

**Assessment Report**

**Geological Mapping and Rock Geochemical Sampling  
on the  
“Risby Creek” Project**

61°43'13" N Latitude, 130° 51' 56" W. Longitude  
401350E, 6844400N, Zone 9  
RC 13 – 180 claims (YC94775 – YC94942)  
NTS Sheets 105G/10, 105G/11, 105G/15, 105G/16  
**Watson Lake Mining District**

Effective Date: Oct 20, 2009

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Nov 20, 2009

## Summary

In June 2009, Newrise Resources, owned by Mr. Peter Risby, staked the RC 13-180 claims along the Robert Campbell Highway about 120 km east-southeast of the village of Ross River, southeast Yukon, Canada. The claims cover the extent of an east-southeast trending unit of Carboniferous massive crinoidal limestone. This unit was believed to be the origin of abundant auriferous mineralized boulders and a small similar in-situ showing, called the “Risby Creek occurrence” discovered by Mr. Risby in May 2009 along “Risby Creek”, a small stream roughly 0.5 km north of the Robert Campbell Highway. Highly variable gold values to 26.2 g/t were returned from the May program.

The Risby Creek property is located with an allochthon of Paleozoic Yukon Tanana Terrane (the “Yukon Banana”) which has undergone a southeast, dextral displacement of 450 km along the northeast side of the Tintina Fault zone. Tectonism occurred throughout the Yukon-Tanana Terrane from Triassic to early Cretaceous time.

The property itself parallels a unit of Carboniferous Campbell Range Succession, consisting of undifferentiated metavolcanic and metasedimentary rock occurring as a klippe bounded by the north-dipping Money Creek Fault along the south boundary and the south dipping Jules Creek Thrust marking the northern boundary. The klippe hosts the narrow unit of massive grey bioclastic crinoidal limestone located roughly midway within the undifferentiated unit. However, mapping by All-Terrane Services indicated the occurrence and immediate area is located within foliated thin bedded phyllite interbedded with thicker beds of calcareous sandstone to limestone, the latter providing the setting for strongly silicified, saccharoidal, pyritic +/- auriferous mineralization comprising the occurrence. This suggests the host is more likely a larger unit of dark grey phyllite with diamictite and minor limestone, extending to the southeast of the occurrence.

The property was examined by Underworld Resources Ltd. in late June 2009, focusing largely on the Risby Creek occurrence, confirming a high variability of gold grades. In September 2009, All-Terrane Services conducted due-diligence style detailed chip and “semi-panel” sampling at the occurrence, with the objective of determining as accurate representation of true gold grades as possible. This phase confirmed the presence of gold mineralization, with an approximate reliable upper limit of grade over width of about 1.5 g/t gold.

Sampling of mineralized boulders suggests at least two populations of auriferous material: an arsenic-rich group (Population 1) and a separate arsenic-poor population (Population 2). This suggests at least two gold mineralizing pulses within a multi-pulsed system. A large “Population 1” boulder downstream of the main cluster of boulders suggests a separate source along the west side of Risby Creek and the potential for multiple mineralized occurrences.

The saccharoidal nature of pyritic quartz veins and wallrock suggests a pre-tectonic origin of mineralization. Tectonism in this portion of Yukon ceased prior to emplacement of the late Cretaceous (110 – 70 Ma) Tintina Gold Belt intrusions. This suggests a late Paleozoic origin, possibly from hydromagmatic fluids originating from members of the nearby Grass Lakes

Plutonic Suite. This would represent a previously unrecognized and potentially important setting in this area, providing potential for similar occurrences in the Risby Creek area.

A two-phased exploration program is recommended for 2010, consisting of an early phase of systematic silt sampling, some reconnaissance-style soil sampling, geological mapping and prospecting across the property, to determine the presence of gold geochemical anomalies. Phase 2 is recommended to consist of detailed systematic soil sampling, geological mapping and prospecting in anomalous areas determined from Phase 1.

Phase 1, which may be done by a four-person crew based at Ross River, Yukon, may be done in early June; Phase 2, utilizing a five-person crew camping along the Robert Campbell Highway, may be done in early August following compilation of results. Phase 1 expenditures, including pre-program preparatory work and supplies acquisition for both phases and a 15% contingency, stand at **CDN\$29,972**. Phase 2 expenditures, including report writing for the entire project, and a 15% contingency stand at **CDN\$97,332**. Total project expenditures stand at **CDN\$127,294**.

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## 1.0 Introduction

### 1.1 Introduction

In June 2009, Newrise Resources staked the RC 13-180 claims covering the extent of an east-southeast trending unit of Upper Mississippian to Middle Pennsylvanian massive crinoidal limestone within a package of similarly aged intermediate to felsic metavolcanics, carbonate rocks, greywacke and phyllites along the hanging wall of the Money Creek fault (INAC, 2001). This unit was believed to be the host of abundant boulders discovered by Mr. Peter Risby in May, 2009 in “Risby Creek” (unofficial name), a small stream roughly 0.5 km north of the Robert Campbell Highway. Sampling of these boulders returned numerous anomalous gold values to 26.2 g/t from silicified calcareous sandstone to limestone.

The 2009 program consisted of a three-day property visit, including rock and soil sampling by representatives of Underworld Resources Ltd. in June 2009, and a subsequent four-day program of geological mapping and detailed rock sampling in September, 2009. The program included additional sampling in September by Mr. Risby, as well as larger samples obtained by Mr. Risby for metallic screen fire assay (MSFA) and metallic assay, to determine potential coarse gold effect.

The claims are 100% held by Newrise Resources of Calgary, Alberta. This report is prepared to satisfy assessment requirements of the Yukon Mining Recorder (Watson Lake Mining District).

### 1.2 Sources of Information

The main sources of information for this report are Open File 2001-33 by the Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, a report by Underworld Resources Ltd, and the results of the September, 2009 program. Results from pre-acquisition exploration are not included in this report, although select results are referred to.

**Disclaimer:** The author cannot verify results from the June 2009 property visit by Underworld Resources Inc. Although this author has no reason to question the results, the samples were obtained and analyzed prior to his involvement.

## 2.0 Property Description and Location

The Risby Creek property consists of 168 full-sized Yukon quartz mining claims (RC 13-180, YC94775 – YC94942) covering 3,528 hectares (8.714 acres). All claims are located within the Watson Lake Mining District of Yukon, are unpatented and in good standing as of November, 2009. The property is centered at 61° 44' 72" N Latitude, 130°, 55' 41" W Longitude (398200E, 6847350N, Zone 9), although the majority of work was concentrated on a single claim, RC146 (YC94908), centered at 61°43'13" N Latitude, 130° 51' 56" W. Longitude (UTM NAD 83 coordinates 401350E, 6844400N, Zone 9).

All claims are 100% held by Peter Risby, owner of Newrise Resources. The expiration date of all claims prior to filing of this report is June 17, 2010. The only known mineralized occurrence, the "Risby Creek occurrence", consisting of vein and replacement-style gold with minor silver and arsenic, is located on Claim RC146. There are no known mineral reserves or resources, no known significant cultural disturbances, tailings ponds, mine workings or waste deposits. The Robert Campbell Highway extends through the southern portion of the claim block in central and western areas; the claim block extends roughly parallel to the highway.

There are no obligations regarding royalties, back-in rights, payments or other agreements or encumbrances applying to the property, nor are there any known environmental liabilities.

### **3.0 Accessibility, Climate, Local Resources, Infrastructure and Physiography**

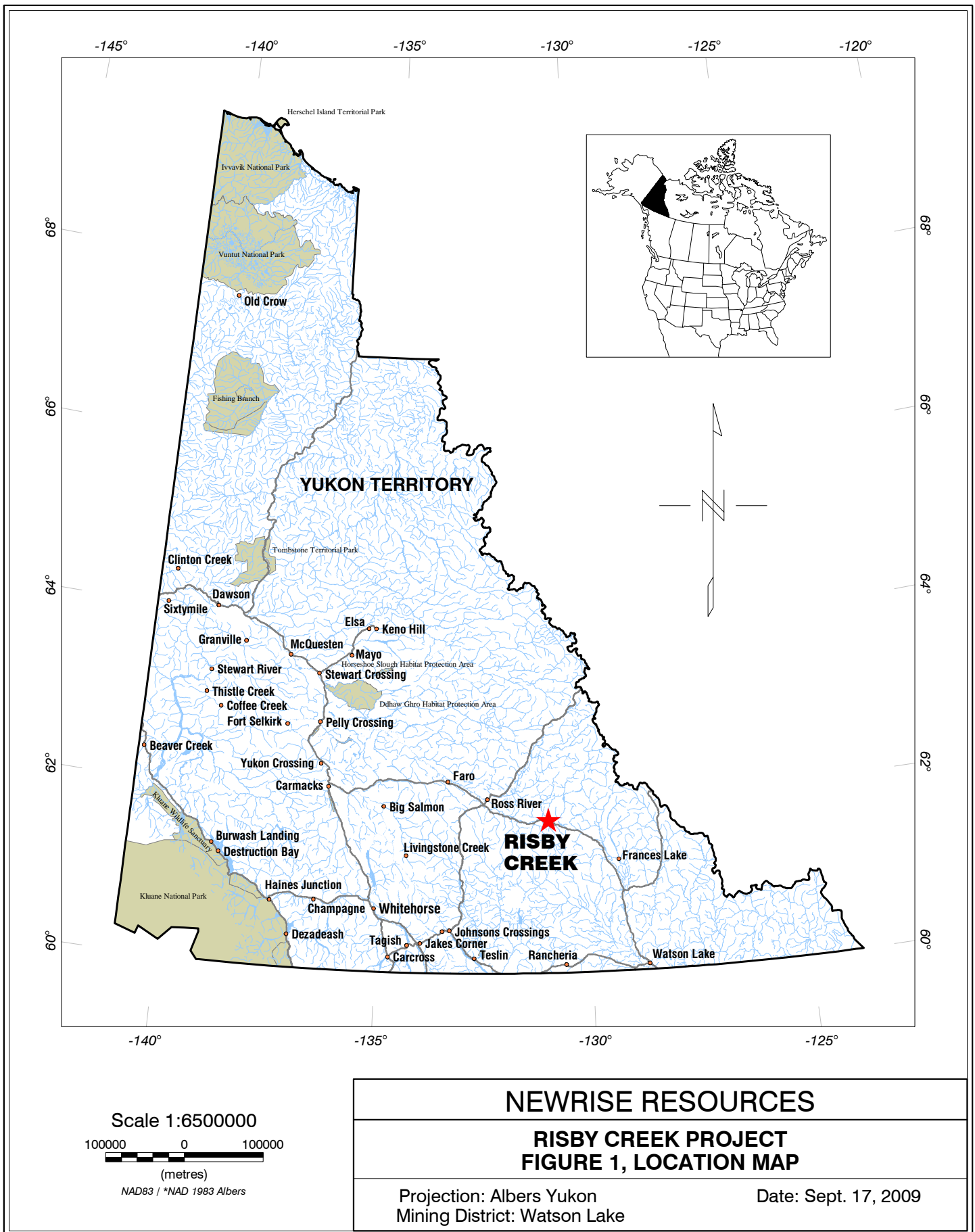
The Risby Creek property covers an area of fairly gentle relief with elevations ranging from just under 3,000 feet (915 metres) to about 3,800 feet (1,160 metres). Steep ravines caused by fluvial erosion occur along small streams, notably in the explored area of Claim RC146. The property is covered by typical northern boreal forest vegetation consisting largely of white spruce, with poplar groves occurring along drier, south-facing slopes.

The climate is subarctic, with short, cool summers with average daily highs in the 15° to 20° C range, although warmer temperatures are common. Winters are very cold, with somewhat more than 0.5 metres of snowpack accumulation and average daily highs in the -20° C range; occasionally temperatures can attain -50° C. Precipitation is fairly light, averaging slightly less than 20 inches (50 cm) per year. The field season typically extends from late May to late September.

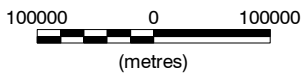
The property is easily accessible year-round via the gravel all-weather Robert Campbell Highway, roughly 110 km east-southeast of the Village of Ross River. The highway extends within the claim block in central and western areas, and directly south of it in eastern areas. Several trails usable by all-terrain vehicles extend northward across the property from the Robert Campbell Highway.

The property is large enough to contain mining operations, tailings and waste disposal areas, heap leach pads and potential processing sites. Abundant water for drilling and mining and milling activities is available from Campbell Creek, extending along the southern property margin. Limited water is also available from several small streams and ponds within the property.

Ross River, located 120 km to the west along the Robert Campbell Highway, is on the eastern limit of Yukon's major electric power grid; however no closer access to power exists. Ross River, population about 350, has basic services, including hotel accommodations, fuel, groceries and basic hardware. The town has an available workforce for entry-level positions; Whitehorse, roughly 400 km from Ross River, is a full service community with a highly skilled workforce.



Scale 1:6500000



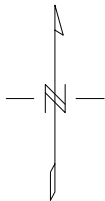
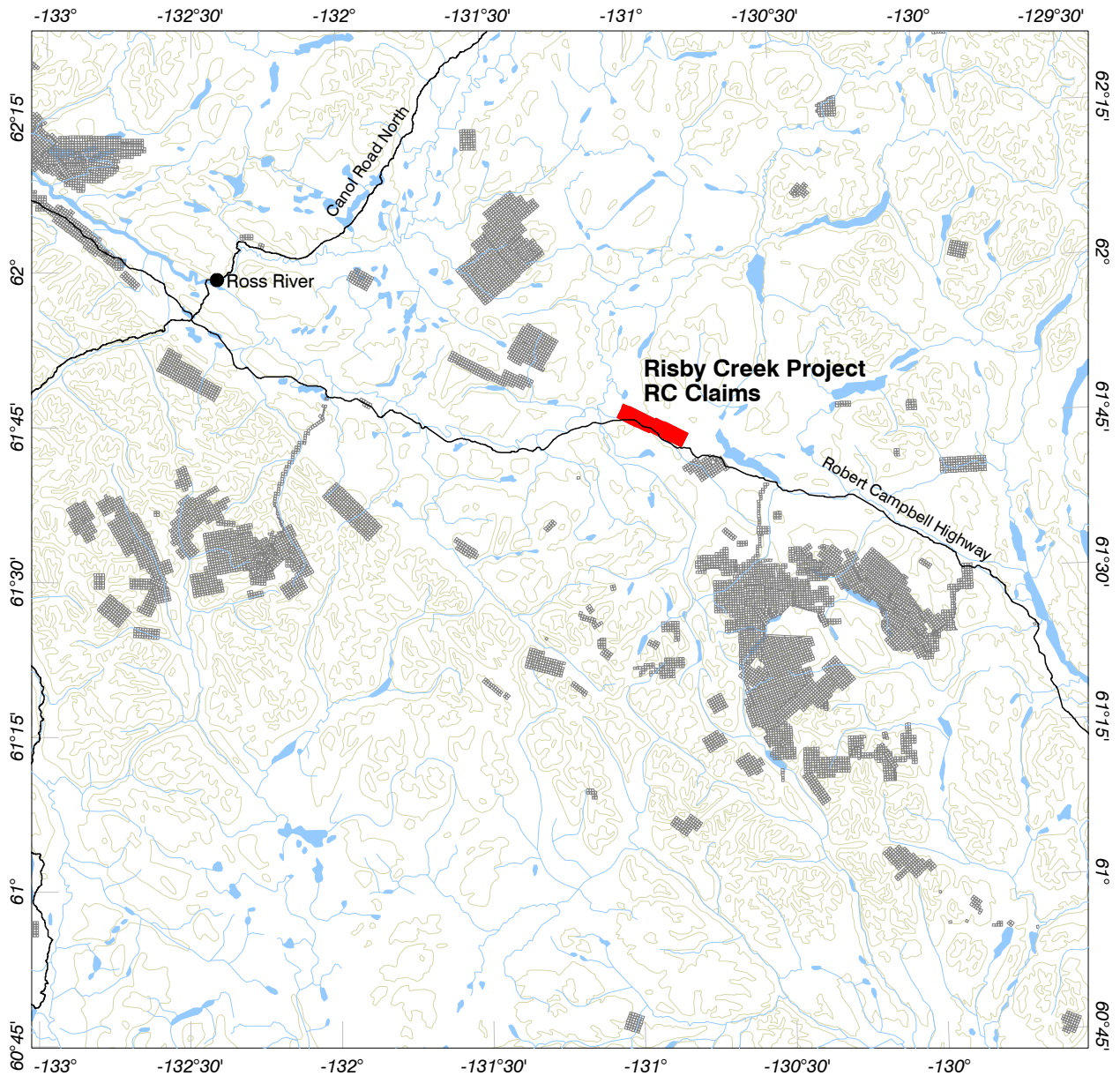
NAD83 / \*NAD 1983 Albers

**NEWRISE RESOURCES**

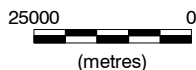
**RISBY CREEK PROJECT  
FIGURE 1, LOCATION MAP**

Projection: Albers Yukon  
Mining District: Watson Lake

Date: Sept. 17, 2009



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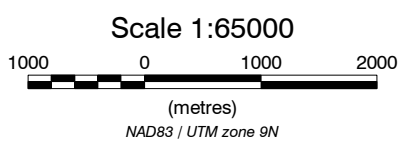
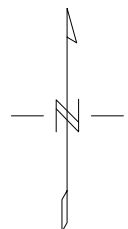
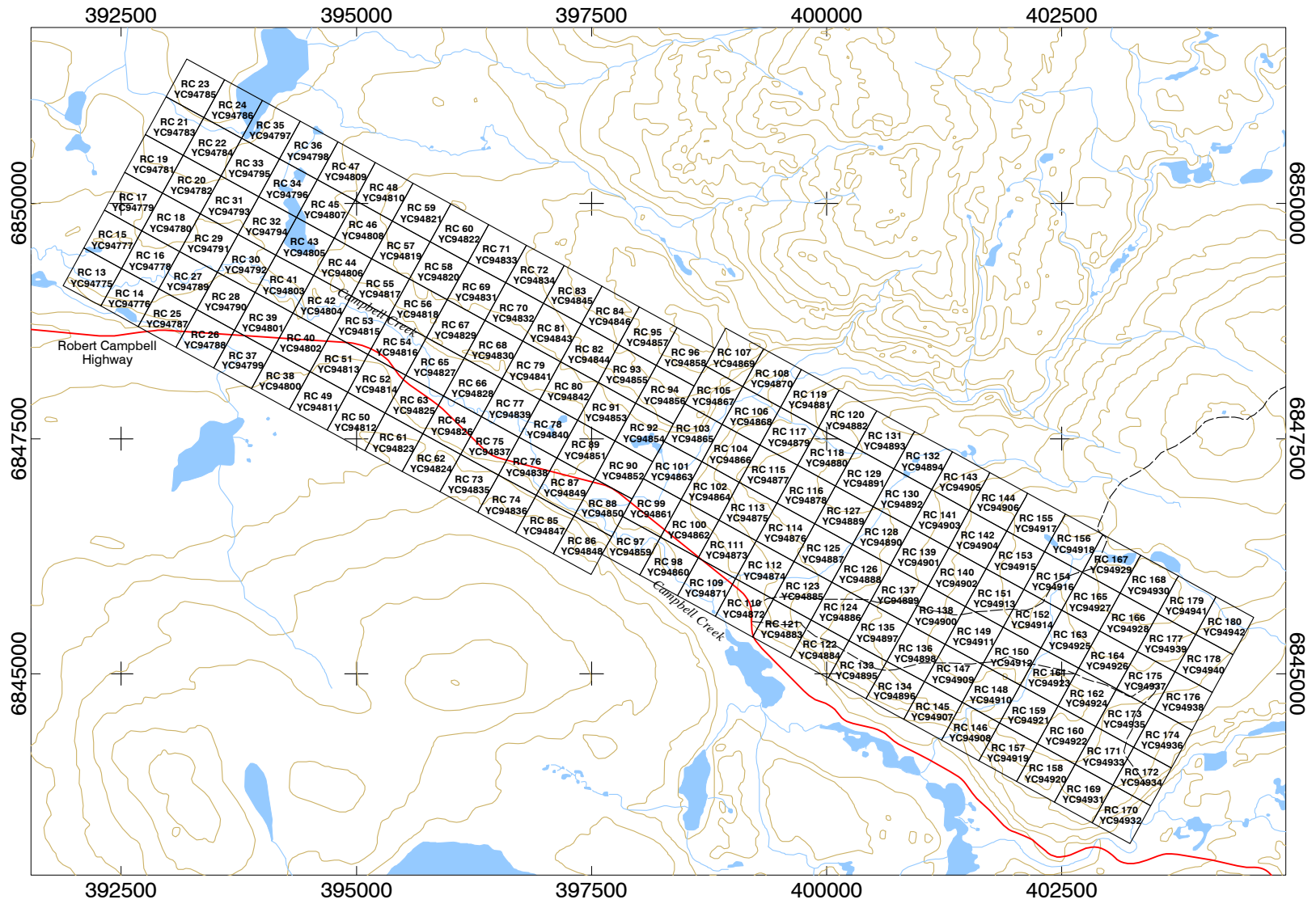
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**NEWRISE RESOURCES**

**RISBY CREEK PROJECT  
FIGURE 2, REGIONAL LOCATION MAP**

Projection: Albers Yukon  
Mining District: Watson Lake

Date: Nov. 21, 2009



## NEWRISE RESOURCES

### RISBY CREEK PROJECT FIGURE 3, CLAIM MAP

NTS: 105 G/10, 11, 14 & 15  
Date: 21 Nov 09

Mining District: Watson Lake  
Drawn by: HDS/RS

**Stewart Basin Exploration**



## 4.0 History

No record of prior exploration is known of the mineralized occurrence on Claim RC146. The present claim block is underlain by the “Big Campbell Thrust Sheet” (also called the Campbell Range Succession) and contains one coal occurrence, called the CAMPBELL occurrence (Yukon Minfile No. 105G 053). This consists of “drift” boulders of lignite along the north side of Campbell Creek towards the southwestern corner of the property. No bedrock source has been found (Minfile Occurrence 105G 053, Yukon Minfile, 2009).

The western area, centered on the ADDISON occurrence (Yukon Minfile occurrence 105G 101), about 1.5 km west of the west property boundary, was staked as the PELLY 1-200 claims by Kerr Addison Mines Ltd. in April 1978. Kerr Addison conducted ground magnetic and electromagnetic surveying, soil sampling and conducted a 3-hole diamond drilling program totalling 443 metres. The drilling returned no mineralization except for traces of pyrite, although one hole intersected carbonate-hosted porphyry dykes (Yukon Minfile, 2009). The area was re-staked as the AU 1-378 claims by Lawrence Barry in May, 1996, who optioned the claims to Consolidated Shoshoni Gold Inc. in March 1997. Consolidated Shoshoni flew an airborne survey consisting of magnetometer, electromagnetic and VLF-EM surveying, revealing a number of “second and third priority” conductors. No ground follow-up has been noted.

A third occurrence, called the BOX occurrence (Yukon Minfile No. 105G 091), is located about 2.0 km east of the northeast property corner. Expatriate Resources Ltd. staked the BOX 1-20 claims in March 1995, and followed up with soil sampling, geological mapping and prospecting, and by staking of the BOX 21-38 claims later that year. Expatriate conducted airborne electromagnetic and magnetic surveying across the expanded block early in 1996. In June 2002 the company added the BOX 39-40 claims, conducted geological mapping, prospecting and geochemical sampling in central areas, and added the BOX 41-120 claims surrounding the previous block in September 2002. In 2003 the company carried out a surface UTEM geophysical survey. Exploration revealed “weakly to strongly anomalous clusters of copper and lead response” along Campbell Creek which bisected the property, roughly 5 km south of the indicated location of the occurrence. Elevated antimony and arsenic values were returned from a prominent gossan and leached “kill zone” farther to the east. This is associated with highly altered felsic volcanic rocks that Expatriate correlated with similar units that host and underlie the Kutz de Kayah volcanogenic massive sulphide (VMS) deposit to the south. However, Expatriate suggested this represents distal alteration typically underlying this type of mineralized setting, and that overlying mineralization has been eroded away.

Peter Risby, owner of Newrise Resources, discovered strongly silicified pyritic boulders in a small stream north of the Robert Campbell Highway in May 2009, and staked the RC 13-180 block by mid-June. A property visit was conducted by Underworld Resources in late June, 2009.



## 5.0 Geology

### 5.1 General Geology

The Risby Creek property is located with an allocthon of Paleozoic Yukon Tanana Terrane (the “Yukon Banana”) which has undergone a southeast, dextral displacement of 450 km along the northeast side of the Tintina Fault zone. Elsewhere in the Yukon, the Tintina Fault separates shelf and off-shelf sedimentary sequences of the Ancient North American Platform from sequences of accreted terrane to the southwest. In western Yukon the accreted terrane consists primarily of the Yukon-Tanana Terrane (YTT), an assemblage of Devonian through Pennsylvanian metaintrusive and metavolcanic and lesser metasedimentary rocks. These began to undergo tectonism by the early Triassic, resulting from collision of the accreted terrane with the North American platform, producing greenschist to amphibolite-grade regional metamorphism, structural deformation and large areas of strongly developed foliation. Tectonism ceased by the early Cretaceous period. Movement in the early Tertiary along the Tintina Fault resulted in the southeastward displacement of this block, which hosts the Risby Creek property as well as several lead-zinc-copper-silver-gold VMS-style deposits farther south.

The Risby Creek property is located within a thrust-fault bounded west-northwest trending package of Late Devonian to Early Mississippian undifferentiated layered rocks, primarily intermediate to felsic metavolcanic rocks, carbonates, dark chert, greywacke and phyllite (INAC, Open File 2001-33). This forms part of the Campbell Range Succession, occurring along the hanging wall of the north-dipping Money Creek thrust fault. A south-dipping thrust fault, called the Jules Creek Thrust, forms the northern boundary of the undifferentiated unit, roughly coincident with the northern property boundary, effectively isolating this unit as a klippe. The south-dipping Inconnu thrust fault which occurs roughly 15 km north of the Robert Campbell Highway forms the thrust fault boundary between the YTT allocthon and Triassic sediments of the North American Platform (miogeosyncline) to the north.

Much of the largely Devonian-aged metasedimentary strata comprising the Yukon Banana has been intruded by multi-kilometric scale plutonic units of the Lower Mississippian Grass Lakes Plutonic Suite, consisting of foliated to laminated medium to coarse grained granite to monzonite (Open File 2001-33). One of these units extends within 10 km of auriferous mineralization within Claim RC146. Several multi-kilometric-scale units of Jurassic hornblende biotite granite occur south of the eastern property area.

### 5.2 Property Geology

The property parallels the unit of the Carboniferous Campbell Range Succession (CMCu, Open File 2001-33) occurring as a klippe bounded by the Money Creek Fault along the south boundary and south dipping Jules Creek Thrust marking the northern boundary (Map 1). The south boundary of the western half of the property is remarkably coincident with the Money Creek Fault, which extends south of the south boundary in eastern areas. The Jules Creek Thrust

extends roughly midway between property boundaries, except in the eastern property area (Map 1).

The majority of this unit consists of “undifferentiated layered rocks, including intermediate to felsic metavolcanic rocks, carbonate, and dark chert, greywacke and phyllite” (Open File 2001-33). This open file also indicates a narrow unit of massive grey bioclastic crinoidal limestone (Cc) extending parallel to the Money Creek fault and located roughly midway within the undifferentiated unit in the eastern half of the property. The Open File shows the unit extending just south of the area of detailed exploration (Map 1); however, prospecting along the Risby Creek stream bed directly upstream of the upstream limit of mineralized boulders revealed abundant silicified calcareous boulders, suggesting the “Cc” unit occurs farther upstream to the north. Outcroppings in this area, the northern portion of Claim RC146 near the mineralized exposures, consist primarily of strongly foliated phyllite. A larger unit described as “dark grey phyllite, chert, chert-pebble conglomerate, quartzofeldspathic and volcanolithic greywacke and conglomerate, diamictite and minor limestone” (Unit Pcl, Open File 2001-33) extends along and directly north of the Money Creek fault in the eastern property area. Open File 2001-33 suggests this may correlate with a broad unit of variably foliated dark grey phyllite (Unit C?cs) forming the north (footwall) side of the Jules Creek thrust fault.

Geological mapping in the area of detailed rock sampling in September 2009 indicate this area is underlain by strongly foliated thin to medium-bedded phyllite, interlayered with fairly abundant medium grained calcareous beds, typically boudined, attaining 0.3m in thickness (Map 2). These beds have been described as calcareous sandstone, although they may be moderately crystalline metalimestone, distinguishable from typical marble by its less massive fabric. Minor silicification occurs locally within the beds, with patchy mariposite alteration. At least one unit of limestone to calcareous sandstone, several metres thick, occurs in the southwestern portion of the area of detailed exploration. Comparison of the lithological aspects of this unit with those described in Open File 2001-33 suggests it most likely corresponds to Unit Pcl, although it also shows similarities to Unit Miv (Map 1). An exposure of calcareous sandstone with quartz-carbonate veins occurs somewhat farther south.

Foliation orientations are typically south-southwest, dipping shallowly to the north-northwest. Bedding orientations, where discernable, parallel foliation. Evidence of strongly developed folding is shown in an outcrop along the west side of Risby Creek, where outcrop-scale isoclinal folding occurs along a gently south-dipping fold axis.

## **6.0 Deposit Setting**

The target deposit setting is that of hydrothermal, likely epithermal, gold mineralization. This setting occurs distal to an intrusion, commonly quartz monzonitic, whereby late metal-bearing hydromagmatic fluids (hot water originally within the magma, now hosting metal ions) contained within the original melt are mobilized through permeable horizons, such as zones of open space or reactive units. This results in development of areas of strong alteration, including silicification, in reactive, permeable horizons such as calcareous sandstone, or development of

veins as areas of open space are gradually infilled by deposition from siliceous fluids. Metal-bearing horizons may form in areas where pressure and temperature regimes favour deposition from the fluids. Gold and silver bearing horizons occur at specific temperatures and pressures, commonly associated with pathfinder elements such as arsenic, antimony and mercury.

The type of mineralized setting depends largely on distance from the source intrusion. Gold-bearing quartz veins occur at mid-distances from the source, and are commonly referred to as “mesothermal veins”. These tend to be enriched in arsenic, and possibly silver. Farther out, where fluid temperatures have been reduced, “epithermal-style” gold-bearing settings, consisting of argillic (clay) alteration, carbonate alteration and stockwork-style silicification, typically occur. Here, late hydrothermal fluids are commonly mixed with volatile “pneumatolitic” gases, resulting in carbonate alteration of host units. This type of setting tends to have higher gold: silver ratios than mesothermal vein-type settings. As fluids “evolve” with distance from the source, veins become more carbonate-enriched, although barren quartz veins are also common. Units displaying only strong carbonate alteration tend to be barren of precious or economic metals.

## 7.0 Mineralization

The majority of mineralized pyritic samples taken in September within Claim 146 were taken from large talus boulders located within Risby Creek, although several samples were taken of similar material in bedrock along the east side of the creek, indicating this area to be the main source, located at 401455E, 6844492N (NAD 83, Zone 9, see Appendix 3). Boulders attain lengths of 1.4m and widths to about 1.0 metres, indicating a minimum width of the source horizon. Boulders are most abundant directly down-hill of the bedrock source, and gradually decrease in number and size progressively downstream. One exception is a large boulder at least 1.95m long and 1.0m wide located along the western (opposite) bank several metres above the stream bed roughly 35 metres downstream.

Mineralization within Claim RC146 consists of disseminated and fracture-controlled pyrite +/- minor arsenopyrite within strongly silicified calcareous sandstone (possibly silicified crystalline limestone). Pyrite concentration averages 3-4%, to a maximum of 7%, associated with strong limonitization. Pyrite is commonly associated with minor pyrrhotite and, less commonly, trace arsenopyrite. At least two episodes of quartz veining have been identified within proximal talus boulders; an earlier phase of saccharoidal quartz +/- pyrite, and a later stage of massive, non-saccharoidal quartz, largely barren of mineralization. The degree of silicification shows a moderate correlation with degree of pyritization, although most mineralized samples are strongly silicified. Samples of mineralized sandstone are commonly weakly calcareous, as are some samples of phyllite; higher carbonate content in less mineralized samples suggests calcite is a primary feature rather than an alteration product. A large number of samples are also weakly to moderately chloritic.

Two different populations of mineralized samples can be identified, depending on arsenic content. Auriferous values are associated either with anomalous to strongly anomalous arsenic

values (Population 1), or with background to near-background values (Population 2). Gold values tend to show a strong correlation with sulphur, confirming association of gold with pyrite; however, numerous sulphide-rich (pyritic) samples show background to only weakly elevated gold values, indicating an inconsistent gold: pyrite association. Silver values from samples taken in September returned low to background silver values, no other significant pathfinder element associations can be made.

Similar gold values were returned from sampling by Underworld Resources in June; however somewhat higher silver: gold ratios were returned from two samples, returning 3.8 and 7.0 g/t silver respectively. During this program, several samples were taken from four gravel pits along the Robert Campbell Highway. Two of these, taken northwest and southeast of Risby Creek respectively, returned elevated gold values. The former, taken to the northwest, also returned strongly anomalous arsenic, copper, and weakly anomalous lead values; the latter returned somewhat elevated arsenic and strongly anomalous lead values. These element associations are not typical of those along Risby Creek, suggesting a separate source. No detailed rock descriptions were provided.

## 8.0 Exploration

Two exploration programs were conducted in 2009 following staking of the Risby Creek property: a three-day property visit by Underworld Resources Inc. in late June, and a four-day program by a three-person crew employed by All-Terrane Mineral Exploration Services accompanied by Mr. Risby for two of the four days. The staking followed positive gold results returned from grab sampling by Mr. Risby in May 2009; these results are not included here as they predate property acquisition. A total of 30 rock grab samples and 5 soil samples were taken by Underworld Resources, and 53 more rock samples were taken by All-Terrane in September. Mr. Risby also obtained 12 samples for gold and “ICP” analysis, as well as ten samples for metallic screen fire assay (MSFA) analysis and three for “metallic assay” analysis to determine coarse gold content of the mineralized material.

Several samples taken by Underworld Resources returned anomalous gold values, with three samples returning values from 0.100 g/t to 0.995 g/t, and three more returning values greater than 1.00 g/t. Both populations of auriferous material (see Section 7.0: Mineralization) were sampled. The most notable example of Population 1 were returned from a grab sample of a boulder in Risby Creek, which returned 1.98 g/t gold (Au), 3.8 g/t silver (Ag) and 476 ppm arsenic (As). The rock description is comparable to those of auriferous altered sandstone taken by All-Terrane Services. A second sample of siliceous material, including quartz veining cross-cutting chalcedonic fractures, returned 0.831 g/t Au, 0.6 g/t Ag and 2,950 ppm As. Values representing Population 2 were returned by a sample of subcrop described as “quartz” with 1-2% pyrite and strong iron oxide (limonite) staining, which returned 1.805 g/t Au, 0.8 g/t Ag and 15 ppm As. Two other samples returned anomalous gold values with background arsenic values. A sample taken of a strongly silicified boulder with “<5% pyrite” returned 4.88 g/t Au, 7.0 g/t Ag and 67 ppm As, indicating it belongs to Population 2. Although located some distance from the main cluster of mineralized boulders, this is likely a transported example of the cluster.

Gold-bearing samples taken by All-Terrane Services in September may also be divided into the same populations (Appendices 3a, 4). Population 1 arsenic-enriched samples include Sample G312466, a 0.45-metre chip sample returning 1.575 g/t Au, 0.7 g/t Ag and 1,150 ppm As, and sample G312468, a 1.4-metre chip returning 1.325 g/t Au, 0.6 g/t Ag and 865 ppm As. Both samples are of calcareous sandstone; Sample G312466 is located about 120m downstream from G312468. The large boulder along the west side of Risby Creek also showed high arsenic: gold ratios, shown in sample G312482, a 1.2-metre chip sample returning 0.701 g/t Au, 0.3 g/t Ag and 916 ppm As. All four samples from this boulder returned anomalous gold and arsenic values.

The arsenic-poor population is best indicated by sample G312489, a 0.35-metre chip of a proximal float boulder of strongly silicified, limonitic and pyritic sandstone. This returned a gold value of 1.12 g/t with 0.6 g/t Ag and 8 ppm As. A check sample performed by ALS Chemex returned 0.527 g/t gold. Several other samples returned anomalous gold values with near-background arsenic values.

Sampling by All-Terrane returned 4 values greater than 1.00 g/t gold, and 13 more between 0.100 g/t and 0.995 g/t gold, from a total of 53 samples. Notably, numerous samples of strongly silicified and pyritic sandstone and phyllite returned background to near-background gold values. Sampling of outcrop to subcrop material taken from the east side of the creek typically returned low gold and arsenic values, with only 3 of 14 exceeding 0.100 g/t gold.

Sampling by Underworld Resources returned 3 values exceeding 1.00 g/t gold and 3 more between 0.100 g/t and 0.995 g/t gold, from a total of 30 samples, excluding blanks. Underworld also took 8 samples from four gravel pits along the Robert Campbell Highway. Most returned background values; two, taken from separate pits, returned weakly anomalous gold values, with distinct pathfinder element signatures, suggesting separate sources from the Risby Creek area.

Sampling by Mr. Risby returned one value exceeding 1.0 g/t, providing a value of 2.34 g/t gold. This sample returned weakly anomalous arsenic values, but is grouped in Population 2 due to its low arsenic: gold ratio. Sampling also returned four values between 0.100 and 0.995 g/t gold. Three of these are associated with low to background arsenic values; the fourth is placed in Population 1 due to its high arsenic: gold ratio. Several other samples with merely weakly elevated gold values returned high arsenic values, suggesting a third population having very high arsenic: gold ratios. Alternatively, a continuum of arsenic: gold values may occur, with several population spikes.

Mr. Risby also obtained 10 samples for “Metallic Screen Fire Assay” (MSFA) analysis, to determine the presence of the “coarse gold effect”. During this process crushed sample material is filtered through a 100-micron screen. Both the coarse fraction (which remains on the screen) and the fine fraction (which passes through the screen) are weighed and analysed to provide gold values for the separate fractions; these are then combined to obtain a weighted average of values of both fractions. Three of Mr. Risby’s samples returned total gold values exceeding 1.0 g/t. All showed much higher gold values in the coarse fraction, indicating much of the gold occurs as coarse fragments. Three others returned values exceeding 0.100 g/t gold; of these only one showed a similar coarse gold effect. The other two, with total gold values of 0.14 and 0.45 g/t

gold returned <0.005 g/t in the coarse fraction, indicating that not all auriferous samples were subject to the coarse gold effect, and therefore not all gold occurs as coarse gold.

The following personnel were involved in the 2009 program conducted by All-Terrane Services:

Carl Schulze, BSc, PGeo:	Project Geologist and Qualified Person
Mike Linley:	Technician
Patricio Dagnino:	Technician

Mr. Risby participated in the program for two of the four days comprising the program.

Samples obtained by All-Terrane Services and Mr. Risby were analysed by ALS Chemex Labs of North Vancouver. Samples taken by Underworld Resources were analysed by Eco-Tech Labs of Kamloops, British Columbia, with preparation conducted in its “prep” lab in Whitehorse.

## 9.0 Sampling Method and Approach

All rock sampling conducted by All-Terrane Mineral Exploration Services was subject to rigorous parameters, including detailed descriptions of each sample. Rock samples were obtained using an Estwing rock hammer, and located in the field using a non-differential Global Positioning System (GPS) instrument. Samples were placed in plastic bags designed specifically for rock sampling. A tag with the unique sample number, supplied by ALS Chemex Labs, was placed in the bag; the sample number was written on both outsides of the bag using “Magic Markers”. The sample numbers were also written on soft metal “butter” tags; the tags were attached to the sample locations in the field.

Rock samples were recorded as to location (UTM - NAD 83), sample type (chip or semi-panel sample), exposure type (outcrop, rubblecrop, float, etc.), formation, lithology, modifier (for textural or structural descriptions), colour, degrees of carbonate presence and silicification, other alteration if applicable, economic mineralization including estimated amounts, date, sampler and comments (Appendix 3a). Minimum sample weight was 0.5 kg, although samples tend to be larger than this.

All rock samples obtained by All-Terrane were either “chip” samples or “semi-panel” samples. Chip samples consist of a linear sample of roughly even amounts of rock across a determined width, resulting in an average value of all metal values along this width. A panel sample consists of an even layer of rock taken from a two-dimensional area, such as a square. It was determined that “semi-panel” samples, consisting of an even representation of material across a two-dimensional surface rather than an entire layer, were preferable to true panel samples.

Samples taken by Mr. Risby and by Underworld Resources were grab and composite grab samples. No detailed descriptions were provided by Mr. Risby; Underworld Resources provided varying amounts of detail in its sample descriptions. Underworld Resources also provided five soil samples, but provided no sample descriptions, nor details of sampling methodology.

## **10.0 Sample Preparation, Analysis and Security**

All rock samples taken by All-Terrane Services and Mr. Risby were placed in thick plastic industry standard sample bags, sealed with thick plastic serrated “Zap Straps” and sent in a similarly sealed rice bag to ALS Chemex Labs of North Vancouver, B.C., an analytical laboratory with ISO 9001:2000 certification. Sealed rice bags were personally handed to the courier, Byers Transportation System Inc, by the qualified person, and were delivered by the courier directly to ALS Chemex. Rice bags were placed on pallets, covered with “shrink-wrap” plastic, shipped by truck and delivered directly to the lab. All rock samples were crushed to ensure that a minimum of 70% of the material was less than 2.0 mm in size; this material was thoroughly mixed. From this, a 250g sample was pulverized to 75-micron size; then a 50-gram sample of this underwent fire assay analysis with atomic absorption finish. This technique provides gold analysis ranging from 0.005 to 10.0 g/t gold.

All samples were also analyzed by 35-element ICP to test for abundances of Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W and Zn.

ALS Chemex provides comprehensive in-house quality-control, using numerous blanks to test for any potential contamination, confirming that no detectable contamination has occurred. ALS Chemex also conducts repeated in-house standard sampling for all 35 elements involved in ICP analysis and gold to determine accuracy of analysis. The lab also incorporates more limited analysis of standard samples with known element concentrations provided by several outside firms.

Samples taken by Newrise Resources for metallic screen fire assay (“MSFA”) and “Metallic Assay” analysis were sent to EcoTech Laboratories Ltd. of Kamloops, British Columbia. All were analysed for gold by fire assay; MSFA analysis involved assaying of the coarse and fine fractions to arrive at a weighted average of both fractions (see Section 8: Exploration). EcoTech, which also holds ISO 9001:2008 certification, automatically provides results of in-house standards inserted into the sample stream.

## **11.0 Data Verification**

The September 2009 program by All-Terrane Services was essentially a program of due diligence, to arrive at as accurate an assessment of true gold values as possible. All 53 samples were either chip samples or semi-panel samples (see 9.0, Sampling method). This was done to determine whether high gold values to 26.2 g/t from earlier sampling, including reconnaissance sampling by Mr. Risby prior to acquisition, are representative of grade over width or resulted from narrow zones of strongly gold-enriched material.

The best result from the September program was returned from a 1.4-metre chip sample returning 1.325 g/t gold with 0.6 g/t silver. A 0.45-metre chip sample returned a value of 1.575 g/t gold with 0.7 g/t silver; however the much shorter intercept provides a lower level of reliability for this sample. This suggests that earlier very high gold values are spurious, and that a more accurate upper limit of gold grades stands at about 1.5 g/t. A fairly high percentage of samples returned anomalous ( $>0.100$  g/t) gold values, indicating fairly widespread distribution of gold within mineralized units.

Several samples, including three returning anomalous gold values, underwent check analysis by ALS Chemex (Appendix 4). Check analyses of these showed a considerable variation in gold grades, ranging from a fairly small variation in Sample G312493 (original value 1.055 g/t Au, check value 0.999 g/t Au) to a much larger variation in Sample G312489 (original value 1.12 g/t Au, check value 0.527 g/t). These indicate that much of the gold likely occurs in the coarse fraction, although the relative uniformity of original and check values in Sample G312493 indicates a sizable fine gold fraction as well.

Three samples taken by Mr. Risby during an earlier exploration phase were split into three or four sub-samples each for metallic assay, conducted by Eco-Tech Laboratories (Appendix 4b). These indicate a moderate variance in grade within each subset, indicating a significant coarse gold effect. Sample KM2483A was divided into 4 sub-samples, with grades varying from 0.35 to 0.44 g/t gold. Similar variances were returned from Sample KM2483B which returned values from 0.37 to 0.46 g/t gold, and for Sample KM2483C which returned values from 0.42 to 0.57 g/t gold.

## **12.0 Adjacent Properties**

There are no immediate adjacent properties to the Risby Creek block, nor are there any in the vicinity hosting mineralization pertinent to this property or report.

## **13.0 Mineral Processing and Metallogenic Testing**

No mineral processing or known metallogenic testing has occurred on the Risby Creek property.

## **14.0 Mineral Resource and Mineral Reserve Estimates**

No mineral resource or reserve estimates have been conducted on the Risby Creek property.



## 15.0 Other Relevant Data and Information

No other relevant data or information was involved in compilation of this report. The report was based on geological mapping and results from the 2009 surface exploration programs by Underworld Resources and All-Terrane Services, as well as from sampling by Mr. Risby following acquisition.

## 16.0 Interpretation and Conclusions

### 16.1 Interpretations

The RC claims were staked to cover a unit of massive bioclastic crinoidal limestone (“Cc”, Map 1), shown on Open File 2001-33 as extending through the Risby Showing area. However, detailed local mapping suggests the Risby Creek occurrence may instead be hosted by Unit “Pc1” (Map 1), consisting of dark grey phyllite, chert and greywacke, with “diamictite and minor limestone”, the latter represented by the beds mapped as calcareous sandstone. Unit Pc1 is a sizable unit extending along and directly south of the south property boundary in eastern areas (Map 1). Several mineralized boulders within gravel pits along the Robert Campbell Highway suggest mineralization may not be restricted to the Risby Creek occurrence; variances in pathfinder geochemical signatures suggest possible zonation of mineralization.

The results obtained by Underworld Resources, All-Terrane Services and Mr. Risby since acquisition in May 2009 indicate that a multi-phased auriferous mineralizing history has occurred within Claim RC146 of the Risby Creek property. This is indicated by at least two episodes of quartz vein emplacement, an early saccharoidal (sugary) phase and a later non-saccharoidal phase, within strongly silicified pyritic calcareous sandstone beds interbedded with thin-bedded phyllitic metasediments. Further evidence of multi-pulsed emplacement is provided by at least two populations of auriferous material; one arsenic-rich (Population 1) and the other arsenic-poor (Population 2). Sampling by Mr. Risby suggests these populations may represent end members of a continuum of emplacement, likely evolving towards the arsenic-poor end member. The variance in arsenic content suggests a long-lived mineralization system; the strong silicification suggests a high energy emplacement environment.

The saccharoidal nature of early mineralized quartz veining and mineralized host sandstone beds suggests veining has undergone metamorphism resulting from tectonism during collision of the accreted Yukon Tanana Terrane with the North American Platform. Tectonism was largely completed by the early Cretaceous period, which predates the emplacement of the 110 – 70 Ma Tintina Gold Belt. This suggests that gold mineralization was emplaced prior to tectonism, and may have an origin during late Paleozoic time. However, the alteration and mineralization settings, combined with the stratabound nature of mineralized beds on an outcrop scale, suggest an intrusion-related model, similar to that associated with Tintina Gold Belt mineralization.

The “Yukon Banana” hosts several multi-kilometric-scale members of the Early Mississippian Grass Lakes Plutonic Suite (MGg, MGag), the closest of which occurs roughly 10 – 12 km to the south. This may have provided the hydromagmatic source of mineralization, as the epithermal setting occurring along Risby Creek is commonly encountered at a comparable distance from host intrusion. Smaller, although also multi-kilometric scale units of Jurassic medium grained equigranular hornblende-biotite granite occur slightly farther to the southeast. Although these also have potential to be the source of hydromagmatic mineralization, their smaller size and greater distance from the Risby Creek occurrence render them less likely to be the source of mineralizing fluids.

An alternative model of mineralization is that the Risby Creek occurrence may represent distal portions of “Volcanogenic Massive Sulphide” (VMS) systems, commonly accompanied by distal precious metal-bearing zones. Several VMS deposits occur in the Yukon Banana, including the Kutz de Kayah and Wolverine deposits. However, it is unlikely that the Risby Creek occurrence is a distal portion of such a system, as the host settings are not typical of VMS deposits, and no VMS-style base metal deposits are known in the vicinity.

A late Paleozoic intrusion-related origin of the Risby Creek occurrence represents a previously unrecognized auriferous setting in the Yukon Banana. This may be important, as it would indicate viability for exploration of a “new” mineralized setting in areas previously deemed to have low mineral potential. No other similar occurrences are known in the remaining RC block; however very limited exploration has occurred within or proximal to the claim block.

## 16.2 Conclusions

The following conclusions may be made from the 2009 exploration programs on the Risby Creek property:

- A metre-scale unit of strongly silicified pyritic and auriferous calcareous sandstone occurs along the east side of Risby Creek (unofficial name) on Claim RC146 directly north of the Robert Campbell Highway. This is the source of abundant similarly mineralized boulders downstream within Risby Creek.
- Sampling of these boulders suggests at least two populations of auriferous material: an arsenic-rich group (Population 1) and a separate arsenic-poor population (Population 2). This suggests at least two gold mineralizing pulses within a multi-pulsed system indicated by several sets of quartz vein emplacement.
- A large boulder belonging to the arsenic-enriched group (Population 1) occurs along the opposite (west) side of Risby Creek downstream of the main cluster of boulders, at sufficient elevation above the stream bed to render unlikely a source from the east side. This suggests a separate source along the west side, and the potential for multiple mineralized occurrences.

- The Risby Creek occurrence is typical of intrusion-related mineralization. However, the saccharoidal nature of pyritic quartz veins and wallrock suggests a pre-tectonic origin of mineralization. Tectonism in this portion of Yukon commenced during the Triassic and ceased by early Cretaceous time, prior to emplacement of the 110 – 70 Ma Tintina Gold Belt intrusions. This suggests a late Paleozoic origin, possibly from hydromagmatic fluids originating from members of the Grass Lakes Plutonic Suite.
- A late Paleozoic intrusion-related origin would represent a previously unrecognized setting in the Yukon Banana of the Yukon Tanana Terrane, providing potential for the existence of similar occurrences in the Risby Creek area. If so, this may provide a “new” target setting in the “Yukon Banana”.

## 17.0 Recommendations

### 17.1 Recommendations

A two-phase surface exploration program is recommended for the RC claim block. Phase 1 is to consist of systematic silt sampling along all streams within the block. Samples are to be taken at 250-metre intervals along the main streams, with additional sampling done along tributaries just upstream of the confluence. Reconnaissance-style soil sampling at a 100-metre station spacing may also be done along any trails within the claim block, and also along NNE oriented traverses across the short axis of the block where streams are unavailable. Geological mapping is to accompany silt and soil sampling. The purpose of this phase is to determine the presence of gold-in-silt anomalies, as well as those of gold pathfinder elements, for subsequent detailed surface exploration. This phase may be done in early to mid June, following spring freshet. Program duration is likely to be no more than one week, particularly if two teams of two people each are employed; therefore it may be staged from hotel accommodations at Ross River.

The second phase, contingent on positive results from Phase 1, is to consist of detailed, systematic soil sampling across potential source areas of stream silt anomalies. A 100-metre line spacing and 50-metre sample station spacing is recommended, with a 25-metre station spacing in selected areas of higher potential. Detailed geological mapping, rock sampling and prospecting will accompany the soil surveys. A road-accessible camp is recommended, consisting of a five-person crew, made up of two 2-person sampling/ mapping teams and a fifth person remaining in camp for security purposes as well as data entry and camp maintenance.

This phase is expected to have a duration of roughly 20 days, including travel, three weather days and one “wrap-up” day. This may commence following compilation of Phase 1 data; an approximate start-up date would be Aug 1.

Phase 1 expenditures, including pre-program preparatory work and supplies acquisition for both phases, stand at **CDN\$26,063**; including 15% contingency, proposed expenditures stand at **\$29,972**. Phase 2 expenditures, including report writing for the entire project, stand at **CDN\$84,628**; with a 15% contingency, the figure stands at **\$97,332**. Total project expenditures, including contingency expenditures, stand at **CDN\$127,294**.

## 17.2: Recommended Budget

### Phase 1:

Pre-program preparatory fees: 3 days @ CDN\$640/day:	\$ 1,920
Wages, Project Geologist: 8 days @ \$640/day:	\$ 5,120
Wages, Geologist (incl. Premium): 7 days @ \$500/day:	\$ 3,500
Wages, Technician 1: 6 days @ \$375/day:	\$ 2,250
Wages, Technician 2: 6 days @ \$312.50/day:	\$ 1,875
Digitizing Fees:	\$ 900
Truck Rental: 6 days @ \$90/day:	\$ 540
Truck Fuel:	\$ 280
Travel meals:	\$ 160
Office supplies:	\$ 250
Field Supplies:	\$ 600
Rock Samples: 36 samples @ \$35/sample:	\$ 1,260
Soil/ Silt Samples: 120 samples @ \$32/sample:	\$ 3,840
Shipping: 156 samples @ \$3/sample approx:	\$ 468
Accommodation incl. meals: 5 days @ \$600/day:	\$ 3,000
Rental of hand-held radios: 5 days @ \$20/day:	\$ 100
<b>Sub-Total:</b>	<b>\$ 26,063</b>
<b>15% Contingency:</b>	<b>\$ 3,909</b>
<b>Phase1 Total:</b>	<b>\$ 29,972</b>

### Phase 2:

Wages, Project Geologist: 20 days @ \$640/day:	\$ 12,800
Wages, Geologist (incl. Premium): 20 days @ \$500/day:	\$ 10,000
Wages, Technician 1: 20 days @ \$375/day:	\$ 7,500
Wages, Technician 2: 20 days @ \$312.50/day:	\$ 6,250
Wages, Technician 3: 20 days @ \$312.50/day:	\$ 6,250
Digitizing Fees:	\$ 1,750
Truck Rental: 20 days @ \$90/day:	\$ 1,800
Truck Fuel:	\$ 440
Travel meals:	\$ 280
Rock Samples: 156 samples @ \$35/sample:	\$ 5,460
Soil/ Silt Samples: 520 samples @ \$32/sample:	\$ 16,640
Shipping: 676 samples @ \$3/sample approx:	\$ 2,028
Camp rental: 19 days @ \$100/day:	\$ 1,900
Groceries: 95 person-days @ \$50/day:	\$ 4,750
Rental of hand-held radios: 19 days @ \$20/day:	\$ 380
<b>Field Total:</b>	<b>\$ 78,228</b>
Data compilation, report writing: 10 days @ \$640/day:	\$ 6,400
<b>Sub-total:</b>	<b>\$ 84,628</b>
<b>15% Contingency:</b>	<b>\$ 12,694</b>
<b>Phase 2 Total:</b>	<b>\$ 97,322</b>
<b>Phase 1 Total:</b>	<b>\$ 29,972</b>
<b>Project Total:</b>	<b>\$127,294</b>

## **18.0 References**

Murphy, D.C., Colpron, M. Gordey, S.P., Roots, C.F., Abbott, G., Lipovsky, P.S., 2001: Preliminary Bedrock Geological Map of Northern Finlayson Lake Area (NTS 105G), Yukon Territory; Open File 2001-33, Indian and Northern Affairs Canada Exploration and Geological Services Division, Yukon Region, 2001.

Yukon Geology Survey, 2009: Minfile for 2009, Yukon Geological Survey.

### Appendix 1. Certificate of Author

I, Carl M. Schulze, PGeo, hereby certify that:

- 1) I am a self-employed Consulting Geologist and sole proprietor of:  
All-Terrane Mineral Exploration Services  
35 Dawson Rd  
Whitehorse, Yukon Y1A 5T6
- 2) I graduated with a Bachelor of Science Degree in geology from Lakehead University, Thunder Bay, Ontario, in 1984.
- 3) I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC).
- 4) I have worked as a geologist for a total of 25 years since my graduation from Lakehead University.
- 5) I have read the definition of “qualified person” set out in National Instrument 43-101 (“NI 43-101”) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of NI 43-101.
- 6) I am responsible for preparation of all sections of the technical report titled Assessment Report: Geological Mapping and Rock Geochemical Sampling on the “Risby Creek” Project” on the entire property area comprising the Risby Creek project. I was active on-site during the entire September 2009 program.
- 7) I have not had prior involvement with the property that is the subject of the Technical Report.
- 8) I am not aware of any material facts or material changes with respect to the subject matter of the technical report not contained within the report, of which the omission to disclose makes the report misleading.
- 9) I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.
- 10) I have read National Instrument 43-101 and Form 43-101F1; however this is an Assessment Report which has not been prepared in full compliance with that instrument and form.
- 11) I consent to the filing of the Assessment Report with the Watson Lake Mining Recorder of the Department of Energy, Mines and Resources, Government of Yukon.
- 12) The effective date of this report is October 20, 2009.

Dated this 20<sup>th</sup> Day of November, 2009.

“Carl Schulze”

Carl Schulze, BSc, PGeo  
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Whitehorse, Yukon Y1A 5T6  
Telephone: 867-633-4807  
Fax: 867-633-4883  
E-mail: allterrane@northwestel.net

## Appendix 2: Statement of Expenditures

### Underworld Resources Visit

Geologist: 3 days @ \$450/day:	\$1,350.00	
Personnel, Technician 1: 3 days @ \$250/day:	\$ 750.00	
Personnel, Technician 2: 3 days @ \$250/day:	\$ 750.00	
Report Preparation:	\$ 450.00	
Rock Samples: 23 samples @ \$35/sample:	\$ 805.00	
Soil sampling: 5 samples @ \$32/sample:	\$ 160.00	
Shipping: 38 samples @ \$3/sample:	\$ 114.00	
Accommodations: 6 person-days @ \$140/day, incl. meals:	\$ 840.00	
<b>Sub-Total:</b>		<b>\$ 5,219.00</b>

### All-Terrane Services:

Project Geologist: 5 days @ \$640/day:	\$3,200.00	
Personnel, Technician 1: 4 days @ \$375/day:	\$1,500.00	
Personnel, Technician 2: 5 days @ \$312.50:	\$1,562.00	
Personnel, P. Risby: 3 days @ \$500/day:	\$1,500.00	
Report Writing: 38 Hours @ \$80/hour:	\$3,040.00	
Digitizing: 19 hours @ \$50/hr:	\$ 950.00	
Truck Mileage: 1,755 km @ \$0.50/km:	\$ 877.50	
Meals:	\$ 726.18	
Field Supplies:	\$ 164.20	
Rock Sample Assay Costs (53 samples):	\$2,068.64	
Accommodations:	\$1,625.91	
<b>Sub-total:</b>		<b>\$17,214.43</b>

### Peter Risby:

MSFA Sampling: 0.5 days @ \$500/day:	\$ 250.00	
MSFA Costs: 10 samples @ \$70/sample:	\$1,540.00	
Metallic Assay: 0.5 days @ \$500/day:	\$ 250.00	
Metallic Assay Costs: 10 samples @ \$35/sample:	\$ 350.00	
Rock Sample Assay Costs (12 samples):	\$ 443.76	
<b>Sub-total:</b>		<b>\$ 2,833.76</b>
<b>Total of Expenses:</b>		<b>\$25,267.19</b>

### **Appendix 3: Sample Descriptions**

**Appendix 3a: Rock Sample Descriptions**

**Appendix 3b: Soil Sample Descriptions**







**ROCK SAMPLE RESULTS SHEET**

**Risby Creek, September 2009 program  
Newrise Resources**

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE DESCRIPTION	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
ALS Chemex															
G312451	28	90	3	0.58	3	2	92	<20	0.01	<10	<10		39	<10	53
G312452	16	90	3	1.05	3	1	25	<20	<0.01	<10	<10		21	<10	21
G312453	23	70	2	0.48	<2	2	121	<20	0.01	<10	<10		18	<10	32
G312454	7	160	13	0.09	<2	3	528	<20	<0.01	<10	<10		5	<10	30
G312455	6	140	34	0.54	<2	3	58	<20	<0.01	<10	<10		34	<10	36
G312456	13	470	4	0.2	<2	8	113	<20	0.01	<10	<10		64	<10	121
G312457	21	60	3	0.03	<2	2	134	<20	<0.01	<10	<10		33	<10	37
G312458	4	110	2	<0.01	<2	1	52	<20	<0.01	<10	<10		1	<10	6
G312459	1	80	<2	<0.01	<2	1	5	<20	<0.01	<10	<10		3	<10	8
G312460	6	290	10	0.33	<2	3	69	<20	<0.01	<10	<10		37	<10	44
G312461	21	120	4	0.71	<2	1	15	<20	<0.01	<10	<10		16	<10	18
G312462	7	140	2	0.2	<2	3	17	<20	<0.01	<10	<10		36	<10	49
G312463	16	120	3	0.14	<2	1	16	<20	<0.01	<10	<10		16	<10	18
G312464	12	60	3	0.27	<2	1	47	<20	<0.01	<10	<10		18	<10	17
G312465	29	80	<2	0.02	<2	1	28	<20	0.01	<10	<10		19	<10	31
G312466	12	60	<2	4.12	<2	<1	2	<20	<0.01	<10	<10		7	<10	7
G312467	54	180	2	3.38	3	1	7	<20	<0.01	<10	<10		34	<10	23
G312468	41	110	3	2.2	<2	2	6	<20	<0.01	<10	<10		34	<10	42
G312469	37	140	2	2.66	<2	2	7	<20	<0.01	<10	<10		30	<10	41
G312470	10	120	2	1.46	<2	<1	3	<20	<0.01	<10	<10		6	<10	10
G312471	24	80	3	0.21	<2	1	32	<20	<0.01	<10	<10		13	<10	25
G312472	12	90	2	1.8	<2	1	6	<20	<0.01	<10	<10		12	<10	17
G312473	10	80	2	1.5	<2	1	20	<20	<0.01	<10	<10		12	<10	19
G312474	18	190	<2	1.82	<2	1	6	<20	<0.01	<10	<10		18	<10	28
G312475	35	70	3	3.24	<2	1	5	<20	<0.01	<10	<10		24	<10	18
G312476	82	100	3	2.04	<2	3	24	<20	<0.01	<10	<10		45	<10	66
G312477	11	60	3	0.36	<2	1	72	<20	<0.01	<10	<10		20	<10	19
G312478	4	120	3	0.13	<2	<1	9	<20	<0.01	<10	<10		8	<10	19
G312479	15	60	4	2.04	<2	1	4	<20	<0.01	<10	<10		10	<10	15
G312480	7	50	2	0.96	<2	<1	9	<20	<0.01	<10	<10		10	<10	10
G312481	23	70	3	1.11	<2	2	9	<20	<0.01	<10	<10		29	<10	42
G312482	8	90	3	1.25	<2	1	17	<20	<0.01	<10	<10		11	<10	15
G312483	6	60	2	0.62	<2	1	12	<20	<0.01	<10	<10		11	<10	14
G312484	14	80	2	0.58	<2	1	25	<20	<0.01	<10	<10		23	<10	35
G312485	15	90	<2	1.38		2	1	29	<20	<0.01	<10	<10	21	<10	29
G312486	16	120	<2	0.32	<2	<1	7	<20	<0.01	<10	<10		7	<10	13
G312487	1	70	<2	0.02	<2	1	160	<20	<0.01	<10	<10		1	<10	5
G312488	12	70	<2	2.06	<2	1	3	<20	<0.01	<10	<10		8	<10	10
G312489	7	120	<2	1.8	<2	<1	11	<20	<0.01	<10	<10		5	<10	6
G312490	13	50	<2	1		6	37	<20	<0.01	<10	<10		12	<10	14
G312491	2	40		0.04	<2	<1	69	<20	<0.01	<10	<10		3	<10	9
G312492	6	30	<2	1.95	<2	<1	2	<20	<0.01	<10	<10		4	<10	6
G312493	5	70	<2	1.33	<2	<1	3	<20	<0.01	<10	<10		8	<10	4
G312494	3	80	3	0.03	<2	1	24	<20	<0.01	<10	<10		4	<10	10
G312495	45	260	3	0.03	<2	1	298	<20	<0.01	<10	<10		9	<10	18
G312496	2	100	<2	1.25	<2	<1	5	<20	<0.01	<10	<10		10	<10	3
G312497	5	40	<2	0.63	<2	1	57	<20	<0.01	<10	<10		24	<10	21
G312498	5	120	3	0.07	<2	1	140	<20	<0.01	<10	<10		20	<10	13
G312499	20	160	<2	2.63		2	13	<20	<0.01	<10	<10		7	<10	7
G312500	11	270	6	<0.01		2	4	185	<20	<0.01	<10	<10	19	<10	129
G312251	38	250	<2	3.82	<2	<1	15	<20	<0.01	<10	<10		34	<10	7
G312252	4	70	<2	1.78	<2	<1	7	<20	<0.01	<10	<10		15	<10	6
G312253	14	360	2	0.03	<2	1	429	<20	<0.01	<10	<10		7	<10	20

Sampling, Underworld Resources																							
H130001	401397	6844352	G		BOULDER	CMCu		Vned		S2			L2	Py	3					30-Jun	UR*	2-3% Py and Fe-ox veinlets	
H130002	401429	6844448	G		BOULDER	CMCu	Quartz	Stwk						Py	2					30-Jun	UR	Quartz, 1-2% Py, stockwork Fe-ox veinlets	
H130003	401452	6844481	G		SCROP	CMCu	Quartz						L3	Py	2	As	tr			30-Jun	UR	Quartz, 1-2% Py/ As, strong Fe-ox staining	
H130004	401484	6844326	G		FLOAT	CMCu	Conglom													30-Jun	UR	Hill	
H130005	401489	6844319	G		SCROP	CMCu	Phyllite			S2-3			L2							30-Jun	UR	Hill	
H130006	401489	6844320	G		FLOAT	CMCu	Quartz							Py	2					30-Jun	UR	Hill	
H130007	401489	6844320	G		FLOAT	CMCu	Phyllite			S3				Py	tr					30-Jun	UR	Hill	
H130008	401200	6844131	G		FLOAT	CMCu	Quartz						L2							30-Jun	UR	Creek	
H130009	401200	6844131	G		FLOAT	CMCu	Quartz	Vned					L2	Py	<1					30-Jun	UR	Creek	
H130010	401240	6844069	G		BOULDER	CMCu	Phyllite	Vned		S2-3			L2	Py						30-Jun	UR	Creek	
H130011	401568	6843739	G		BOULDER	CMCu	Quartz						L2	Py	5	As	<1			30-Jun	UR	Gravel pit	
H130013	399276	6845465	G		BOULDER		Granite?	Fine grained						Py	2					30-Jun	UR	Gravel pit	
H130051	401403	6844366	G		BOULDER	CMCu				S3				Py	<5					30-Jun	UR	Creek	
H130052	401429	6844448	G		BOULDER	CMCu				S3				Py	<3	As	1			30-Jun	UR	Creek; 3 20-cm qz veins x-cutting chalcocite fractures	
H130053	401494	6844499	G		SCROP	CMCu				S2				Py	<3					30-Jun	UR	Hill	
H130054	401489	6844492	G		BOULDER	CMCu				S2										30-Jun	UR	Siliceous dark grey massive rock	
H130055	401494	6844499	G		BOULDER	CMCu				S2				Py	<3					30-Jun	UR	Hill	
H130057	401453	6844484	G		BOULDER	CMCu	Phyllite	Boudin						Py						30-Jun	UR	Boudin of quartz + pyrite in phyllite host	
H130058	402600	6843200	G		BOULDER															30-Jun	UR	Gravel pit	
H130059	400900	6844400	G		BOULDER															30-Jun	UR	Gravel pit	
H130060	400900	6844400	G		BOULDER															30-Jun	UR	Gravel pit	
H130061	400900	6844400	G		BOULDER		Metased							Py		Mag				30-Jun	UR	Gravel pit: Pale green alt metased with mag and pyrite	
H130062	400900	6844400	G		BOULDER															30-Jun	UR	Gravel pit	
H130063	401706	6843852	G		SCROP		Conglom													30-Jun	UR	Quartz conglomerate, expected barren	
H130064	401706	6843852	G		SCROP		Conglom	Qz vein												30-Jun	UR	Qz vein in quartz conglomerate; hill	
H130065	401425	6844333	G		SCROP	CMCu	Phyllite	Stockwork		S2			L2							30-Jun	UR	Silicified phyllite, stockwork and Fe Ox staining; hill	
H130066	401425	6844333	G		SCROP	CMCu	Shale	Qz boudins						Py						30-Jun	UR	Black shale phyllite, cm-scale boudins with qz, Py; hill	
H130067	401425	6844333	G		SCROP	CMCu	Phyllite	Qz boudins						Py						30-Jun	UR	Phyllite, cm-scale boudins filled with qz, Py; hill	
H130068	401275	6844288	G		BOULDER	CMCu				S3				Py	<5					30-Jun	UR	Creek; strongly silicified with <5% pyrite	
H130070	399276	6845465	G		BOULDER		F Por?						L3	Py						30-Jun	UR	Mainly fsp (?); pyritic fractures; gravel pit	
P. Risby																							
G312254	RC1	401434	6844477	G		BOULDER														12-Sep	P Risby		
G312255	RC2	401369	6844420	G		BOULDER															12-Sep	P Risby	
G312256	PC1	401377	6844353	G		BOULDER															15-Sep	P Risby	
G312257	PC2	401377	6844353	G		BOULDER															15-Sep	P Risby	
G312258	PC3	401381	6844354	G		BOULDER															15-Sep	P Risby	
G312259	PC4	401384	6844354	G		BOULDER															15-Sep	P Risby	
G312260	PC5	401388	6844355	G		BOULDER															15-Sep	P Risby	
G312261	PC6	401391	6844355	G		BOULDER															15-Sep	P Risby	
G312262	PC7	401394	6844355	G		BOULDER															15-Sep	P Risby	
G312263	PC8	401398	6844356	G		BOULDER															15-Sep	P Risby	
G312264	PC9	401401	6844357	G		BOULDER															15-Sep	P Risby	
G312265	PC10	401404	6844357	G		BOULDER															15-Sep	P Risby	

\* Samples taken by staff of Underworld Resources on or about June 30, 2009

Gold value > 1.000 g/t
Gold value > 0.100 g/t, <1.0 g/t
Gold value > 1.000 g/t, anomalous As
Gold value > 0.100 g/t, <1.0 g/t, anomalous As
Sample from gravel pit, anomalous Au, As
Sample from gravel pit

Eco-Tech Labs	Au ppm	Ag ppm	As ppm	Cu ppm
H130001	1.98	3.8	476	14
H130002	0.365	0.4	38	24
H130003	1.805	0.8	15	36
H130004	0.005	0.7	8	26
H130005	0.003	<0.2	2	25
H130006	0.001	<0.2	10	5
H130007	0.002	<0.2	2	33
H130008	<0.001	<0.2	3	2
H130009	0.003	<0.2	15	10
H130010	0.241	0.4	6	24
H130011	0.058	1.2	752	678
H130013	<0.001	<0.2	42	8
H130051	0.097	0.3	26	33
H130052	0.831	0.6	2950	61
H130053	0.007	0.2	65	24
H130054	0.004	0.2	236	71
H130055	0.002	<0.2	26	20
H130057	0.015	0.2	5	28
H130058	<0.001	<0.2	3	59
H130059	0.001	<0.2	9	16
H130060	<0.001	0.2	4	26
H130061	0.002	<0.2	6	250
H130062	0.088	1.0	103	28
H130063	0.001	<0.2	5	3
H130064	<0.001	<0.2	2	1
H130065	0.001	0.2	7	17
H130066	0.008	0.5	10	22
H130067	<0.001	<0.2	7	16
H130068	4.88	7.0	67	13
H130070	0.002	<0.2	2	24
G312254 RC1	2.34	0.3	163	44
G312255 RC2	0.154	0.2	5	12
G312256 PC1	0.005	<0.2	7	28
G312257 PC2	0.396	<0.2	14	3
G312258 PC3	0.046	<0.2	19	40
G312259 PC4	0.137	<0.2	31	16
G312260 PC5	0.020	<0.2	209	42
G312261 PC6	0.904	0.6	26	10
G312262 PC7	0.068	<0.2	76	50
G312263 PC8	0.072	0.3	259	60
G312264 PC9	0.005	<0.2	5	39
G312265 PC10	0.171	<0.2	169	23





## **Appendix 4: Original Results**

**Appendix 4a: Original ICP and Au results**

**Appendix 4b: Original MSFA AND Metallic Assay Results**





# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: ALL-TERRANE EXPLORATION

35 DAWSON ROAD

WHITEHORSE YT Y1A 5T6

INVOICE NUMBER 1968153

### BILLING INFORMATION

Certificate: **VA09105545**  
 Sample Type: **Rock**  
 Account: **ALLTER**  
 Date: **5-OCT-2009**  
 Project: **Risby Creek**  
 P.O. No.:  
 Quote:  
 Terms: **Due on Receipt** C3  
 Comments:

ANALYSED FOR			UNIT	TOTAL
QUANTITY	CODE	DESCRIPTION	PRICE	
1	BAT-01	Administration Fee	30.00	30.00
53	PREP-31A	Crush, Split, Pulverize	6.20	328.60
103.28	PREP-31A	Weight Charge (kg) - Crush, Split, Pulverize	0.65	67.13
45	Au-AA24	Au 50g FA AA finish	17.35	780.75
8	Au-AA24	Au 50g FA AA finish	17.35	138.80
53	ME-ICP41	35 Element Aqua Regia ICP-AES	6.75	357.75
53	GEO-AR01	Aqua regia digestion	3.35	177.55

SUBTOTAL (CAD) \$ 1,880.58

R100938885 GST \$ 94.03

**TOTAL PAYABLE (CAD) \$ 1,974.61**

To: **ALL-TERRANE EXPLORATION**  
**ATTN: CARL SCHULZE**  
**35 DAWSON ROAD**  
**WHITEHORSE YT Y1A 5T6**

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.  
 Bank: Royal Bank of Canada  
 SWIFT: ROYCCAT2  
 Address: Vancouver, BC, CAN  
 Account: 003-00010-1001098

Please Remit Payments To :

## ALS Chemex

2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7

**CERTIFICATE VA09105545**

Project: Risby Creek

P.O. No.:

This report is for 53 Rock samples submitted to our lab in Vancouver, BC, Canada on 22-SEP-2009.

The following have access to data associated with this certificate:

PETER RISBY

CARL SCHULZE

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS

To: ALL-TERRANE EXPLORATION  
ATTN: CARL SCHULZE  
35 DAWSON ROAD  
WHITEHORSE YT Y1A 5T6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager



Project: Risby Creek

**CERTIFICATE OF ANALYSIS VA09105545**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA24	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt. kg	Au ppm	Au Check ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
		0.02	0.005	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
G312451		1.36	0.024		0.2	1.08	23	<10	30	<0.5	4	1.43	<0.5	1	13	25
G312452		2.04	0.110		0.9	0.46	13	<10	20	<0.5	<2	0.38	<0.5	1	18	30
G312453		0.92	0.009		<0.2	0.57	15	<10	30	<0.5	<2	1.84	<0.5	1	10	15
G312454		0.52	<0.005		<0.2	0.29	12	<10	240	<0.5	<2	15.1	<0.5	5	7	9
G312455		1.36	<0.005		0.3	0.91	8	<10	20	<0.5	<2	1.33	<0.5	3	25	25
G312456		1.24	<0.005		<0.2	2.94	7	<10	80	<0.5	2	4.73	<0.5	6	40	10
G312457		3.82	<0.005		<0.2	0.99	<2	<10	10	<0.5	<2	1.96	<0.5	<1	22	2
G312458		1.10	<0.005		<0.2	0.11	2	<10	100	<0.5	<2	3.21	<0.5	1	32	3
G312459		1.22	<0.005		<0.2	0.15	2	<10	20	<0.5	<2	0.65	<0.5	1	24	2
G312460		2.84	0.035		0.3	1.01	9	<10	10	<0.5	<2	1.56	<0.5	2	26	18
G312461		2.12	0.323		0.3	0.33	23	<10	30	<0.5	2	0.43	<0.5	1	16	27
G312462		1.14	<0.005		<0.2	1.60	5	<10	40	<0.5	<2	0.32	<0.5	3	33	13
G312463		2.18	0.190		<0.2	0.35	9	<10	20	<0.5	2	0.29	<0.5	<1	15	12
G312464		1.20	<0.005		<0.2	0.41	<2	<10	10	<0.5	<2	0.67	<0.5	<1	13	18
G312465		1.48	0.006		<0.2	0.43	7	<10	20	<0.5	<2	0.50	<0.5	<1	17	2
G312466		0.88	1.575		0.7	0.13	1150	<10	10	<0.5	<2	0.04	<0.5	<1	17	13
G312467		2.84	0.008		0.6	0.36	100	<10	30	<0.5	<2	0.11	<0.5	1	19	98
G312468		3.82	1.325		0.6	1.21	865	<10	10	<0.5	<2	0.08	<0.5	2	21	54
G312469		4.84	0.427		0.5	1.06	78	<10	30	<0.5	<2	0.10	<0.5	2	18	79
G312470		0.58	0.138		0.3	0.12	108	<10	10	<0.5	<2	0.05	<0.5	<1	12	19
G312471		1.54	0.044		<0.2	0.38	8	<10	30	<0.5	<2	0.58	<0.5	1	18	6
G312472		2.96	<0.005		0.3	0.51	132	<10	10	<0.5	<2	0.09	<0.5	1	18	78
G312473		1.34	0.023		0.3	0.43	40	<10	40	<0.5	<2	0.32	<0.5	1	19	46
G312474		2.00	<0.005		0.3	0.72	119	<10	20	<0.5	<2	0.08	<0.5	1	20	56
G312475		3.48	0.022		0.6	0.29	11	<10	30	<0.5	<2	0.12	<0.5	<1	18	79
G312476		1.84	<0.005		0.4	1.51	31	<10	20	<0.5	<2	0.46	<0.5	3	16	76
G312477		1.86	0.028		<0.2	0.46	5	<10	20	<0.5	<2	0.96	<0.5	1	20	10
G312478		2.38	<0.005		<0.2	0.52	17	<10	10	<0.5	<2	0.18	<0.5	1	21	10
G312479		2.74	0.189		0.5	0.40	27	<10	10	<0.5	<2	0.06	<0.5	1	13	61
G312480		3.00	0.155		0.3	0.32	151	<10	20	<0.5	<2	0.18	<0.5	<1	21	12
G312481		0.58	<0.005		0.2	1.16	25	<10	80	<0.5	<2	0.13	<0.5	2	19	40
G312482		1.96	0.701		0.3	0.49	916	<10	10	<0.5	<2	0.34	<0.5	1	26	36
G312483		2.62	0.377		0.3	0.46	294	<10	10	<0.5	<2	0.23	<0.5	<1	22	23
G312484		2.06	0.188		0.2	1.20	188	<10	10	<0.5	<2	0.47	<0.5	1	22	14
G312485		3.42	0.337		0.2	0.91	157	<10	10	<0.5	<2	0.53	<0.5	<1	23	28
G312486		1.72	<0.005		<0.2	0.09	10	<10	10	<0.5	<2	0.11	<0.5	<1	19	7
G312487		1.64	<0.005		<0.2	0.06	<2	<10	150	<0.5	<2	6.50	<0.5	<1	14	1
G312488		1.10	0.011		<0.2	0.33	36	<10	10	<0.5	<2	0.06	<0.5	<1	13	69
G312489		2.52	1.120	0.527	0.6	0.13	8	<10	40	<0.5	<2	0.29	<0.5	<1	27	36
G312490		1.32	0.007	0.010	<0.2	0.27	377	<10	20	<0.5	<2	0.63	<0.5	<1	17	18



Project: Risby Creek

**CERTIFICATE OF ANALYSIS VA09105545**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G312451		8.17	<10	<1	0.03	<10	0.63	668	<1	<0.01	28	90	3	0.58	3	2
G312452		5.38	<10	1	0.02	<10	0.24	384	<1	<0.01	16	90	3	1.05	3	1
G312453		8.12	<10	<1	0.01	<10	0.48	559	<1	<0.01	23	70	2	0.48	<2	2
G312454		1.41	<10	1	0.06	<10	0.60	1225	<1	0.01	7	160	13	0.09	<2	3
G312455		3.09	<10	<1	0.02	<10	0.59	277	<1	<0.01	6	140	34	0.54	<2	3
G312456		5.27	10	<1	0.09	<10	1.66	384	<1	0.01	13	470	4	0.20	<2	8
G312457		7.04	<10	<1	0.01	<10	0.65	834	<1	<0.01	21	60	3	0.03	<2	2
G312458		0.47	<10	<1	0.03	<10	1.47	295	<1	<0.01	4	110	2	<0.01	<2	1
G312459		0.80	<10	<1	0.01	<10	0.06	93	<1	<0.01	1	80	<2	<0.01	<2	1
G312460		3.18	<10	<1	<0.01	<10	0.62	278	<1	<0.01	6	290	10	0.33	<2	3
G312461		7.15	<10	1	0.01	<10	0.12	265	<1	<0.01	21	120	4	0.71	<2	1
G312462		3.33	<10	<1	0.02	<10	1.09	159	<1	<0.01	7	140	2	0.20	<2	3
G312463		6.35	<10	<1	0.01	<10	0.19	516	<1	<0.01	16	120	3	0.14	<2	1
G312464		4.77	<10	<1	<0.01	<10	0.28	767	<1	<0.01	12	60	3	0.27	<2	1
G312465		8.09	<10	<1	<0.01	<10	0.33	166	<1	<0.01	29	80	<2	0.02	<2	1
G312466		7.87	<10	<1	<0.01	<10	0.05	134	<1	<0.01	12	60	<2	4.12	<2	<1
G312467		7.20	<10	<1	0.01	<10	0.16	210	1	<0.01	54	180	2	3.38	3	1
G312468		5.99	<10	<1	<0.01	<10	0.70	159	<1	<0.01	41	110	3	2.20	<2	2
G312469		6.67	<10	<1	0.01	<10	0.55	189	<1	<0.01	37	140	2	2.66	<2	2
G312470		6.51	<10	1	<0.01	<10	0.09	150	<1	<0.01	10	120	2	1.46	<2	<1
G312471		6.87	<10	1	0.02	<10	0.33	114	<1	<0.01	24	80	3	0.21	<2	1
G312472		5.10	<10	<1	0.01	<10	0.24	139	<1	<0.01	12	90	2	1.80	<2	1
G312473		4.85	<10	<1	0.02	<10	0.25	241	<1	<0.01	10	80	2	1.50	<2	1
G312474		5.20	<10	<1	0.01	<10	0.34	140	<1	<0.01	18	190	<2	1.82	<2	1
G312475		7.15	<10	<1	0.01	<10	0.11	216	<1	<0.01	35	70	3	3.24	<2	1
G312476		7.61	<10	<1	<0.01	<10	0.88	647	1	<0.01	82	100	3	2.04	<2	3
G312477		4.38	<10	<1	<0.01	<10	0.35	314	<1	<0.01	11	60	3	0.36	<2	1
G312478		1.96	<10	1	<0.01	<10	0.25	123	<1	<0.01	4	120	3	0.13	<2	<1
G312479		4.40	<10	1	<0.01	<10	0.18	101	<1	<0.01	15	60	4	2.04	<2	1
G312480		4.08	<10	<1	0.01	<10	0.10	107	<1	<0.01	7	50	2	0.96	<2	<1
G312481		4.78	<10	1	0.01	<10	0.60	189	1	<0.01	23	70	3	1.11	<2	2
G312482		4.59	<10	<1	0.01	<10	0.20	265	<1	<0.01	8	90	3	1.25	<2	1
G312483		3.72	<10	<1	0.01	<10	0.14	167	<1	<0.01	6	60	2	0.62	<2	1
G312484		5.44	<10	1	<0.01	<10	0.45	271	<1	<0.01	14	80	2	0.58	<2	1
G312485		6.10	<10	<1	<0.01	<10	0.39	263	1	<0.01	15	90	<2	1.38	2	1
G312486		6.00	<10	<1	<0.01	<10	0.11	263	1	<0.01	16	120	<2	0.32	<2	<1
G312487		0.54	<10	1	0.02	<10	0.04	218	1	<0.01	1	70	<2	0.02	<2	1
G312488		4.22	<10	<1	<0.01	<10	0.14	80	1	<0.01	12	70	<2	2.06	<2	1
G312489		4.37	<10	<1	0.01	<10	0.10	99	1	<0.01	7	120	<2	1.80	<2	<1
G312490		5.98	<10	<1	<0.01	<10	0.18	214	1	<0.01	13	50	<2	1.00	6	<1



Project: Risby Creek

**CERTIFICATE OF ANALYSIS VA09105545**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Sr	Th	Ti	Tl	U	V	W	Zn
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
		1	20	0.01	10	10	1	10	2
G312451		92	<20	0.01	<10	<10	39	<10	53
G312452		25	<20	<0.01	<10	<10	21	<10	21
G312453		121	<20	0.01	<10	<10	18	<10	32
G312454		528	<20	<0.01	<10	<10	5	<10	30
G312455		58	<20	<0.01	<10	<10	34	<10	36
G312456		113	<20	0.01	<10	<10	64	<10	121
G312457		134	<20	<0.01	<10	<10	33	<10	37
G312458		52	<20	<0.01	<10	<10	1	<10	6
G312459		5	<20	<0.01	<10	<10	3	<10	8
G312460		69	<20	<0.01	<10	<10	37	<10	44
G312461		15	<20	<0.01	<10	<10	16	<10	18
G312462		17	<20	<0.01	<10	<10	36	<10	49
G312463		16	<20	<0.01	<10	<10	16	<10	18
G312464		47	<20	<0.01	<10	<10	18	<10	17
G312465		28	<20	0.01	<10	<10	19	<10	31
G312466		2	<20	<0.01	<10	<10	7	<10	7
G312467		7	<20	<0.01	<10	<10	34	<10	23
G312468		6	<20	<0.01	<10	<10	34	<10	42
G312469		7	<20	<0.01	<10	<10	30	<10	41
G312470		3	<20	<0.01	<10	<10	6	<10	10
G312471		32	<20	<0.01	<10	<10	13	<10	25
G312472		6	<20	<0.01	<10	<10	12	<10	17
G312473		20	<20	<0.01	<10	<10	12	<10	19
G312474		6	<20	<0.01	<10	<10	18	<10	28
G312475		5	<20	<0.01	<10	<10	24	<10	18
G312476		24	<20	<0.01	<10	<10	45	<10	66
G312477		72	<20	<0.01	<10	<10	20	<10	19
G312478		9	<20	<0.01	<10	<10	8	<10	19
G312479		4	<20	<0.01	<10	<10	10	<10	15
G312480		9	<20	<0.01	<10	<10	10	<10	10
G312481		9	<20	<0.01	<10	<10	29	<10	42
G312482		17	<20	<0.01	<10	<10	11	<10	15
G312483		12	<20	<0.01	<10	<10	11	<10	14
G312484		25	<20	<0.01	<10	<10	23	<10	35
G312485		29	<20	<0.01	<10	<10	21	<10	29
G312486		7	<20	<0.01	<10	<10	7	<10	13
G312487		160	<20	<0.01	<10	<10	1	<10	5
G312488		3	<20	<0.01	<10	<10	8	<10	10
G312489		11	<20	<0.01	<10	<10	5	<10	6
G312490		37	<20	<0.01	<10	<10	12	<10	14



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35 DAWSON ROAD

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**CERTIFICATE OF ANALYSIS VA09105545**

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	Au-AA24 Au Check ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm
Sample Description	0.02	0.005	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
G312491	1.68	<0.005	<0.005	<0.2	0.22	<2	<10	60	<0.5	<2	1.48	<0.5	<1	21	7 <sub>2</sub>
G312492	2.10	0.013		0.2	0.13	297	<10	10	<0.5	<2	0.03	<0.5	<1	18	54
G312493	1.82	1.055	0.999	0.2	0.08	305	<10	30	<0.5	<2	0.02	<0.5	<1	15	16
G312494	1.38	0.012	0.005	<0.2	0.21	8	<10	70	<0.5	<2	1.45	<0.5	2	21	13
G312495	1.36	<0.005	0.015	<0.2	0.08	25	<10	50	<0.5	<2	10.95	<0.5	3	85	13
G312496	0.96	0.016	0.018	<0.2	0.08	16	<10	30	<0.5	<2	0.07	<0.5	<1	10	6
G312497	2.16	0.238	0.314	0.2	0.44	2	<10	20	<0.5	<2	1.42	<0.5	<1	17	6
G312498	2.28	<0.005		<0.2	0.72	2	<10	30	<0.5	<2	3.42	<0.5	1	25	2
G312499	2.16	0.015		0.4	0.16	562	<10	10	<0.5	<2	0.35	<0.5	<1	21	40
G312500	1.06	<0.005		<0.2	0.24	7	<10	120	<0.5	<2	15.1	1.0	6	7	27
G312251	2.18	0.246		0.2	0.20	588	<10	20	<0.5	<2	0.35	<0.5	1	22	52
G312252	2.02	<0.005		<0.2	0.13	78	<10	10	<0.5	<2	0.11	<0.5	<1	17	35
G312253	2.54	<0.005		<0.2	0.20	7	<10	250	<0.5	<2	12.95	0.5	1	42	16





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Project: Risby Creek

**CERTIFICATE OF ANALYSIS VA09105545**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G312491		0.54	<10	<1	0.06	<10	0.08	236	<1	<0.01	2	40	6	0.04	<2	<1
G312492		4.25	<10	<1	<0.01	<10	0.07	92	1	<0.01	6	30	<2	1.95	<2	<1
G312493		5.41	<10	1	0.01	<10	0.01	118	1	<0.01	5	70	<2	1.33	<2	<1
G312494		1.16	<10	<1	0.03	<10	0.10	255	1	<0.01	3	80	3	0.03	<2	1
G312495		0.58	<10	<1	0.02	<10	2.03	204	<1	<0.01	45	260	3	0.03	<2	1
G312496		4.79	<10	<1	0.02	<10	0.03	102	<1	<0.01	2	100	<2	1.25	<2	<1
G312497		3.34	<10	<1	<0.01	<10	0.20	308	1	<0.01	5	40	<2	0.63	<2	1
G312498		1.59	<10	<1	0.02	<10	0.61	779	<1	<0.01	5	120	3	0.07	<2	1
G312499		5.92	<10	<1	<0.01	<10	0.07	139	<1	<0.01	20	160	<2	2.63	2	<1
G312500		3.34	<10	<1	0.08	<10	6.54	1835	<1	0.02	11	270	6	<0.01	2	4
G312251		7.67	<10	<1	<0.01	<10	0.11	268	2	<0.01	38	250	<2	3.82	<2	<1
G312252		4.48	<10	1	0.01	<10	0.06	85	1	<0.01	4	70	<2	1.78	<2	<1
G312253		0.56	<10	<1	0.05	<10	5.15	769	1	<0.01	14	360	2	0.03	<2	1



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Project: Risby Creek

## CERTIFICATE OF ANALYSIS VA09105545

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sr	Th	Ti	Tl	U	V	W	Zn
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
		1	20	0.01	10	10	1	10	2
G312491		69	<20	<0.01	<10	<10	3	<10	9
G312492		2	<20	<0.01	<10	<10	4	<10	6
G312493		3	<20	<0.01	<10	<10	8	<10	4
G312494		24	<20	<0.01	<10	<10	4	<10	10
G312495		298	<20	<0.01	<10	<10	9	<10	18
G312496		5	<20	<0.01	<10	<10	10	<10	3
G312497		57	<20	<0.01	<10	<10	24	<10	21
G312498		140	<20	<0.01	<10	<10	20	<10	13
G312499		13	<20	<0.01	<10	<10	7	<10	7
G312500		185	<20	<0.01	<10	<10	19	<10	129
G312251		15	<20	<0.01	<10	<10	34	<10	7
G312252		7	<20	<0.01	<10	<10	15	<10	6
G312253		429	<20	<0.01	<10	<10	7	<10	20





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Project: Risby Creek

## CERTIFICATE OF ANALYSIS VA09107515

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Pb-OG46
		Th	Ti	Tl	U	V	W	Zn	Pb
		ppm	%	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	0.001
G312254 RC 1	Risby Creek	<20	<0.01	<10	<10	10	<10	10	
G312255 RC 2		<20	<0.01	<10	<10	3	<10	16	
G312256 PC 1		<20	<0.01	<10	<10	27	<10	22	
G312257 PC 2		<20	<0.01	<10	<10	4	<10	7	
G312258 PC 3		<20	<0.01	<10	<10	7	<10	9	
G312259 PC 4		<20	<0.01	<10	<10	4	<10	5	
G312260 PC 5		<20	<0.01	<10	<10	34	<10	14	
G312261 PC 6		<20	<0.01	<10	<10	16	<10	8	
G312262 PC 7		<20	<0.01	<10	<10	3	<10	5	
G312263 PC 8		<20	<0.01	<10	<10	4	<10	5	
G312264 PC 9	↓	<20	<0.01	<10	<10	14	<10	30	
G312265 PC 10		<20	<0.01	<10	<10	7	<10	8	
G312266 M 1		<20	<0.01	<10	<10	1	<10	167	
G312267 M 2		<20	<0.01	<10	<10	3	<10	29	
G312268 M 3		<20	<0.01	<10	<10	12	<10	35	
G312269 M 4		<20	<0.01	<10	<10	4	<10	147	
G312270 M 5		<20	<0.01	<10	<10	5	<10	658	2.20
G312271 M 6		<20	<0.01	<10	<10	5	<10	1600	
G312272 M 7		<20	<0.01	<10	<10	4	<10	603	1.680
G312273 M 8		<20	<0.01	<10	<10	5	<10	34	
G312274 M 9		<20	<0.01	<10	<10	5	<10	507	
G312275 M 10		<20	<0.01	<10	<10	4	<10	522	1.880
G312276 M 11		<20	<0.01	<10	<10	10	<10	1085	
G312277 M 12		<20	<0.01	<10	<10	4	<10	420	
G312278 M 13		<20	<0.01	<10	<10	6	<10	39	
G312279 M 14		<20	<0.01	<10	<10	4	<10	1140	
G312280 M 15		<20	<0.01	<10	<10	6	<10	41	



Project: Risby Creek

**CERTIFICATE OF ANALYSIS VA09107515**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
G312254 RC 1		<10	<1	0.01	<10	0.13	203	3	0.01	14	160	<2	2.20	4	1	16
G312255 RC 2		<10	<1	0.01	<10	0.05	276	9	0.01	14	170	12	0.09	<2	<1	5
G312256 PC 1		<10	<1	<0.01	<10	0.30	354	4	0.01	7	40	8	0.66	<2	1	61
G312257 PC 2		<10	<1	<0.01	<10	0.03	68	<1	0.01	5	40	<2	0.91	<2	<1	2
G312258 PC 3		<10	1	<0.01	<10	0.06	146	1	0.01	8	70	<2	2.63	<2	<1	4
G312259 PC 4		<10	<1	0.01	<10	0.05	54	1	0.01	6	30	<2	2.98	<2	<1	2
G312260 PC 5		<10	<1	<0.01	<10	0.06	46	<1	0.01	5	40	<2	2.40	<2	<1	2
G312261 PC 6		<10	<1	<0.01	<10	0.06	224	2	0.01	11	140	3	3.16	<2	<1	7
G312262 PC 7		<10	1	<0.01	<10	0.04	65	<1	0.01	15	60	<2	3.98	2	<1	3
G312263 PC 8		<10	1	<0.01	<10	0.03	95	<1	0.01	19	70	<2	4.01	3	<1	4
G312264 PC 9		<10	1	0.01	<10	0.33	92	<1	0.01	7	110	<2	1.02	<2	1	4
G312265 PC 10		<10	<1	<0.01	<10	0.07	63	<1	0.01	20	80	<2	2.80	<2	<1	3
G312266 M 1		<10	<1	0.04	<10	0.07	1060	<1	0.02	24	120	24	2.60	6	4	146
G312267 M 2		<10	<1	0.11	<10	0.21	257	<1	0.01	8	140	5	0.11	<2	5	80
G312268 M 3		<10	<1	0.09	<10	0.84	204	1	0.02	6	3630	2	<0.01	3	2	567
G312269 M 4		<10	1	0.03	<10	0.97	19400	<1	0.02	<1	40	7250	0.14	22	1	456
G312270 M 5		<10	4	0.02	<10	0.82	24800	<1	0.02	17	30	>10000	0.97	2680	1	29
G312271 M 6		<10	<1	0.02	<10	0.73	29900	<1	0.02	12	110	8560	0.19	98	1	22
G312272 M 7		<10	1	0.03	<10	0.98	19200	<1	0.02	<1	60	>10000	0.29	41	1	452
G312273 M 8		<10	1	0.01	<10	0.67	27400	<1	0.02	<1	90	5780	0.11	<2	1	12
G312274 M 9		<10	1	0.02	<10	0.70	28300	<1	0.02	2	70	8720	0.18	2	1	13
G312275 M 10		<10	5	0.01	<10	0.82	24600	<1	0.02	14	40	>10000	0.88	3350	1	23
G312276 M 11		<10	1	0.02	<10	0.70	22400	<1	0.02	6	400	4260	0.09	29	1	26
G312277 M 12		<10	<1	0.01	<10	0.60	23000	<1	0.02	<1	110	7710	0.15	10	1	12
G312278 M 13		<10	<1	0.01	<10	0.55	22500	<1	0.02	<1	130	4160	0.07	6	1	11
G312279 M 14		<10	1	0.01	<10	0.79	30600	<1	0.02	11	70	1955	0.05	43	1	18
G312280 M 15		<10	<1	0.01	<10	0.61	24700	<1	0.02	<1	110	2730	0.04	2	1	12



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ALS Canada Ltd.

2103 Dollarton Hwy

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: NEWRISE RESOURCES

2201 16 COUNTRY VILLAGE BAY NE

CALGARY AB T3K 5Y9

Page: 2 - A

Total # Pages: 2 (A - C)

Finalized Date: 12-OCT-2009

Account: NEWRIS

Project: Risby Creek

## CERTIFICATE OF ANALYSIS VA09107515

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G312254 RC 1	Risby Creek Project	0.72	2.34	0.3	0.17	163	<10	10	<0.5	<2	0.26	<0.5	1	8	44	5.52
G312255 RC 2		0.72	0.154	0.2	0.10	5	<10	20	<0.5	<2	0.07	<0.5	<1	3	12	6.28
G312256 PC 1		0.72	0.005	<0.2	0.44	7	<10	10	<0.5	<2	1.42	<0.5	2	7	28	2.74
G312257 PC 2		0.34	0.396	<0.2	0.11	14	<10	10	<0.5	<2	0.03	<0.5	<1	5	3	3.28
G312258 PC 3		0.36	0.046	<0.2	0.11	19	<10	10	<0.5	<2	0.09	<0.5	<1	6	40	5.67
G312259 PC 4		0.64	0.137	<0.2	0.13	31	<10	10	<0.5	<2	0.04	<0.5	<1	7	16	4.54
G312260 PC 5		0.40	0.020	<0.2	0.29	209	<10	10	<0.5	<2	0.02	<0.5	<1	7	42	4.42
G312261 PC 6		0.60	0.904	0.6	0.10	26	<10	10	<0.5	<2	0.21	<0.5	<1	14	10	6.72
G312262 PC 7		0.72	0.068	<0.2	0.10	76	<10	10	<0.5	<2	0.05	<0.5	<1	5	50	5.98
G312263 PC 8		0.60	0.072	0.3	0.11	259	<10	10	<0.5	<2	0.08	<0.5	<1	7	60	6.60
G312264 PC 9		0.78	0.005	<0.2	0.82	5	<10	20	<0.5	<2	0.03	<0.5	<1	8	39	4.26
G312265 PC 10		0.96	0.171	<0.2	0.14	169	<10	10	<0.5	<2	0.05	<0.5	<1	9	23	6.66
G312266 M 1		0.92	<0.005	<0.2	0.07	11	<10	50	<0.5	<2	3.37	<0.5	8	17	36	2.67
G312267 M 2		0.78	<0.005	<0.2	0.22	3	<10	80	<0.5	<2	0.82	<0.5	3	14	34	1.16
G312268 M 3		0.60	<0.005	<0.2	0.21	19	<10	230	<0.5	<2	19.4	0.5	1	14	6	0.49
G312269 M 4	0.54	<0.005	9.9	0.06	2	<10	20	<0.5	6	7.60	<0.5	<1	<1	29	29.3	
G312270 M 5	0.66	0.006	24.1	0.04	125	<10	20	<0.5	9	0.89	1.6	<1	<1	4880	42.6	
G312271 M 6	0.72	<0.005	12.5	0.06	14	<10	1060	<0.5	8	0.72	<0.5	<1	<1	138	42.7	
G312272 M 7	0.78	<0.005	19.4	0.05	4	<10	40	<0.5	5	7.69	<0.5	<1	<1	56	28.6	
G312273 M 8	0.90	<0.005	4.1	0.04	2	<10	10	<0.5	7	0.52	<0.5	<1	<1	<1	42.4	
G312274 M 9	0.62	<0.005	4.9	0.04	3	<10	10	<0.5	<2	0.61	1.9	<1	<1	1	41.0	
G312275 M 10	0.56	0.005	23.8	0.02	99	<10	20	<0.5	2	0.70	2.1	<1	<1	5020	39.6	
G312276 M 11	1.40	<0.005	1.9	0.07	3	<10	20	<0.5	<2	0.74	1.9	<1	<1	38	35.5	
G312277 M 12	0.92	<0.005	4.5	0.04	3	<10	10	<0.5	<2	0.49	1.6	<1	<1	2	34.9	
G312278 M 13	2.18	<0.005	2.4	0.04	4	<10	20	<0.5	<2	0.38	<0.5	<1	<1	5	34.1	
G312279 M 14	1.12	<0.005	4.2	0.05	10	<10	350	<0.5	<2	0.68	0.5	<1	<1	60	42.7	
G312280 M 15	0.54	<0.005	1.5	0.04	4	<10	50	<0.5	<2	0.45	<0.5	<1	<1	<1	37.5	



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CALGARY AB T3K 5Y9

Page: 1

Finalized Date: 12-OCT-2009

This copy reported on 13-OCT-2009

Account: NEWRIS

## CERTIFICATE VA09107515

Project: Risby Creek

P.O. No.:

This report is for 27 Rock samples submitted to our lab in Vancouver, BC, Canada on 29-SEP-2009.

The following have access to data associated with this certificate:

PETER RISBY

P. RISBY

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

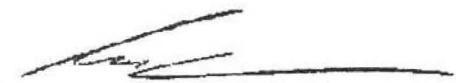
## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Au-AA24	Au 50g FA AA finish	AAS

To: **NEWRISE RESOURCES**  
**ATTN: PETER RISBY**  
**C/O 202 MOTOR INN**  
**206 JARVIS STREET**  
**WHITEHORSE YT Y1A 2H1**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
 Colin Ramshaw, Vancouver Laboratory Manager

VA09085838 - Finalized

CLIENT : "UX - Eco-Tech Laboratories Ltd."

# of SAMPLES : 10

DATE RECEIVED : 2009-08-13 DATE FINALIZED : 2009-09-03

PROJECT : "NEW RISE"

CERTIFICATE COMMENTS : "ALL:NSS is non-sufficient sample. "

PO NUMBER : " "

SAMPLE	Au-SCR24 Au Total (+ Au (+) Frac DESCRPTIC ppm	Au-SCR24 Au (+) Frac ppm	Au-SCR24 Au (-) Fract ppm	Au-SCR24 Au (+) mg mg	Au-SCR24 WT. + Frac g	Au-SCR24 WT. - Frac g	Au-AA26 Au ppm	Au-AA26D Au ppm
098108A0C	<0.05	<0.05	<0.05	<0.001	2.52	274.1	<0.01	0.01
098108A0C	4.98	14.55	4.86	0.094	6.45	507.9	4.97	4.74
098108A0C	3.68	17.85	3.19	0.183	10.26	298.6	3.27	3.11
098108A0C	<0.05	<0.05	<0.05	<0.001	8.08	340.7	0.03	0.02
098108A0C	1.2	19.65	0.87	0.285	14.5	796.6	0.97	0.76
098108A0C	<0.05	<0.05	<0.05	<0.001	6.38	298	0.02	0.01
098002A0C	0.14	<0.05	0.14	<0.001	0.03	54.4	0.14	0.14
098002A01	NSS	NSS	NSS	NSS	NSS	NSS	0.38	0.34
098002A01	0.25	3.08	0.14	0.065	21.12	539.2	0.19	0.09
098002A01	0.45	<0.05	0.45	<0.001	0.22	73.2	0.33	0.57

Eco Tech Laboratory Ltd.  
2953 Shuswap Road  
Kamloops, BC  
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Tel + 1 250 573 5700  
Fax + 1 250 573 4557  
Toll Free + 1 877 573 5755  
www.stewartgroupglobal.com



**StewartGroup**  
Geochemical & Assay

## CERTIFICATE OF ASSAY AW 2009-8109

**New Rise Resources**  
2201-16 Country Village Bay  
**Calgary, Alberta**  
T3K 5Y9

25-Aug-09

No. of samples received: 3  
Sample Type: Crushed Rock  
Project: **Risby Creek**  
Submitted by: Peter Risby

*Metallic Assay*

<b>ET #.</b>	<b>Tag #</b>	<b>Au (g/t)</b>	<b>Au (oz/t)</b>
1	KM2483A	0.44	0.013
1	KM2483A	0.35	0.010
1	KM2483A	0.36	0.010
1	KM2483A	0.43	0.013
2	KM2483B	0.37	0.011
2	KM2483B	0.46	0.013
2	KM2483B	0.43	0.013
3	KM2483C	0.57	0.017
3	KM2483C	0.42	0.012
3	KM2483C	0.44	0.013

**QC DATA:**

**Standard:**

OXI67 1.84 0.054

NM/nw  
XLS/09

**ECO TECH LABORATORY LTD.**  
Norman Monteith  
B.C. Certified Assayer

**Appendix 5: Report, Underworld Resources Ltd.**

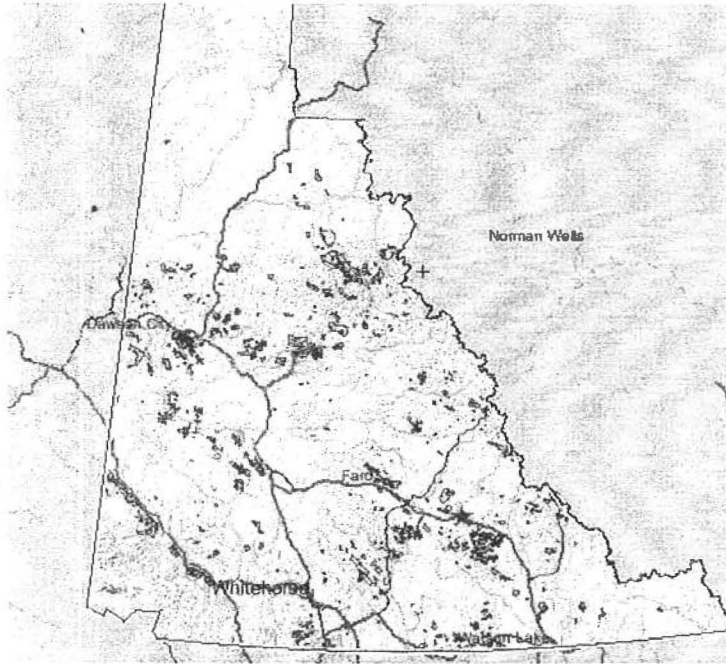


Figure 1 Location of the Risby Creek claims

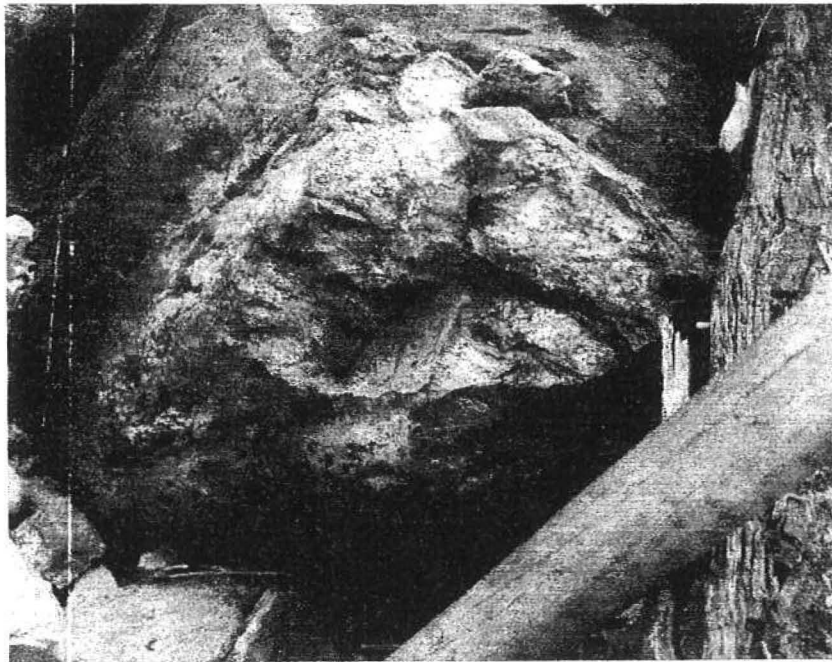
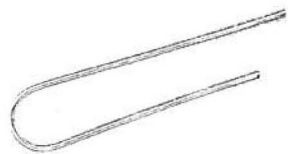


Figure 2 Mineralised boulder in creek





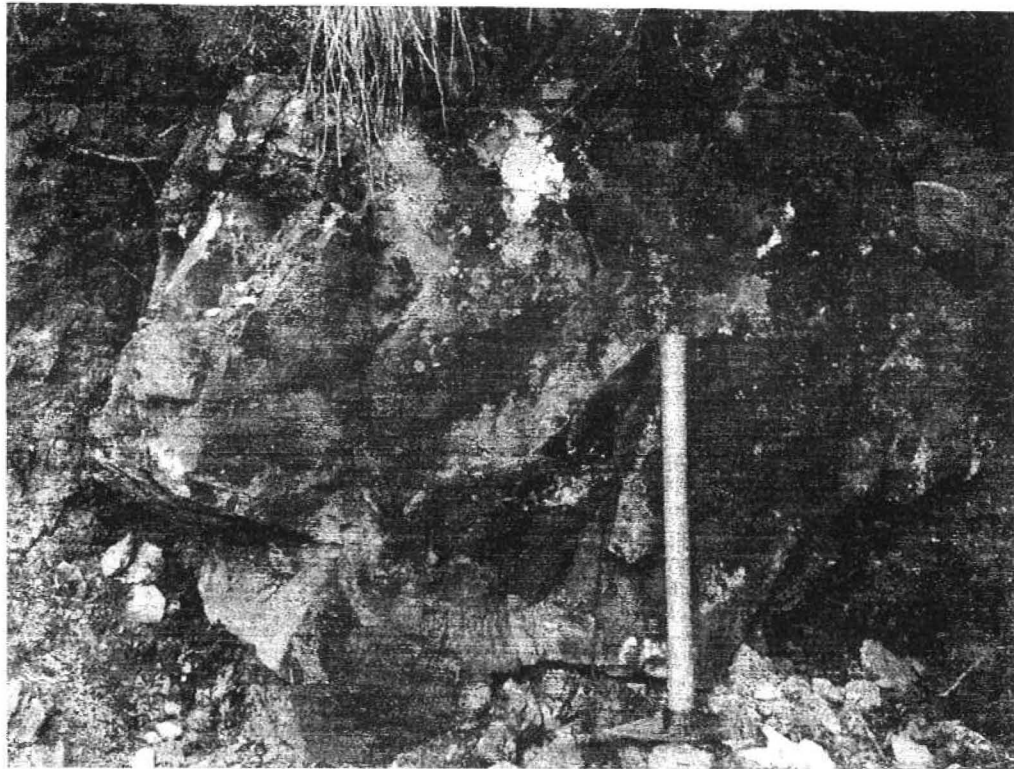


Figure 3 Sub crop boulder running 1.8g/t in sample H130003.

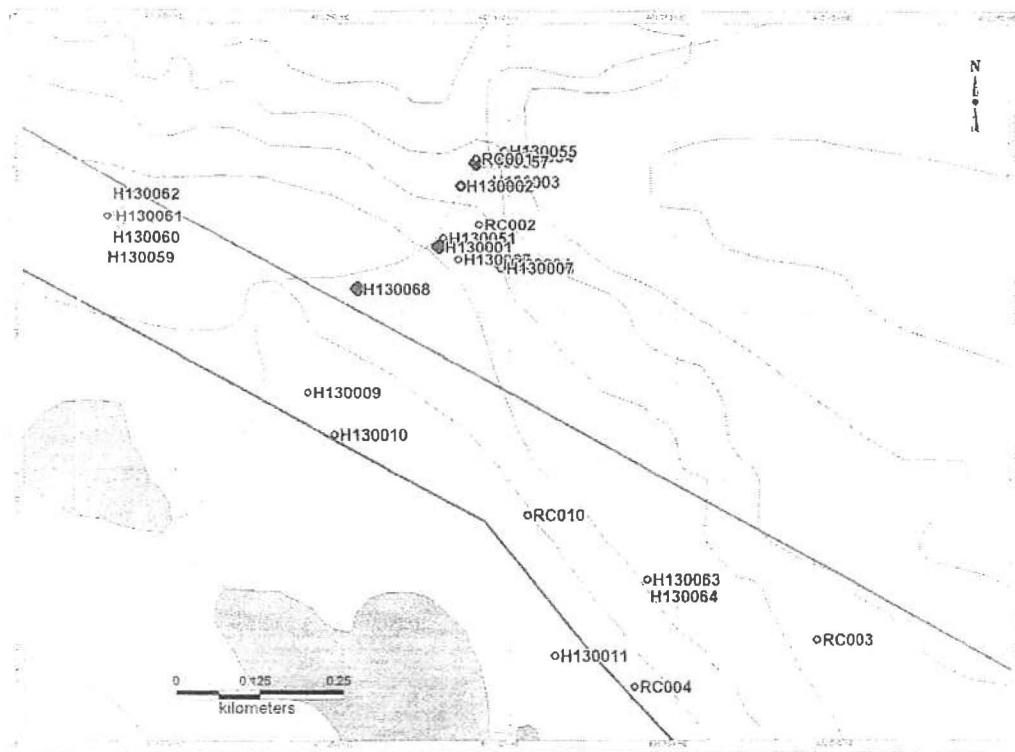


Figure 4 Sample location. Red line is the road, while the brown line represent the south claim boundary.

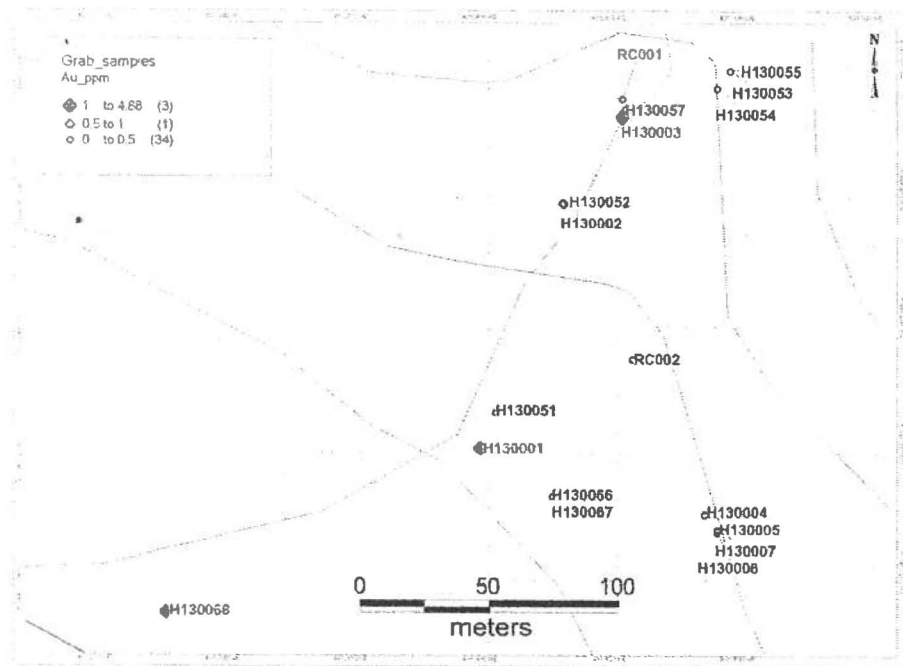


Figure 5 Location of samples at Risby Creek claims. Note that creek is not plotting in the correct spot.

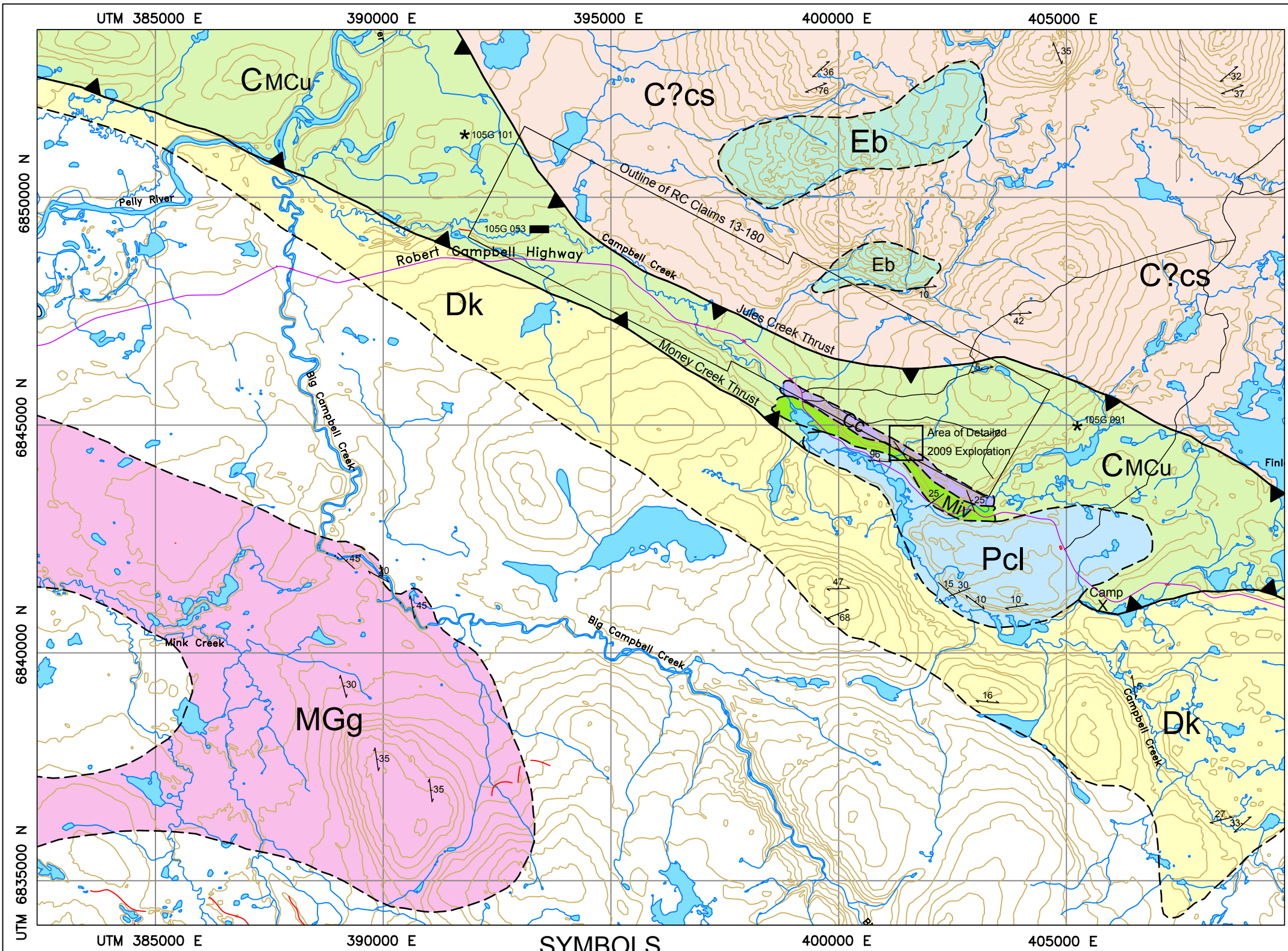
SAMPLE	Easting	Northing	Type	Location	Description	Au ppm	Ag ppm	Al wp	As ppm	Ba ppm	Be ppm	Ca wp	Cr ppm	Cu ppm	Fe wp	Mg wp	Mn ppm	Ni ppm	P ppm	Pb ppm	S wp	V ppm	Zn ppm
H130001	401397	6844352	Boulder	Creek	Silicified ??? With 2-3% Pyrite and Fe-oxide Veinlets	1.98	3.8	0.14	476	<10	<0.5	0.03	23	14	6.69	0.05	43	12	60	<2	4.19	7	7
H130002	401429	6844448	Boulder	Creek	Quartz with 1-2% Pyrite and Stockwork Fe-oxide veinlets	0.365	0.4	0.54	38	10	<0.5	2.02	10	24	8.38	0.65	529	21	60	2	1.81	21	35
H130003	401452	6844481	Sub-crop	hill	Quartz with 1-2% Pyrite/Arsenopyrite and strong Fe-oxide staining	1.805	0.8	0.29	15	<10	<0.5	0.52	22	36	5.7	0.14	283	16	80	<2	1.68	15	16
H130004	401484	6844326	float	hill	Conglomerate	0.005	0.7	0.23	8	130	<0.5	0.05	18	26	1.2	0.02	46	19	390	11	0.56	25	14
H130005	401489	6844319	Sub-crop	hill	Silicified Phyllite with Fe-oxide	0.003	<0.2	0.23	2	590	<0.5	0.43	27	25	0.67	0.07	61	5	100	4	<0.01	5	20
H130006	401489	6844320	float	hill	Quartz with 1-2% Pyrite	0.001	<0.2	0.34	10	110	<0.5	0.25	8	5	1.92	0.03	91	2	70	34	1.7	1	72
H130007	401489	6844320	float	hill	Strongly silicified Phyllite with traces of Pyrite	0.002	<0.2	0.97	2	190	<0.5	1.03	30	33	2.4	0.62	571	61	250	<2	0.07	52	40
H130008	401200	6844131	float	Creek	Quartz with Fe-oxide	<0.001	<0.2	0.24	3	60	<0.5	1.56	16	2	2.57	0.3	641	5	30	2	<0.01	6	13
H130009	401200	6844131	float	Creek	Quartz with Pyrite vein and Fe-oxide	0.003	<0.2	0.11	15	200	<0.5	4.89	15	10	3.85	2.25	1175	15	130	<2	0.08	18	18
H130010	401240	6844069	Boulder	Creek	Silicified Phyllite with Pyrite veinlets and Fe-oxide	0.241	0.4	0.11	6	10	<0.5	0.06	10	24	5.22	0.07	145	12	140	<2	0.86	9	10
H130011	401568	6843739	Boulder	Gravel pit	Quartz with 3-5% Pyrite/Arsenopyrite and Fe-oxide staining	0.058	1.2	0.26	752	30	<0.5	0.09	44	678	3.9	0.06	82	26	50	48	2.55	4	62
H130012		Blank				<0.001	<0.2	0.8	2	180	<0.5	0.52	23	34	2.01	0.58	211	6	760	2	<0.01	57	23
H130013	399276	6845465	Boulder	Gravel pit	Finegrained Granite? With 1-2% Pyrite	<0.001	<0.2	2.08	42	90	1.2	1.14	9	8	1.93	0.27	86	3	430	3	0.96	6	11
H130051	401403	6844366	Boulder	Creek	strongly silicified with <5%py	0.097	0.3	0.03	26	<10	<0.5	0.01	8	33	3.92	0.01	76	4	40	<2	1.9	2	2
H130052	401429	6844448	Boulder	Creek	strongly silicified with <3%py, apy and galena? 3*20cm qveins with crosscutting calcedonic fractures	0.831	0.6	0.5	2950	<10	<0.5	0.17	28	61	6.28	0.2	156	10	110	2	2.41	13	14
H130053	401494	6844499	Sub-crop	hill	<3%py, moderate silicification	0.007	0.2	0.56	65	<10	<0.5	1.8	20	24	2.73	0.47	294	5	80	6	0.53	24	24
H130054	401489	6844492	Boulder	hill	siliceous dark grey massive rock	0.004	0.2	0.14	236	490	<0.5	1.56	41	71	1.98	0.05	11300	132	80	6	<0.01	14	55
H130055	401494	6844499	Boulder	hill	<3%py, moderate silicification	0.002	<0.2	0.2	26	<10	<0.5	1.36	9	20	2.97	0.1	250	6	30	<2	0.83	18	10
H130056		Blank		granite		<0.001	<0.2	0.82	2	220	<0.5	0.48	21	4	2.07	0.64	283	6	760	2	<0.01	60	28

H130057	401453	6844484	Boulder	hill	boudin of mineralised quartz+py in phyllite host	0.015	0.2	0.71	5	<10	<0.5	2.02	13	28	4.13	0.33	287	5	60	7	1.12	38	26
H130058	402600	6843200	Boulder	Gravel pit		<0.001	<0.2	0.02	3	90	<0.5	0.09	43	59	1.86	0.09	417	6	60	<2	<0.01	2	19
H130059	400900	6844400	Boulder	Gravel pit		0.001	<0.2	0.24	9	40	<0.5	2.3	11	16	2.04	0.95	1170	11	240	10	0.01	7	37
H130060	400900	6844400	Boulder	Gravel pit		<0.001	0.2	0.16	4	30	<0.5	0.09	23	26	1.68	0.03	545	10	310	<2	<0.01	4	20
H130061	400900	6844400	Boulder	Gravel pit	pale green altered metasedimentary rock with magnetite and py.	0.002	<0.2	5.58	6	80	0.6	3.93	26	250	2.21	0.58	170	26	100	8	0.95	32	60
H130062	400900	6844400	Boulder	Gravel pit		0.088	1	0.11	103	80	<0.5	0.01	30	28	1.33	0.01	27	6	100	586	0.63	4	125
H130063	401706	6843852	Sub-crop	hill	Quartz conglomerate, expected barren	0.001	<0.2	0.13	5	70	<0.5	>25.0	2	3	0.91	2.26	611	1	210	4	<0.01	3	32
H130064	401706	6843852	Sub-crop	hill	Quartz vein in quartz conglomerate	<0.001	<0.2	0.01	2	<10	<0.5	6.74	25	1	0.23	0.05	134	<1	30	2	<0.01	<1	2
H130065	401425	6844333	Sub-crop	hill	silicified phyllite with stockwork and FeO staining	0.001	0.2	0.6	7	70	<0.5	4.08	9	17	1.35	0.55	890	11	200	4	0.02	8	29
H130066	401425	6844333	Sub-crop	hill	black shale/phyllite with cm scale boudins filled with quartz and py	0.008	0.5	0.86	10	190	<0.5	0.5	18	22	1.86	0.49	154	9	170	19	0.13	10	41
H130067	401425	6844333	Sub-crop	hill	phyllite with cm scale boudins filled with quartz and py	<0.001	<0.2	0.63	7	80	<0.5	1.83	13	16	1.08	0.37	885	18	120	3	0.01	6	42
H130068	401275	6844288	Boulder	Creek	strongly silicified with <5%py	4.88	7	0.1	67	20	<0.5	0.03	29	13	5.42	0.03	28	11	50	<2	3.5	3	4
H130069		Blank				0.006	0.9	1.89	8	100	0.5	3.15	16	110	2.45	0.58	105	52	930	4	1.39	226	17
H130070	399276	6845465	Boulder	Gravel pit	Silicified, mainly fsp, some silicification, pyrite fractures, heavy FeO staining	0.002	<0.2	0.87	2	130	<0.5	0.72	22	24	2.12	0.65	262	7	780	2	<0.01	59	25

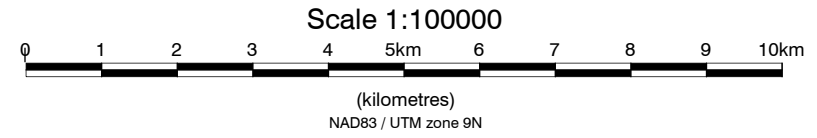
		Ag	Al	As	Ba	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	V	Zn	Au
UNITS	Soil	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
RC 01	Soil	<0.2	1.2	14	360	0.9	0.6	10	21	39	2.8	0.11	20	0.51	456	0.01	36	610	17	0.02	3	3	34	0.01	39	121	0.009
RC 02	Soil	<0.2	0.96	8	390	0.83	0.7	7	21	30	1.95	0.11	10	0.4	362	0.02	30	530	12	0.01	<2	3	37	0.02	36	85	0.006
RC 03	Soil	<0.2	1	9	510	0.5	1.7	6	13	15	2.41	0.08	10	0.25	966	0.01	14	1090	13	0.01	2	2	22	0.01	38	110	<0.005
RC 04	Soil	<0.2	1.36	7	470	0.28	0.7	8	21	9	2.64	0.08	10	0.41	611	0.01	15	310	20	<0.01	<2	2	18	0.02	39	151	<0.005
RC 10	Sed	<0.2	0.37	3	270	24.3	1.1	1	7	12	0.61	0.05	<10	0.4	168	0.02	10	510	7	<0.01	<2	1	380	0.01	10	62	<0.005





- ### LEGEND
- EOCENE**
- Eb** Massive dark green to black fine grained basalt
  - C?cs** Variably foliated dark grey phyllite, white ribbon chert, quartz, quartz feldspathic sandstone, grit & conglomerate
  - Pcl** Dark grey phyllite, chert, chert-pebble conglomerate, greywacke, diamictite and minor limestone
  - CMCu** Campbell Range Succession: Undifferentiated layered rocks, including intermediate to felsic metavolcanic rocks, carbonate, chert, greywacke & phyllite
  - Cc** Massive grey bioclastic crinoidal limestone
  - Miv** Green to white chlorite-muscovite, quartz phyllite (intermediate, lesser felsic composition)
- EARLY MISSISSIPPIAN**
- MGg** Grass Lakes Plutonic Suite: Foliated, linedated medium to coarse grained granitic to monzonitic plutonic rock
- UPPER DEVONIAN**
- Dk** Kudz Ze Kayah Felsic Metavolcanic Unit: Undifferentiated foliated feldspar-muscovite-quartz schist or phyllite

\* Abridged excerpts from Open File 2001-33, Murphy, Colpron et al  
Yukon Geology Program Geological Survey of Canada



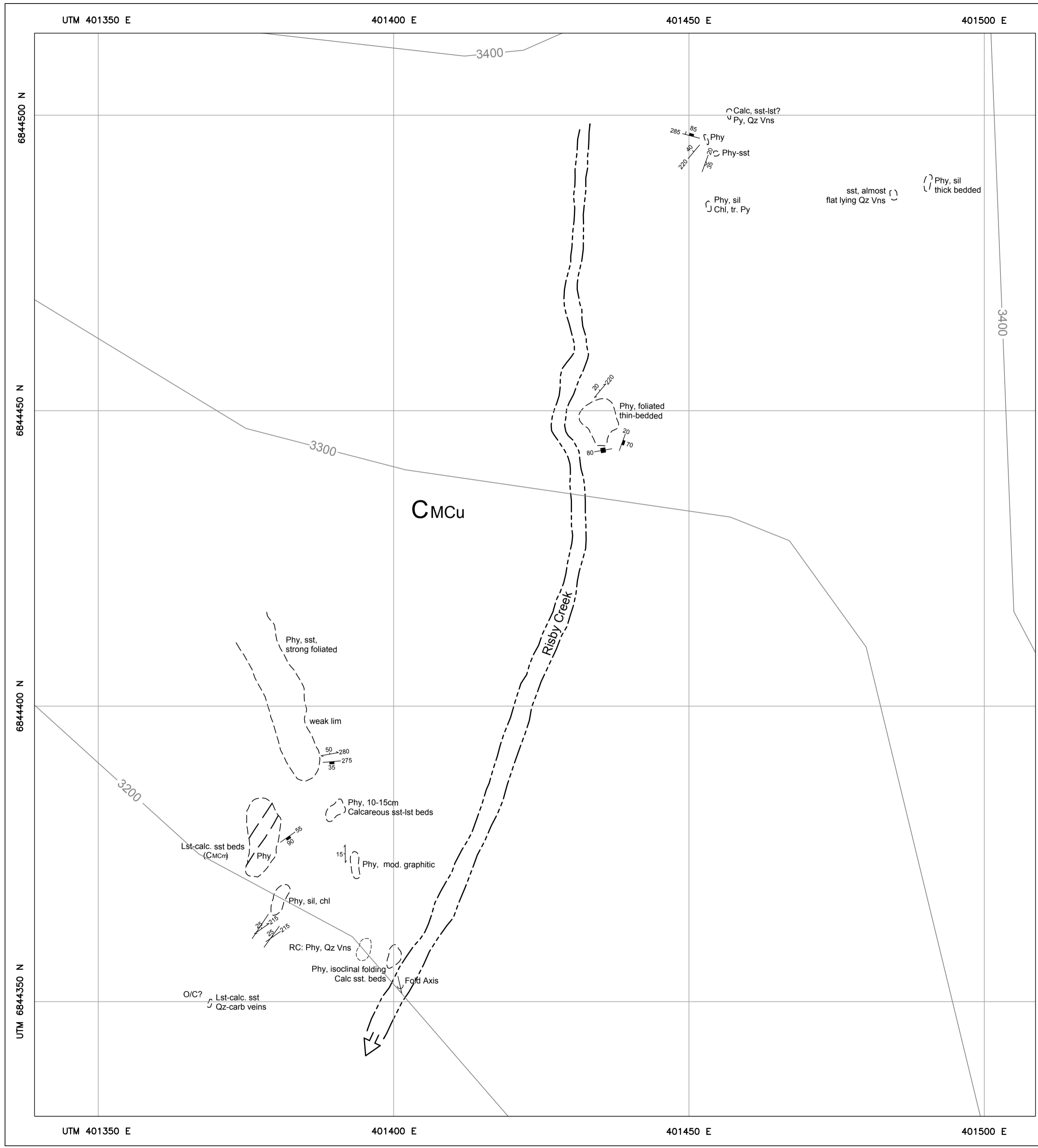
- ### SYMBOLS
- Strike & dip of Bedding
  - Strike & dip of Foliation
  - Thrust Fault
  - Geological contact
  - Minfile occurrence, or anomaly (unknown)
  - Minfile anomaly (Coal)

**NEWRISE RESOURCES**

**RISBY CREEK PROJECT  
2009 PROGRAM  
PROPERTY GEOLOGY MAP  
MAP 1**

NTS: 105 G/10,11,14 &15      Mining District: Watson Lake  
Datum: NAD 83      Projection: UTM Zone 9  
Date: 21 Nov 09      Drawn by: HDS/RS

*Stewart Basin Exploration*



### LEGEND

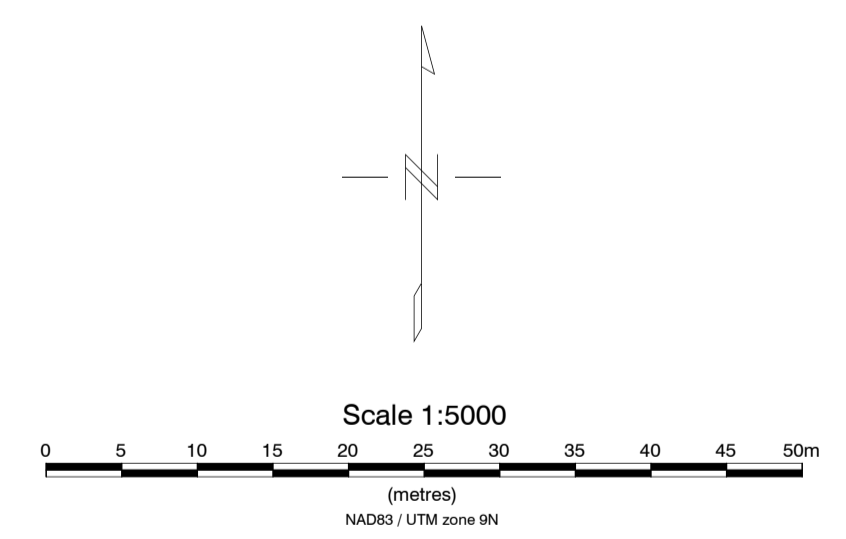
- CARBONIFEROUS (Mississippian?)  
Campbell Range Succession**
- CMCu** Undifferentiated rocks, largely thin bedded phyllites, in hanging wall of Money Creek Fault. Includes thicker beds of calcareous sandstone to limestone (marble).
  - CMCm** Marble, limestone ranging to calcareous sandstone

### SYMBOLS

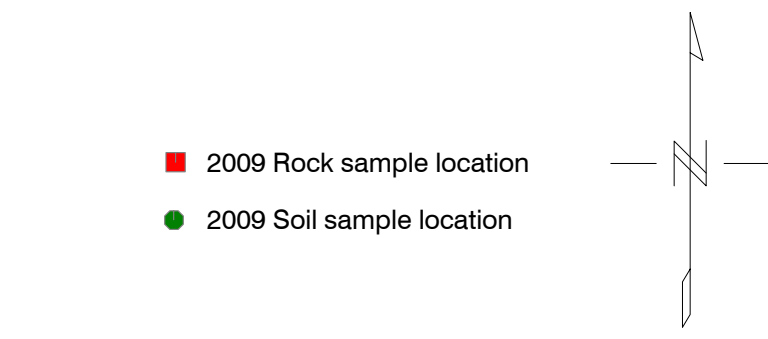
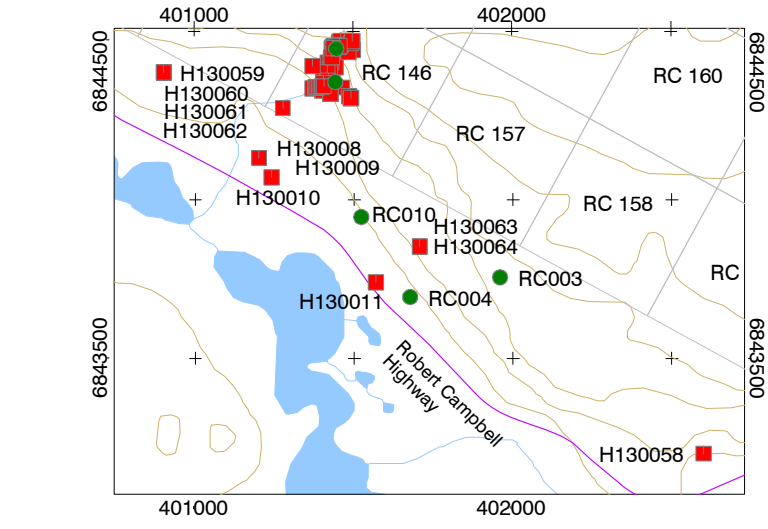
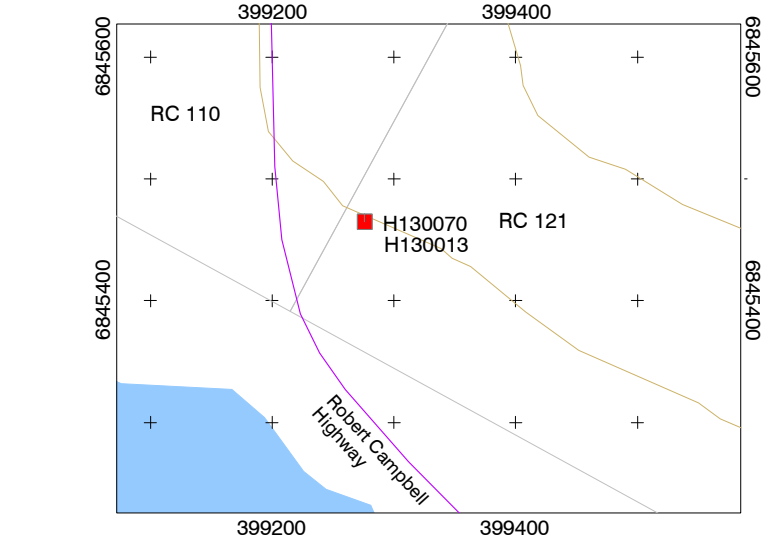
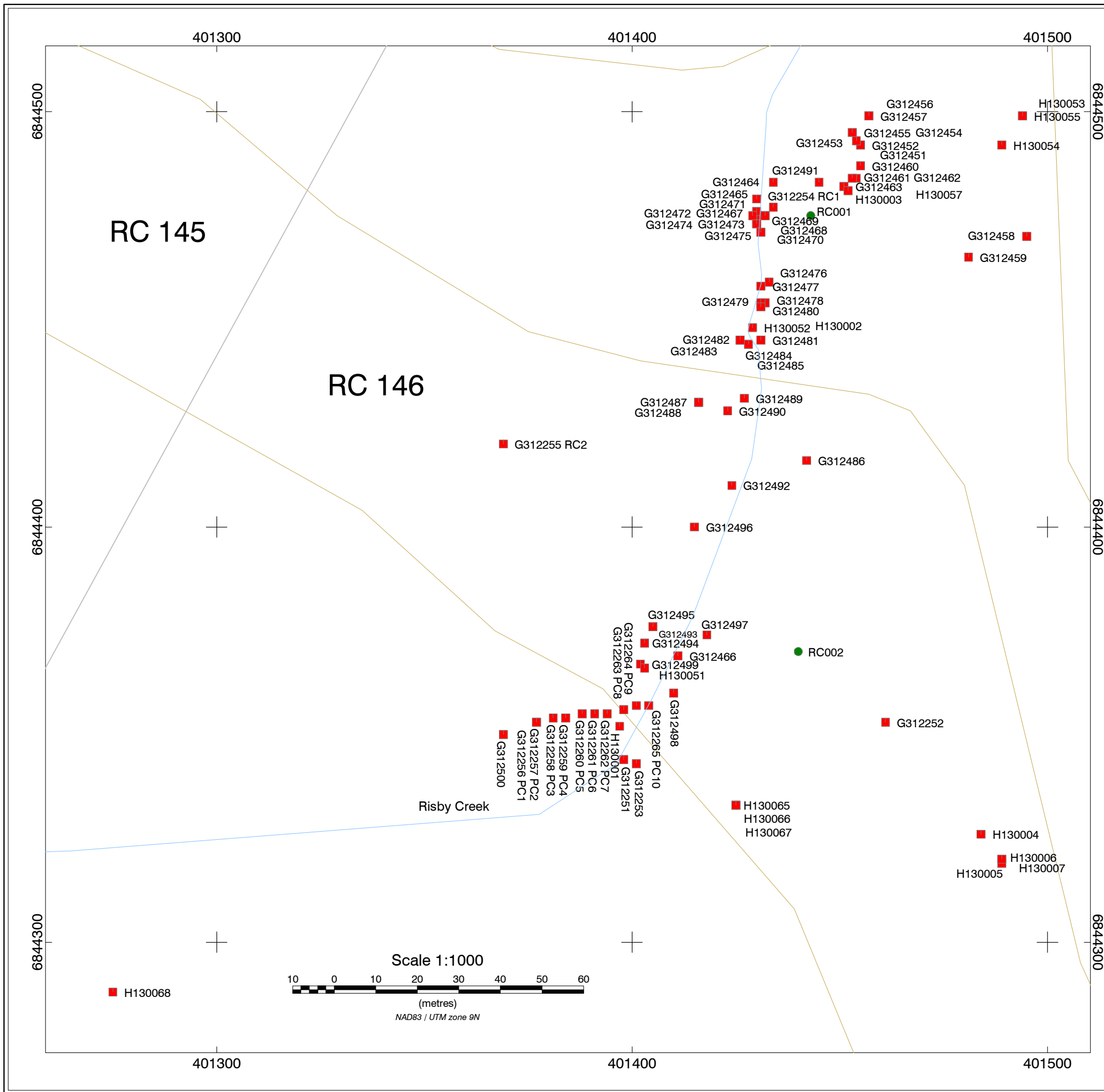
- Strike & dip of Bedding
- Strike & dip of Foliation
- Strike & dip of Joints
- Strike & dip of Vein
- Trend & Plunge of Fold Axis
- Geological contact
- Outcrop boundary
- Rubblecrop, subcrop boundary
- Creek

### ABBREVIATIONS

- |           |                        |
|-----------|------------------------|
| Calc      | Calcareous             |
| chl       | Chlorite               |
| lim       | Limonite               |
| lst       | Limestone              |
| mar       | Marble                 |
| phy       | Phyllite               |
| py        | Pyrite                 |
| Qz Vns    | Quartz Veins           |
| Qz-Cb Vns | Quartz-Carbonate Veins |
| sil       | Silicified             |
| sst       | Sandstone              |

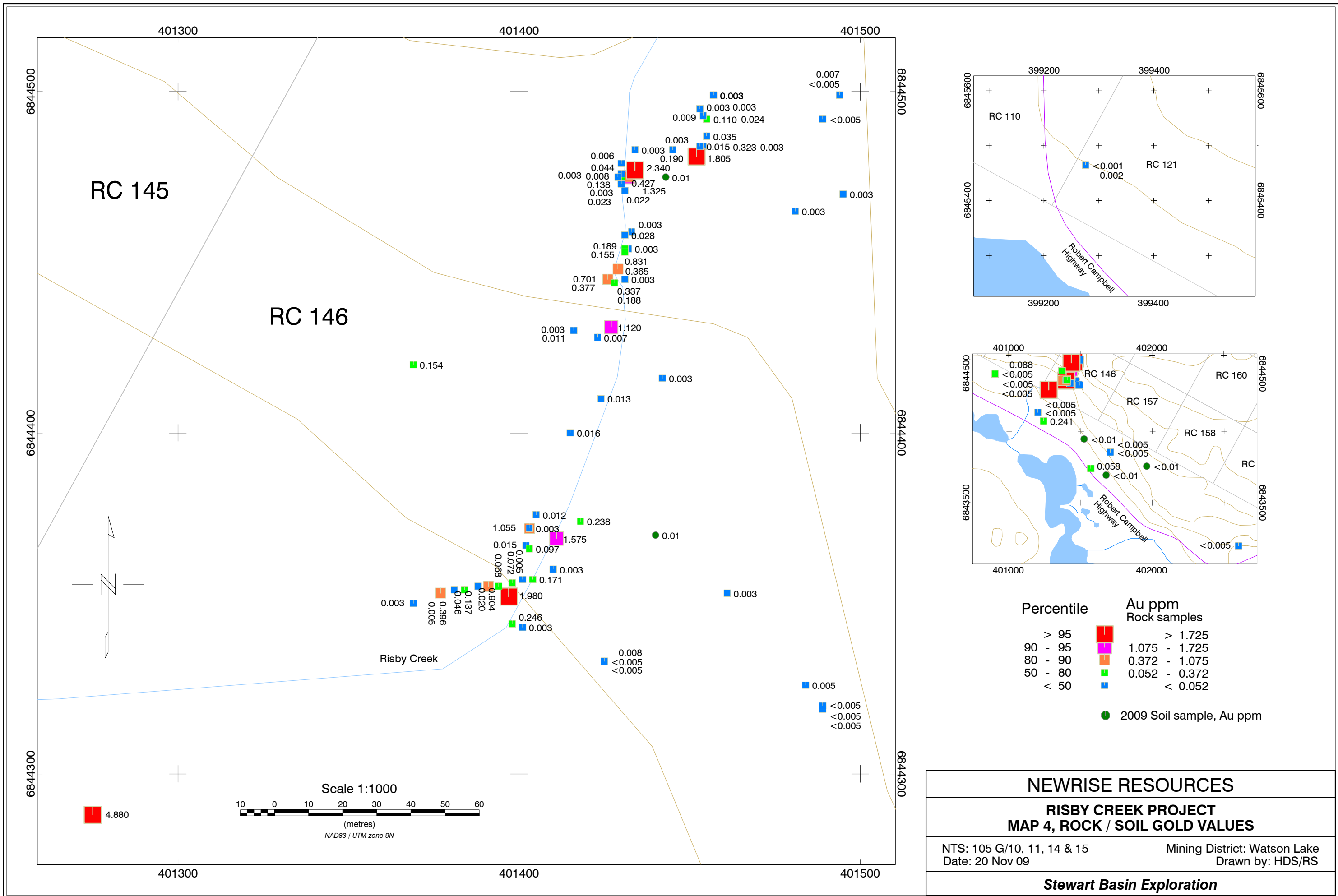


<b>NEWRISE RESOURCES</b>	
<b>RISBY CREEK PROJECT</b>	
<b>2009 PROGRAM</b>	
<b>DETAIL GEOLOGY MAP, CLAIM RC146</b>	
<b>MAP 2</b>	
NTS: 105 G/10 Datum: NAD 83 Date: 11 Nov 09	Mining District: Watson Lake Projection: UTM Zone 9 Drawn by: HDS
<i>Stewart Basin Exploration</i>	



<b>NEWRISE RESOURCES</b>	
<b>RISBY CREEK PROJECT</b>	
<b>MAP 3, ROCK / SOIL SAMPLE LOCATION</b>	
NTS: 105 G/10, 11, 14 & 15 Date: 20 Nov 09	Mining District: Watson Lake Drawn by: HDS/RS
<b>Stewart Basin Exploration</b>	





RC 145

RC 146

Risby Creek

Percentile		Au ppm Rock samples	
> 95	Red	> 1.725	
90 - 95	Magenta	1.075 - 1.725	
80 - 90	Orange	0.372 - 1.075	
50 - 80	Green	0.052 - 0.372	
< 50	Blue	< 0.052	
	Green Circle	2009 Soil sample, Au ppm	

**NEWRISE RESOURCES**  
**RISBY CREEK PROJECT**  
**MAP 4, ROCK / SOIL GOLD VALUES**

NTS: 105 G/10, 11, 14 & 15 Mining District: Watson Lake  
 Date: 20 Nov 09 Drawn by: HDS/RS

**Stewart Basin Exploration**