, 2012.

The total 2012 GeoSim block model inventory, at a 3 g/t Au equivalent cut-off grade, is 1,673,000 tonnes at 8.06 g/t Au equivalent. The total Minetech (2007) block model inventory, at 3 g/t Au equivalent cut-off grade amounted to 1,471,000 tonnes at 9.3 g/t Au equivalent. Resource tonnage is higher in the GeoSim estimate, but the overall grade in terms of Au equivalent has dropped by approximately 13%. Grade capping differences between the resource estimates are a probable source of the discrepancy. Tonnage increases are mainly due to deep drilling by New Pacific. Gains here were partially offset by changes in the constraining wireframe elsewhere due to interpretative differences.

### **17.1.3 Goddell Gully**

The 2012 GeoSim resource estimate for Goddell Gully, at a 3 g/t Au cut-off grade, includes Indicated Mineral Resource of 329,700 tonnes at 8.13 g/t Au and Inferred Mineral Resource of 483,900 tonnes at 7.13 g/t Au. The selected base case cut-off grade of 3.0 g/t gold is considered to be generally consistent with the economic cut-off for other mineral deposits of similar characteristics, scale and location. The effective date of the estimate is July 16, 2012.

The 2012 GeoSim block model inventory, at a 3 g/t Au cut-off grade, is 813,600 tonnes at 7.54 g/t Au. The 2003 Minetech block model inventory, at 3 g/t Au cut-off grade, was 750,000 tonnes at 8.88 g/t Au. The GeoSim tonnage is 8% greater than the Minetech figure but does show a drop in

overall average grade of about 15%, at a 3 g/t cut-off grade. By comparing with an uncapped estimate it is concluded that about 10% of the difference is directly due to grade capping and 5% due to diluting unsampled intervals within the minimum width of 1.5 metres. Above a 4 g/t Au cut-off grade the difference appears to be mainly attributable to capping.

## 18.0 RECOMMENDATIONS

Recommendations presented below are limited to the three deposits which were the subject of the current resource estimates. The Property does host numerous other prospects and showings as discussed in Section 6.4 that do warrant additional exploration.

### 18.1 MT. SKUKUM (LAKE ZONE)

Recommendations based upon data review for the resource estimate of Lake Zone, and the resource estimate itself, include:

1. Surface diamond drilling of the high-grade, near-surface ore shoot along strike as well as infilling of gaps in the down-dip direction of the vein. For this vein system, drill sections should be spaced on the order of 10 metres in order to reliably demonstrate continuity along section. An estimated 2,500 metres of drilling in 20 holes would be required to better assess the strike and dip continuity of the Lake Zone in this area. Sampling should be completed through the expected vein zone. Further infill holes will be required to test the down-dip expression of the host structure to increase confidence in the continuity of both structure and grades at depth.
2. Further infill sampling of key drill holes of the Lake Zone. While it is apparent that the key mineralization has been identified and sampled by previous operators, there are examples of unbracketed mineralized zones that should be addressed.
3. Completion of data entry of the historical drilling (geological and geochemical).
4. If possible, gain access to the underground workings to investigate the vein and selectively chip sample for confirmation of the higher grades.

Table 51: Proposed Exploration Budget, Mt Skukum

Activity	Estimated Cost
Diamond drilling (2,500 metres)	625,000
Core Relogging/Infill Sampling	25,000
Surveying	5,000
Rock sampling (100 samples)	5,000
Contingency	40,000
<b>TOTAL</b>	<b>CDN\$ 700,000</b>

## 18.2 SKUKUM CREEK

Recommendations based upon data review for the resource estimate of Skukum Creek and the resource estimate itself include:

1. Drill holes from 2007 and 2008 (SC07-series) should be surveyed at collar, and, at minimum, an initial azimuth and dip measurement of the drill hole should be determined. The latter can be completed by inserting a down-hole survey instrument in the drill hole, provided the hole can be identified and remains open.
2. Re-survey of the workings in the Rainbow 2 and Berg Zones should be carried out to determine the source of the apparent error in underground survey point 07-57. If the reported coordinate for that station is in fact correct, the location and dimensions of the underground workings in this drift may need to be recaptured.
3. Complete the inclusion of any remaining underground chip or channel sampling into the database (e.g. in the 1225 drill drift, 1300 access drift between the Rainbow Zone and Kuhn Zone). This is a matter of completeness of the underground sampling database as results for these areas were not significant and would be unlikely to impact future resource modeling.
4. Current resource modeling of the Kuhn Zone excluded the mineralized splay near surface which was included in previous modelling. Downhole survey control of the historical drilling was limited to non-existent. Several drill holes with accurate surface and down-hole survey control should be planned to twin historical drill holes in this area which and would increase confidence in the nature and continuity of the structures and grades. Drilling would be from surface and would require a helicopter moveable drill and rehabilitation of the historical drill pads. An estimated 1,000 metres of drilling is proposed from two drill pads.
5. The Rainbow Zone remains open at depth and diamond drilling is recommended to test the down-dip potential. Coupled with this, infill drilling will be required to increase confidence of the current resource estimate and strengthen the interpretation of the mineralized zones. At least 4,000 metres of diamond drilling is recommended.

The existing underground workings are very limited as a useful base to undertake this drilling. The existing decline could be extended to the 1,150 metre level where diamond drilling stations can be established in a footwall drift. These drill stations should be at least fifty metres into the footwall rocks to ensure a higher incidence angle between the drill holes and the shear zone.

Alternatively, a new portal and ramp could be driven to the 1,100 metre elevation from the Wheaton River valley near the confluence of Skukum Creek. This would afford an excellent platform to test the lower reaches (below 1,100 metres) of the Rainbow Zone. This option also has an advantage in that it would be a necessary component of any future mining scenario. Studies have previously been carried out by TLG (e.g. Laxey Mining, 2004) with respect to this option as well. The following proposed budget covers drilling costs only.

Table 52: Proposed Exploration Budget, Skukum Creek

Activity	Estimated Cost
Kuhn Zone Surface Drilling 1,000 metres	250,000
Rainbow Zone Underground Drilling: 4,000 metres	1,000,000
Surveying	5,000
Contingency	75,000
<b>TOTAL</b>	<b>CDN \$1,330,000</b>

### 18.3 GODDELL GULLY

Recommendations based upon data review for the resource estimate of Goddell Gully and the resource estimate itself, include:

1. The remaining Goddell Gully drill core should be completely sampled through the shear zone as defined by the current resource model. Although no significant additional gold mineralization is expected, this will allow for more comprehensive modeling of the lower grade material within the Goddell shear zone.
2. Related to (1), infill core samples collected by New Pacific reported intervals that did not exactly adjoin historical samples, leaving small (30 cm or less) gaps of unsampled material. These infill sample intervals should be inspected to see whether they are actually continuous with historical samples, and if so, adjust the sample interval accordingly.
3. Drill holes GG04-3 and GG04-4 should be located and surveyed at collar, and if possible, down hole. These drill holes were excluded from the current resource database. This is a matter of completeness of the drill database as results for these drill holes were not significant and would be unlikely to impact future resource modeling.
4. The Goddell Gully deposit remains open at depth as well as along strike to the east. Further drilling is recommended to test these areas of the deposit. Furthermore, infill drilling will be required to increase confidence of the current resource estimate as well as strengthen the interpretation of the mineralized zones. However, this drilling would be contingent upon successful rehabilitation and extension of the existing Goddell decline, or possibly a new decline. Drilling from surface to the target depths requires long and tangentially oriented drill holes. New Pacific drilling during 2011 demonstrated that such surface drilling can be problematic from a technical standpoint, as only two of the seven drill holes successfully encountered the target mineralization.

If the existing decline can be rehabilitated, additional work should include surveying of all available underground drill holes at collar, as well as verifying the initial starting azimuth and dip. If the drill holes are still open at depth an attempt should be made to survey their down-hole extents.

The quantity of any new drilling would be dependant upon the extent of the available underground access. Therefore the proposed drill costs are not presented in the proposed exploration budget.

Table 53: Proposed Exploration Budget, Goddell Gully

Activity	Estimated Cost
Core Resampling (500 metres @ 1.5 metre per sample)	25,000
Surveying (surface and downhole)	2,500
<b>TOTAL</b>	CDN \$27,500

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- News release: August 30, 2007
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## 20.0 SIGNATURE PAGE AND CERTIFICATES

The effective date of this Technical Report, entitled “Technical Report, Skukum Gold-Silver Project” is July 16, 2012. Signed by:

*Original document signed by  
Christopher O. Naas, P.Geol.*

*July 30, 2012*

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Christopher O. Naas, P.Geol.  
CME Consultants Inc.

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Date

*Original document signed by  
Ronald G. Simpson, P.Geol.*

*July 30, 2012*

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Ronald G. Simpson, P.Geol.  
GeoSim Services, Inc.

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Date

## CERTIFICATE

I, Christopher O. Naas, *P.Geo.*, do hereby certify that:

1. I am President of CME Consultants Inc. with a business address of #2130-21331 Gordon Way, Richmond BC, V6W 1J9;
2. This certificate applies to the technical report titled “Technical Report, Skukum Gold-Silver Project”, dated July 16, 2012 (the “Technical Report”);
3. I am a graduate in geology of Dalhousie University (*B.Sc.*, 1984); and have practiced in my profession continuously since 1987. I have been involved in mineral exploration for precious and/or base metals in Canada, United States of America, Chile, Venezuela, Ghana, Mali, Nigeria, and Democratic Republic of the Congo (Zaire); for diamonds in Venezuela; and for rare metals in Nigeria. I have also been involved in the determination of base metal and gold resources for properties in Canada and Ghana, respectively, and the valuation of properties in Canada and Equatorial Guinea;
4. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (Registration Number 20082);
5. I visited the Skukum Property from February 14 to February 16, 2012 to obtain samples as part of the data verification program;
6. I am responsible for all sections of the Technical Report other than Section 14.0;
7. I am a “Qualified Person” for purposes of National Instrument 43-101 (the “Instrument”);
8. I am independent of New Pacific Metals Corp. as defined by Section 1.5 of the Instrument;
9. I have been previously involved in exploration of the Property between 1999 to 2007 that is the subject of the Technical Report;
10. I have read the Instrument, and the sections of the Technical Report for which I am responsible have been prepared in compliance with the Instrument; and;
11. As of the effective date of the Technical Report, to the best of my knowledge, information and belief, the sections of the Technical Report for which I am responsible for preparing contain all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Signed and dated at Richmond, British Columbia, this 30<sup>th</sup> day of July, 2012.

*Original document signed by  
Christopher O. Naas, P.Geo.*

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Christopher O. Naas, *P.Geo.*  
President  
CME Consultants Inc.

## CERTIFICATE

I, Ronald G. Simpson, *P.Geo.*, of Vancouver, British Columbia, do hereby certify:

1. I am the President of GeoSim Services Inc., with a business address at 1975 Stephens St., Vancouver, British Columbia, V6K 4M7;
2. This certificate applies to the technical report titled “Technical Report, Skukum Gold-Silver Project”, dated July 16, 2012 (the “Technical Report”);
3. I graduated with an Honours Degree of Bachelor of Science in Geology from the University of British Columbia in 1975;
4. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (License No. 19513);
5. My relevant experience includes 37 years’ experience in mining and mineral exploration and 25 years’ experience in mineral resource estimation;
6. I am responsible for Section 14 of the Technical Report;
7. I am a “Qualified Person” for purposes of National Instrument 43-101 (the “Instrument”);
8. I am independent of New Pacific Metals Corp. as defined by Section 1.5 of the Instrument;
9. I have no prior involvement with the Property that is the subject of the Technical Report;
10. I have read the Instrument and the sections of the Technical Report for which I am responsible have been prepared in compliance with the Instrument; and,
11. As of the effective date of the Technical Report, to the best of my knowledge, information and belief, the sections of the Technical Report for which I am responsible for preparing contain all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Signed and dated at Vancouver, British Columbia, this 30<sup>th</sup> day of July, 2012

*Original document signed by  
Ronald G. Simpson, P.Geo*

---

Ronald G. Simpson, *P.Geo.*  
President  
GeoSim Services, Inc.

## **APPENDIX I**

### **ABBREVIATIONS AND CONVERSION FACTORS**

## ABBREVIATIONS

<b>Elements</b>		<b>Abbreviations</b>	
Ag	Silver	Az	azimuth
As	Arsenic	CDN\$	Canadian dollars
Au	Gold	COG	Cut-off grade
Ba	Barium	ppm	parts per million
Cd	Cadmium	ppb	parts per billion
Cu	Copper	g/t	grams per metric tonne
Mo	Molybdenum	oz/T	troy ounces per ton
Pb	Lead	t	metric tonnes
Sb	Antimony	T	Imperial short tons
Ti	Titanium	tpd	metric tonnes per day
Zn	Zinc	Eq. Au	Gold equivalent
		UTM	Universal Transverse Mercator
		NAD83	North American Datum 1983
		° / ' / "	degree/minute/second of arc

## CONVERSION FACTORS

<b>Length</b>			
1 millimetre (mm)	0.03937 inches (in)	1 inch (in)	25.40 millimetre (mm)
1 centimetre (cm)	0.394 inches(in)	1 inch (in)	2.540 centimetres (cm)
1 metre (m)	3.281 feet (ft)	1 foot (ft)	0.3048 metres (m)
1 kilometre (km)	0.6214 mile (mi)	1 mile (mi)	1.609 kilometres (km)
<b>Area</b>			
1 sq. centimeter (cm <sup>2</sup> )	0.1550 sq. inches (in <sup>2</sup> )	1 sq inch (in <sup>2</sup> )	6.452 sq. centimetres (cm <sup>2</sup> )
1 sq. metre (m <sup>2</sup> )	10.76 feet (ft <sup>2</sup> )	1 foot (ft)	0.0929 sq. metres (m <sup>2</sup> )
1 hectare (ha) (10,000 m <sup>2</sup> )	2.471 acres	1 acre	0.4047 hectare (ha)
1 hectare (ha)	0.003861 sq. miles (m <sup>2</sup> )	1 sq. mile (m <sup>2</sup> )	640 acres
1 hectare (ha)	0.01 sq. kilometre (km <sup>2</sup> )	1 sq. mile (m <sup>2</sup> )	259.0 hectare (ha)
1 sq. kilometre (km <sup>2</sup> )	0.3861 sq. miles (mi <sup>2</sup> )	1 sq. mile (m <sup>2</sup> )	2.590 sq. kilometres (km <sup>2</sup> )
<b>Volume</b>			
1 cu. centimetre (cc)	0.06102 cu. inches (in <sup>3</sup> )	1 cu. inch (in <sup>3</sup> )	16.39 cu. centimetres (cm <sup>3</sup> )
1 cu. metre (m <sup>3</sup> )	1.308 cu. yards (yd <sup>3</sup> )	1 cu. yard (yd <sup>3</sup> )	0.7646 cu. metres (m <sup>3</sup> )
1 cu. metre (m <sup>3</sup> )	35.310 cu. feet (ft <sup>3</sup> )	1 cu. foot (ft <sup>3</sup> )	0.02832 cu. metres (m <sup>3</sup> )
1 litre (l)	0.2642 gallons (U.S.)	1 gallon (U.S.)	3.785 litres (l)
1 litre (l)	0.2200 gallons (U.K.)	1 gallon (U.K.)	4.546 litres (l)
<b>Weights</b>			
1 gram (g)	0.03215 troy ounce (20dwt)	1 troy ounce (oz)	31.1034 grams (g)
1 gram (g)	0.6430 pennyweight (dwt)	1 pennyweight (dwt)	1.555 grams (g)
1 gram (g)	0.03527 oz avoirdupois	1 oz avoirdupois	28.35 grams (g)
1 kilogram (g)	2.205 lb avoirdupois	1 lb avoirdupois	0.4535 kilograms (kg)
1 tonne (t) (metric)	1.102 tons (T) (short ton)	1 ton (T) (short ton) (2000 lb)	0.9072 tonnes (t)
1 tonne (t)	0.9842 long ton	1 long ton (2240 lb)	1.016 tonnes (t)
<b>Miscellaneous</b>			
1 cm/second	0.01968 ft/min	1 ft/min	50.81 cm/second
1 cu. m/second	22.82 million gal/day	1 million gal/day	0.04382 m <sup>3</sup> /second
1 cu. m/minute	264.2 gal/min	1 gal/min	0.003785 m <sup>3</sup> /minute
1 g/cu. m	62.43 lb/ cu. ft	1 lb/cu. ft <sup>3</sup>	0.01602 g/m <sup>3</sup>
1 g/cu. m	0.02458 oz/cu. yd	1 oz/cu. yd	40.6817 g/m <sup>3</sup>
1 Pascal (Pa)	0.000145 psi	1 psi	6985 Pascal
1 gram/tonne (g/t)	0.029216 troy ounce/ short ton (oz/T)	1 troy ounce/short ton (oz/T)	34.2857 grams/tonne (g/t)
1 g/t	0.583 dwt/short ton	1 dwt/short ton	1.714 g/t
1 g/t	0.653 dwt/long ton	1 dwt/long ton	1.531 g/t
1 g/t	0.0001 %		
1 g/t	1 part per million (ppm)		
1 %	10,000 part per million (ppm)		
1 part per million (ppm)	1,000 part per billion (ppb)		
1 part per billion (ppb)	0.001 part per million (ppm)		

**APPENDIX II**  
**LIST OF CLAIMS**

Appendix II: List of Claims

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
<b>TAGISH LAKE GOLD CORP. CLAIMS</b>									
Whitehorse	Y 60275	Quartz	RACA	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 60276	Quartz	RACA	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 60277	Quartz	RACA	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 60278	Quartz	RACA	11	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75415	Quartz	POP	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75416	Quartz	POP	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75417	Quartz	POP	3	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75418	Quartz	POP	4	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75419	Quartz	POP	5	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75420	Quartz	POP	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75421	Quartz	POP	7	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75422	Quartz	POP	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75423	Quartz	POP	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75424	Quartz	POP	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75425	Quartz	POP	11	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75426	Quartz	POP	12	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75427	Quartz	POP	13	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75428	Quartz	POP	14	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75547	Quartz	WH	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75548	Quartz	WH	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75549	Quartz	WH	3	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	Y 75550	Quartz	WH	4	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	Y 75551	Quartz	WH	5	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	Y 75552	Quartz	WH	6	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	Y 75553	Quartz	WH	7	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	Y 75554	Quartz	WH	8	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA61199	Quartz	KUKU	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61200	Quartz	KUKU	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61201	Quartz	KUKU	3	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61202	Quartz	KUKU	4	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61203	Quartz	KUKU	5	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61204	Quartz	KUKU	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61207	Quartz	KUKU	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61208	Quartz	KUKU	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

Appendix II: List of Claims

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA61209	Quartz	KUKU	11	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61210	Quartz	KUKU	12	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61211	Quartz	KUKU	13	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61212	Quartz	KUKU	14	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61213	Quartz	KUKU	15	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61214	Quartz	KUKU	16	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61215	Quartz	KUKU	17	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61216	Quartz	KUKU	18	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61217	Quartz	KUKU	19	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61218	Quartz	KUKU	20	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61219	Quartz	KUKU	21	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61221	Quartz	KUKU	23	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61222	Quartz	KUKU	24	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61223	Quartz	KUKU	25	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61224	Quartz	KUKU	26	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61225	Quartz	KUKU	27	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61226	Quartz	KUKU	28	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61227	Quartz	KUKU	29	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61228	Quartz	KUKU	30	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61229	Quartz	KUKU	31	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61230	Quartz	KUKU	32	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61231	Quartz	KUKU	33	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61232	Quartz	KUKU	34	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61233	Quartz	KUKU	35	Tagish Lake Gold Corp. - 100%	01/01/2012	Active	105D03	
Whitehorse	YA61234	Quartz	KUKU	36	Tagish Lake Gold Corp. - 100%	01/01/2012	Active	105D03	
Whitehorse	YA61235	Quartz	KUKU	37	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61236	Quartz	KUKU	38	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YA61237	Quartz	KUKU	39	Tagish Lake Gold Corp. - 100%	01/01/2012	Active	105D03	
Whitehorse	YA61238	Quartz	KUKU	40	Tagish Lake Gold Corp. - 100%	01/01/2012	Active	105D04	
Whitehorse	YA61239	Quartz	KUKU	41	Tagish Lake Gold Corp. - 100%	01/01/2012	Active	105D03	
Whitehorse	YA61241	Quartz	KUKU	43	Tagish Lake Gold Corp. - 100%	01/01/2012	Active	105D03	
Whitehorse	YA61243	Quartz	KUKU	45	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YA61244	Quartz	KUKU	46	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YA61245	Quartz	KUKU	47	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61246	Quartz	KUKU	48	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	

Appendix II: List of Claims

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA61624	Quartz	KUKU	50	Tagish Lake Gold Corp. - 100%	01/01/2012	Active	105D03	
Whitehorse	YA61639	Quartz	KUKU	65	Tagish Lake Gold Corp. - 100%	01/01/2012	Active	105D03	
Whitehorse	YA61640	Quartz	KUKU	66	Tagish Lake Gold Corp. - 100%	01/01/2012	Active	105D03	
Whitehorse	YA61671	Quartz	KUKU	97	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61672	Quartz	KUKU	98	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61673	Quartz	KUKU	99	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61674	Quartz	KUKU	100	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61768	Quartz	KUKU	194	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YA61770	Quartz	KUKU	196	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YA61771	Quartz	KUKU	197	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YA61772	Quartz	KUKU	198	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YA61773	Quartz	KUKU	199	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YA61824	Quartz	KUKU	250	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61825	Quartz	KUKU	251	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61856	Quartz	KUKU	282	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA61857	Quartz	KUKU	283	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74385	Quartz	CHIEF	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74395	Quartz	CHIEF	12	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74396	Quartz	CHIEF	13	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74397	Quartz	CHIEF	14	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74398	Quartz	CHIEF	15	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74399	Quartz	CHIEF	16	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74400	Quartz	CHIEF	17	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74401	Quartz	CHIEF	18	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74402	Quartz	CHIEF	19	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74403	Quartz	CHIEF	20	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74404	Quartz	CHIEF	21	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74405	Quartz	CHIEF	22	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74406	Quartz	CHIEF	23	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74407	Quartz	CHIEF	24	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74408	Quartz	CHIEF	25	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74409	Quartz	CHIEF	26	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74410	Quartz	CHIEF	27	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74415	Quartz	CHIEF	32	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74416	Quartz	CHIEF	33	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

Appendix II: List of Claims

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA74417	Quartz	CHIEF	34	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74418	Quartz	CHIEF	35	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74419	Quartz	CHIEF	36	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74420	Quartz	CHIEF	37	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74421	Quartz	CHIEF	38	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74422	Quartz	CHIEF	39	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74423	Quartz	CHIEF	40	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74424	Quartz	CHIEF	41	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74425	Quartz	CHIEF	42	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74426	Quartz	CHIEF	43	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74427	Quartz	CHIEF	44	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74428	Quartz	CHIEF	45	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74429	Quartz	CHIEF	46	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74430	Quartz	CHIEF	47	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74431	Quartz	CHIEF	48	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74432	Quartz	CHIEF	49	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74435	Quartz	CHIEF	52	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA74436	Quartz	CHIEF	53	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA74437	Quartz	CHIEF	54	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74438	Quartz	CHIEF	55	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA74439	Quartz	CHIEF	56	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74440	Quartz	CHIEF	57	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA74441	Quartz	CHIEF	58	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74442	Quartz	CHIEF	59	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA74443	Quartz	CHIEF	60	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74444	Quartz	CHIEF	61	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74445	Quartz	CHIEF	62	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74446	Quartz	CHIEF	63	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74447	Quartz	CHIEF	64	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74448	Quartz	CHIEF	65	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74449	Quartz	CHIEF	66	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74450	Quartz	CHIEF	67	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA74451	Quartz	CHIEF	68	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA78390	Quartz	PUP	85	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA81468	Quartz	POP	15	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA81469	Quartz	POP	16	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81470	Quartz	POP	17	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81471	Quartz	POP	18	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81472	Quartz	POP	19	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81473	Quartz	POP	20	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81474	Quartz	POP	21	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81475	Quartz	POP	22	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81476	Quartz	POP	23	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81477	Quartz	POP	24	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81478	Quartz	POP	25	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81479	Quartz	POP	26	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81480	Quartz	POP	27	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81481	Quartz	POP	28	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81482	Quartz	POP	29	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81483	Quartz	POP	30	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81484	Quartz	POP	31	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81485	Quartz	POP	32	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81486	Quartz	POP	33	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81487	Quartz	POP	34	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81488	Quartz	POP	35	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81489	Quartz	POP	36	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81490	Quartz	POP	37	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81491	Quartz	POP	38	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81492	Quartz	POP	39	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81493	Quartz	POP	40	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81494	Quartz	POP	41	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81495	Quartz	POP	42	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81496	Quartz	POP	43	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81497	Quartz	POP	44	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81498	Quartz	POP	45	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81499	Quartz	POP	46	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81500	Quartz	POP	47	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81501	Quartz	POP	48	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81502	Quartz	POP	49	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81503	Quartz	POP	50	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA81504	Quartz	POP	51	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81505	Quartz	POP	52	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81506	Quartz	POP	53	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81507	Quartz	POP	54	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81508	Quartz	POP	55	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81509	Quartz	POP	56	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81510	Quartz	POP	57	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81511	Quartz	POP	58	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81512	Quartz	POP	59	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81513	Quartz	POP	60	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81514	Quartz	POP	61	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81515	Quartz	POP	62	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81516	Quartz	POP	63	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81517	Quartz	POP	64	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81518	Quartz	POP	65	Tagish Lake Gold Corp. - 100%	01/12/2014	Active	105D03	
Whitehorse	YA81519	Quartz	POP	66	Tagish Lake Gold Corp. - 100%	01/12/2014	Active	105D03	
Whitehorse	YA81520	Quartz	POP	67	Tagish Lake Gold Corp. - 100%	01/12/2014	Active	105D03	
Whitehorse	YA81521	Quartz	POP	68	Tagish Lake Gold Corp. - 100%	01/12/2014	Active	105D03	
Whitehorse	YA81522	Quartz	POP	69	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81523	Quartz	POP	70	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81543	Quartz	ERN	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81544	Quartz	ERN	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81545	Quartz	ERN	3	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81546	Quartz	ERN	4	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81547	Quartz	ERN	5	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81548	Quartz	ERN	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81549	Quartz	ERN	7	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81550	Quartz	ERN	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81551	Quartz	ERN	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81552	Quartz	ERN	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81553	Quartz	ERN	11	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA81554	Quartz	ERN	12	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA81555	Quartz	ERN	13	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA81556	Quartz	ERN	14	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA81557	Quartz	ERN	15	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA81767	Quartz	MOM	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81768	Quartz	MOM	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81769	Quartz	MOM	3	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81770	Quartz	MOM	4	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81771	Quartz	MOM	5	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81772	Quartz	MOM	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81773	Quartz	MOM	7	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81774	Quartz	MOM	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81775	Quartz	MOM	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81776	Quartz	MOM	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81781	Quartz	MOM	15	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81782	Quartz	MOM	16	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81783	Quartz	MOM	17	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81784	Quartz	MOM	18	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81785	Quartz	MOM	19	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81786	Quartz	MOM	20	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81787	Quartz	MOM	21	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81788	Quartz	MOM	22	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81789	Quartz	MOM	23	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81790	Quartz	MOM	24	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81791	Quartz	MOM	25	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81792	Quartz	MOM	26	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81793	Quartz	MOM	27	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81794	Quartz	MOM	28	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81795	Quartz	MOM	29	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81796	Quartz	MOM	30	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81797	Quartz	MOM	31	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81798	Quartz	MOM	32	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81799	Quartz	MOM	33	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81800	Quartz	MOM	34	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81801	Quartz	MOM	35	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81802	Quartz	MOM	36	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81803	Quartz	MOM	37	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81804	Quartz	MOM	38	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81805	Quartz	MOM	39	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA81806	Quartz	MOM	40	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81807	Quartz	MOM	41	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81808	Quartz	MOM	42	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81809	Quartz	MOM	43	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81810	Quartz	MOM	44	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81813	Quartz	MOM	47	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81814	Quartz	MOM	48	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81815	Quartz	MOM	49	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81816	Quartz	MOM	50	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81817	Quartz	MOM	51	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81818	Quartz	MOM	52	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81819	Quartz	MOM	53	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81820	Quartz	MOM	54	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81821	Quartz	MOM	55	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81822	Quartz	MOM	56	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81823	Quartz	MOM	57	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81824	Quartz	MOM	58	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81825	Quartz	MOM	59	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81826	Quartz	MOM	60	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81828	Quartz	MOM	62	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81829	Quartz	MOM	63	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81830	Quartz	MOM	64	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81831	Quartz	MOM	65	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81832	Quartz	MOM	66	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81833	Quartz	MOM	67	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81834	Quartz	MOM	68	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81835	Quartz	MOM	69	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81836	Quartz	MOM	70	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81837	Quartz	MOM	71	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81838	Quartz	MOM	72	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81839	Quartz	MOM	73	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81840	Quartz	MOM	74	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81841	Quartz	MOM	75	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81842	Quartz	MOM	76	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81843	Quartz	MOM	77	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA81844	Quartz	MOM	78	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81845	Quartz	MOM	79	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81846	Quartz	MOM	80	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA81847	Quartz	MOM	81	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82000	Quartz	MOM	82	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82001	Quartz	MOM	83	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82002	Quartz	MOM	84	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82003	Quartz	MOM	85	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82004	Quartz	MOM	86	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82005	Quartz	MOM	87	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82006	Quartz	MOM	88	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82007	Quartz	MOM	89	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82362	Quartz	TECH	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82363	Quartz	TECH	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82364	Quartz	TECH	3	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82365	Quartz	TECH	4	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82368	Quartz	TECH	7	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82369	Quartz	TECH	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82370	Quartz	TECH	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82371	Quartz	TECH	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82372	Quartz	TECH	11	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82373	Quartz	TECH	12	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82374	Quartz	TECH	13	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82376	Quartz	TECH	15	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82377	Quartz	TECH	16	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82378	Quartz	TECH	17	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82379	Quartz	TECH	18	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA82961	Quartz	TREE	1	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA82962	Quartz	TREE	2	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA82963	Quartz	TREE	3	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA82964	Quartz	TREE	4	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA82965	Quartz	TREE	5	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA85503	Quartz	ERN	16	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA85504	Quartz	ERN	17	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA85505	Quartz	ERN	18	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA85506	Quartz	ERN	19	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA85507	Quartz	ERN	20	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA85508	Quartz	ERN	21	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA85509	Quartz	ERN	22	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA85511	Quartz	ERN	24	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA85512	Quartz	ERN	25	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA85513	Quartz	ERN	26	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA85514	Quartz	ERN	27	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA85515	Quartz	ERN	30	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA85516	Quartz	ERN	31	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA85517	Quartz	ERN	32	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA85518	Quartz	ERN	33	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86013	Quartz	TECH	19	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA86014	Quartz	TECH	20	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA86015	Quartz	TECH	21	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA86194	Quartz	POP	71	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86195	Quartz	POP	72	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86196	Quartz	POP	73	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86197	Quartz	POP	74	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86198	Quartz	POP	75	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86199	Quartz	POP	76	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86200	Quartz	POP	77	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86201	Quartz	POP	78	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86202	Quartz	POP	79	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86203	Quartz	POP	80	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86204	Quartz	POP	81	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86205	Quartz	POP	82	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86206	Quartz	POP	83	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86207	Quartz	POP	84	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86208	Quartz	POP	85	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86209	Quartz	POP	86	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86210	Quartz	POP	87	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86211	Quartz	POP	88	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86212	Quartz	POP	89	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86213	Quartz	POP	90	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA86214	Quartz	POP	91	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86215	Quartz	POP	92	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86216	Quartz	POP	93	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86217	Quartz	POP	94	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86218	Quartz	POP	95	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86219	Quartz	POP	96	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86220	Quartz	POP	97	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86221	Quartz	POP	98	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86222	Quartz	POP	99	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86223	Quartz	POP	100	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86224	Quartz	POP	101	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86225	Quartz	POP	102	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86226	Quartz	POP	103	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA86227	Quartz	POP	104	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92145	Quartz	TECH	22	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92146	Quartz	TECH	23	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92147	Quartz	TECH	24	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92148	Quartz	TECH	25	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92149	Quartz	TECH	26	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92150	Quartz	TECH	27	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92151	Quartz	TECH	28	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92152	Quartz	TECH	29	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92153	Quartz	TECH	30	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92154	Quartz	TECH	31	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92155	Quartz	TECH	32	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92156	Quartz	TECH	33	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92157	Quartz	TECH	34	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92158	Quartz	TECH	35	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92159	Quartz	TECH	36	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92160	Quartz	TECH	37	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92161	Quartz	TECH	38	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92162	Quartz	TECH	39	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92163	Quartz	TECH	40	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92833	Quartz	TEX	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92834	Quartz	TEX	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA92835	Quartz	TEX	3	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92836	Quartz	TEX	4	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92837	Quartz	TEX	5	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92838	Quartz	TEX	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92839	Quartz	TEX	7	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92840	Quartz	TEX	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92841	Quartz	TEX	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92842	Quartz	TEX	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92843	Quartz	TEX	11	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92844	Quartz	TEX	12	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92845	Quartz	TEX	13	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92846	Quartz	TEX	14	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92847	Quartz	TEX	15	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92848	Quartz	TEX	16	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92849	Quartz	TEX	17	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92850	Quartz	TEX	18	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92851	Quartz	TEX	19	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92852	Quartz	TEX	20	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92853	Quartz	TEX	21	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92854	Quartz	TEX	22	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92922	Quartz	STEN	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92923	Quartz	STEN	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92924	Quartz	STEN	3	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92925	Quartz	STEN	4	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92926	Quartz	STEN	5	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92927	Quartz	STEN	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92928	Quartz	STEN	7	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92929	Quartz	STEN	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92930	Quartz	STEN	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92931	Quartz	STEN	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92932	Quartz	STEN	11	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92933	Quartz	STEN	12	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92934	Quartz	STEN	13	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92935	Quartz	STEN	14	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92936	Quartz	STEN	15	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA92937	Quartz	STEN	16	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92938	Quartz	STEN	17	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92940	Quartz	STEN	19	Tagish Lake Gold Corp. - 100%	01/12/2017	Active	105D03	
Whitehorse	YA92941	Quartz	STEN	20	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92942	Quartz	STEN	21	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92943	Quartz	STEN	22	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92944	Quartz	STEN	23	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92945	Quartz	STEN	24	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92946	Quartz	STEN	25	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92947	Quartz	STEN	26	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92948	Quartz	STEN	27	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92949	Quartz	STEN	28	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92950	Quartz	STEN	29	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92951	Quartz	STEN	30	Tagish Lake Gold Corp. - 100%	01/12/2017	Active	105D03	
Whitehorse	YA92952	Quartz	STEN	31	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92953	Quartz	STEN	32	Tagish Lake Gold Corp. - 100%	01/12/2017	Active	105D03	
Whitehorse	YA92954	Quartz	STEN	33	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA92955	Quartz	STEN	34	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92956	Quartz	STEN	35	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92957	Quartz	STEN	36	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92958	Quartz	STEN	37	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92959	Quartz	STEN	38	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92960	Quartz	STEN	39	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92961	Quartz	STEN	40	Tagish Lake Gold Corp. - 100%	01/12/2017	Active	105D03	
Whitehorse	YA92962	Quartz	STEN	41	Tagish Lake Gold Corp. - 100%	01/12/2017	Active	105D03	
Whitehorse	YA92963	Quartz	STEN	42	Tagish Lake Gold Corp. - 100%	01/12/2017	Active	105D03	
Whitehorse	YA92964	Quartz	STEN	43	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92965	Quartz	STEN	44	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92966	Quartz	STEN	45	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YA92967	Quartz	KIR	1	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92968	Quartz	KIR	2	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92969	Quartz	KIR	3	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92970	Quartz	KIR	4	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92971	Quartz	KIR	5	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92972	Quartz	KIR	6	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	

Appendix II: List of Claims

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA92973	Quartz	KIR	7	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92974	Quartz	KIR	8	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92975	Quartz	KIR	9	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92976	Quartz	KIR	10	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92977	Quartz	KIR	11	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92978	Quartz	KIR	12	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92979	Quartz	KIR	13	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92980	Quartz	KIR	14	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92981	Quartz	KIR	15	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92982	Quartz	KIR	16	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92983	Quartz	KIR	17	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92984	Quartz	KIR	18	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92985	Quartz	KIR	19	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92986	Quartz	KIR	20	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92987	Quartz	KIR	21	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92988	Quartz	KIR	22	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92989	Quartz	KIR	23	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92990	Quartz	KIR	24	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92991	Quartz	KIR	25	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92992	Quartz	KIR	26	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92993	Quartz	KIR	27	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92994	Quartz	KIR	28	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92995	Quartz	KIR	29	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92996	Quartz	KIR	30	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YA92997	Quartz	KIR	31	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA92998	Quartz	KIR	32	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA92999	Quartz	KIR	33	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93378	Quartz	POP	101	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93379	Quartz	POP	102	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93382	Quartz	POP	103	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93383	Quartz	POP	104	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93384	Quartz	POP	105	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93385	Quartz	POP	106	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93386	Quartz	POP	107	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93387	Quartz	POP	108	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)

Appendix II: List of Claims

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA93388	Quartz	POP	109	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93389	Quartz	POP	110	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93390	Quartz	POP	111	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93391	Quartz	POP	112	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93392	Quartz	POP	113	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93393	Quartz	POP	114	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93394	Quartz	POP	115	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93395	Quartz	POP	116	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93743	Quartz	OMNI	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93744	Quartz	OMNI	2	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93745	Quartz	OMNI	3	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93746	Quartz	OMNI	4	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93747	Quartz	OMNI	5	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93748	Quartz	OMNI	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93749	Quartz	OMNI	7	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93750	Quartz	OMNI	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93751	Quartz	OMNI	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93752	Quartz	OMNI	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93753	Quartz	OMNI	11	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93754	Quartz	OMNI	12	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93875	Quartz	GLEE	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93876	Quartz	GLEE	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93877	Quartz	GLEE	3	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93878	Quartz	GLEE	4	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93879	Quartz	GLEE	5	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93880	Quartz	GLEE	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93881	Quartz	GLEE	7	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93882	Quartz	GLEE	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93883	Quartz	GLEE	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93884	Quartz	GLEE	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93885	Quartz	GLEE	11	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93886	Quartz	GLEE	12	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93890	Quartz	GLEE	16	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93891	Quartz	GLEE	17	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YA93892	Quartz	GLEE	18	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)



Appendix II: List of Claims

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YA94610	Quartz	MB	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA94611	Quartz	MB	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA94612	Quartz	MB	3	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA94672	Quartz	POP	117	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA94673	Quartz	POP	118	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA94674	Quartz	POP	119	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA94675	Quartz	POP	120	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA94676	Quartz	POP	121	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YA94677	Quartz	POP	122	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07446	Quartz	BERG	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07447	Quartz	BERG	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07448	Quartz	BERG	3	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07449	Quartz	BERG	4	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07450	Quartz	BERG	5	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07451	Quartz	BERG	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07452	Quartz	BERG	7	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07453	Quartz	BERG	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07454	Quartz	BERG	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07455	Quartz	BERG	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07456	Quartz	BERG	11	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07457	Quartz	BERG	12	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07460	Quartz	BERG	15	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07461	Quartz	BERG	16	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07466	Quartz	BERG	21	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07467	Quartz	BERG	22	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07474	Quartz	BERG	29	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07475	Quartz	BERG	30	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07476	Quartz	BERG	31	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07477	Quartz	BERG	32	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07478	Quartz	BERG	33	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07479	Quartz	BERG	34	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07480	Quartz	BERG	35	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07481	Quartz	BERG	36	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07482	Quartz	BERG	37	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07483	Quartz	BERG	38	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YB07484	Quartz	BERG	39	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07485	Quartz	BERG	40	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07486	Quartz	BERG	41	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07487	Quartz	BERG	42	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07488	Quartz	BERG	43	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07489	Quartz	BERG	44	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07490	Quartz	BERG	45	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07499	Quartz	BERG	54	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07501	Quartz	BERG	56	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07503	Quartz	BERG	58	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07505	Quartz	BERG	60	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07507	Quartz	BERG	62	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07509	Quartz	BERG	64	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07511	Quartz	BERG	66	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07513	Quartz	BERG	68	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07515	Quartz	BERG	70	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07517	Quartz	BERG	72	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07519	Quartz	BERG	74	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07521	Quartz	BERG	76	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07523	Quartz	BERG	78	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07525	Quartz	BERG	80	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07527	Quartz	BERG	82	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07529	Quartz	BERG	84	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07531	Quartz	BERG	86	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07533	Quartz	BERG	88	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07535	Quartz	BERG	90	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07537	Quartz	BERG	92	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07539	Quartz	BERG	94	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07540	Quartz	BERG	95	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07597	Quartz	BERG	152	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07598	Quartz	BERG	153	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07599	Quartz	BERG	154	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07601	Quartz	BERG	156	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07602	Quartz	BERG	157	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07603	Quartz	BERG	158	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YB07604	Quartz	BERG	159	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB07605	Quartz	BERG	160	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB26465	Quartz	TECH	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66866	Quartz	TM	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66867	Quartz	TM	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66868	Quartz	TM	3	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66869	Quartz	TM	4	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66870	Quartz	TM	5	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66871	Quartz	TM	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66872	Quartz	TM	7	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB66873	Quartz	TM	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB66874	Quartz	TM	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66875	Quartz	TM	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66876	Quartz	TM	11	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66877	Quartz	TM	12	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66878	Quartz	TM	13	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB66879	Quartz	TM	14	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66881	Quartz	TM	16	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66882	Quartz	TM	17	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66883	Quartz	TM	18	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66884	Quartz	TM	19	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB66885	Quartz	TM	20	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB66886	Quartz	TM	22	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB66887	Quartz	TM	23	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB66888	Quartz	TM	24	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB66889	Quartz	TM	25	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66890	Quartz	TM	26	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66891	Quartz	TM	27	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66892	Quartz	TM	28	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66893	Quartz	TM	29	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66894	Quartz	TM	30	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66895	Quartz	TM	31	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66896	Quartz	TM	32	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66899	Quartz	TM	35	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66900	Quartz	TM	36	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

Appendix II: List of Claims

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YB66901	Quartz	TM	37	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66902	Quartz	TM	38	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66903	Quartz	TM	39	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66904	Quartz	TM	40	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66905	Quartz	TM	41	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66906	Quartz	TM	42	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66907	Quartz	TM	43	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66908	Quartz	TM	44	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66909	Quartz	TM	45	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB66910	Quartz	TM	46	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66911	Quartz	TM	47	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66912	Quartz	TM	48	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66913	Quartz	TM	49	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66914	Quartz	TM	50	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66915	Quartz	TM	51	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66916	Quartz	TM	52	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66917	Quartz	TM	53	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66918	Quartz	TM	54	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66919	Quartz	TM	55	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66920	Quartz	TM	56	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66921	Quartz	TM	57	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66922	Quartz	TM	58	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66923	Quartz	TM	59	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66924	Quartz	TM	60	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66925	Quartz	TM	61	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66926	Quartz	TM	62	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66927	Quartz	TM	63	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66928	Quartz	TM	64	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66929	Quartz	TM	65	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66930	Quartz	TM	66	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66931	Quartz	TM	67	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66932	Quartz	TM	68	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66933	Quartz	TM	69	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66934	Quartz	TM	70	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66935	Quartz	TM	71	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YB66936	Quartz	TM	72	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66937	Quartz	TM	73	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66938	Quartz	TM	74	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66939	Quartz	TM	75	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66940	Quartz	TM	76	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66941	Quartz	TM	77	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66942	Quartz	TM	78	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66943	Quartz	TM	79	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66944	Quartz	TM	80	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66945	Quartz	TM	81	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66946	Quartz	TM	82	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66947	Quartz	TM	83	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66948	Quartz	TM	84	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66949	Quartz	TM	85	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66950	Quartz	TM	86	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66951	Quartz	TM	87	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66952	Quartz	TM	88	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66953	Quartz	TM	89	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66954	Quartz	TM	90	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66955	Quartz	TM	91	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66956	Quartz	TM	92	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66957	Quartz	TM	93	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66958	Quartz	TM	94	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66959	Quartz	TM	95	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66960	Quartz	TM	96	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66961	Quartz	TM	97	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66962	Quartz	TM	98	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66963	Quartz	TM	99	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66964	Quartz	TM	100	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66965	Quartz	TM	101	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66966	Quartz	TM	102	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66967	Quartz	TM	103	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66968	Quartz	TM	104	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66969	Quartz	TM	105	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66970	Quartz	TM	106	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YB66971	Quartz	TM	107	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66972	Quartz	TM	108	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66973	Quartz	TM	109	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66974	Quartz	TM	110	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66975	Quartz	TM	111	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66976	Quartz	TM	112	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66977	Quartz	TM	113	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66978	Quartz	TM	114	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66979	Quartz	TM	115	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66980	Quartz	TM	116	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66981	Quartz	TM	117	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66982	Quartz	DG	1	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66983	Quartz	DG	2	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66984	Quartz	DG	3	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66985	Quartz	DG	4	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66986	Quartz	DG	5	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66987	Quartz	DG	6	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66988	Quartz	DG	7	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66989	Quartz	DG	8	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66990	Quartz	DG	9	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66991	Quartz	DG	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66992	Quartz	DG	11	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66993	Quartz	DG	12	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66994	Quartz	DG	13	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66995	Quartz	DG	14	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB66996	Quartz	DG	15	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66997	Quartz	DG	16	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66998	Quartz	DG	17	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB66999	Quartz	DG	18	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB67000	Quartz	DG	19	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB67001	Quartz	DG	20	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB67002	Quartz	DG	21	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB67003	Quartz	DG	22	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB67028	Quartz	LB	1	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YB67029	Quartz	LB	2	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	

Appendix II: List of Claims

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YB67030	Quartz	LB	3	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YB67031	Quartz	LB	4	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YB67032	Quartz	LB	5	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67033	Quartz	LB	6	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67034	Quartz	LB	7	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YB67035	Quartz	LB	8	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67036	Quartz	LB	9	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YB67037	Quartz	LB	10	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67038	Quartz	LB	11	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YB67039	Quartz	LB	12	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YB67040	Quartz	LB	13	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB67041	Quartz	LB	14	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67042	Quartz	LB	15	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB67043	Quartz	LB	16	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB67044	Quartz	LB	17	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB67045	Quartz	LB	18	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB67046	Quartz	LB	19	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB67047	Quartz	LB	20	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	
Whitehorse	YB67048	Quartz	LB	21	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67049	Quartz	LB	22	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YB67050	Quartz	LB	23	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YB67051	Quartz	LB	24	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YB67052	Quartz	LB	25	Tagish Lake Gold Corp. - 100%	01/12/2015	Active	105D03	
Whitehorse	YB67053	Quartz	LB	26	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67054	Quartz	LB	27	Tagish Lake Gold Corp. - 100%	01/12/2016	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67166	Quartz	MIL	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67167	Quartz	MIL	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67168	Quartz	MIL	3	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67169	Quartz	MIL	4	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67170	Quartz	MIL	5	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67171	Quartz	MIL	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67172	Quartz	MIL	7	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67173	Quartz	MIL	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67174	Quartz	MIL	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67175	Quartz	MIL	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YB67176	Quartz	MIL	11	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67177	Quartz	MIL	12	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67178	Quartz	MIL	13	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67179	Quartz	MIL	14	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67180	Quartz	MIL	15	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67181	Quartz	MIL	16	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67182	Quartz	MIL	17	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67183	Quartz	MIL	18	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67184	Quartz	MIL	19	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67185	Quartz	MIL	20	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67186	Quartz	MIL	21	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67187	Quartz	MIL	22	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67188	Quartz	MIL	23	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67189	Quartz	MIL	24	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67190	Quartz	MIL	25	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67191	Quartz	MIL	26	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67192	Quartz	MIL	27	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67193	Quartz	MIL	28	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67194	Quartz	MIL	29	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67195	Quartz	MIL	30	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67196	Quartz	MIL	31	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67197	Quartz	MIL	32	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67198	Quartz	MIL	33	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67199	Quartz	MIL	34	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67200	Quartz	MIL	35	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67201	Quartz	MIL	36	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67202	Quartz	MIL	37	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67203	Quartz	MIL	38	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67204	Quartz	MIL	39	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67205	Quartz	MIL	40	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67206	Quartz	MIL	41	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67207	Quartz	MIL	42	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67208	Quartz	MIL	43	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67209	Quartz	MIL	44	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67210	Quartz	MIL	45	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YB67211	Quartz	MIL	46	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67212	Quartz	MIL	47	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67213	Quartz	MIL	48	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67214	Quartz	MIL	49	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67215	Quartz	MIL	50	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67216	Quartz	MIL	51	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67217	Quartz	MIL	52	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67218	Quartz	MIL	53	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67219	Quartz	MIL	54	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67220	Quartz	MIL	55	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67221	Quartz	MIL	56	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67222	Quartz	MIL	57	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67223	Quartz	MIL	58	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67224	Quartz	MIL	59	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67225	Quartz	MIL	60	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67226	Quartz	MIL	61	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67227	Quartz	MIL	62	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67228	Quartz	MIL	63	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67229	Quartz	MIL	64	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67230	Quartz	MIL	65	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67231	Quartz	MIL	66	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB67232	Quartz	MIL	67	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67233	Quartz	MIL	68	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB67234	Quartz	MIL	69	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB95941	Quartz	HO	1	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95942	Quartz	HO	2	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95943	Quartz	HO	3	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95944	Quartz	HO	4	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95945	Quartz	HO	5	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95946	Quartz	HO	6	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95947	Quartz	HO	7	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95948	Quartz	HO	8	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95949	Quartz	HO	9	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95950	Quartz	HO	10	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95951	Quartz	HO	11	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YB95952	Quartz	HO	12	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95953	Quartz	HO	13	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95954	Quartz	HO	14	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95955	Quartz	HO	15	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95956	Quartz	HO	16	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95957	Quartz	HO	17	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95958	Quartz	HO	18	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95959	Quartz	HO	19	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95960	Quartz	HO	20	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95961	Quartz	HO	21	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95962	Quartz	HO	22	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95963	Quartz	HO	23	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95964	Quartz	HO	24	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	Full Quartz fraction (25+ acres)
Whitehorse	YB95965	Quartz	HO	25	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95966	Quartz	HO	26	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	Full Quartz fraction (25+ acres)
Whitehorse	YB95967	Quartz	HO	27	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95968	Quartz	HO	28	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95969	Quartz	HO	29	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB95970	Quartz	HO	30	Tagish Lake Gold Corp. - 100%	31/07/2012	Active	105D06	
Whitehorse	YB97763	Quartz	TECH	14	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB97764	Quartz	TECH	5	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB97767	Quartz	KUKU	22	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YB97801	Quartz	PUP	29	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YB97802	Quartz	PUP	30	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC07981	Quartz	TM	118	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC07982	Quartz	TM	119	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC07983	Quartz	TM	120	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC07984	Quartz	TM	121	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC07985	Quartz	TM	122	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC07986	Quartz	TM	123	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC07989	Quartz	TM	126	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC07990	Quartz	TM	127	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC07991	Quartz	TM	128	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC07992	Quartz	TM	129	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC07993	Quartz	TM	130	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YC07994	Quartz	TM	131	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC07995	Quartz	TM	132	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC07996	Quartz	TM	133	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC14135	Quartz	CL	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14136	Quartz	CL	7	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14137	Quartz	CL	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14138	Quartz	CL	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14139	Quartz	CL	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14140	Quartz	CL	13	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC14141	Quartz	CL	14	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC14142	Quartz	CL	15	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC14143	Quartz	CL	16	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14144	Quartz	CL	17	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14145	Quartz	CL	18	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14148	Quartz	CL	21	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14149	Quartz	CL	22	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14150	Quartz	CL	23	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14151	Quartz	CL	24	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14152	Quartz	CL	25	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14156	Quartz	CL	29	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC14157	Quartz	CL	30	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	Full Quartz fraction (25+ acres)
Whitehorse	YC18781	Quartz	CHAR	1	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18782	Quartz	CHAR	2	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18783	Quartz	CHAR	3	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18784	Quartz	CHAR	4	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18785	Quartz	CHAR	5	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18786	Quartz	CHAR	6	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18787	Quartz	CHAR	7	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18788	Quartz	CHAR	8	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18789	Quartz	CHAR	9	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18790	Quartz	CHAR	10	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18791	Quartz	CHAR	11	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18792	Quartz	CHAR	12	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18793	Quartz	CHAR	13	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18794	Quartz	CHAR	14	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YC18795	Quartz	CHAR	15	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18796	Quartz	CHAR	16	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18797	Quartz	CHAR	17	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18798	Quartz	CHAR	18	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18799	Quartz	CHAR	19	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18800	Quartz	CHAR	20	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18801	Quartz	CHAR	21	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18802	Quartz	CHAR	22	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18803	Quartz	CHAR	23	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18804	Quartz	CHAR	24	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18805	Quartz	CHAR	25	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18806	Quartz	CHAR	26	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18807	Quartz	CHAR	27	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18808	Quartz	CHAR	28	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18809	Quartz	CHAR	29	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18810	Quartz	CHAR	30	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18811	Quartz	CHAR	31	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18812	Quartz	CHAR	32	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18813	Quartz	CHAR	33	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC18814	Quartz	CHAR	34	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18815	Quartz	CHAR	35	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18816	Quartz	CHAR	36	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18817	Quartz	CHAR	37	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18818	Quartz	CHAR	38	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18819	Quartz	CHAR	39	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18820	Quartz	CHAR	40	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18821	Quartz	CHAR	41	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18822	Quartz	CHAR	42	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC18823	Quartz	CHAR	43	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC19347	Quartz	CHAR	44	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC19348	Quartz	CHAR	45	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC19349	Quartz	CHAR	46	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC19350	Quartz	CHAR	47	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC19351	Quartz	CHAR	48	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC19352	Quartz	CHAR	49	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YC19353	Quartz	CHAR	50	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D03	
Whitehorse	YC19354	Quartz	CHAR	51	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	
Whitehorse	YC19355	Quartz	CHAR	52	Tagish Lake Gold Corp. - 100%	01/12/2013	Active	105D04	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
<b>NEW PACIFIC CLAIMS</b>									
Whitehorse	YE33013	Quartz	SKU	517	New Pacific Metals Corp. - 100%	03/08/2017	Active	105D03	
Whitehorse	YE54650	Quartz	SKU	516	New Pacific Metals Corp. - 100%	03/08/2017	Active	105D03	
Whitehorse	YE33409	Quartz	SKU	518	New Pacific Metals Corp. - 100%	03/08/2017	Active	105D03	
Whitehorse	YE33401	Quartz	RIG	1	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33402	Quartz	RIG	2	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33403	Quartz	RIG	3	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33408	Quartz	RIG	8	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33405	Quartz	RIG	5	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33406	Quartz	RIG	6	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33407	Quartz	RIG	7	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33404	Quartz	RIG	4	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33017	Quartz	SKU	469	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33018	Quartz	SKU	470	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33019	Quartz	SKU	471	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33020	Quartz	SKU	472	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33021	Quartz	SKU	473	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33022	Quartz	SKU	474	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33023	Quartz	SKU	475	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33024	Quartz	SKU	476	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33025	Quartz	SKU	477	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33026	Quartz	SKU	478	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33027	Quartz	SKU	479	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33028	Quartz	SKU	480	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33029	Quartz	SKU	481	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33030	Quartz	SKU	482	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33031	Quartz	SKU	483	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33032	Quartz	SKU	484	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33033	Quartz	SKU	485	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33034	Quartz	SKU	486	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33035	Quartz	SKU	487	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33036	Quartz	SKU	488	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33037	Quartz	SKU	489	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33038	Quartz	SKU	490	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33039	Quartz	SKU	491	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE33040	Quartz	SKU	492	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33041	Quartz	SKU	493	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33042	Quartz	SKU	494	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33043	Quartz	SKU	495	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33044	Quartz	SKU	496	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33045	Quartz	SKU	497	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33046	Quartz	SKU	498	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33047	Quartz	SKU	499	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33048	Quartz	SKU	500	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33049	Quartz	SKU	501	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33050	Quartz	SKU	502	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33051	Quartz	SKU	503	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33052	Quartz	SKU	504	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33053	Quartz	SKU	505	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33357	Quartz	SKU	423	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33358	Quartz	SKU	424	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33359	Quartz	SKU	425	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33360	Quartz	SKU	426	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33361	Quartz	SKU	427	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33362	Quartz	SKU	428	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33363	Quartz	SKU	429	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33364	Quartz	SKU	430	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33365	Quartz	SKU	431	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33366	Quartz	SKU	432	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33367	Quartz	SKU	433	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33368	Quartz	SKU	434	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33014	Quartz	SKU	466	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33015	Quartz	SKU	467	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33016	Quartz	SKU	468	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33356	Quartz	SKU	422	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33369	Quartz	SKU	435	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33370	Quartz	SKU	436	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33371	Quartz	SKU	437	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33372	Quartz	SKU	438	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33373	Quartz	SKU	439	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE33374	Quartz	SKU	440	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33375	Quartz	SKU	441	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33376	Quartz	SKU	442	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33377	Quartz	SKU	443	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33378	Quartz	SKU	444	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33379	Quartz	SKU	445	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33380	Quartz	SKU	446	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33381	Quartz	SKU	447	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33382	Quartz	SKU	448	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33383	Quartz	SKU	449	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33384	Quartz	SKU	450	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33385	Quartz	SKU	451	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33386	Quartz	SKU	452	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33387	Quartz	SKU	453	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33388	Quartz	SKU	454	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33389	Quartz	SKU	455	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33390	Quartz	SKU	456	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33391	Quartz	SKU	457	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33392	Quartz	SKU	458	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33393	Quartz	SKU	459	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33394	Quartz	SKU	460	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33395	Quartz	SKU	461	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33396	Quartz	SKU	462	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33397	Quartz	SKU	463	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33398	Quartz	SKU	464	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33399	Quartz	SKU	465	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33325	Quartz	SKU	391	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33326	Quartz	SKU	392	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33327	Quartz	SKU	393	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33328	Quartz	SKU	394	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33329	Quartz	SKU	395	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33330	Quartz	SKU	396	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33331	Quartz	SKU	397	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33332	Quartz	SKU	398	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33333	Quartz	SKU	399	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE33334	Quartz	SKU	400	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33335	Quartz	SKU	401	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33400	Quartz	SKU	700	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33312	Quartz	SKU	378	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33313	Quartz	SKU	379	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33314	Quartz	SKU	380	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33315	Quartz	SKU	381	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33316	Quartz	SKU	382	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33317	Quartz	SKU	383	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33318	Quartz	SKU	384	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33319	Quartz	SKU	385	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33320	Quartz	SKU	386	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33321	Quartz	SKU	387	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33322	Quartz	SKU	388	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33323	Quartz	SKU	389	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33324	Quartz	SKU	390	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33336	Quartz	SKU	402	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33054	Quartz	SKU	506	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33055	Quartz	SKU	507	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33056	Quartz	SKU	508	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33057	Quartz	SKU	509	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33058	Quartz	SKU	510	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33059	Quartz	SKU	511	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33060	Quartz	SKU	512	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33061	Quartz	SKU	513	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33062	Quartz	SKU	514	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33063	Quartz	SKU	515	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33337	Quartz	SKU	403	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33338	Quartz	SKU	404	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33339	Quartz	SKU	405	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33340	Quartz	SKU	406	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33341	Quartz	SKU	407	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33342	Quartz	SKU	408	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33343	Quartz	SKU	409	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33344	Quartz	SKU	410	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE33345	Quartz	SKU	411	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33346	Quartz	SKU	412	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33347	Quartz	SKU	413	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33348	Quartz	SKU	414	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33349	Quartz	SKU	415	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33350	Quartz	SKU	416	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33351	Quartz	SKU	417	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33352	Quartz	SKU	418	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33353	Quartz	SKU	419	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33354	Quartz	SKU	420	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33355	Quartz	SKU	421	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33259	Quartz	SKU	325	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33260	Quartz	SKU	326	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33261	Quartz	SKU	327	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33262	Quartz	SKU	328	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33263	Quartz	SKU	329	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33264	Quartz	SKU	330	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33213	Quartz	SKU	279	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33214	Quartz	SKU	280	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33215	Quartz	SKU	281	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33216	Quartz	SKU	282	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33217	Quartz	SKU	283	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33218	Quartz	SKU	284	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33220	Quartz	SKU	286	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33222	Quartz	SKU	288	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33224	Quartz	SKU	290	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33226	Quartz	SKU	292	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33227	Quartz	SKU	293	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33228	Quartz	SKU	294	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33265	Quartz	SKU	331	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33266	Quartz	SKU	332	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33267	Quartz	SKU	333	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33268	Quartz	SKU	334	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33269	Quartz	SKU	335	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33270	Quartz	SKU	336	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE33271	Quartz	SKU	337	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33272	Quartz	SKU	338	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33273	Quartz	SKU	339	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33274	Quartz	SKU	340	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33275	Quartz	SKU	341	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33276	Quartz	SKU	342	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33277	Quartz	SKU	343	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33278	Quartz	SKU	344	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33279	Quartz	SKU	345	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33280	Quartz	SKU	346	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33281	Quartz	SKU	347	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33282	Quartz	SKU	348	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33283	Quartz	SKU	349	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33284	Quartz	SKU	350	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33285	Quartz	SKU	351	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33286	Quartz	SKU	352	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33287	Quartz	SKU	353	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33288	Quartz	SKU	354	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33289	Quartz	SKU	355	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33290	Quartz	SKU	356	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33291	Quartz	SKU	357	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33292	Quartz	SKU	358	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33293	Quartz	SKU	359	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33294	Quartz	SKU	360	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33295	Quartz	SKU	361	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33296	Quartz	SKU	362	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33297	Quartz	SKU	363	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33298	Quartz	SKU	364	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33299	Quartz	SKU	365	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33300	Quartz	SKU	366	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33301	Quartz	SKU	367	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33302	Quartz	SKU	368	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33303	Quartz	SKU	369	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33304	Quartz	SKU	370	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33305	Quartz	SKU	371	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE33306	Quartz	SKU	372	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33307	Quartz	SKU	373	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33308	Quartz	SKU	374	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33309	Quartz	SKU	375	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33310	Quartz	SKU	376	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33311	Quartz	SKU	377	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33241	Quartz	SKU	307	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33242	Quartz	SKU	308	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33202	Quartz	SKU	268	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33203	Quartz	SKU	269	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33204	Quartz	SKU	270	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33205	Quartz	SKU	271	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33206	Quartz	SKU	272	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33207	Quartz	SKU	273	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33208	Quartz	SKU	274	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33209	Quartz	SKU	275	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33210	Quartz	SKU	276	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33211	Quartz	SKU	277	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33212	Quartz	SKU	278	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33253	Quartz	SKU	319	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33254	Quartz	SKU	320	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33255	Quartz	SKU	321	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33257	Quartz	SKU	323	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33191	Quartz	SKU	257	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33192	Quartz	SKU	258	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33193	Quartz	SKU	259	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33194	Quartz	SKU	260	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33195	Quartz	SKU	261	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33196	Quartz	SKU	262	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33197	Quartz	SKU	263	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33198	Quartz	SKU	264	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33199	Quartz	SKU	265	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33200	Quartz	SKU	266	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33201	Quartz	SKU	267	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33163	Quartz	SKU	229	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE33167	Quartz	SKU	233	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33168	Quartz	SKU	234	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33169	Quartz	SKU	235	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33170	Quartz	SKU	236	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33171	Quartz	SKU	237	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33172	Quartz	SKU	238	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33173	Quartz	SKU	239	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33174	Quartz	SKU	240	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33155	Quartz	SKU	221	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33156	Quartz	SKU	222	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33157	Quartz	SKU	223	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33158	Quartz	SKU	224	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33159	Quartz	SKU	225	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33160	Quartz	SKU	226	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33161	Quartz	SKU	227	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33162	Quartz	SKU	228	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33164	Quartz	SKU	230	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33165	Quartz	SKU	231	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33166	Quartz	SKU	232	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33102	Quartz	SKU	168	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33103	Quartz	SKU	169	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33104	Quartz	SKU	170	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33105	Quartz	SKU	171	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33106	Quartz	SKU	172	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33107	Quartz	SKU	173	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33108	Quartz	SKU	174	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33109	Quartz	SKU	175	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33110	Quartz	SKU	176	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33111	Quartz	SKU	177	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33112	Quartz	SKU	178	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33113	Quartz	SKU	179	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33114	Quartz	SKU	180	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33115	Quartz	SKU	181	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33116	Quartz	SKU	182	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33117	Quartz	SKU	183	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE33118	Quartz	SKU	184	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33119	Quartz	SKU	185	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33120	Quartz	SKU	186	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33121	Quartz	SKU	187	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33122	Quartz	SKU	188	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33123	Quartz	SKU	189	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33124	Quartz	SKU	190	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33125	Quartz	SKU	191	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33126	Quartz	SKU	192	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33127	Quartz	SKU	193	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33128	Quartz	SKU	194	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33129	Quartz	SKU	195	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33130	Quartz	SKU	196	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33131	Quartz	SKU	197	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33132	Quartz	SKU	198	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33133	Quartz	SKU	199	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33134	Quartz	SKU	200	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33135	Quartz	SKU	201	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33136	Quartz	SKU	202	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33137	Quartz	SKU	203	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33138	Quartz	SKU	204	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33139	Quartz	SKU	205	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33140	Quartz	SKU	206	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33141	Quartz	SKU	207	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33142	Quartz	SKU	208	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33143	Quartz	SKU	209	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33144	Quartz	SKU	210	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33145	Quartz	SKU	211	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33146	Quartz	SKU	212	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33147	Quartz	SKU	213	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33148	Quartz	SKU	214	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33149	Quartz	SKU	215	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33150	Quartz	SKU	216	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32997	Quartz	SKO	30	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32998	Quartz	SKO	31	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE32999	Quartz	SKO	32	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33000	Quartz	SKO	33	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33001	Quartz	SKO	34	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33002	Quartz	SKO	35	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33003	Quartz	SKO	36	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33004	Quartz	SKO	37	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33005	Quartz	SKO	38	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33006	Quartz	SKO	39	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33007	Quartz	SKO	40	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33008	Quartz	SKO	41	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33009	Quartz	SKO	42	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33010	Quartz	SKO	43	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33011	Quartz	SKO	44	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33012	Quartz	SKO	45	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D04	
Whitehorse	YE33183	Quartz	SKU	249	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33184	Quartz	SKU	250	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33185	Quartz	SKU	251	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33186	Quartz	SKU	252	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33187	Quartz	SKU	253	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33188	Quartz	SKU	254	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33189	Quartz	SKU	255	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33190	Quartz	SKU	256	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33151	Quartz	SKU	217	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33152	Quartz	SKU	218	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33153	Quartz	SKU	219	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33154	Quartz	SKU	220	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33175	Quartz	SKU	241	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33176	Quartz	SKU	242	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33177	Quartz	SKU	243	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33178	Quartz	SKU	244	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33179	Quartz	SKU	245	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33180	Quartz	SKU	246	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33181	Quartz	SKU	247	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE33182	Quartz	SKU	248	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32955	Quartz	SKU	155	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE32956	Quartz	SKU	156	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32957	Quartz	SKU	157	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32958	Quartz	SKU	158	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32959	Quartz	SKU	159	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32960	Quartz	SKU	160	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32961	Quartz	SKU	161	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32962	Quartz	SKU	162	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32963	Quartz	SKU	163	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32964	Quartz	SKU	164	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32965	Quartz	SKU	165	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32966	Quartz	SKU	166	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32967	Quartz	SKU	167	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32930	Quartz	SKU	130	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32931	Quartz	SKU	131	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32932	Quartz	SKU	132	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32933	Quartz	SKU	133	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32934	Quartz	SKU	134	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32935	Quartz	SKU	135	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32936	Quartz	SKU	136	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32937	Quartz	SKU	137	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32938	Quartz	SKU	138	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32968	Quartz	SKO	1	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32969	Quartz	SKO	2	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32970	Quartz	SKO	3	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32971	Quartz	SKO	4	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32972	Quartz	SKO	5	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32973	Quartz	SKO	6	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32974	Quartz	SKO	7	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32975	Quartz	SKO	8	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32976	Quartz	SKO	9	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32977	Quartz	SKO	10	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32978	Quartz	SKO	11	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32979	Quartz	SKO	12	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32980	Quartz	SKO	13	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32981	Quartz	SKO	14	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	

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District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE32982	Quartz	SKO	15	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32983	Quartz	SKO	16	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32984	Quartz	SKO	17	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32985	Quartz	SKO	18	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32986	Quartz	SKO	19	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32987	Quartz	SKO	20	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32988	Quartz	SKO	21	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32989	Quartz	SKO	22	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32990	Quartz	SKO	23	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32991	Quartz	SKO	24	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32992	Quartz	SKO	25	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32993	Quartz	SKO	26	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32994	Quartz	SKO	27	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32995	Quartz	SKO	28	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32996	Quartz	SKO	29	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32946	Quartz	SKU	146	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32947	Quartz	SKU	147	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32948	Quartz	SKU	148	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32949	Quartz	SKU	149	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32950	Quartz	SKU	150	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32951	Quartz	SKU	151	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32952	Quartz	SKU	152	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32953	Quartz	SKU	153	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32939	Quartz	SKU	139	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32940	Quartz	SKU	140	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32941	Quartz	SKU	141	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32942	Quartz	SKU	142	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32943	Quartz	SKU	143	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32944	Quartz	SKU	144	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32945	Quartz	SKU	145	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32920	Quartz	SKU	120	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32921	Quartz	SKU	121	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32922	Quartz	SKU	122	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32923	Quartz	SKU	123	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32924	Quartz	SKU	124	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	

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Whitehorse	YE32925	Quartz	SKU	125	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32926	Quartz	SKU	126	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32927	Quartz	SKU	127	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32928	Quartz	SKU	128	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32929	Quartz	SKU	129	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32954	Quartz	SKU	154	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32912	Quartz	SKU	112	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32913	Quartz	SKU	113	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32914	Quartz	SKU	114	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32915	Quartz	SKU	115	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32916	Quartz	SKU	116	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32917	Quartz	SKU	117	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32918	Quartz	SKU	118	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32919	Quartz	SKU	119	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32828	Quartz	SKU	28	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32829	Quartz	SKU	29	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32830	Quartz	SKU	30	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32831	Quartz	SKU	31	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32867	Quartz	SKU	67	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32868	Quartz	SKU	68	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32869	Quartz	SKU	69	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32870	Quartz	SKU	70	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32871	Quartz	SKU	71	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32872	Quartz	SKU	72	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32873	Quartz	SKU	73	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32874	Quartz	SKU	74	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32875	Quartz	SKU	75	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32876	Quartz	SKU	76	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32877	Quartz	SKU	77	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32878	Quartz	SKU	78	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32879	Quartz	SKU	79	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32880	Quartz	SKU	80	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32881	Quartz	SKU	81	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32896	Quartz	SKU	96	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32897	Quartz	SKU	97	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	

Appendix II: List of Claims

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE32898	Quartz	SKU	98	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32899	Quartz	SKU	99	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32900	Quartz	SKU	100	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32901	Quartz	SKU	101	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32902	Quartz	SKU	102	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32903	Quartz	SKU	103	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32904	Quartz	SKU	104	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32905	Quartz	SKU	105	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32906	Quartz	SKU	106	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32907	Quartz	SKU	107	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32832	Quartz	SKU	32	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32833	Quartz	SKU	33	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32834	Quartz	SKU	34	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32835	Quartz	SKU	35	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32836	Quartz	SKU	36	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32837	Quartz	SKU	37	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32839	Quartz	SKU	39	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32841	Quartz	SKU	41	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32842	Quartz	SKU	42	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32843	Quartz	SKU	43	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32844	Quartz	SKU	44	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32845	Quartz	SKU	45	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32846	Quartz	SKU	46	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32847	Quartz	SKU	47	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32848	Quartz	SKU	48	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32849	Quartz	SKU	49	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32882	Quartz	SKU	82	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32883	Quartz	SKU	83	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32884	Quartz	SKU	84	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32885	Quartz	SKU	85	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32886	Quartz	SKU	86	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32887	Quartz	SKU	87	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32888	Quartz	SKU	88	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32889	Quartz	SKU	89	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32890	Quartz	SKU	90	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	

Appendix II: List of Claims

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE32891	Quartz	SKU	91	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32892	Quartz	SKU	92	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32893	Quartz	SKU	93	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32894	Quartz	SKU	94	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32895	Quartz	SKU	95	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32850	Quartz	SKU	50	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32851	Quartz	SKU	51	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32852	Quartz	SKU	52	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32853	Quartz	SKU	53	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32854	Quartz	SKU	54	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32855	Quartz	SKU	55	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32856	Quartz	SKU	56	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32857	Quartz	SKU	57	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32858	Quartz	SKU	58	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32859	Quartz	SKU	59	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32860	Quartz	SKU	60	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32861	Quartz	SKU	61	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32862	Quartz	SKU	62	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32863	Quartz	SKU	63	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32864	Quartz	SKU	64	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32865	Quartz	SKU	65	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32812	Quartz	SKU	12	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32813	Quartz	SKU	13	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32814	Quartz	SKU	14	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32815	Quartz	SKU	15	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32825	Quartz	SKU	25	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32826	Quartz	SKU	26	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32827	Quartz	SKU	27	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32801	Quartz	SKU	1	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32802	Quartz	SKU	2	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32803	Quartz	SKU	3	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32808	Quartz	SKU	8	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32809	Quartz	SKU	9	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32810	Quartz	SKU	10	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32811	Quartz	SKU	11	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	

Appendix II: List of Claims

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	Status	NTS MapNumber	NonStdSize
Whitehorse	YE32908	Quartz	SKU	108	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32909	Quartz	SKU	109	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32910	Quartz	SKU	110	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	
Whitehorse	YE32911	Quartz	SKU	111	New Pacific Metals Corp. - 100%	28/04/2017	Active	105D03	

## **APPENDIX III**

### **VERIFICATION SAMPLES**

- a. Certificates of Analysis**
- b. Certificates of Standard Reference Material**

## **APPENDIX III**

### **VERIFICATION SAMPLES**

#### **a. Certificates of Analysis**



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

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Client: CME Consulting Ltd.
2130 - 21331 Gordon Way
Richmond BC V6W 1J9 Canada

Submitted By: Chris Naas
Receiving Lab: Canada-Vancouver
Received: March 02, 2012
Report Date: March 13, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN12000959.1

CLIENT JOB INFORMATION

Project: Skukum
Shipment ID: P68-2012-03-02
P.O. Number
Number of Samples: 27

SAMPLE DISPOSAL

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

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

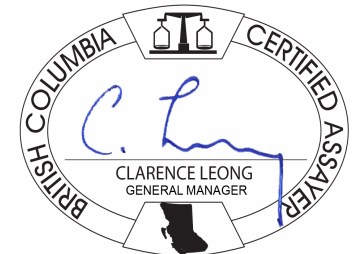
Invoice To: CME Consulting Ltd.
2130 - 21331 Gordon Way
Richmond BC V6W 1J9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Contains 3 rows of sample preparation data.

ADDITIONAL COMMENTS



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



Acme Analytical Laboratories (Vancouver) Ltd.  
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **CME Consulting Ltd.**  
 2130 - 21331 Gordon Way  
 Richmond BC V6W 1J9 Canada

Project: Skukum  
 Report Date: March 13, 2012

Page: 2 of 2 Part 1

## CERTIFICATE OF ANALYSIS

VAN12000959.1

Method	WGHT	G6	7AR	G6Gr	G6Gr
Analyte	Wgt	Au	Ag	Ag	Au
Unit	kg	gm/t	gm/t	gm/t	gm/t
MDL	0.01	0.005	2	50	0.9
291974	Drill Core	2.64	6.864	162	
291976	Drill Core	1.13	>10	>300	558 19.6
291977	Drill Core	0.92	>10	295	293 15.7
291978	Drill Core	6.40	>10	>300	718 14.7
291979	Drill Core	3.44	6.634	205	
291990	Drill Core	2.53	>10	>300	417 23.1
291992	Drill Core	3.78	7.025	>300	332 6.9
292955	Drill Core	1.63	>10	8	<50 66.5
292961	Drill Core	1.98	>10	2	<50 30.9
292964	Drill Core	0.44	9.073	<2	
292965	Drill Core	1.57	>10	2	<50 13.0
292980	Drill Core	1.93	6.462	<2	
292984	Drill Core	0.87	4.943	3	
87-365-A	Drill Core	0.13	0.071	<2	
87-365-B	Drill Core	0.17	>10	183	182 87.6
87-365-C	Drill Core	0.11	0.165	<2	
87-365-D	Drill Core	0.23	>10	>300	458 85.3
87-365-E	Rock	0.55	0.007	<2	
88-277-A	Drill Core	0.15	0.248	3	
88-277-B	Drill Core	0.14	0.101	<2	
88-277-C	Drill Core	0.13	1.035	2	
88-277-D	Drill Core	0.20	3.842	<2	
88-277-E	Drill Core	0.16	0.122	<2	
88-277-F	Drill Core	0.08	0.042	<2	
88-277-G	Drill Core	0.08	0.023	3	
88-277-H	Drill Core	0.11	0.099	<2	
88-277-I	Rock Pulp	0.15	<0.005	<2	



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Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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2130 - 21331 Gordon Way  
Richmond BC V6W 1J9 Canada

Project: Skukum

Report Date: March 13, 2012

Page: 1 of 2 Part 1

# QUALITY CONTROL REPORT

VAN12000959.1

Method	WGHT	G6	7AR	G6Gr	G6Gr	
Analyte	Wgt	Au	Ag	Ag	Au	
Unit	kg	gm/t	gm/t	gm/t	gm/t	
MDL	0.01	0.005	2	50	0.9	
Pulp Duplicates						
291976	Drill Core	1.13	>10	>300	558	19.6
REP 291976	QC				554	19.7
292965	Drill Core	1.57	>10	2	<50	13.0
REP 292965	QC				<50	13.0
Core Reject Duplicates						
291974	Drill Core	2.64	6.864	162		
DUP 291974	QC		6.580	162		
Reference Materials						
STD AGPROOF	Standard				92	<0.9
STD AGPROOF	Standard				98	<0.9
STD CDN-ME-9	Standard			3		
STD OREAS153AR	Standard			<2		
STD OXH82	Standard		1.251			
STD OXH82	Standard		1.261			
STD OXK79	Standard		3.485			
STD OXK79	Standard		3.598			
STD OXK94	Standard		3.480			
STD OXK94	Standard		3.582			
STD SP49	Standard				58	18.4
STD SP49	Standard				54	18.3
STD OXH82 Expected			1.278			
STD OXK79 Expected			3.532			
STD OXK94 Expected			3.562			
STD SP49 Expected					60.2	18.34
STD AGPROOF Expected					94	0
BLK	Blank			<2		
BLK	Blank		<0.005			
BLK	Blank		<0.005			



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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

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2130 - 21331 Gordon Way  
Richmond BC V6W 1J9 Canada

Project: Skukum

Report Date: March 13, 2012

Page: 2 of 2 Part 1

# QUALITY CONTROL REPORT

# VAN12000959.1

		WGHT	G6	7AR	G6Gr	G6Gr
		Wgt	Au	Ag	Ag	Au
		kg	gm/t	gm/t	gm/t	gm/t
		0.01	0.005	2	50	0.9
BLK	Blank				<50	<0.9
BLK	Blank				<50	<0.9
BLK	Blank				<50	<0.9
BLK	Blank				<50	<0.9
Prep Wash						
G1	Prep Blank	<0.01	<0.005	<2		
G1	Prep Blank	<0.01	<0.005	<2		



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Client: CME Consulting Ltd.
2130 - 21331 Gordon Way
Richmond BC V6W 1J9 Canada

Submitted By: Matt Osborne
Receiving Lab: Canada-Vancouver
Received: March 23, 2012
Report Date: April 09, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN12001282.1

CLIENT JOB INFORMATION

Project: Skukum
Shipment ID:
P.O. Number
Number of Samples: 27

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days

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

Invoice To: CME Consulting Ltd.
2130 - 21331 Gordon Way
Richmond BC V6W 1J9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include No Prep, G603, and G6Gr.

ADDITIONAL COMMENTS



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



Acme Analytical Laboratories (Vancouver) Ltd.  
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **CME Consulting Ltd.**  
 2130 - 21331 Gordon Way  
 Richmond BC V6W 1J9 Canada

Project: Skukum  
 Report Date: April 09, 2012

Page: 2 of 2 Part 1

## CERTIFICATE OF ANALYSIS

VAN12001282.1

Method	G6	7AR	G6Gr	G6Gr	
Analyte	Au	Ag	Ag	Au	
Unit	gm/t	gm/t	gm/t	gm/t	
MDL	0.005	2	50	0.9	
289652	Rock Pulp	>10	96	92	42.4
289653	Rock Pulp	>10	76	76	38.9
289654	Rock Pulp	>10	40	<50	23.2
289655	Rock Pulp	>10	65	61	29.8
289656	Rock Pulp	7.612	17		
289657	Rock Pulp	>10	42	<50	18.1
289658	Rock Pulp	>10	59	I.S.	I.S.
289659	Rock Pulp	>10	41	<50	18.0
289660	Rock Pulp	>10	60	60	27.0
289661	Rock Pulp	0.907	3		
289662	Rock Pulp	>10	39	<50	14.0
289663	Rock Pulp	8.810	30		
8R291974	Rock Pulp	6.581	165		
8R291976	Rock Pulp	>10	>300	575	19.9
8R291977	Rock Pulp	>10	>300	284	15.7
8R291978	Rock Pulp	>10	>300	714	14.6
8R291979	Rock Pulp	6.688	190		
8R291980A	Rock Pulp	0.022	<2		
8R291990	Rock Pulp	>10	>300	406	24.9
8R291992	Rock Pulp	8.164	>300	371	7.6
8R292955	Rock Pulp	>10	5	<50	73.3
8R292961	Rock Pulp	>10	<2	<50	26.2
8R292962A	Rock Pulp	2.091	5		
8R292964	Rock Pulp	6.208	<2		
8R292965	Rock Pulp	>10	3	<50	17.3
8R292980	Rock Pulp	6.289	<2		
8R292984	Rock Pulp	5.213	3		



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Richmond BC V6W 1J9 Canada

Project: Skukum

Report Date: April 09, 2012

Page: 1 of 1 Part 1

## QUALITY CONTROL REPORT

VAN12001282.1

Method		G6	7AR	G6Gr	G6Gr
Analyte		Au	Ag	Ag	Au
Unit		gm/t	gm/t	gm/t	gm/t
MDL		0.005	2	50	0.9
Pulp Duplicates					
8R291976	Rock Pulp	>10	>300	575	19.9
REP 8R291976	QC		>300		
8R292962A	Rock Pulp	2.091	5		
REP 8R292962A	QC	2.082			
Reference Materials					
STD AGPROOF	Standard			93	<0.9
STD AGPROOF	Standard			92	<0.9
STD CDN-ME-9A	Standard		3		
STD OREAS153AR	Standard		<2		
STD OXH82	Standard	1.352			
STD OXK94	Standard	3.824			
STD SP49	Standard			55	17.9
STD SP49	Standard			63	18.4
STD OXH82 Expected		1.278			
STD OXK94 Expected		3.562			
STD SP49 Expected				60.2	18.34
STD AGPROOF Expected				94	0
BLK	Blank	0.014			
BLK	Blank	<0.005			
BLK	Blank			<50	<0.9
BLK	Blank			<50	<0.9
BLK	Blank		<2		
BLK	Blank			<50	<0.9
BLK	Blank			<50	<0.9



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Acme Analytical Laboratories (Vancouver) Ltd.

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Client: CME Consulting Ltd.
2130 - 21331 Gordon Way
Richmond BC V6W 1J9 Canada

Submitted By: Matt Osborne
Receiving Lab: Canada-Vancouver
Received: April 25, 2012
Report Date: May 18, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN12001968.1

CLIENT JOB INFORMATION

Project: Skukum
Shipment ID: P68-3
P.O. Number
Number of Samples: 13

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

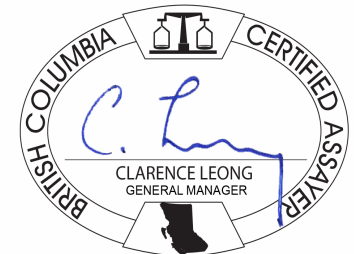
Invoice To: CME Consulting Ltd.
2130 - 21331 Gordon Way
Richmond BC V6W 1J9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-250, G603, and G6Gr.

ADDITIONAL COMMENTS



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



Acme Analytical Laboratories (Vancouver) Ltd.  
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

[www.acmelab.com](http://www.acmelab.com)

**Client:** CME Consulting Ltd.  
 2130 - 21331 Gordon Way  
 Richmond BC V6W 1J9 Canada

**Project:** Skukum  
**Report Date:** May 18, 2012

**Page:** 2 of 2

**Part:** 1 of 1

# CERTIFICATE OF ANALYSIS

VAN12001968.1

	Method	WGHT	G6	7AR	G6Gr
	Analyte	Wgt	Au	Ag	Au
	Unit	kg	gm/t	gm/t	gm/t
	MDL	0.01	0.005	2	0.9
289652	Rock	2.02	>10	104	45.9
289653	Rock	2.32	>10	79	40.0
289654	Rock	1.90	>10	44	25.0
289655	Rock	1.93	>10	68	31.8
289656	Rock	2.35	8.128	20	
289657	Rock	2.08	>10	41	16.8
289658	Rock	2.01	>10	57	25.1
289659	Rock	1.86	>10	49	21.0
289660	Rock	2.24	>10	60	25.4
289661	Rock	2.71	0.815	3	
289662	Rock	2.70	>10	39	13.4
289663	Rock	2.39	8.313	30	
289663A	Rock Pulp	0.18	2.179	4	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **CME Consulting Ltd.**

2130 - 21331 Gordon Way  
Richmond BC V6W 1J9 Canada

Project: Skukum

Report Date: May 18, 2012

Page: 1 of 1

Part: 1 of 1

## QUALITY CONTROL REPORT

VAN12001968.1

Method	WGHT	G6	7AR	G6Gr
Analyte	Wgt	Au	Ag	Au
Unit	kg	gm/t	gm/t	gm/t
MDL	0.01	0.005	2	0.9
Pulp Duplicates				
289655	Rock	1.93	>10	68
REP 289655	QC		68	
REP 289658	QC			25.2
Core Reject Duplicates				
289658	Rock	2.01	>10	57
DUP 289658	QC		>10	58
Reference Materials				
STD AGPROOF	Standard			<0.9
STD CDN-ME-9A	Standard		3	
STD CDN-ME-14A	Standard		44	
STD OXG99	Standard	0.944		
STD OXK94	Standard	3.676		
STD SP49	Standard			18.4
STD OXK94 Expected		3.562		
STD OXG99 Expected		0.932		
STD SP49 Expected				18.34
STD AGPROOF Expected				0
STD CDN-ME-14A Expected			42	
BLK	Blank	0.010		
BLK	Blank	<0.005		
BLK	Blank			<0.9
BLK	Blank			<0.9
BLK	Blank		<2	
Prep Wash				
G1	Prep Blank	<0.005	<2	
G1	Prep Blank	<0.005	<2	

## **APPENDIX III**

### **VERIFICATION SAMPLES**

#### **b. Certificates of Standard Reference Material**

# CDN Resource Laboratories Ltd.

#2, 20148 – 102<sup>nd</sup> Avenue, Langley, B.C., Canada, V1M 4B4, 604-882-8422, Fax: 604-882-8466 (www.cdnlabs.com)

## REFERENCE MATERIAL: CDN-GS-P2A

Recommended value and the "Between Laboratory" two standard deviations

**Gold concentration:  $0.229 \pm 0.030$  g/t (30g Fire Assay / instrumental finish)**

**PREPARED BY:** CDN Resource Laboratories Ltd.  
**CERTIFIED BY:** Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia  
**INDEPENDENT GEOCHEMIST:** Dr. Barry Smee., Ph.D., P. Geo.  
**DATE OF CERTIFICATION:** August 16, 2011

### **ORIGIN OF REFERENCE MATERIAL:**

Standard CDN-GS-P2A was prepared using ore supplied by Barrick Gold Inc. from their Bald Mountain Mine in Nevada, USA. It is Carlin Style Mineralization in the prolific Battle Mountain-Eureka Trend in Northern Nevada, USA. The material is from breccias near the contact between the Mississippian Pilot Shale and the underlying Devonian Guilmette formation. Near the center of the system, micron-sized native Au occurs with base metal sulfides and sulfosalts. In peripheral deposits and in later stages of mineralization, Au is typically submicron in size and resides in pyrite or arsenopyrite.

### **METHOD OF PREPARATION:**

Reject ore material was dried, crushed, pulverized and then passed through a 270 mesh screen. The +270 material was discarded. The -270 material was mixed for 5 days in a double-cone blender. Splits were taken and sent to 15 commercial laboratories for round robin assaying. Round robin results are displayed below:

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
SAMPLE	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t
GS-P2A-1	0.241	0.268	0.242	0.245	0.228	0.228	0.216	0.207	0.238	0.238	0.230	0.271	0.23	0.220	0.234
GS-P2A-2	0.262	0.247	0.232	0.235	0.226	0.231	0.218	0.217	0.230	0.230	0.232	0.232	0.24	0.217	0.215
GS-P2A-3	0.252	0.256	0.244	0.250	0.215	0.211	0.204	0.204	0.223	0.250	0.225	0.253	0.21	0.211	0.212
GS-P2A-4	0.262	0.252	0.241	0.245	0.225	0.222	0.217	0.206	0.226	0.227	0.229	0.247	0.26	0.235	0.214
GS-P2A-5	0.252	0.266	0.229	0.245	0.232	0.235	0.206	0.211	0.236	0.221	0.225	0.261	0.25	0.234	0.231
GS-P2A-6	0.254	0.269	0.248	0.235	0.21	0.220	0.217	0.215	0.217	0.233	0.209	0.230	0.22	0.238	0.211
GS-P2A-7	0.266	0.264	0.247	0.230	0.215	0.223	0.222	0.202	0.230	0.217	0.239	0.252	0.20	0.230	0.220
GS-P2A-8	0.253	0.269	0.226	0.225	0.228	0.212	0.207	0.204	0.218	0.220	0.241	0.246	0.26	0.235	0.202
GS-P2A-9	0.264	0.266	0.248	0.260	0.227	0.192	0.232	0.201	0.232	0.227	0.223	0.244	0.23	0.232	0.235
GS-P2A-10	0.270	0.260	0.244	0.220	0.237	0.233	0.204	0.206	0.213	0.225	0.220	0.236	0.22	0.239	0.229
Mean	0.258	0.262	0.240	0.239	0.224	0.221	0.214	0.207	0.226	0.229	0.227	0.247	0.232	0.229	0.220
Std. Dev'n	0.0087	0.0077	0.0084	0.0122	0.0084	0.0130	0.0091	0.0054	0.0084	0.0097	0.0093	0.0128	0.0204	0.0096	0.0113
%RSD	3.37	2.94	3.50	5.11	3.75	5.88	4.23	2.59	3.71	4.25	4.08	5.18	8.81	4.21	5.14

*Note: Results from Laboratory 2 were removed for failing the t test.*

### APPROXIMATE CHEMICAL COMPOSITION:

	Percent			Percent			ppm
SiO <sub>2</sub>	87.7		Na <sub>2</sub> O	< 0.1		As	540
Al <sub>2</sub> O <sub>3</sub>	1.0		MgO	0.1		Sb	60
Fe <sub>2</sub> O <sub>3</sub>	4.5		K <sub>2</sub> O	0.2			
CaO	1.4		TiO <sub>2</sub>	0.5			
MnO	< 0.1		LOI	2.1			
Total S	0.6		Total C	0.3			

**REFERENCE MATERIAL: CDN-GS-P2A**

**Statistical Procedures:**

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The mean and standard deviation were calculated using all remaining data. Any analysis that fell outside of the mean  $\pm 2$  standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

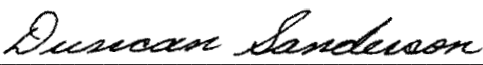
Participating Laboratories: (not in same order as table of assays)

Acme Analytical Laboratories Ltd., Vancouver, B.C., Canada  
Activation Laboratories, Ancaster, Ontario, Canada  
Activation Laboratories, Thunder Bay, Ontario, Canada  
AGAT Laboratories Ltd., Mississauga, Ontario, Canada  
ALS Chemex, North Vancouver, B.C., Canada  
American Assay Laboratories, Nevada, USA  
Alex Stewart, Mendoza, Argentina  
Alex Stewart, Kamloops, B.C., Canada  
Genalysis Lab Services, Australia  
Inspectorate, Richmond, B.C., Canada  
OMAC Laboratories Ltd., Ireland  
SGS, Lima, Peru  
Skyline, Tucson, USA  
TSL Laboratories Ltd., Saskatoon, SK, Canada  
Ultra Trace Laboratories Ltd., Australia


Legal Notice:

This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. nor Barry Smee accept any liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by

  
Duncan Sanderson, Certified Assayer of B.C.

Geochemist

  
Dr. Barry Smee, Ph.D., P. Geo.

# CDN Resource Laboratories Ltd.

#2, 20148 - 102nd Avenue, Langley, B.C., Canada, V1M 4B4, Ph: 604-882-8422 Fax: 604-882-8466  
(www.cdnlabs.com)

## STANDARD REFERENCE MATERIAL: CDN-BL-10

Recommended values:

*Gold concentration:* < 0.01 g/t

*Platinum concentration:* < 0.01 g/t

*Palladium concentration:* < 0.01 g/t

**PREPARED BY:** CDN Resource Laboratories Ltd.  
**CERTIFIED BY:** Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia  
**INDEPENDENT GEOCHEMIST:** Dr. Barry Smee., Ph. D., P. Geo.  
**DATE OF CERTIFICATION:** November 25, 2011

### **ORIGIN OF REFERENCE MATERIAL:**

Standard CDN-BL-10 was prepared using a blank granitic material.

### **METHOD OF PREPARATION:**

The granitic material was dried, crushed, pulverized and then passed through a 270 mesh screen. The +270 material was discarded. The -270 (<53 micron) material was mixed for 5 days in a double-cone blender. Splits were taken and sent to 12 commercial laboratories for round robin assaying. Round robin results are displayed on the next page.

### APPROXIMATE CHEMICAL COMPOSITION (by whole rock analysis):

	Percent		Percent
SiO <sub>2</sub>	69.7	Na <sub>2</sub> O	3.1
Al <sub>2</sub> O <sub>3</sub>	12.3	MgO	2.3
Fe <sub>2</sub> O <sub>3</sub>	5.2	K <sub>2</sub> O	0.9
CaO	3.8	TiO <sub>2</sub>	0.6
MnO	0.1	LOI	1.9
		S	<0.1

Statistical Procedures: There was no statistical analysis performed on the data.

Participating Laboratories: (not in same order as table of assays)

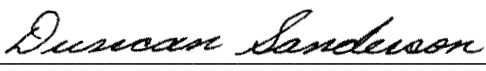
Acme Analytical Laboratories Ltd., Vancouver  
Actlabs, Ancaster, Ontario  
Actlabs, Thunder Bay, Ontario  
ALS Chemex Laboratories, North Vancouver  
AGAT, Mississauga, Ontario  
AHK, Alaska, USA  
Alex Stewart, Mendoza, Argentina  
TSL Laboratories, Saskatoon  
Genalysis, Perth, Australia  
Labtium, Finland  
SGS, Lima, Peru  
Ultra Trace, Perth, Australia


**Assay Procedure: assays were fire assay, AA or ICP finish on 30g samples.**

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12
Sample	Au ppm	Au ppm	Au ppm	Au ppm	Au ppm	Au ppm	Au ppm	Au ppm	Au ppm	Au ppm	Au ppm	Au ppm
CDN-BL-10-1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-8	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01
CDN-BL-10-9	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Pt ppm	Pt ppm	Pt ppm	Pt ppm	Pt ppm	Pt ppm	Pt ppm	Pt ppm	Pt ppm	Pt ppm	Pt ppm	Pt ppm
CDN-BL-10-1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.01
CDN-BL-10-2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01
CDN-BL-10-3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01
CDN-BL-10-4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01
CDN-BL-10-5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01
CDN-BL-10-6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01
CDN-BL-10-7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01
CDN-BL-10-8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.01
CDN-BL-10-9	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01
CDN-BL-10-10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01
	Pd ppm	Pd ppm	Pd ppm	Pd ppm	Pd ppm	Pd ppm	Pd ppm	Pd ppm	Pd ppm	Pd ppm	Pd ppm	Pd ppm
CDN-BL-10-1	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-5	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-9	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CDN-BL-10-10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Legal Notice:

This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. nor Barry Smee accept any liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by   
 Duncan Sanderson, Certified Assayer of B.C.

Geochemist   
 Dr. Barry Smee, Ph.D., P. Geo.