

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

**ASSESSMENT REPORT
TITLE PAGE AND SUMMARY**

TYPE OF REPORT (type of survey(s))	TOTAL COST	\$28,402
Prospecting, Geochemical Sampling		

AUTHOR(S) _____ SIGNATURE(S) _____
R.Tim Henneberry, P.Geo. "signed and sealed"

NOTICE OF WORK NUMBER(S) / DATE(S) _____ YEAR OF WORK 2006

STATEMENT OF WORK – CASH PAYMENT EVENT NUMBERS / DATE(S) 4126533

PROPERTY NAME Clapperton

CLAIM NAME(S) (on which work was done) _____
Soldat 1-5, Papsil 2, Shack 1-2

COMMODITIES SOUGHT Epithermal Precious Metals

MINERAL INVENTORY MINFILE NUMBERS, IF KNOWN _____

MINING DIVISION Kamloops NTS 0921/06 TRIM 0921025, 034 .035

LATITUDE _____ LONGITUDE _____ (at centre of work)

NORTHING 5574900 EASTING 630800 UTM ZONE 10 MAP DATUM NAD 83

OWNER 1 Appleton Exploration Inc. OWNER 2 _____

MAILING ADDRESS _____
550 – 580 Hornby Street
Vancouver, B.C. V6C 3B6

OPERATORS (who paid for work) _____
Same

MAILING ADDRESS _____

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size, attitude)
The claims are largely underlain by Cretaceous Spences Bridge Group Pimainus Formation volcanics. These rocks are being explored for epithermal precious metal mineralization. Prospecting, stream sediment sampling, rock sampling and road and grid soil sampling surveys were completed in 2006. A north trending shear zone and a 700 m by 800 m scatter of anomalous gold in soil values were identified. Further work is recommended.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS
None

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (In Metric Units)	On Which Claims	Project Costs Apportioned
GEOLOGICAL (scale, area)			
Ground, mapping	1:50,000	Soldat 1-3, Papsil 2	
Photo Interpretation			
GEOPHYSICAL (line kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Siesmic			
Other			
Airborne			
GEOCHEMICAL			
(number of samples analyzed for)			
Soil	449	Soldat 1-4, Shack 1-2	
Silt	8	Soldat 1,2,4,5, Pasil 2	
Rock	9	Soldat 1,3	
Other			
DRILLING			
(total metres, number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / assaying			
Petrographic			
Mineralogical			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATION / PHYSICAL			
Line/grid (kilometres)			
Topographic / Photogrammatic (scale, area)			
Legal Surveys (scale, area)			
Road, local access (kilometres)			
Trench (metres)			
Underground dev. (metres)			
Other			
TOTAL COST			\$28,402

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GEOLOGICAL REPORT CLAPPERTON PROJECT

Kamloops Mining Division
TRIM Sheets 092I025, 092I034, 092I035
UTM (NAD 83) ZONE 10 630800E 5574900N

FOR

APPLETON EXPLORATION INC.
550 - 580 Hornby Street
Vancouver, British Columbia V6C 3B6

By; R.Tim Henneberry, P.Geo.
January 30, 2007

-2-
SUMMARY

The Clapperton Project is being explored for its epithermal precious metal potential. The centre of the Clapperton property lies 35 kilometres northwest of Merritt, British Columbia. Road access is via Provincial Highway #8 west from Merritt.

The Clapperton property lies within the Lower Cretaceous Spences Bridge Group, an andesitic volcanic arc belt of rocks stretching from the north of Princeton to the west of Cache Creek. The Spences Bridge Gold Belt is emerging as a new epithermal exploration target.

The preliminary exploration completed to date on the Clapperton property, lying with the Spences Bridge Epithermal Gold Belt, has met with initial success. Preliminary reconnaissance soil sampling and prospecting was successful in locating the weakly anomalous alteration shear zone. Soil geochemistry over the zone was successful in tracing it along strike with gold in soil anomalies. The bulk of the 6,520 hectare property has yet to be adequately assessed.

The results obtained to date from the exploration of the Clapperton property make the property worthy of further exploration to adequately assess its potential to host epithermal precious metal deposits.

A two-phase, success contingent program of prospecting, reconnaissance soil sampling, and soil grid tightening, and ground geophysics, followed by excavator trenching and diamond drilling is recommended to continue with the exploration of the Clapperton property.

Phase I will consist of prospecting and reconnaissance soil sampling of the south ½ of the property at a cost of \$55,340. Phase I will also include the expansion and tightening of the existing soil grid between 78600N and 80000N and 25800E and 26500E at cost of \$43,802, and ground geophysics over the tightened section of the grid at a cost of \$35,000.

A successful conclusion to Phase I will initiate Phase II. Phase II will consist of 200 hours of excavator trenching and 1500 metres of diamond drilling at an estimated cost of \$340,000.

Phase I 2007 - south section evaluation	8 days	\$ 55,340
Phase I 2007 - grid tightening	7 days	\$ 43,802
Phase II 2007 - grid geophysics	7 days	\$ 35,000
Phase II 2007 - trenching / diamond drilling	55 days	\$ 340,000
Total 2007 Budget		\$ 474,142

The cost of the 2006 Clapperton Exploration program was \$28,402.

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INTRODUCTION

The purpose of this report is to compile the data for the 2006 exploration program undertaken by Appleton Exploration Inc. This report will also meet the assessment requirements for the claims of the Clapperton Project.

This report was commissioned by Mr. Fred Sveinson, the chairman of Appleton Exploration Inc.

Appleton Exploration Inc. acquired the Clapperton property as part of a 71,000 hectare land package vended into Appleton by 665777 B.C. Ltd. Two of the 665777 B.C. Ltd. principals also became directors of Appleton and one of the principals became president. 665777 was attracted to the area primarily by the geological setting within the Spences Bridge Gold Belt.

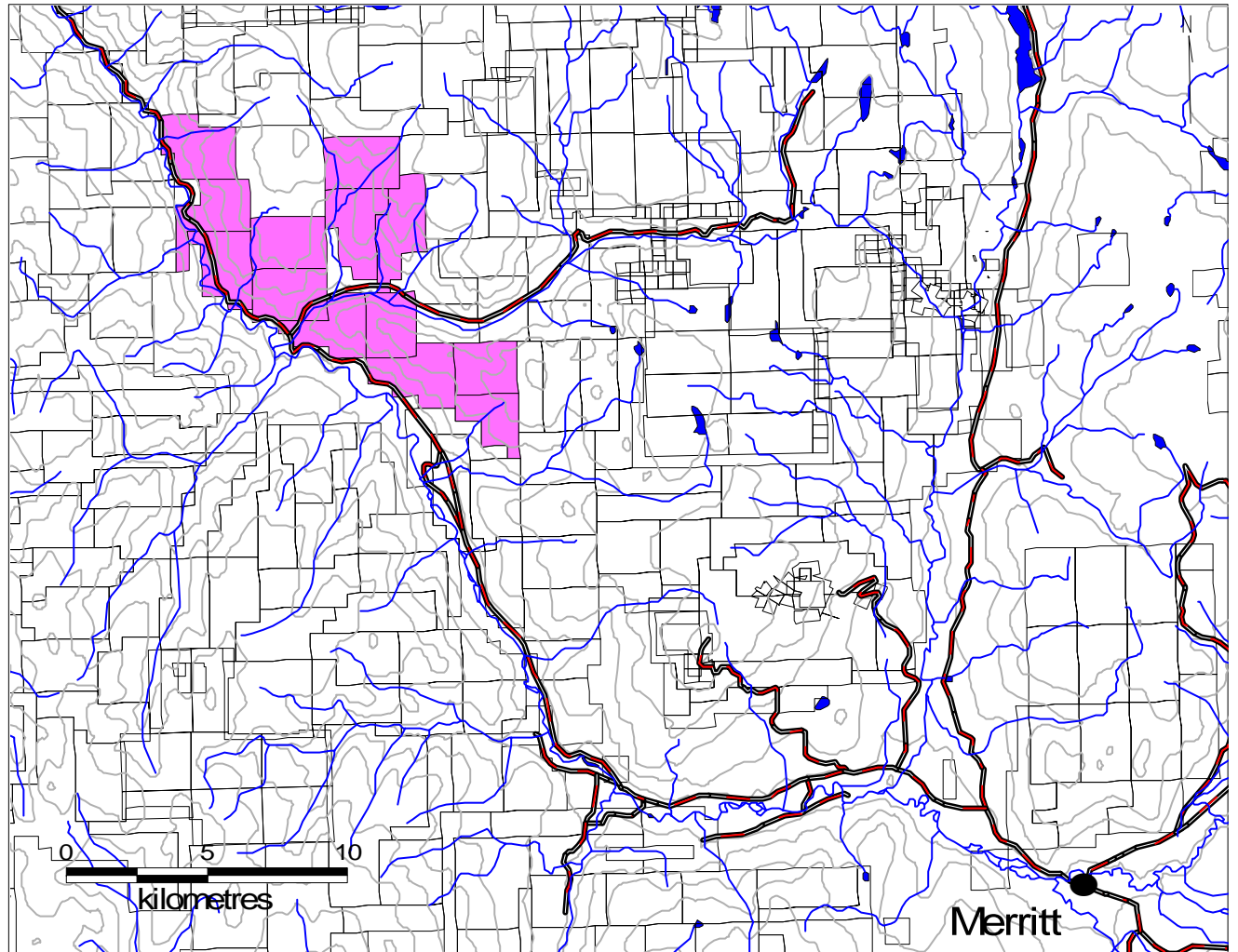
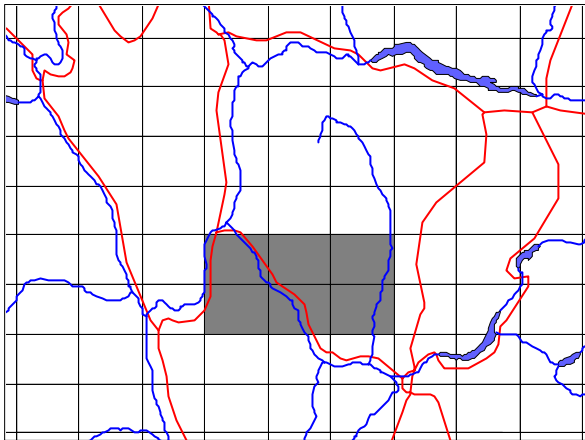
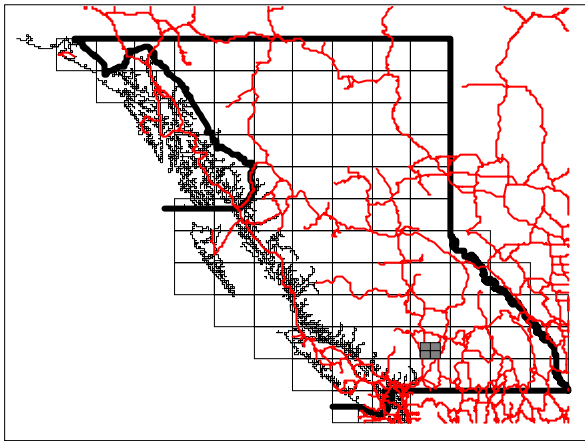
Despite its relative close proximity to Vancouver, the epithermal gold potential of this belt of Cretaceous volcanics was largely ignored until the pioneering efforts of Ed Balon and the Almaden Minerals Ltd. crew in the early 2000's. Almaden first came to the area in 2000, puzzled by a number of unexplained Regional Geochemical Survey precious metal anomalies in a Cretaceous volcanic island arc setting, a prime setting for epithermal style precious metal mineralization. Prospecting of a number of these anomalies resulted in the discovery of epithermal gold mineralization on several of Almaden's properties, including Prospect Valley and Skoonka Creek.

Appleton Exploration Inc. completed the first exploration on this ground in 2006. They completed a program of reconnaissance road soil sampling, prospecting and preliminary mapping, followed by a soil grid. The surveys were successful in locating in-soil Au anomalies on the grid and also successful in locating a large alteration shear zone.

The author directed the entire 2006 exploration program on the Clapperton Project.

RELIANCE ON OTHER EXPERTS

The author is not relying on a report or opinion of any experts. The ownership of the claims comprising the property and the ownership of the surrounding claims has been taken from the Mineral Titles Online database maintained by the British Columbia Ministry of Energy and Mines. The data on this site is assumed to be correct.



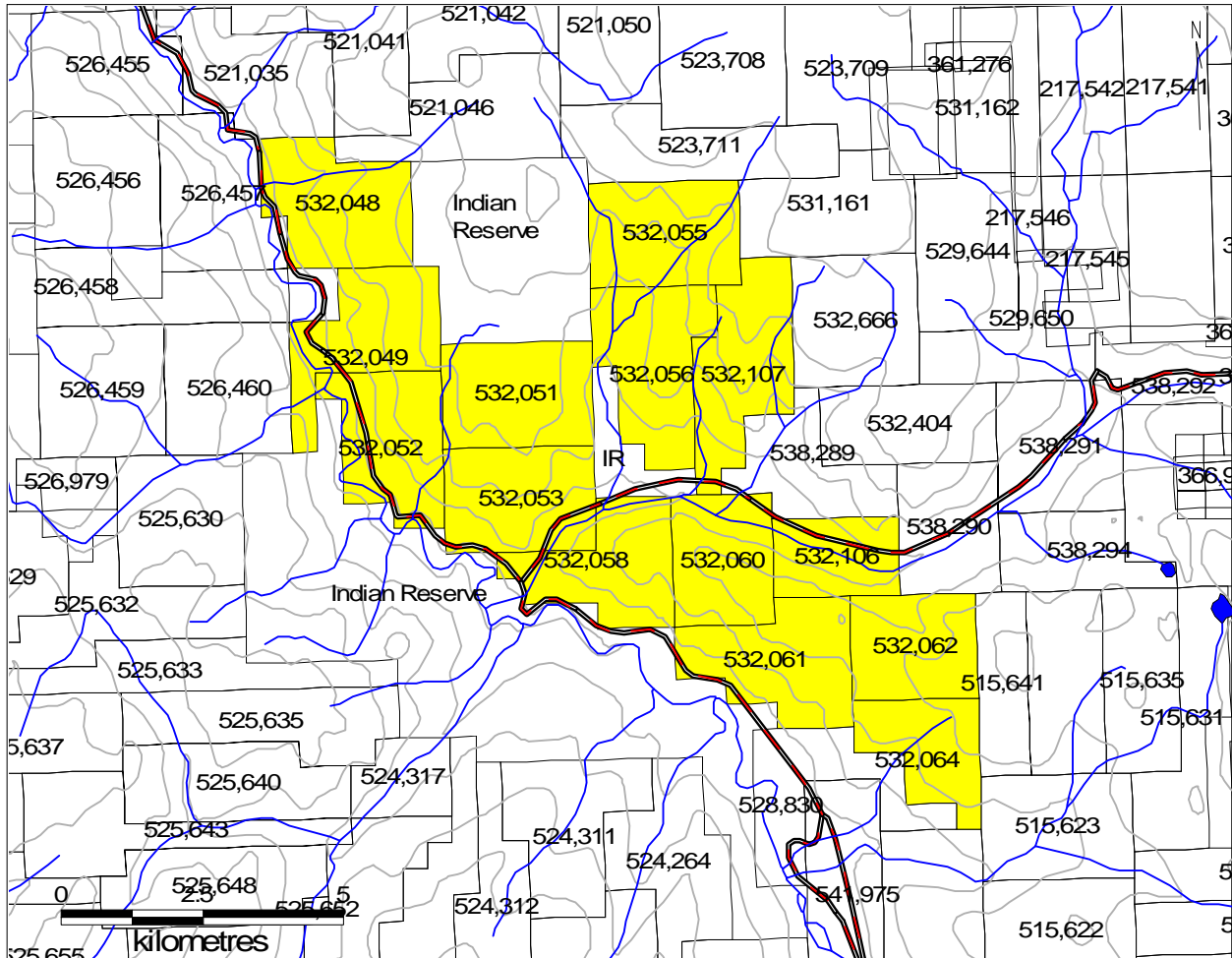
**CLAPPERTON PROJECT
LOCATION**
Figure 1

PROPERTY DESCRIPTION AND LOCATION

The Clapperton project lies on TRIM claim sheets 092I025, 092I034 and 092I035 in the Kamloops Mining Division. The property consists of 15 tenures totaling 6,520.006 hectares. The claims are registered in the name of Appleton Exploration Inc. All claims are subject to a 1.5% N.S.R. in favor of 665777 B.C. Ltd., a private British Columbia Corporation.

Tenure Number	Claim Name	Owner	Map Number	Good To Date	Area
532048	Soldat 1	207126	092I	2008/APR/13*	515.390
532049	Soldat 2	207126	092I	2008/APR/13*	474.369
532051	Soldat 3	207126	092I	2008/APR/13*	495.096
532052	Soldat 4	207126	092I	2008/APR/13*	474.539
532053	Soldat 5	207126	092I	2008/APR/13*	495.269
532055	Papsil 1	207126	092I	2008/APR/13*	494.825
532056	Papsil 2	207126	092I	2008/APR/13*	515.664
532107	Papsil 3	207126	092I	2008/APR/13*	515.675
532058	Shack 1	207126	092I	2008/APR/13*	454.094
532060	Shack 2	207126	092I	2008/APR/13*	412.802
532061	Shack 3	207126	092I	2008/APR/13*	516.177
532062	Shack 4	207126	092I	2008/APR/13*	412.919
532064	Shack 5	207126	092I	2008/APR/13*	351.100
532106	Shack 6	207126	092I	2008/APR/13*	309.600
548939	Clapper	207126	092I	2008/JAN/09	82.487
Total Hectares					6520.006

* pending approval of 2006 assessment credits



CLAPPERTON PROPERTY
Claim Locations (092I025, 092I034, 092I035)
Figure 2

The tenures comprising the Appleton Exploration Inc. Clapperton project are completely surrounded by other tenures or Indian Reserves (Figure 2). The 521,xxx series tenures on the north west corner are held by Strongbow Exploration Inc. as part of their Pima project, a joint venture with Tanqueray Resources Ltd. The 526,4xx tenures on the western boundary are held by Rolland Menard. These are currently under option to Strongbow Exploration Inc. as the Goldpan Shamrock project, a joint venture with Tanqueray Resources Ltd. The three tenures (528830, 541975 and 542002) on the southwest corner are held by Jo Shearer. The 515,6xx series tenures on the southeast corner are held by Christopher James Gold Corp. The remaining tenures abutting the Clapperton block are all held by S.G. Richards: 538290, 538289, 532666, 531161, and 523711 (now 544893).

ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND
PHYSIOGRAPHY

The centre of the Clapperton Project is located 32 kilometres northwest of the town of Merritt. The Highway 8 lies on the south and western boundary of the property. Secondary logging roads from Skuhun Creek Road provide access to some sections of the claims, while most of the property is only accessible by foot.

The Clapperton Project spans TRIM sheets: 092I025, 092I034 and 092I035. The geographic centre of the property is approximately 630800E 5574900N Zone 10 NAD 83. The topography is steep, ranging from 420 metres at the Nicola River to 1600 metres at the northeastern end of the property. The claims are generally covered with open stands of pine, with lesser spruce and fir. The underbrush is thin except within creek drainages. There are several cliffs on both the eastern slope of the Nicola River and the western slope of Skuhun Creek.

The climate of this part of the province is typical of the southern interior of British Columbia. The summer field season is generally warm and dry and runs from mid- to late- April through to late-October. Winters are cold with significant snow accumulations. Temperatures can dip to minus 20 Celsius for extended periods.

The logistics of working in this part of the province are excellent. Gravel road access will allow the movement of supplies and equipment by road. Heavy equipment should be available locally in Merritt, as are supplies, fuel and lodging. Depending on the type of exploration program to be conducted, the field season generally runs from late-April to early-November.

At this stage of the exploration of the Clapperton property, the only permitting required would be for trenching and possibly diamond drilling. These permits are generally readily obtainable contingent on the posting of small (\$5,000 to \$10,000) reclamation bonds.

There is no record of previous exploration on the Clapperton property. This report represents the first documented exploration surveys.

Prior to the commencement of the Almaden Minerals Ltd. programs in 2000, there had been only limited exploration in the entire Spences Bridge volcanic arc. Wyn Developments Blustry Mountain Project in the northern part of the Spences Bridge Gold Belt is the only project with a pre-2000 exploration history.

The Mount Lytton Complex, to the west of the Spences Bridge volcanic belt has been the focus of repeated periods of exploration for copper according to the MINFILE database for 092N15W. This exploration is not directly relevant to the epithermal precious metal exploration within the confines of the Spences Bridge volcanic belt.

The Triassic Nicola Group volcanics and the late Triassic to early Jurassic Guichon Creek batholith immediately to the northeast of the Spences Bridge volcanic belt have also been repeatedly explored for copper. The giant porphyry mines of Highland Valley Copper lie within these rocks. As with the Mount Lytton Complex, this copper exploration has little direct relevance to the epithermal precious metal mineralization within the confines of the Spences Bridge volcanic belt.

The South Block Holdings Map dated 30-June-2006 shows the entire Spences Bridge Gold Belt is now staked. This contrasts with less than 5% of the belt staked in 2001, prior to the Almaden exploration programs. The staking and exploration activity is directly related to the pioneering work of Almaden, who began prospecting in the Spences Bridge Gold Belt by following up unexplained Regional Geochemical Surveys anomalous gold values within the Spences Bridge volcanic island arc, a geological setting favourable for the development of epithermal precious metal deposits throughout the world.

There were five major players in the Belt at 30-Jun-2006: Almaden Minerals Ltd. (AMM-TSX), Strongbow Exploration Inc. (SBW-TSX V), Consolidated Spire Ventures Ltd. (CZS-TSX V), Tanqueray Resources Ltd. (TQY - TSX V) and Wyn Developments Inc. (WL - TSX V).

Almaden Minerals now holds just under 58,000 hectares within the Gold Belt. They have four major projects: Skoonka Creek, Prospect Valley, Nicoamen River and Merit.

Almaden Minerals has optioned the Skoonka Creek property to Strongbow Exploration Inc. Strongbow can earn a 51% interest in the Skoonka Creek property by issuing to Almaden 600,000 shares and completing exploration expenditures of \$2 million prior to December 31, 2008. Strongbow can increase its interest to 60% by spending an additional \$2 million and issuing a further 400,000 shares to Almaden over the ensuing two years.

Spences Bridge Gold Belt

South Block Holdings

30-June-2006

-  Appleton Exploration Inc.
-  Almaden Minerals Ltd.
-  Strongbow Explorations Inc.
-  Tanqueray Resources Ltd.
-  Almaden / Strongbow
-  Almaden / Tanqueray
-  Almaden / Consolidated Spire Ventures
-  Strongbow / Tanqueray
-  Staked



Skoonka Creek

Prospect Valley



SPENCES BRIDGE GOLD BELT
South Block Holdings 30-Jun-2006

Figure 3

Almaden Minerals has optioned the Prospect Valley (or PV) property to Consolidated Spire Ventures Ltd. Consolidated Spire can acquire a 60% interest in (Prospect Valley) gold property by making payments total 1.1 million shares over 4 years. Work commitments total \$1.3 million over 4 years with \$100,000 in the first year, \$200,000 in the second year, \$400,000 in the third year, and \$600,000 in the fourth year.

Almaden Minerals has optioned the Nicoamen River property to Tanqueray Resources Ltd. Tanqueray can acquire a 60% interest in (Prospect Valley) gold property by making payments totaling 1 million shares over 6 years. Work commitments total \$4 million over 6 years. The Nicoamen River property returned values ranging from 0.25 g/t gold to 55.5 g/t gold from grab samples of quartz float. The source of the float remains to be located.

Almaden Minerals is actively exploring additional properties in the Spences Bridge Gold Belt, identifying several new gold stream sediment and soil anomalies as well as mineralized quartz vein occurrences.

Strongbow Exploration has also been aggressively adding new ground in the Spences Bridge Gold Belt. Their total property holdings are approximately 64,000 hectares.

Strongbow conducted an eleven hole, 1,257 m drilling program on the main JJ vein in October 2005. The drilling was highlighted by an intersection grading 18.4 grams per tonne (g/t) gold over 12.8 metres (0.537 ounces/ton over 42 feet). Seven of the NQ drill holes tested the along strike and down dip potential of the JJ vein system, where previous hand trenching had returned up to 19.3 g/t gold over 3.4 m. The drilling has successfully traced gold mineralization over a strike length of 350 m, intersecting alteration and quartz veining typical of low sulphidation epithermal gold systems.

Number	Dip	Intersection (metres)				Au g/t	Number	Dip	intersection (metres)			Au g/t
		from	to	length	from				to	length		
SC-003	-45	38.6	57.59	18.99	1.27	SC-008	-80	28.9	41.7	12.8	20.2	
	including	47.7	49.7	0.7	16.66		including	28.9	29.67	0.77	28.6	
SC-005	-45	34.44	36.82	2.38	4.22		and	32.89	35.8	2.91	51.1	
		43.15	44.75	1.6	1.24		including	33.65	34.95	1.3	110.4	
SC-006	-80	61.4	65.5	4.1	7.48		and	40.95	41.7	0.75	117.1	
	including	64.25	65.5	1.25	16.2	SC-009	-45	27.7	28.9	3.2	2.04	
SC-007	-45	20.74	24.05	3.31	26.8							
	including	20.74	22.31	1.57	54.5							

Strongbow has joint ventured its Pima Project and optioned its Goldpan Shamrock project to Tanqueray Resources. Strongbow is actively exploring its remaining property holds through an aggressive program during 2006. Results have yet to be released to the shareholders.








Consolidated Spire began drilling on its Prospect Valley project joint venture with Almaden minerals. The initial results from the first six holes included 4.2 g/t Au over 3 metres, and 9.54 g/t Au over 1 metre. Consolidated Spire is drilling a strong gold and multi-element soil geochemical anomaly measuring over 3,000 meters long by 200 to 400 meters wide. Individual trenches returned values to 5.48g/t gold across 1m. Trace element geochemistry and mineral textures indicate this trenching has probably tested the upper portions of the epithermal gold system suggesting potential for higher gold grades at depth.

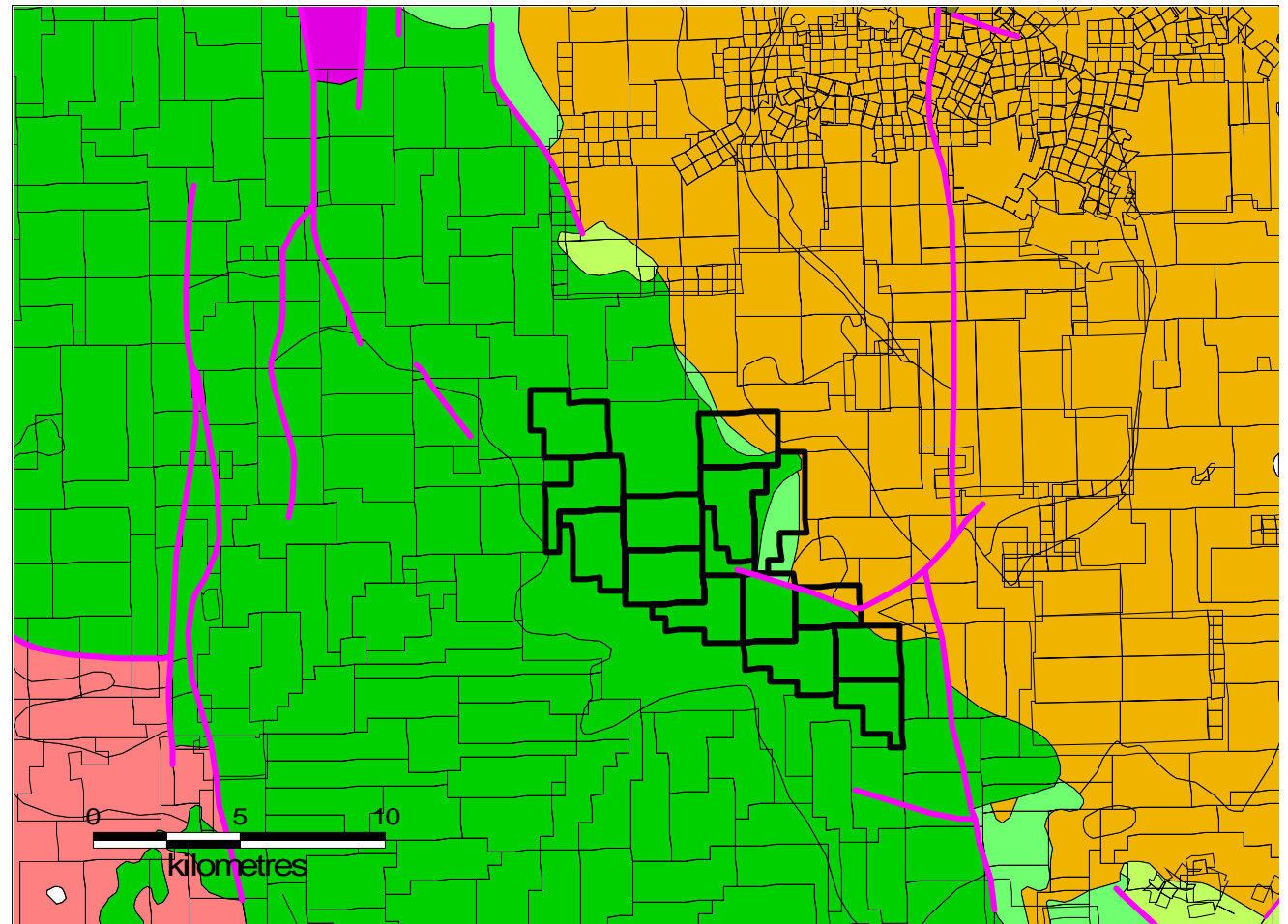
Tanqueray Resources Ltd. has exposure to over 30,000 hectares in the belt through its joint venture and option agreements. Their five projects are: Nicoamen River, Goldpan / Shamrock, Clapperton, McCaffrey and Otter. A preliminary budget of \$250,000 has been allocated for phase I exploration. Initial results from soil sampling and silt sampling have located several anomalous areas requiring follow-up on all its projects.

Wyn Developments has a large position in the north end of the belt centred on Blustry Mountain. Blustry Mountain is being explored for epithermal gold and silver. Wyn has located silicified quartz breccias grading to 861 ppm Ag (24.4 oz/t) and 42 ppm Au (1.35 oz/t); parallel quartz veinlets grading to 661 g/t Ag (21.2 oz/t) and 1.58% lead. They have also map a large 4500 metre long by 1500 metre wide zone of moderate to intense clay alteration within a silicified rhyolite breccia. This clay alteration may overlie an intact (non-eroded) epithermal gold/silver deposit.

Appleton Exploration Inc. is a recent addition to the Belt. Appleton acquired the remaining Spences Bridge Gold Belt holdings of private company 665777 B.C. Ltd., consisting of 35,000 hectares in the main belt and a further 35,000 hectares in the northern extension of the belt. Appleton will be spending over \$300,000 exploring its projects during 2006, with the aim of obtaining a TSX Venture listing in early 2007. This report describes the 2006 exploration completed on its Clapperton Project.

LEGEND

EOCENE	
	Kamloops Group - undivided sediments
	Kamloops Group - undivided volcanics
CRETACEOUS	
	Spences Bridge Group - volcanics
TRIASSIC TO JURASSIC	
	Guichon Creek Batholith - granodiorite to monzonite
TRIASSIC	
	Ncola Group - western volcanic facies
PERMAN TO TRIASSIC	
	Mt. Lytton Complex - granodiorite, high grade metamorphics
PENNSYLVANIAN TO TRIASSIC	
	Cache Creek Complex - serpentinites, ultramafics



Geology from MapPlace

**CLAPPERTON PROJECT
REGIONAL GEOLOGY**
Figure 4

GEOLOGICAL SETTING
(Summarized from MINFILE 092ISW)

The Clapperton project area lies within the Intermontane Belt of the central interior of British Columbia. The regional geology is taken from MapPlace and is shown in Figure 4. The southwestern part of the map area is underlain by Permian to upper Triassic Mount Lytton Complex diorites and amphibolites as well as an unnamed Permian to Jurassic diorite. The eastern part of the map area is underlain by upper Triassic Nicola Group western volcanic facies rocks intruded by the late Triassic to early Jurassic intrusions. The centre of the map area is underlain by the lower Cretaceous Spences Bridge Group, the focus of the precious metal exploration.

Volcanics and sediments of the Eocene Princeton and Kamloops groups occur as outliers within the Mount Lytton Complex and unconformably overlying the Spences Bridge Group. Quaternary sediments occur as thick drifts along the main rivers and some of the larger creeks. Related (?) Eocene feldspar porphyries locally intrude Nicola and Spences Bridge Group rocks.

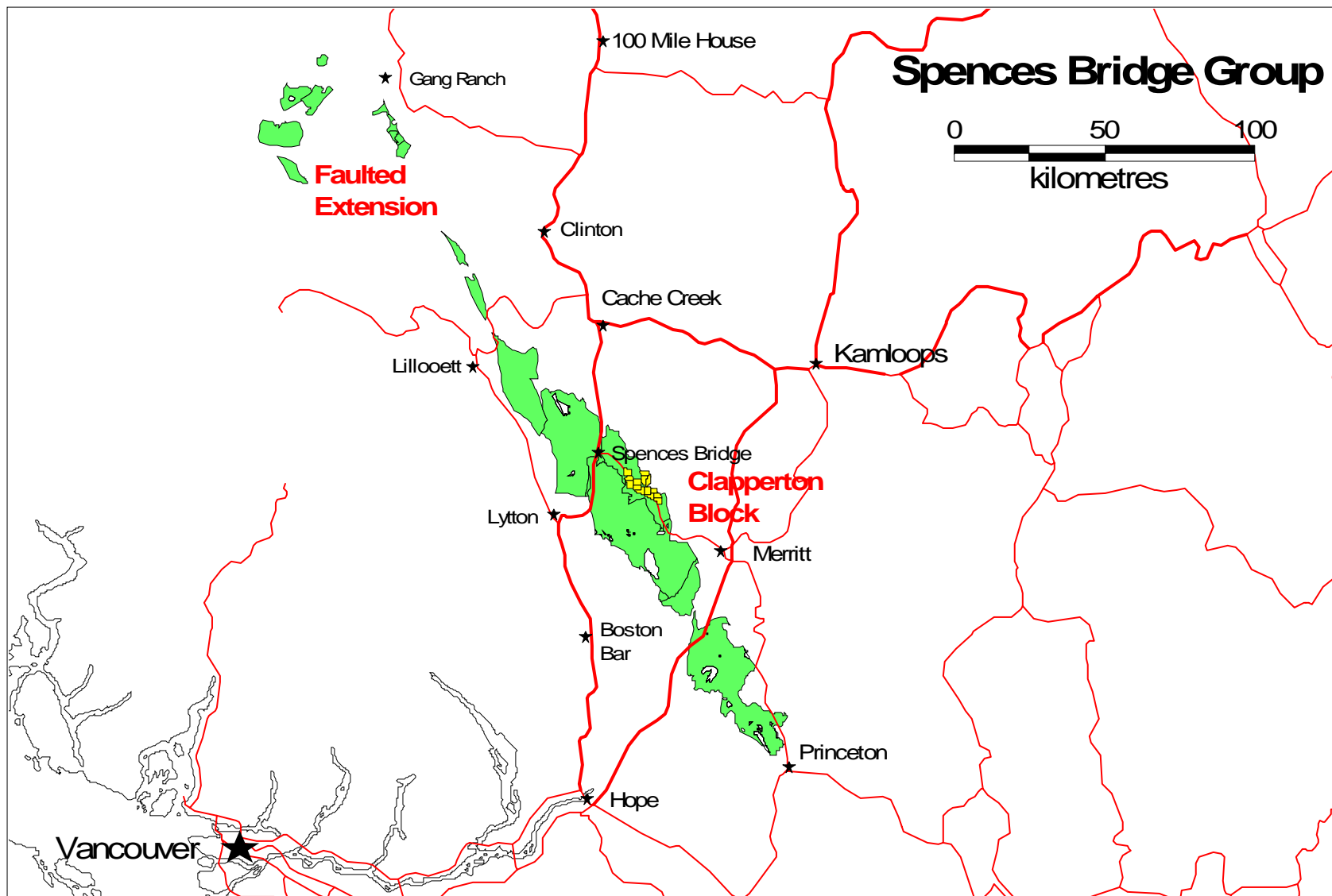
The middle to upper Cretaceous Spences Bridge Group has recently been identified as a significant target for epithermal precious metal mineralization. This group forms a northwest trending volcanic belt consisting of a thick sequence of gently folded volcanics with lesser sediments, dipping shallowly to the northeast. Rocks of the Spences Bridge Group are believed to have formed as a chain of stratovolcanoes associated with subsiding, fault-bounded basins (Thorkelson, 1985).

Geology of the Spences Bridge Group

The Spences Bridge Group forms a northwest trending belt from 3 to 24 kilometres wide extending from north of Princeton through to east of Lillooett. (Duffel and McTaggart, 1952) A faulted extension of the belt occurs as a series of outliers in the Churn Creek / Empire Valley area west of 100 Mile House (Thorkelson, 2006). The group is estimated to be up to 3400 metres in thickness. (Thorkelson, 2006).

The Spences Bridge Group is thought to be the volcanic representation of the closure of the oceanic basin between Wrangellia to the west and the assemblage of intermontane terranes (the accreted part of ancestral North America) to the east. Spences Bridge rocks were deposited on two main basement types: west of the village of Spences Bridge, they overlie the mainly Paleozoic Cache Creek terrane; to the east, they overlie plutonic and volcanic rocks of the late Triassic Nicola Arc, part of the Quesnellia terrane. (Thorkelson 2006).

Shortly after eruption on the Spences Bridge Group began, tectonism led to the deposition of a near-basal conglomerate that contains clasts of Triassic granitoids and Nicola volcanic rocks. These rocks commonly show foliations and lower greenschist metamorphism which are not evident in the Spences Bridge Group, suggesting Spences Bridge rocks were deposited on the basement after deposition of the Nicola Group, deformation and metamorphism, and exhumation. (Thorkelson, 2006).



**SPENCES BRIDGE GROUP
LOCATION**
Figure 5

The Spences Bridge Group consists of two formations: the Pimainus Formation and the overlying Spius Formation. The Pimainus Formation is highly variable, containing lava, tephra, fanglomerate, lahar, sandstone, and coal. Volcanic compositions range from basalt to rhyolite. It is most reasonably thought of as a stratovolcano assemblage. The overlying Spius Formation consists almost entirely of amygdaloidal andesitic lava, ranging from pahoehoe to aa types. In some places, the contact is conformable and hard to identify, while in others, lacustrine beds separate the two formations. (Thorkelson, 2006).

The Spences Bridge Group is preserved in the Nicoamen structural depression, a complex synclinorium crosscut by normal faults. It may have been forming at the same time as the Spences Bridge Group. Presently, the Spius Formation is largely confined to the centre of the structural depression but appears to be the relic of an extensive shield volcano with a few cinder cones. (Thorkelson, 2006).

Structurally, the Spences Bridge Group is generally gently folded, with dips from 10° to 40°. Individual flows and beds do not appear to be widespread. There appears to be some faulting within the group but the lack of marker horizons makes measurement of any displacement difficult. (Duffel and McTaggart, 1952).

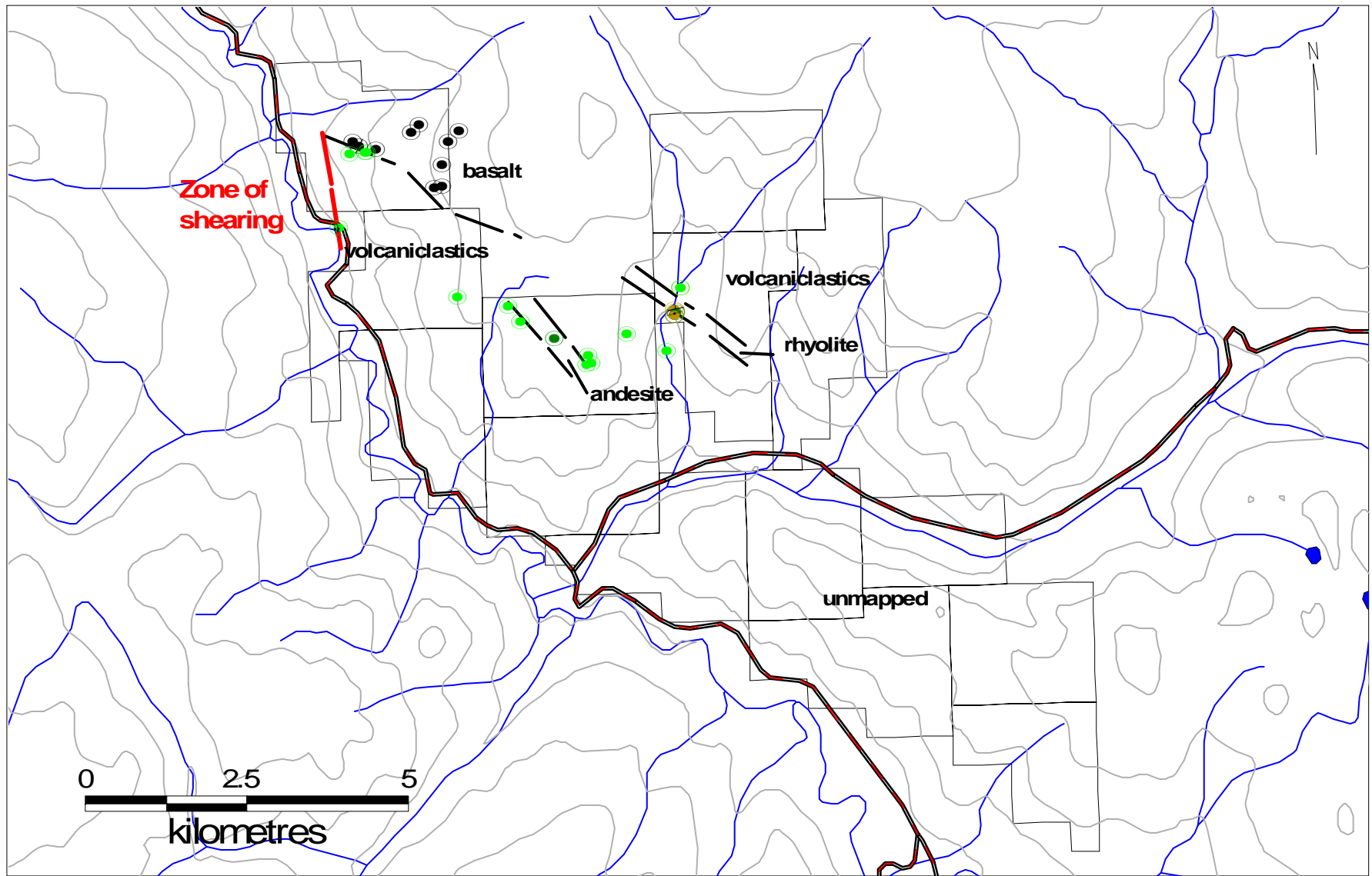
Clapperton Property Geology

The Clapperton property has not been mapped in detail. Preliminary mapping was completed over the readily accessible areas of the claim block. While property wide mapping has yet to be completed, mapping while prospecting has provided a general overview of the geology.

The Pimainus Formation of the Spences Bridge Group is the dominant rock type according to the MapPlace bedrock geology. Volcaniclastics with lesser andesitic and rhyolitic flows were mapped in the northern half of the property, along with a large basalt flow in the northwestern corner. The south half of the property has yet to be prospected or mapped.

The basalt in the northwestern part of the claims is a black rock with sparse vesicles. The basalt displays a prismatic jointing pattern. The groundmass is aphanitic with 1%-2% plagioclase phenocrysts to 10 mm. Local quartz clots to 1 cm were noted throughout the unit. Alteration consists of hematite, clay and carbonate with lesser chlorite. Hematite and carbonate are pervasive throughout the basalt, while clays and chlorite are concentrated more in shears and fractures. Sulfides were not noted.

The volcaniclastics are the dominant rock type in the northern ½ of the property. These rocks range in composition from lapilli tuffs through to block and ash fall tuffs. The lapilli in the tuffs are predominantly plagioclase with lesser mafic minerals. The lapilli are 5-10 mm in size and range from intact crystals to crystal fragments. The ground mass is generally aphanitic. The block and ash fall tuffs are grey weathering and grey green to dark grey in hand specimen. The fabric of the tuffs are matrix supported with coarse grained clasts and bombs of an andesitic composition, as well as white plagioclase lapilli. These rocks are altered with hematite and carbonate. The intensity of the alteration is generally weak to moderate. Shear zones containing carbonate stringers and pods are common. Hematite occurs as fracture coatings and as patches throughout the formation. Very little quartz was noted in the volcaniclastics.



CLAPPERTON PROJECT
PROPERTY GEOLOGY
Figure 6

An andesitic flow was noted in the central section of the mapped area. The rock is massive and poorly porphyritic. The few plagioclase phenocrysts are white and 5-10mm in size. The only alteration noted is weak manganese staining.

A rhyolite flow was also noted in the east central section of the mapped area. The rock is generally aphanitic with a pale pink color. The flow is massive, displaying a blocky jointing pattern. Alteration consists of pervasive limonite, clay and carbonate with a weak intensity.

The mapping and prospecting was successful in locating a large zone of shearing and alteration on the extreme western end of the claim block adjacent to Highway 8. The zone appears to trend at 352°. The zone is described in the mineralization section.

Clapperton Project is being explored for its low-sulphidation epithermal precious metal potential. Little signs of epithermal quartz were noted in the area of the northern half of the property examined, though chalcedonic quartz clots were noted locally. The south half of the property has yet to be examined in detail. A large zone of shearing and alteration was located at the extreme western end of the claim group.

The Clapperton property is being explored for low sulphidation epithermal precious metals deposits. The following summary is condensed from British Columbia Ore Deposit Models (Panteleyev, 1996).

Low sulphidation epithermal deposits are typically hosted in volcanic island and continent-margin arcs and continental volcanic fields with extensional structures. These deposits can form in most types of volcanic rocks, though calcalkaline andesitic compositions predominate. Low sulphidation deposits can be any age, though Tertiary deposits are the most abundant. Jurassic deposits are important in British Columbia (Toodoggone).

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

In some districts the epithermal mineralization is tied to a specific metallogenic event, either structural, magmatic, or both. The veins are emplaced within a restricted stratigraphic interval generally within 1 km of the paleosurface. Mineralization near surface takes place in hot spring systems, or the deeper underlying hydrothermal conduits. Normal faults, margins of grabens, coarse clastic caldera moat-fill units, radial and ring dike fracture sets and both hydrothermal and tectonic breccias are all ore fluid channeling structures. Through-going, branching, bifurcating, anastomosing and intersecting fracture systems are commonly mineralized. Hanging wall fractures in mineralized structures are particularly favourable for high-grade ore.

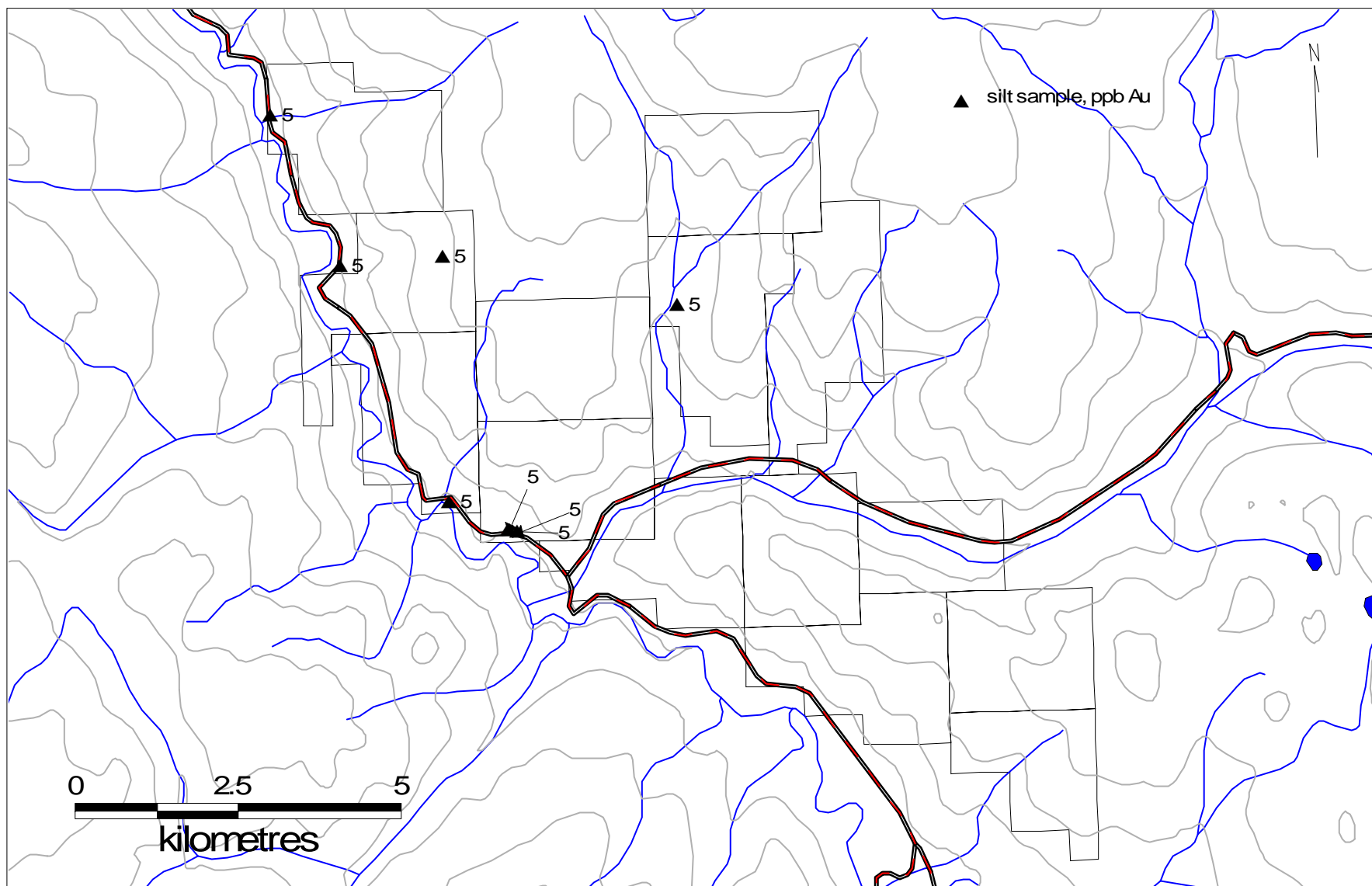
Veins are comprised of quartz, amethyst, chalcedony, quartz pseudomorphs after calcite, and calcite. They may contain lesser amounts of adularia, sericite, barite, fluorite, Ca- Mg-Mn-Fe carbonate minerals such as rhodochrosite, hematite and chlorite. Veins commonly exhibit open-space filling, symmetrical and other layering, crustification, comb structure, colloform banding and multiple brecciation.

Mineralization within the veins consists of pyrite, electrum, gold, silver and argentite, with lesser chalcopyrite, sphalerite, galena, tetrahedrite, silver sulphosalt and/or selenide minerals. Deposits can be strongly zoned along strike and vertically. Deposits are commonly zoned vertically over 250 to 350 m from a base metal poor, Au-Ag-rich top to a relatively Ag-rich base metal zone and an underlying base metal rich zone grading at depth into a sparse base metal, pyritic zone. From surface to depth, metal zones contain: Au-Ag-As-Sb-Hg, Au-Ag-Pb-Zn-Cu, Ag- Pb-Zn.

Alteration is an important in low sulphidation epithermal deposits. Silicification is extensive in ores as multiple generations of quartz and chalcedony are commonly accompanied by adularia and calcite. Pervasive silicification in vein envelopes is flanked by sericite-illite-kaolinite assemblages. Intermediate argillic alteration [kaolinite-illite- montmorillonite (smectite)] formed adjacent to some veins; advanced argillic alteration (kaolinite-alunite) may form along the tops of mineralized zones. Propylitic alteration dominates at depth and peripherally.

Prospecting for mineralized siliceous and silica-carbonate float or vein material with diagnostic open-space textures is an effective exploration method. VLF can be effective in tracing structure, while radiometric surveys may outline strong potassic alteration of wallrocks. Geochemical sampling is also an effective exploration method with elevated values in the ore metals: Au, Ag, Zn, Pb, Cu as well as elevated values for pathfinder elements: As, Sb, Ba, F, Mn and locally Te, Se and Hg. Finally, silver deposits generally have higher base metal contents than Au and Au-Ag deposits.

Other low sulphidation epithermal deposit examples include: Creede, Colorado USA; Toodoggone Camp, B.C.; Blackdome, B.C.; Premier, B.C.; Comstock Lode, Nevada USA and Pachuca, Mexico.

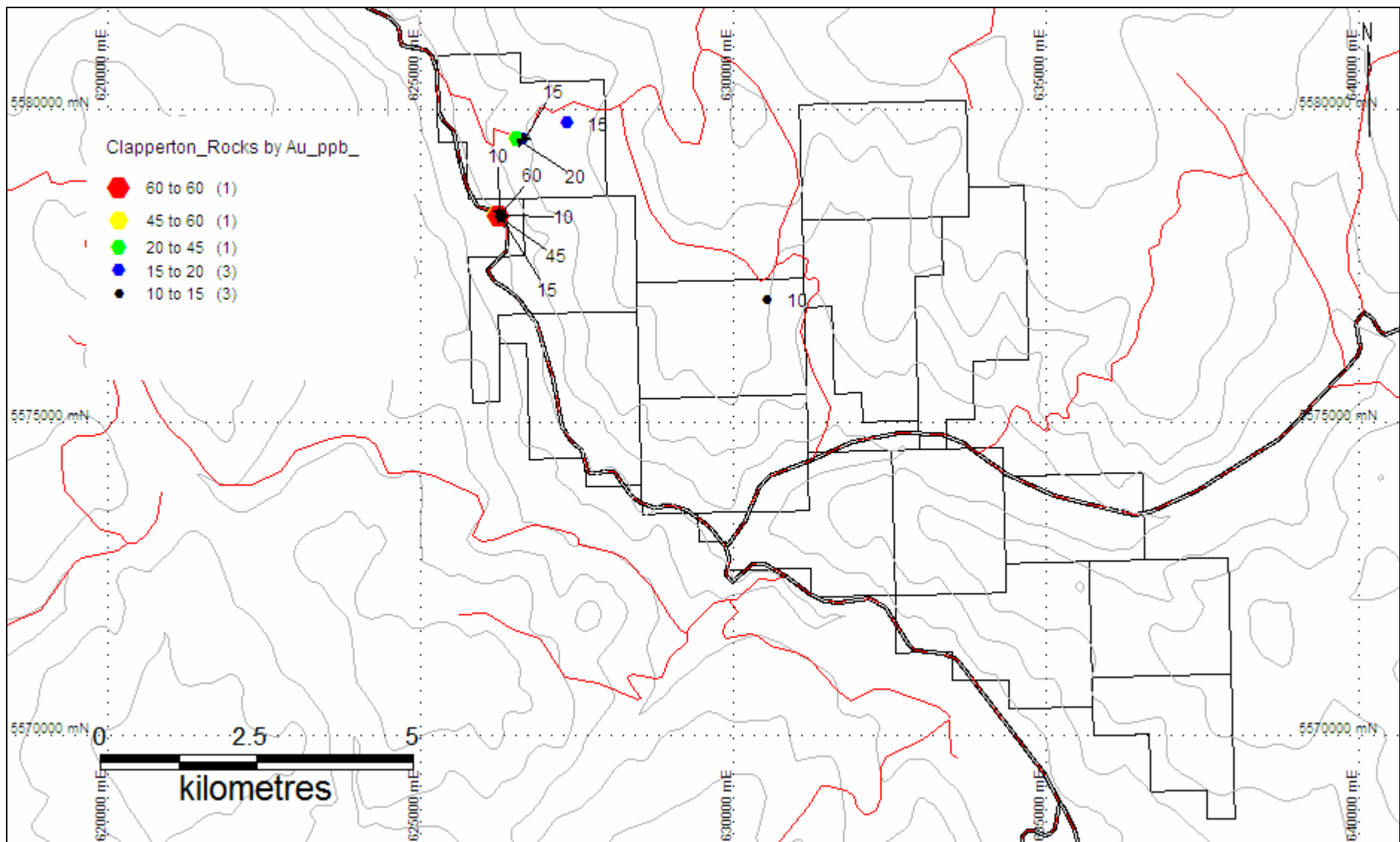


CLAPPERTON PROJECT
Silt Sample Locations
Figure 7

The exploration target for the Clapperton Project is a low sulphidation epithermal precious metal deposit. Bedrock mineralization has yet to be found on the Clapperton property. The preliminary exploration completed to date consisted of soil and silt geochemical surveys along with preliminary prospecting and mapping. These surveys were successful in locating anomalous areas that will require follow-up exploration to locate potential bedrock mineralization.

The preliminary mapping and prospecting were successful in locating a north trending alteration shear zone. This alteration zone as exposed in a Highway 8 road cut is 30-40 metres wide. Individual carbonate ± quartz seams and veins range from 5-10 centimetres within the zone. The seams and veins occur in 50-100 centimetres wide zones of intense chlorite alteration and bleaching within the broad chlorite / carbonate alteration zone. The individual carbonate ± quartz seams trend from 336° to 352° and dip 40° to 80° degrees to the east. Limited sampling from individual carbonate chlorite shears in the zone returned from 15 ppb Au to 60 ppb Au.

During the initial prospecting and sampling, bedrock sampling (Figure 7) in the northern part of the property returned weakly anomalous values of 15 ppb Au to 20 ppb Au in silicified volcanoclastics with local pods of vuggy quartz. A road soil line through the same area also returned some anomalous values. A 1 kilometre by 1 kilometre soil grid was established over this area, resulting in defining an 800 metre by 700 metre scatter of elevated gold values from 10 ppb to 25 ppb Au.



CLAPPERTON PROJECT
Rock Sample Locations
 Figure 8

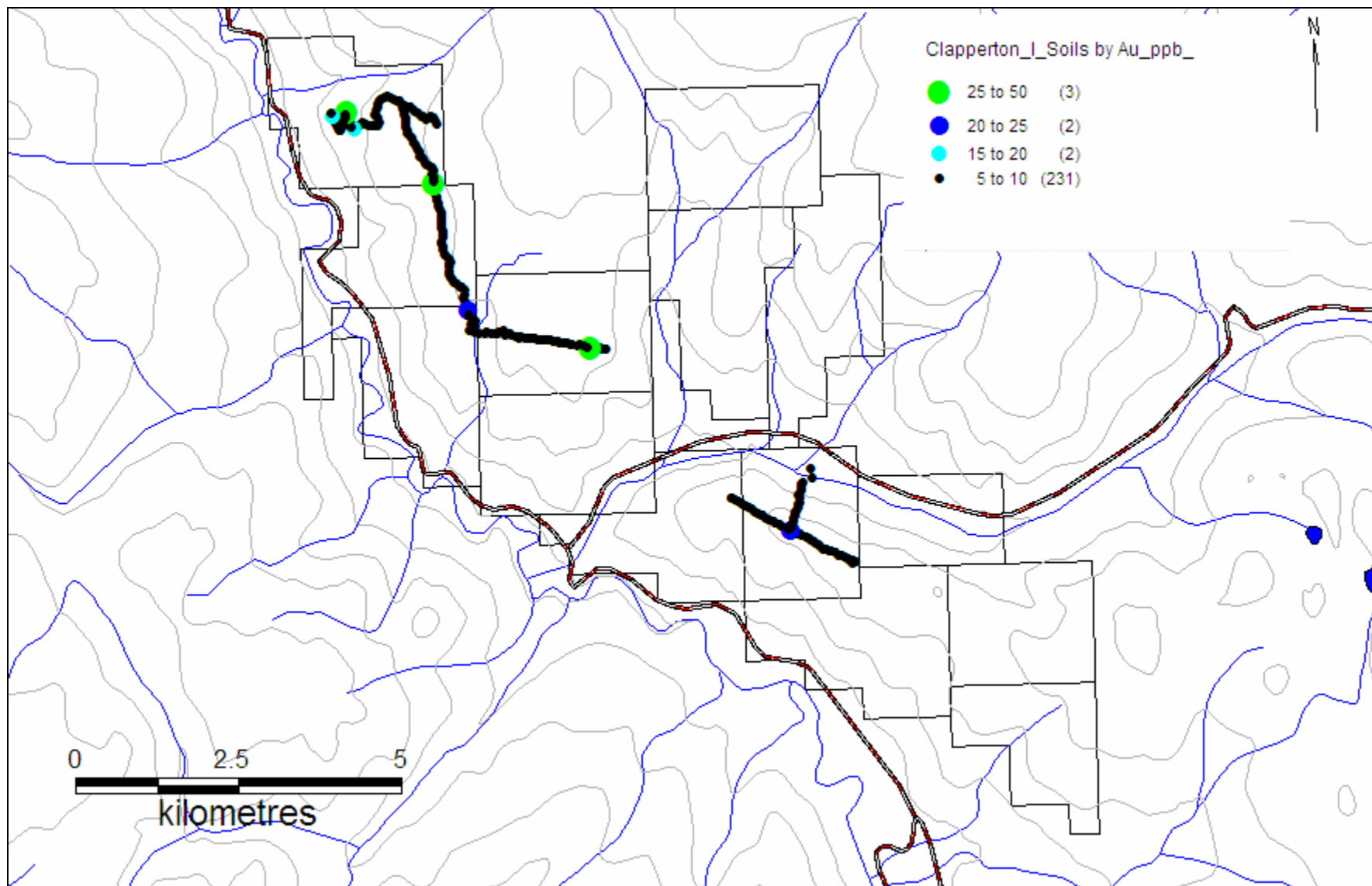
A two pass exploration program was completed on the Clapperton Property in 2006 by Appleton. First pass work consisted of preliminary prospecting, silt sampling, rock sampling and road soil sampling in July. Follow-up work consisted of establishing and soil sampling a 1000 metre by 1000 metre grid following up on the road soil sampling anomalies and some additional rock sampling and mapping.

A total of 8 stream sediment samples were taken, confined to the accessible northern portion of the property. All silt samples returned values of 5 ppb Au, considered background in the Spences Bridge Gold Belt.

Bedrock samples were taken during both passes of the program. A total of 9 grab rock samples were taken: 4 widely spaced samples during the first pass and 5 taken from the alteration shear zone as follow-up. The first pass samples returned values from 10 ppb Au to 20 ppb Au from altered and / or silicified horizons within the volcanoclastics. The 5 follow-up samples were all concentrated in the alteration zone along Highway 8. The sample results range from 15 ppb to 60 ppb Au. The two samples where quartz was noted within the carbonate \pm quartz veining returned 45 ppb and 60 ppb Au.

Soil sampling was also completed during the Clapperton exploration program: reconnaissance road soil sampling and cross country sampling in the first pass and detailed grid sampling as follow-up. All soil lines were established by compass and belt chain, except for the sampling along the logging roads where just the belt chain was required. Garmin 60 and Garmin E-Trek GPS instruments were used to fix the waypoint for each sample site. Coordinates were read in the NAD 83 datum. The raw data was downloaded from the units and compiled into an excel spreadsheet. Digital assay results were incorporated into the spreadsheet. The spreadsheet was then called into MapInfo and the sample points were created using the NAD 83 eastings and northings. The statistical tools within MapInfo were used to create threshold values and to determine anomalies.

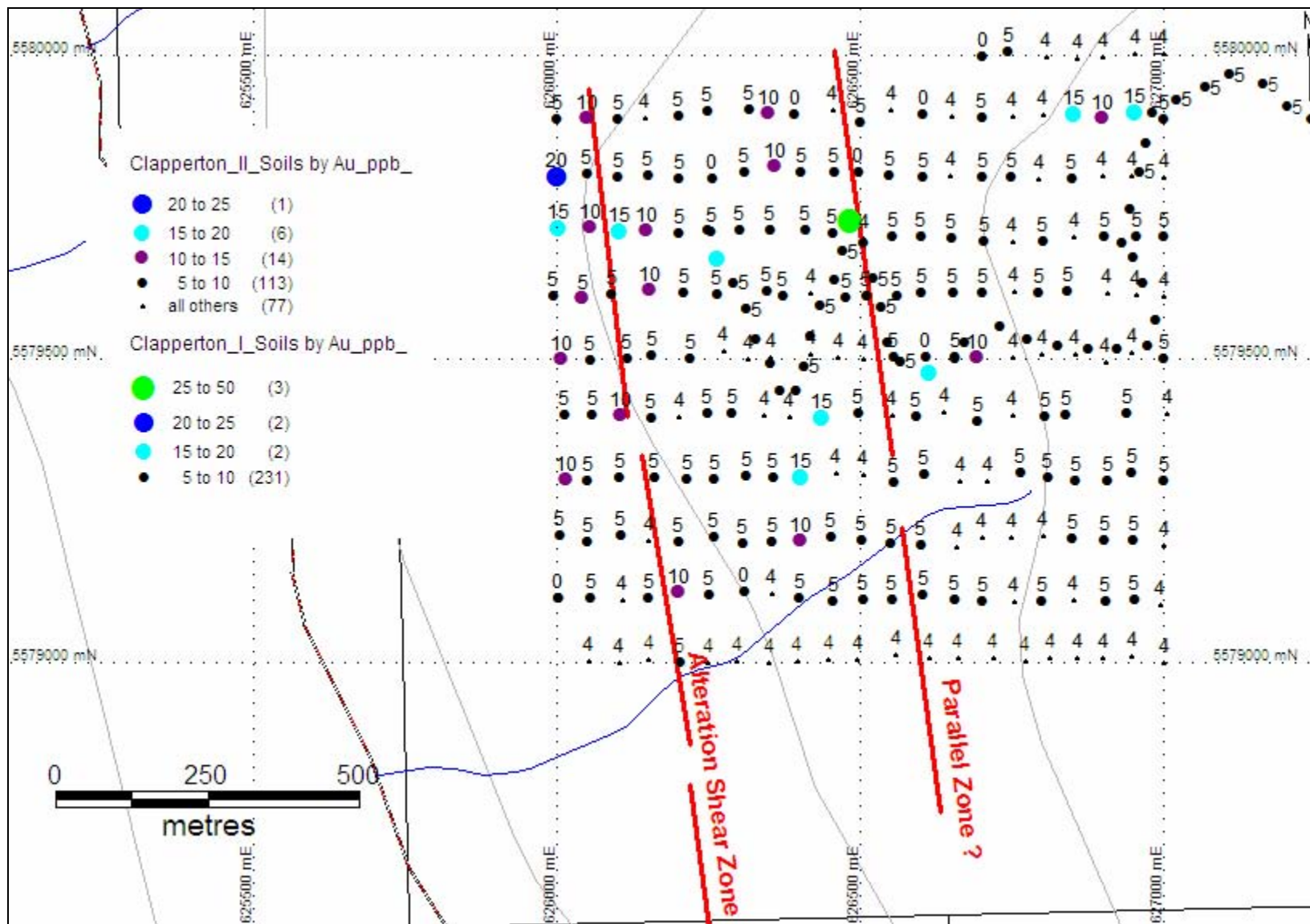
First pass road soil samples were taken at 50 metre intervals above the high side road cuts throughout the claim block. Cross country soil samples were taken at 50 metre intervals along flagged lines. A total of 238 soil samples were taken during the first pass program. The sampling showed a few spot highs in gold and also a concentration of anomalous gold values in the extreme northwestern portion of the property.



CLAPPERTON PROJECT
Phase I Soil Locations
Figure 9

A one kilometre by one kilometre grid was established in the extreme northwestern portion of the property over the concentration of anomalous soil and bedrock gold values from the first pass program with a total of 11 East-West oriented 1 kilometre line. A total of 211 soil samples were taken during the grid sampling.

The Clapperton grid Au soil values are shown in Figure 10. The results define an 800 metre by 700 metre scatter of elevated gold-in-soil values from 10 ppb to 35 ppb Au. The sampling appears to have vaguely highlighted the 800 metre long north trending alteration shear zone mapped along the Highway. Furthermore, the sampling appears to have highlighted a second parallel zone to the east.



CLAPPERTON PROJECT
Soil Grid
Figure 10

There has not been any drilling completed on the Clapperton property.

SAMPLING METHOD AND APPROACH

Three distinct sampling surveys were completed as part of the 2006 exploration program on the Clapperton Project: stream silt sampling, road side and grid soil sampling and rock sampling.

All accessible drainages located on the Clapperton property were sampled. All silt samples were taken with a mattock by directly scooping fine silt into a standard kraft soil sample bag. The ticket number from the assay ticket book was written on each sample bag. Each sample location was marked with flagging tape and labeled with the sample number, sampler and date. The actual ticket was then placed in a ziplock bag along with the silt sample. A Garmin 72 or E-Trek or Trimble Recon recorded the GPS coordinates (in NAD 83) and data on sample number and stream statistics were entered into a field note book. All data was downloaded into a laptop computer on a nightly basis.

The sampling procedure for the soil samples were briefly mentioned in the exploration section. Each soil line was flagged and sampled at 50 metre intervals along the line. Soil bags and tyvex tags were pre-numbered the day before. At each sample location a 500 to 1000 gram sample of the soil from the "B" horizon was taken and placed in the corresponding soil bag. The depth of the sample was generally 10-15 centimetres from surface, taken with a mattock. The location was marked as a waypoint on either a Garmin 72 or Garmin E-Trek unit. The waypoint coordinates were also recorded in a field notebook at the corresponding sample location as back-up, as well as within the memory of the GPS unit. Details on soil color and proximal rock outcrop were also recorded in the field notes. The GPS data was downloaded daily into an excel spreadsheet. The corresponding sample number and the soil color and proximal outcrop were also entered.

Grab rock samples were taken from areas of interest. 1-3 kilograms of rock were placed in a poly sample bag with a sequentially numbered assay ticket. The bag was then sealed with twist ties or flagging tape for transport to the lab. The sample location and sample data were recorded in a Trimble Recon unit, which was downloaded into a laptop computer on a nightly basis. Each sample location was flagged with the sample number, sampler and date.

The 2006 Appleton exploration program was designed and supervised by the author. The majority of the 2006 samples were taken by Ranex Exploration Ltd. personnel and delivered to the bus depot where they were shipped to Eco Tech Labs in Kamloops, BC. Approximately ½ of the rock grab samples were taken by the author's assistant under his direct supervision. These samples were then given to Ranex personnel for shipment as described above.

SAMPLE PREPARATION, ANALYSIS AND SECURITY

All soil, silt and rock samples were taken and immediately placed in sealed sample bags. The sample location was written on the outside of the kraft soil bag for soil samples. A pre-numbered assay ticket was placed in each a ziplock back for silt samples or in a poly sample bag for rock samples, with the corresponding part of the ticket filled out with date, time and location. Flagging was used to mark the sample locations. A fix of the position was obtained by a Garmin 72 or Garmin E-Trek Global Positioning System unit set to record NAD 83 coordinates for the soil samples. A fix of the position was obtained with a Trimble Recon for rock and silt samples. Corresponding sample information was entered into the corresponding table within the Trimble unit.

Ranex Exploration Ltd. personnel sorted all samples by number, then boxed or bagged and then delivered them promptly to the local bus depot for direct shipment Eco Tech Laboratory Ltd. in Kamloops, British Columbia. On occasion, the sealed boxes or bags of samples were placed in the author's vehicle for direct delivery to Eco Tech.

Eco Tech's sample preparation procedures are described below. Samples are first catalogued and dried. They are then prepared as follows:

Soils	Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Samples unable to produce adequate minus 80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh.
Silts	Stream silts are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Samples unable to produce adequate minus 80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. The entire sample of the stream heavies is used for analysis.
Rocks	Rock samples are two stage crushed to minus 10 mesh and a 250 gram sub-sample is pulverized on a ring mill pulverizer to -140 mesh. The sub-sample is rolled, homogenized and bagged in a pre-numbered bag.

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

Eco Tech inserted standard reference materials through the lab handling process and performed an appropriate percentage of repeats and re-splits, allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client. Eco Tech's standards, repeats and re-splits performed well.

For multi element ICP analysis, a 0.5 gram sample is digested with 3 ml of a 3:1:2 (HCl:HN03:H2O) which contains beryllium acting as an internal standard for 90 minutes in a water bath at 95°C. The sample is then diluted to 10 ml with water. The sample is analyzed on a Jarrell Ash ICP unit.

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

The author feels confidence in the assay results from Eco Tech Laboratories Ltd. based on the labs in-house re-splits, re-checks and standards and also based on the CDN standards submitted within the sample stream.

DATA VERIFICATION

The quality control measures for the 2006 exploration program on the Appleton Exploration Inc. properties consisted of Eco Tech Laboratories Ltd. initiated resplits, rechecks and standards through the sample stream. Eco Tech runs three quality control measures. First, they insert standards in to the sample stream. Secondly, they complete a repeat analysis on every tenth sample. Thirdly, they complete a resplit and analysis on every 25th sample.

Along with the aforementioned quality control measures from the lab, additional measures were implemented for the follow-up soil grids. Standards were obtained from CDN Resources Laboratories Ltd. of Delta, B.C. Three standards were obtained: P1 -100 ppb Au, P3 - 300 ppb Au and P5 - 500 ppb Au. The standards were placed in kraft soil sample bags. The sample bags was given the same coordinates as one of the samples along the soil line, but also identified as "B" sample. These were then inserted into the sample strings and submitted to the lab.

The assay results from the standards appear to show good reproducibility. The 100 ppb Au standard assayed between 115 ppb and 150 ppb Au. The 300 ppb Au standard assayed between 315 ppb and 350 ppb Au. The 500 ppb Au standard assayed between 520 ppb and 590 ppb Au.

The author feels these were sufficient quality control measures for the 2006 program.

ADJACENT PROPERTIES

This technical report is not relying on data from adjacent properties.

MINERAL PROCESSING AND METALLURGICAL TESTING

There has been no mineral processing or metallurgical testing undertaken on the Clapperton property.

MINERAL RESOURCES AND MINERAL RESERVE ESTIMATES

There are presently no mineral reserves or mineral resources on the Clapperton property.

OTHER RELEVANT DATA AND INFORMATION

There is no additional relevant data or information known that is not disclosed on the Clapperton property.

INTERPRETATION AND CONCLUSIONS

The Clapperton property lies in an area of high geologic potential. The Spences Bridge Group volcanic belt is emerging as an important low sulphidation epithermal precious metal camp. Exploration on other properties throughout the belt has resulted in the discovery of several quartz vein and quartz float trains by following up initial Regional Geochemistry Survey (RGS) anomalies. Further, basic prospecting, silt sampling and soil sampling within the belt continues to locate concentrations of gold well in excess of background.

The 2006 exploration programs completed by Strongbow Exploration Inc., Consolidated Spire Ventures Ltd. and Almaden Minerals Ltd., among others, have begun to zero in stratigraphically on favourable units. The results are suggesting the volcanoclastics in the Pimainus Formation are a much more favourable host for epithermal systems than the overlying Spius Formation andesites (D. Gale, Pers. comm.). The detailed mapping programs of Strongbow Exploration Inc. are showing that signs of epithermal alteration seem to rapidly dissipate stratigraphically above the Pimainus / Spius contact.

Informal discussions with Dave Gale, P.Geol. of Strongbow and Ed Balon, P.Geol. of Almaden suggest the present erosional level of the Spences Bridge Gold Belt may be significantly higher in the epithermal system than originally thought. Their exploration is suggesting the potential precious metal bearing horizons within these epithermal systems may be as much as 300 metres below the present erosional level. The scarcity of near surface precious metal enriched epithermal quartz veins, combined with the abundant extremely fine-grained detritus quartz (opaline veinlets, agates, clots, discontinuous blebs and pockets) appear to support this observation. This theory is further substantiated by Megaw (2006) in his summary description of low sulphidation epithermal precious metal systems where he documents similar fine-grained quartz detritus \pm 300 metres above the precious metal bearing horizons in Mexico and the U.S. southwest.

This theory appears to fit with the alteration shear zone as the anomalous zone on the soil grid lies between elevation 900 metres and 1200 metres within volcanoclastic rocks of the Pimainus Formation.

Initial prospecting on the Clapperton property led to the discovery of a large alteration shear zone. A one kilometre square soil grid appears to have been successful in highlighting the strike projection of this alteration shear zone. This grid needs to be expanded to the south and west and tightened over the strike projection of the zone. The grid needs to be mapped and prospected in detail.

The remainder of the large 6400 hectare property also needs to be evaluated. Prospecting and mapping followed by a series of cross country soil lines should be instituted to quickly evaluate the remainder of the property.

The exploration completed to date makes the Appleton Exploration Inc. Clapperton Project a **property of merit worthy** of further exploration.

A success contingent, staged, two-phase exploration program is required as to continue the exploration of the Clapperton property. Phase I will consist of prospecting and reconnaissance soil sampling of the outlying property, and prospecting, mapping, further soil sampling and ground geophysics on the existing grid. Phase II will consist of excavator trenching and diamond drilling.

Phase I will concentrate in two areas. The south half of the property will be prospected and mapped. 45 line kilometres of soil sampling at 50 metre sample intervals will established on 500 metre spaced reconnaissance soil lines to evaluate these areas.

The existing grid will be expanded and tightened. The grid will be expanded a further 400 metres to the south to run from 78600N to 80000N. The new section and the existing grid will be tightened to 50 metre lines and 25 metre sample spacings between 25800E and 26500E. This will require an additional 20.3 line kilometres of soil sampling. Ground geophysics, proton magnetometer and resistivity will be run over the 20.3 line kilometres of new grid.

All samples for phase I should be submitted for multi-element ICP-MS analysis and gold geochemical analysis with a detection limit of 1 ppb.

Phase II will only commence on positive results from phase I. This phase will consist of 200 hours of excavator trenching to be followed by 1500 metres of NQ wireline diamond drilling.

RECOMMENDATIONS

The preliminary exploration completed to date on the Clapperton property, lying with the Spences Bridge Epithermal Gold Belt, has met with initial success. Preliminary reconnaissance soil sampling and prospecting was successful in locating the weakly anomalous alteration shear zone. Soil geochemistry over the zone was successful in tracing it along strike with gold in soil anomalies. The bulk of the 6,520 hectare property has yet to be adequately assessed.

The results obtained to date from the exploration of the Clapperton property make the property worthy of further exploration to adequately assess its potential to host epithermal precious metal deposits.

A two-phase, success contingent program of prospecting, reconnaissance soil sampling, and soil grid tightening, and ground geophysics, followed by excavator trenching and diamond drilling is recommended to continue with the exploration of the Clapperton property.

Phase I will consist of prospecting and reconnaissance soil sampling of the south ½ of the property at a cost of \$55,340. Phase I will also include the expansion and tightening of the existing soil grid between 78600N and 80000N and 25800E and 26500E at cost of \$43,802, and ground geophysics over the tightened section of the grid at a cost of \$35,000.

A successful conclusion to Phase I will initiate Phase II. Phase II will consist of 200 hours of excavator trenching and 1500 metres of diamond drilling at an estimated cost of \$340,000.

Phase I 2007 - south section evaluation	8 days	\$ 55,340
Phase I 2007 - grid tightening	7 days	\$ 43,802
Phase II 2007 - grid geophysics	7 days	\$ 35,000
Phase II 2007 - trenching / diamond drilling	55 days	\$ 340,000
Total 2007 Budget		\$ 474,142

The cost of the 2006 Clapperton Exploration program was \$28,402.

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REFERENCES

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Rice, H. M. A. (1947). Geology and Mineral Deposits of the Princeton Map-Area, British Columbia. Geological Survey of Canada Memoir 243

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Thorkelson, D. J. (2006). Notes for Geological Field Trip – Spences Bridge – Merritt Area for Strongbow Exploration Inc. May 8-9, 2006.

www.wyndevelopments.ca/. The Wyn Developments Inc. website provides news releases and exploration summaries on the Blustery Mountain project in the Spences Bridge Group Epithermal Camp.

CERTIFICATE OF QUALIFIED PERSON

I, R.Tim Henneberry, P.Geo. do hereby certify that:

I am the Qualified Person of:

Appleton Exploration Inc.
550 - 580 Hornby Street
Vancouver, British Columbia. V6C 3B6

I earned a Bachelor of Science Degree majoring in geology from Dalhousie University, graduating in May 1980.

I am registered with the Association of Professional Engineers and Geoscientists in the Province of British Columbia as a Professional Geoscientist.

I have practiced my profession continuously for 27 years since graduation.

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. My relevant experience for the purpose of this Technical Report is:

- 27 years of exploration experience for base and precious metals in the Canadian Cordillera
- Three years of exploration in the Spences Bridge Gold Belt for private 665777 B.C. Ltd.

I am responsible for the preparation of the technical report titled "Geological Report Clapperton Project" and dated January 30, 2007, relating to the Clapperton property. I supervised and directed the exploration programs described in this report on behalf of Appleton Exploration Inc. I visited the Clapperton property on August 31, September 4 and November 1.

I have not had prior involvement with the property that is the subject of the Technical Report.

As of December 10, 2006, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

I am a director and the president of Appleton Exploration Inc. I am also principal of 665777 B.C. Ltd. 665777 B.C. Ltd. presently holds 2,693,759 shares of Appleton Exploration Inc. Hence, I cannot be considered independent of the issuer after applying all of the tests in section 1.4 of NI 43-101.

I have read NI 43-101 and Form 43-101F, and the Technical Report has been prepared in compliance with that instrument and form.

I consent to the public filing of the Technical Report and extracts from, or a summary of, the Technical Report in support of the AIF and also consent to the filing of the Technical Report with the British Columbia Ministry of Energy and Mines in support of assessment work requirements.

Dated this 30th day of January, 2007.

"signed and sealed"

R.Tim Henneberry, P.Geo

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STATEMENT OF COSTS

CLAPPERTON STATEMENT OF COSTS FOR 2006

Field Crew and Days		
Rob Barinecutt	Sep 4, 11	
Steve Butrenchuk	Nov 1	
Tim Henneberry	Aug 31; Sep 4,11; Nov 1	
Ranex Field Crew		
Kim Campbell	Sep 19-22	
Matt Eastabrooke	Jul 27,28,29; Sep 19-22	
Mike Florida	Jul 28,29	
Tim Johnson	Jul 27,28,29	
Al Rankin	Sep 20-22	
Jennifer Smorong	Sep 19-22	
Personnel		\$12,070.00
Room and Board		\$2,062.13
Fuel		\$44.92
Rentals		\$702.50
Travel		\$23.04
Freight		\$126.28
Supplies		\$845.36
Service charges		\$221.76
Analysis		\$10,456.01
Documentation		\$1,850.00
Assessment Credit Subtotal		\$28,402.00

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COST ESTIMATES

Phase I 2007 - south section evaluation

8 days

Lower Elevation Prospecting

Allow 15 lines of 3 km each = 45 line km

45 line km at 21 soil samples per line km = 945 samples

Allow 5 rock samples per line = 50 samples

Assume 1.5 km per man day = 30 mandays

Allow contingency of 1 day for weather

Allow 2 vehicles - 1 at top, 1 at bottom

Allow contingency of 1 day for weather

Project Manager	1 days	@	\$ 400 /day	\$ 400
Contract soil crew (4)	8 days	@	\$ 1,600 /day	\$ 12,800
Contract prospector	8 days	@	\$ 400 /day	\$ 3,200
Contract prospector	8 days	@	\$ 400 /day	\$ 3,200
Contract geologist	8 days	@	\$ 400 /day	\$ 3,200
Room & Board	57 days	@	\$ 100 /day	\$ 5,700
Vehicle + Fuel	22 days	@	\$ 150 /day	\$ 3,300
Analysis - rock	50 sample	@	\$ 35 /sample	\$ 1,750
Analysis - soil	945 sample	@	\$ 22 /sample	\$ 20,790
Travel				\$ -
Sundries				\$ 1,000
Contingency				
Phase I 2007 - south section evaluation				\$ 55,340

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COST ESTIMATES
(Continued)

Phase I 2007 - grid tightening	7 days
Grid Tightening and prospecting	
25800E to 26500E - 29 samples per line	
78600N to 80000N - 29 lines	
29 lines at 29 samples per line = 841 samples	
29 lines at 0.7 km per line = 20.3 line km	
Assume 1.5 line km per man day = 14 man days	
Allow contingency of 1 day for weather	
Project Manager	1 days @ \$ 400 /day \$ 400
Contract soil crew (4)	4 days @ \$ 1,600 /day \$ 6,400
Contract prospector	8 days @ \$ 400 /day \$ 3,200
Contract prospector	8 days @ \$ 400 /day \$ 3,200
Contract geologist	8 days @ \$ 400 /day \$ 3,200
Room & Board	41 days @ \$ 100 /day \$ 4,100
Vehicle + Fuel	7 days @ \$ 150 /day \$ 1,050
Analysis - rock	50 sample @ \$ 35 /sample \$ 1,750
Analysis - soil	841 sample @ \$ 22 /sample \$ 18,502
Travel	\$ -
Sundries	\$ 2,000
Contingency	\$ -
Phase I 2007 - grid tightening total	\$ 43,802
Phase II 2007 - grid geophysics	7 days
29 lines at 0.7 km per line = 20.3 line km	
Allow \$1,500 per line km all inclusive	
Geophysical survey	20.3 line km @ \$ 1,500 /line km \$ 30,450
Travel	\$ -
Sundries	
Contingency	\$ 4,550
Phase I 2007 - grid geophysics total	\$ 35,000

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 COST ESTIMATES
 (Continued)

Phase II 2007 - trenching/ diamond drilling	55 days			
Allow for 200 hours of excavator trenching = 25 days				
Allow for 400 rock samples				
Allow for 1500 metres of NQ wireline diamond drilling = 30 days				
Allow for 1500 core samples				
Project Manager	20 days	@ \$ 400 /day		\$ 8,000
Core Splitter	30 days	@ \$ 400 /day		\$ 12,000
Contract geologist	55 days	@ \$ 400 /day		\$ 22,000
Room & Board	105 days	@ \$ 100 /day		\$ 10,500
Vehicle + Fuel	75 days	@ \$ 150 /day		\$ 11,250
Trenching Mob / Demob				\$ 2,500
Excavator (all in)	200 days	@ \$ 150 /day		\$ 30,000
Drilling Mob / Demob				\$ 5,000
Drilling (all in)	1500 metres	@ \$ 125 /metre		\$ 187,500
Analysis - rock	400 sample	@ \$ 35 /sample		\$ 14,000
Analysis - core	1500 sample	@ \$ 35 /sample		\$ 52,500
Travel				\$ -
Sundries				\$ 2,500
Contingency				\$ 34,750
Phase II 2007 - trenching/ diamond drilling				\$ 340,000

Clapperton Project Rock Sampling Summary

Number	Host	Zone	Alt. Mineralogy	Min	Width	AZ	Dip	Map_X	Map_Y	ppbAu	ppmAg	ppmAs	ppmSr
194174	baf	alteration quartz zone	qtz, clay, box	NVM	grab			626655	5579499	15	0.2	15	10
194175	vol	silicified volcaniclastic	sil	NVM	grab			626548	5579519	20	0.2	20	16
194176	vol	chalcedonic qtz amygdules	qtz	NVM	grab			627351	5579753	15	0.2	30	429
194177	vol	altered volcaniclastics	carb	NVM	grab			630564	5576948	10	0.2	15	189
290175	baf	rusty talus	lim, hem, chl, box	NVM	grab	352	80	626261	5578283	15	0.2	20	67
290176	baf	shear zone, qtz, carb vnlt	chl, carb, clay	NVM	grab			626257	5578282	45	3.4	20	105
290177	baf	shear zone, qtz, carb vnlt	chl, ble	NVM	grab	336	40	626261	5578306	10	0.2	15	86
290178	baf	shear zone, qtz, carb vnlt	ep, chl	NVM	grab			626212	5578320	60	0.2	20	76
290179	baf	alteration quartz zone	chl, carb, ble	NVM	grab			626213	5578314	10	0.3	20	180

adularia - adu
bleaching - ble
brown oxides - box
carbonate - carb
chlorite - chl
epidote - ep
fuchsite - fuc

hematite - hem
limonite - lim
manganese - mn
quartz - qtz
red oxides - rox
sericite - ser
serpentine - serp
silicification - sil

andesite - and
block and ash fall tuff - baf
diorite - drt
lapilli tuff - lap
metasediment - sed
rhyolite - rhy
siltstone - slst
volcaniclastic - vol

vein - vn
veinlets - vnlt
breccia - bx

Clapperton 2006 Soil Locations - NAD 83 Zone 10

Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
CL2-1		627868	5579537	CL3-10		626671	5579526	CL4-16		629725	5576198
CL2-2		627846	5579593	CL3-11		626656	5579500	CL4-17		629668	5576215
CL2-3		627828	5579642	CL3-12		626613	5579477	CL4-18		629608	5576223
CL2-4		627784	5579664	CL3-13		626565	5579496	CL4-19		629563	5576220
CL2-5		627746	5579626	CL3-14		626545	5579526	CL4-20		629520	5576220
CL2-6		627704	5579622	CL3-15		626535	5579586	CL4-21		629464	5576236
CL2-7		627667	5579656	CL3-16		626520	5579633	CL4-22		629410	5576238
CL2-8		627626	5579661	CL3-17		626504	5579690	CL4-23		629372	5576263
CL2-9		627585	5579706	CL3-18		626485	5579728	CL4-24		629318	5576257
CL2-10		627541	5579729	CL3-19		626470	5579677	CL4-25		629269	5576259
CL2-11		627509	5579761	CL3-20		626458	5579631	CL4-26		629216	5576265
CL2-12		627473	5579798	CL3-21		626434	5579587	CL4-27		629166	5576268
CL2-13		627434	5579810	CL3-22		626419	5579538	CL4-28		629125	5576250
CL2-14		627394	5579782	CL3-23		626408	5579488	CL4-29		629075	5576286
CL2-15		627372	5579820	CL3-24		626394	5579447	CL4-30		629022	5576295
CL2-16		627325	5579844	CL3-25		626367	5579447	CL4-31		628978	5576323
CL2-17		627297	5579891	CL3-26		626351	5579493	CL4-32		628927	5576310
CL2-18		627242	5579895	CL3-27		626329	5579533	CL4-33		628885	5576364
CL2-19		627204	5579916	CL3-28		626311	5579582	CL4-34		628823	5576340
CL2-20		627164	5579953	CL3-29		626290	5579626	CL4-35		628790	5576320
CL2-21		627109	5579968	CL3-30		626265	5579665	CL4-36		628776	5576324
CL2-22		627069	5579947	CL3-31		626248	5579712	CL4-37		628694	5576338
CL2-23		627021	5579928	CL4-1		630459	5576085	CL4-38		628636	5576345
CL2-24		626980	5579905	CL4-2		630405	5576096	CL4-39		628612	5576337
CL2-25		626971	5579855	CL4-3		630365	5576103	CL4-40		628525	5576336
CL2-26		626960	5579809	CL4-4		630318	5576105	CL4-41		628489	5576348
CL2-27		626945	5579747	CL4-5		630265	5576085	CL4-42		628432	5576352
CL2-28		626930	5579691	CL4-6		630232	5576113	CL4-43		628371	5576367
CL3-1		626950	5579667	CL4-7		630187	5576124	CL5-1		627945	5577706
CL3-2		626966	5579626	CL4-8		630131	5576134	CL5-2		627956	5577653
CL3-3		626986	5579565	CL4-9		630071	5576149	CL5-3		627975	5577604
CL3-4		626972	5579523	CL4-10		630033	5576144	CL5-4		627994	5577552
CL3-5		626924	5579516	CL4-11		629952	5576157	CL5-5		628021	5577510
CL3-6		626875	5579517	CL4-12		629926	5576160	CL5-6		628053	5577478
CL3-7		626824	5579523	CL4-13		629873	5576173	CL5-7		628082	5577431
CL3-8		626776	5579532	CL4-14		629832	5576185	CL5-8		628059	5577393
CL3-9		626731	5579555	CL4-15		629763	5576189	CL5-9		628051	5577344

Clapperton 2006 Soil Locations - NAD 83 Zone 10

Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
CL5-10		628056	5577289	CL6-16		627854	5578481	Soil line 1		634076	5572917
CL5-11		628069	5577241	CL6-17		627846	5578533	Soil line 1		634037	5572927
CL5-12		628084	5577195	CL6-18		627834	5578580	Soil line 1		633982	5572965
CL5-13		628103	5577153	CL6-19		627827	5578633	Soil line 1		633922	5572984
CL5-14		628143	5577118	CL6-19R		627831	5578665	Soil line 1		633892	5573001
CL5-15		628176	5577082	CL6-20		627822	5578679	Soil line 1		633839	5573015
CL5-16		628226	5577050	CL6-21		627828	5578734	Soil line 1		633801	5573025
CL5-17		628260	5577030	CL6-22		627809	5578777	Soil line 1		633753	5573058
CL5-18		628288	5576986	CL6-23		627815	5578832	Soil line 1		633716	5573100
CL5-19		628289	5576925	CL6-24		627806	5578880	Soil line 1		633673	5573109
CL5-20		628276	5576870	CL6-25		627754	5578899	Soil line 1		633649	5573136
CL5-21		628305	5576818	CL6-26		627714	5578925	Soil line 1		633607	5573164
CL5-22		628303	5576761	CL6-27		627684	5578969	Soil line 1		633573	5573185
CL5-23		628325	5576723	CL6-28		627648	5579011	Soil line 1		633533	5573196
CL5-24		628341	5576675	CL6-29		627618	5579043	Soil line 1		633477	5573238
CL5-25		628364	5576618	CL6-30		627599	5579101	Soil line 1		633433	5573248
CL5-26		628378	5576586	CL6-31		627589	5579141	Soil line 1		633399	5573259
CL5-27		628423	5576534	CL6-32		627567	5579187	Soil line 1		633353	5573289
CL5-28		628476	5576506	CL6-33		627528	5579225	Soil line 1		633300	5573300
CL5-29		628435	5576493	CL6-34		627509	5579265	Soil line 1		633300	5573301
CL5-30		628392	5576470	CL6-35		627482	5579319	Soil line 1		633302	5573302
CL5-31		628427	5576440	CL6-36		627459	5579354	Soil line 1		633266	5573331
CL6-1		627953	5577743	CL6-37		627428	5579399	Soil line 1		633312	5573342
CL6-2		627960	5577797	CL6-38		627410	5579442	Soil line 1		633213	5573345
CL6-3		627963	5577854	CL6-39		627397	5579493	Soil line 2		633166	5573374
CL6-4		627957	5577894	CL6-40		627398	5579539	Soil line 2		633129	5573391
CL6-5		627946	5577938	CL6-41		627391	5579592	Soil line 2		633328	5573400
CL6-6		627948	5577995	CL6-42		627388	5579639	Soil line 2		633067	5573422
CL6-7		627940	5578036	CL6-43		627382	5579692	Soil line 2		633335	5573445
CL6-8		627937	5578090	CL6-44		627361	5579733	Soil line 2		633030	5573448
CL6-9		627935	5578137	CL6-45		627352	5579769	Soil line 2		632977	5573477
CL6-10		627931	5578183	Soil line 1		634250	5572800	Soil line 2		633347	5573496
CL6-11		627913	5578237	Soil line 1		634301	5572823	Soil line 2		632929	5573504
CL6-12		627898	5578286	Soil line 1		634209	5572840	Soil line 2		632881	5573531
CL6-13		627887	5578338	Soil line 1		634261	5572849	Soil line 2		633370	5573536
CL6-14		627873	5578382	Soil line 1		634169	5572866	Soil line 2		632845	5573544
CL6-15		627861	5578429	Soil line 1		634123	5572888	Soil line 2		632799	5573574

Clapperton 2006 Soil Locations - NAD 83 Zone 10

Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
79000N	26000E	626002	5579106	79100N	26800E	626799	5579102	79300N	26550E	626555	5579298
79000N	26050E	626052	5579004	79100N	26850E	626851	5579103	79300N	26600E	626605	5579310
79000N	26100E	626102	5579001	79100N	26900E	626904	5579102	79300N	26650E	626664	5579301
79000N	26150E	626151	5579005	79100N	26950E	626951	5579104	79300N	26700E	626709	5579299
79000N	26200E	626203	5579002	79100N	27000E	626994	5579096	79300N	26750E	626763	5579312
79000N	26250E	626249	5579000	79200N	26000E	626004	5579211	79300N	26800E	626809	5579304
79000N	26300E	626297	5579004	79200N	26050E	626051	5579200	79300N	26850E	626855	5579299
79000N	26350E	626350	5579000	79200N	26100E	626105	5579209	79300N	26900E	626908	5579299
79000N	26400E	626396	5579004	79200N	26150E	626151	5579202	79300N	26950E	626948	5579312
79000N	26450E	626447	5579007	79200N	26200E	626200	5579198	79300N	27000E	627000	5579300
79000N	26500E	626495	5579005	79200N	26250E	626259	5579208	79400N	26000E	626012	5579409
79000N	26550E	626559	5579015	79200N	26300E	626306	5579197	79400N	26050E	626059	5579408
79000N	26600E	626613	5579009	79200N	26350E	626355	5579199	79400N	26100E	626105	5579405
79000N	26650E	626660	5579010	79200N	26400E	626402	5579199	79400N	26150E	626155	5579403
79000N	26700E	626719	5579008	79200N	26450E	626452	5579207	79400N	26200E	626202	5579405
79000N	26750E	626772	5579003	79200N	26500E	626502	5579201	79400N	26250E	626248	5579410
79000N	26800E	626813	5579008	79200N	26550E	626550	5579197	79400N	26300E	626289	5579410
79000N	26850E	626857	5579009	79200N	26600E	626600	5579194	79400N	26350E	626342	5579408
79000N	26900E	626900	5579010	79200N	26650E	626659	5579192	79400N	26400E	626383	5579406
79000N	26950E	626948	5579011	79200N	26700E	626700	5579208	79400N	26450E	626436	5579403
79000N	27000E	627000	5579000	79200N	26750E	626749	5579208	79400N	26500E	626497	5579411
79100N	26000E	626002	5579106	79200N	26800E	626801	5579211	79400N	26550E	626552	5579408
79100N	26050E	626056	5579106	79200N	26850E	626849	5579205	79400N	26600E	626591	5579405
79100N	26100E	626108	5579105	79200N	26900E	626902	5579202	79400N	26650E	626638	5579414
79100N	26150E	626151	5579108	79200N	26950E	626950	5579203	79400N	26700E	626693	5579397
79100N	26200E	626200	5579114	79200N	27000E	627000	5579194	79400N	26750E	626750	5579409
79100N	26250E	626250	5579111	79300N	26000E	626015	5579299	79400N	26800E	626805	5579406
79100N	26300E	626308	5579118	79300N	26050E	626051	5579301	79400N	26850E	626839	5579409
79100N	26350E	626353	5579114	79300N	26100E	626103	5579305	79400N	26900E	626904	5579496
79100N	26400E	626400	5579107	79300N	26150E	626161	5579304	79400N	26950E	626940	5579411
79100N	26450E	626456	5579102	79300N	26200E	626215	5579303	79400N	27000E	627006	5579412
79100N	26500E	626504	5579104	79300N	26250E	626260	5579302	79500N	26000E	626009	5579497
79100N	26550E	626552	5579105	79300N	26300E	626313	5579308	79500N	26050E	626055	5579498
79100N	26600E	626604	5579112	79300N	26350E	626356	5579306	79500N	26100E	626504	5579500
79100N	26650E	626655	5579105	79300N	26400E	626403	5579304	79500N	26150E	626692	5579500
79100N	26700E	626701	5579101	79300N	26450E	626460	5579312	79500N	26200E	627000	5579500
79100N	26750E	626753	5579101	79300N	26500E	626505	5579311	79500N	26250E	626116	5579501

Clapperton 2006 Soil Locations - NAD 83 Zone 10

Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
79500N	26300E	626220	5579501	79700N	26050E	626056	5579715	79800N	26850E	626848	5579796
79500N	26350E	626315	5579501	79700N	26100E	626103	5579709	79800N	26900E	626899	5579802
79500N	26400E	626555	5579503	79700N	26150E	626149	5579709	79800N	26950E	626947	5579802
79500N	26450E	626608	5579503	79700N	26200E	626202	5579708	79800N	27000E	627000	5579800
79500N	26500E	626352	5579504	79700N	26250E	626254	5579710	79900N	26000E	626000	5579896
79500N	26550E	626463	5579504	79700N	26300E	626301	5579712	79900N	26050E	626051	5579895
79500N	26600E	626656	5579504	79700N	26350E	626351	5579713	79900N	26100E	626101	5579895
79500N	26650E	626752	5579504	79700N	26400E	626409	5579712	79900N	26150E	626145	5579897
79500N	26700E	626157	5579506	79700N	26450E	626454	5579707	79900N	26200E	626200	5579900
79500N	26750E	626799	5579508	79700N	26500E	626506	5579700	79900N	26250E	626248	5579908
79500N	26800E	626853	5579508	79700N	26550E	626553	5579702	79900N	26300E	626316	5579912
79500N	26850E	626419	5579509	79700N	26600E	626600	5579701	79900N	26350E	626350	5579904
79500N	26900E	626947	5579511	79700N	26650E	626650	5579699	79900N	26400E	626392	5579902
79500N	26950E	626274	5579514	79700N	26700E	626704	5579695	79900N	26450E	626454	5579912
79500N	27000E	626043	5579600	79700N	26750E	626751	5579694	79900N	26500E	626501	5579891
79600N	26000E	625994	5579603	79700N	26800E	626801	5579694	79900N	26550E	626550	5579910
79600N	26050E	626043	5579600	79700N	26850E	626852	5579702	79900N	26600E	626604	5579904
79600N	26100E	626090	5579606	79700N	26900E	626903	5579701	79900N	26650E	626650	5579900
79600N	26150E	626154	5579611	79700N	26950E	626956	5579703	79900N	26700E	626700	5579898
79600N	26200E	626209	5579608	79700N	27000E	627001	5579702	79900N	26750E	626751	5579900
79600N	26250E	626263	5579607	79800N	26000E	626000	5579801	79900N	26800E	626800	5579902
79600N	26300E	626345	5579613	79800N	26050E	626050	5579804	79900N	26850E	626851	5579904
79600N	26350E	626372	5579604	79800N	26100E	626101	5579800	79900N	26900E	626899	5579895
79600N	26400E	626418	5579608	79800N	26150E	626150	5579803	79900N	26950E	626951	5579905
79600N	26450E	626477	5579601	79800N	26200E	626201	5579797	79900N	27000E	627000	5579896
79600N	26500E	626510	5579604	79800N	26250E	626256	5579797	80000N	26000E		
79600N	26550E	626560	5579604	79800N	26300E	626308	5579809	80000N	26050E		
79600N	26600E	626601	5579610	79800N	26350E	626360	5579816	80000N	26100E		
79600N	26650E	626653	5579609	79800N	26400E	626403	5579808	80000N	26150E		
79600N	26700E	626702	5579608	79800N	26450E	626457	5579807	80000N	26200E		
79600N	26750E	626753	5579611	79800N	26500E	626497	5579808	80000N	26250E		
79600N	26800E	626794	5579608	79800N	26550E	626548	5579802	80000N	26300E		
79600N	26850E	626841	5579611	79800N	26600E	626604	5579800	80000N	26350E		
79600N	26900E	626906	5579608	79800N	26650E	626649	5579802	80000N	26400E		
79600N	26950E	626954	5579607	79800N	26700E	626702	5579799	80000N	26450E		
79600N	27000E	627000	5579604	79800N	26750E	626749	5579801	80000N	26500E		
79700N	26000E	626002	5579716	79800N	26800E	626794	5579798	80000N	26550E		

01-Jun-06

ECO TECH LABORATORY LTD.

10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2006-452

Midland Recording

1870 Inglewood Dr.
Kamloops, BC
V2B 4W1

Phone: 250-573-5700
Fax : 250-573-4557

Attention: Rolland Menard

No. of samples received: 1
Sample Type: rock
Submitted by: R. Tim Henneberry
Project #:Clapperton Block

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	E4150	5	<0.2	<0.01	<5	165	<5	0.23	<1	3	45	<1	0.17	<10	>10	17	<1	<0.01	78	<10	<2	<5	<20	6	<0.01	<10	2	<10	<1	<1

QC DATA:

Resplit:
1 E4150 5

Repeat:
1 E4150 5

Standard:
GEO '06 1.5 1.80 55 155 <5 1.71 <1 19 60 86 3.71 <10 0.9 799 <1 0.02 28 650 24 <5 <20 54 0.11 <10 65 <10 11 76
OXF41 810

JJ/ga
df/456
XLS/06

ECO TECH LABORATORY LTD.
Jutta Jealous
B.C. Certified Assayer

01-Jun-06

ECO TECH LABORATORY LTD.

10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2006-453

Midland Recording

1870 Inglewood Dr.
Kamloops, BC
V2B 4W1

Phone: 250-573-5700
Fax : 250-573-4557

Attention: Rolland Menard

No. of samples received: 6
Sample Type: Silts
Submitted by: R. Tim Henneberry
Project #:Clapperton Block

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	290701	5	<0.2	0.54	<5	40	<5	0.53	<1	6	16	23	3.29	<10	0.25	156	<1	0.02	5	420	4	<5	<20	30	0.08	<10	123	<10	4	13
2	290702	5	<0.2	1.98	<5	35	<5	1.52	<1	12	23	23	2.78	<10	0.8	468	<1	0.03	13	560	174	<5	<20	80	0.16	<10	86	<10	10	38
3	290703	5	<0.2	1.21	<5	45	<5	1.34	<1	10	22	21	2.22	<10	0.74	386	<1	0.04	18	590	10	<5	<20	69	0.13	<10	67	<10	9	31
4	290704	5	<0.2	1.24	<5	55	<5	1.03	<1	9	26	25	2.19	<10	0.75	405	<1	0.03	17	460	8	<5	<20	48	0.09	<10	63	<10	8	30
5	290705	10	<0.2	1.58	<5	60	<5	2.20	<1	11	20	53	2.23	<10	0.78	601	2	0.03	14	1080	20	<5	<20	116	0.14	<10	64	<10	10	54
6	290706	5	<0.2	0.53	<5	35	<5	0.67	<1	5	12	12	0.96	<10	0.33	169	<1	0.02	12	310	6	<5	<20	30	0.05	<10	28	<10	3	19

QC DATA:

Standard: GEO '06 OXF41	810	1.4	1.56	55	135	<5	0.65	<1	18	60	84	3.57	<10	0.78	516	<1	<0.01	19	340	20	<5	<20	54	0.10	<10	66	<10	9	67
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JJ/ga
df/456
XLS/06

ECO TECH LABORATORY LTD.
Jutta Jealous
B.C. Certified Assayer

23-Aug-06

ECO TECH LABORATORY LTD.
 10041 Dallas Drive
 KAMLOOPS, B.C.
 V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2006-1098

Appleton Exploration Inc.
 550 - 580 Hornby Street
 Vancouver, BC
 V6C 3B6

Phone: 250-573-5700
 Fax : 250-573-4557

No. of samples received: 13
 Sample Type: Rock
Project: Various SP Bridge
 Submitted by: T. Johnson

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	194165	5	<0.2	0.6	10	360	5	4.29	<1	6	20	3	2.96	<10	0.12	831	3	<0.01	3	430	18	<5	<20	23	<0.01	<10	46	<10	7	90
2	194166	10	<0.2	0.52	15	25	<5	0.84	<1	10	21	5	3.51	<10	0.04	941	3	0.01	15	300	18	<5	<20	13	<0.01	<10	38	<10	7	89
3	194167	5	<0.2	1.81	15	70	5	3.28	<1	27	39	50	4.37	<10	1.62	1041	3	0.05	67	560	46	<5	<20	22	<0.01	<10	121	<10	10	71
4	194168	5	<0.2	0.85	15	50	5	0.42	<1	6	42	5	1.68	<10	0.41	318	<1	0.05	2	470	26	5	<20	14	0.07	<10	20	<10	14	42
5	194169	10	<0.2	1.53	15	20	10	0.92	<1	5	34	6	2.78	<10	0.29	258	4	0.02	2	200	48	<5	<20	30	0.07	<10	21	<10	3	27
6	194170	10	<0.2	1.57	15	15	10	0.96	<1	3	34	7	1.93	<10	0.41	332	3	0.03	<1	250	50	<5	<20	32	0.07	<10	25	<10	15	40
7	194171	15	<0.2	2.55	25	45	15	1.48	<1	8	16	5	3.27	<10	0.87	404	<1	0.02	<1	940	72	<5	<20	54	0.13	<10	57	<10	<1	78
8	194172	10	<0.2	2.63	25	25	15	1.21	<1	24	59	84	4.94	<10	1.78	564	<1	0.04	18	2510	72	15	<20	49	0.24	<10	103	<10	7	56
9	194173	10	<0.2	0.35	10	60	<5	0.08	<1	2	46	2	1.27	<10	0.03	393	2	0.03	3	220	14	<5	<20	3	<0.01	<10	9	<10	7	35
10	194174	15	<0.2	0.59	15	40	10	0.19	<1	7	36	7	1.93	<10	0.03	208	<1	0.03	1	690	34	<5	<20	10	0.21	<10	8	<10	7	36
11	194175	20	<0.2	0.66	20	40	10	2.39	<1	5	39	5	1.41	<10	0.15	556	2	0.03	2	510	30	<5	<20	16	0.08	<10	11	<10	18	45
12	194176	15	<0.2	6.63	30	15	<5	8.7	<1	12	13	42	2.12	<10	0.52	313	<1	0.63	7	560	168	15	<20	429	0.11	<10	112	<10	5	35
13	194177	10	<0.2	0.52	15	20	<5	3.24	<1	20	37	79	4.76	<10	0.96	735	5	0.04	14	880	20	<5	<20	189	<0.01	<10	120	<10	8	89

QC DATA:

Repeat:																																
1	194165	10	<0.2	0.63	10	370	5	4.4	<1	6	21	4	3.03	<10	0.12	849	2	<0.01	4	450	20	<5	<20	28	<0.01	<10	47	<10	8	93		
Resplit:																																
1	194165	5	<0.2	0.6	10	365	10	4.29	<1	6	19	3	3.01	<10	0.12	826	3	<0.01	4	440	16	<5	<20	26	<0.01	<10	47	<10	9	91		
Standard:																																
Pb106			>30	0.63	215	80	<5	2.06	57	3	51	6223	1.7	<10	0.32	636	35	0.03	8	280	5240	55	<20	201	<0.01	10	17	<10	5	8409		
OXH52		1300																														

JJ/kk
 df/1092
 XLS/06

ECO TECH LABORATORY LTD.
 Jutta Jealouse

5-Sep-06

B.C. Certified Assayer

ECO TECH LABORATORY LTD.
 10041 Dallas Drive
 KAMLOOPS, B.C.
 V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2006-1103

Appleton Exploration Inc.
 550 - 580 Hornby Street
 Vancouver, BC
 V6C 3B6

Phone: 250-573-5700
 Fax : 250-573-4557

No. of samples received: 190
 Sample Type: Soil/Silt
Project: Clapperton
 Submitted by: T. Johnson

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	CL3-1	<5	<0.2	1.49	<5	85	<5	0.56	<1	12	35	23	2.78	<10	0.53	534	1	0.03	23	200	16	<5	<20	54	0.13	<10	75	<10	10	61
2	CL3-2	<5	<0.2	1.36	<5	80	<5	0.52	<1	11	26	18	2.75	<10	0.44	554	<1	0.03	16	180	14	<5	<20	54	0.14	<10	80	<10	11	54
3	CL3-3	<5	<0.2	1.82	<5	105	<5	0.66	<1	13	36	28	3.08	<10	0.55	537	1	0.02	24	280	16	<5	<20	62	0.14	<10	74	<10	13	62
4	CL3-4	<5	<0.2	1.73	<5	105	<5	0.62	<1	13	37	26	2.9	10	0.59	611	1	0.03	26	240	16	<5	<20	55	0.13	<10	69	<10	12	65
5	CL3-5	<5	<0.2	1.49	<5	125	<5	0.76	<1	12	32	21	2.58	<10	0.49	757	<1	0.03	22	210	16	<5	<20	63	0.13	<10	65	<10	11	77
6	CL3-6	<5	<0.2	1.39	<5	80	<5	0.54	<1	11	30	21	2.6	<10	0.4	463	<1	0.04	18	150	14	<5	<20	61	0.15	<10	73	<10	10	48
7	CL3-7	<5	<0.2	1.31	<5	80	<5	0.43	<1	10	31	16	2.33	<10	0.39	337	<1	0.03	18	150	12	<5	<20	46	0.14	<10	63	<10	8	55
8	CL3-8	<5	<0.2	1.7	<5	100	<5	0.54	<1	11	36	24	2.69	<10	0.48	397	<1	0.03	21	240	16	<5	<20	53	0.13	<10	63	<10	11	58
9	CL3-9	<5	<0.2	1.63	<5	95	<5	0.55	<1	12	36	24	2.94	<10	0.64	513	<1	0.02	18	180	16	<5	<20	55	0.14	<10	76	<10	9	66
10	CL3-10	<5	<0.2	1.89	<5	100	<5	0.55	<1	13	44	23	3.11	<10	0.74	506	1	0.02	22	270	16	<5	<20	46	0.15	<10	74	<10	11	64
11	CL3-11	<5	<0.2	1.33	<5	105	<5	0.51	<1	9	29	14	2.44	<10	0.33	590	1	0.02	16	250	16	<5	<20	38	0.12	<10	54	<10	11	84
12	CL3-12	15	<0.2	1.6	<5	105	<5	0.66	<1	10	35	26	2.76	10	0.45	478	<1	0.03	22	240	16	<5	<20	52	0.12	<10	68	<10	13	58
13	CL3-13	5	<0.2	1.36	<5	95	<5	0.54	<1	11	30	20	2.56	<10	0.38	604	1	0.03	20	160	14	<5	<20	45	0.13	<10	70	<10	12	70
14	CL3-14	<5	<0.2	1.93	<5	110	<5	0.73	<1	11	39	42	3.19	10	0.55	342	2	0.03	24	280	16	<5	<20	62	0.12	<10	78	<10	15	51
15	CL3-15	<5	<0.2	1.56	5	105	<5	0.81	<1	11	31	28	2.72	10	0.45	735	<1	0.04	21	330	16	<5	<20	62	0.13	<10	74	<10	12	60
16	CL3-16	<5	0.2	1.54	<5	85	<5	0.65	<1	9	32	20	2.58	<10	0.37	609	<1	0.02	18	300	16	<5	<20	48	0.11	<10	51	<10	13	76
17	CL3-17	<5	<0.2	1.21	<5	75	<5	0.67	<1	8	25	17	2.32	<10	0.31	407	<1	0.03	15	220	14	<5	<20	49	0.14	<10	63	<10	10	50
18	CL3-18	35	<0.2	1.58	<5	95	<5	0.61	<1	9	31	18	2.44	10	0.39	506	1	0.03	18	280	14	<5	<20	48	0.13	<10	50	<10	13	63
19	CL3-19	<5	0.2	1.31	<5	85	<5	0.58	<1	10	28	20	2.57	<10	0.42	562	<1	0.03	18	170	16	<5	<20	51	0.13	<10	73	<10	10	57
20	CL3-20	<5	<0.2	1.49	<5	60	<5	0.7	<1	11	29	45	3.02	<10	0.54	357	<1	0.04	20	200	14	<5	<20	62	0.14	<10	96	<10	11	45
21	CL3-21	<5	<0.2	1.27	<5	85	<5	0.53	<1	11	30	20	2.59	<10	0.39	699	<1	0.03	19	160	14	<5	<20	45	0.15	<10	71	<10	10	64
22	CL3-22	<5	<0.2	1.63	<5	90	<5	0.59	<1	11	35	27	2.86	<10	0.49	530	<1	0.03	22	200	16	<5	<20	48	0.13	<10	64	<10	12	64
23	CL3-23	<5	<0.2	1.38	<5	260	<5	1.36	<1	9	29	33	2.37	10	0.4	1286	<1	0.03	20	700	20	<5	<20	75	0.1	<10	42	<10	17	119
24	CL3-24	<5	<0.2	2.34	<5	75	<5	1.91	<1	8	26	30	2.15	<10	0.47	385	<1	0.03	15	310	18	<5	<20	81	0.07	<10	41	<10	9	40
25	CL3-25	5	<0.2	2.69	<5	70	<5	2.76	<1	17	38	47	3.47	<10	1.03	912	<1	0.02	21	540	22	<5	<20	75	0.17	<10	73	<10	11	68

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
Till-3		1.4	1.07	80	40	<5	0.52	<1	11	62	21	2.02	10	0.58	311	1	0.03	32	470	28	<5	<20	13	0.06	<10	38	<10	8	39	
Till-3		1.5	1.09	80	40	<5	0.5	<1	12	62	22	2.06	10	0.62	312	1	0.03	35	470	26	<5	<20	11	0.08	<10	37	<10	9	40	
Till-3		1.5	1.11	85	40	<5	0.51	<1	12	63	23	2.01	20	0.66	318	1	0.03	36	500	28	<5	<20	10	0.08	<10	38	<10	9	43	
Till-3		1.6	1.11	85	40	<5	0.52	<1	13	65	23	2.06	10	0.6	311	<1	0.03	38	500	28	<5	<20	10	0.08	<10	38	<10	9	43	
Till-3		1.5	1.13	85	40	<5	0.66	<1	12	61	22	2.01	10	0.63	312	1	0.03	31	500	30	<5	<20	11	0.07	<10	38	<10	9	42	
Till-3		1.6	1.15	80	40	<5	0.72	<1	11	62	21	2.07	10	0.6	309	<1	0.04	36	470	30	<5	<20	12	0.07	<10	40	<10	9	41	
OXH52	1275																													
OXH52	1275																													
OXH52	1290																													
OXH52	1290																													
OXH52	1275																													

ECO TECH LABORATORY LTD.
 Jutta Jealous
 B.C. Certified Assayer

JJ/bp
 df/n1103a/n1103b
 XLS/06

14-Nov-06

ECO TECH LABORATORY LTD.
 10041 Dallas Drive
 KAMLOOPS, B.C.
 V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2006-1579

Appleton Exploration Inc.
 550 - 580 Hornby Street
 Vancouver, BC
 V6C 3B6

Phone: 250-573-5700
 Fax : 250-573-4557

No. of samples received: 85
 Sample Type: Soil
Project: Dora
 Submitted by: T. Johnson

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	79000N 26000E "B"	590	0.9	0.32	255	35	<5	0.2	<1	22	1036	51	3.3	<10	0.05	216	14	0.02	813	370	6	40	<20	6	<0.01	<10	21	<10	6	44
2	79000N 26000E N/S																													
3	79000N 26050E	<5	<0.2	1.94	20	110	<5	0.76	<1	15	35	58	3.42	<10	0.73	600	<1	0.04	26	380	16	<5	<20	65	0.14	<10	83	<10	10	60
4	79000N 26100E	<5	<0.2	1.66	20	80	<5	0.71	<1	13	29	45	3.16	<10	0.62	510	<1	0.04	20	300	14	<5	<20	58	0.14	<10	85	<10	9	49
5	79000N 26150E	<5	<0.2	1.99	20	100	<5	1.24	<1	12	25	32	2.74	<10	0.62	767	<1	0.03	18	380	20	<5	<20	93	0.12	<10	58	<10	8	63
6	79000N 26200E	5	<0.2	1.24	20	105	<5	5.23	<1	12	27	40	2.5	<10	0.98	506	<1	0.1	26	920	14	<5	<20	203	0.09	<10	70	<10	10	46
7	79000N 26250E	<5	<0.2	1.73	20	95	<5	0.67	<1	13	28	36	3.1	<10	0.51	490	<1	0.04	20	170	18	<5	<20	71	0.16	<10	73	<10	12	48
8	79000N 26300E	<5	<0.2	1.88	25	65	<5	3.3	1	16	25	51	3.39	<10	0.91	585	<1	0.04	16	890	18	<5	<20	155	0.17	<10	87	<10	11	56
9	79000N 26350E	<5	<0.2	3.92	45	85	<5	2.05	1	24	29	67	4.64	<10	1.61	830	<1	0.03	16	310	30	<5	<20	184	0.09	<10	101	<10	7	98
10	79000N 26400E	<5	<0.2	4.24	50	65	<5	2.68	1	22	28	78	4.24	<10	1.1	1094	<1	0.06	18	330	32	<5	<20	229	0.05	<10	87	<10	6	77
11	79000N 26450E	<5	<0.2	1.96	20	90	<5	0.84	1	14	24	29	3.32	<10	0.65	946	<1	0.04	17	240	22	<5	<20	88	0.16	<10	64	<10	10	112
12	79000N 26500E	<5	<0.2	2.43	30	125	<5	1.21	<1	14	17	20	3.07	10	0.61	751	<1	0.04	14	210	28	<5	<20	109	0.26	<10	50	<10	16	78
13	79000N 26550E	<5	<0.2	2.91	35	115	<5	1.49	1	22	32	45	4.68	<10	0.98	848	<1	0.05	17	210	26	<5	<20	134	0.24	<10	116	<10	11	90
14	79000N 26600E	<5	0.2	2.7	30	155	<5	1.28	1	22	45	52	4.83	10	1.21	568	<1	0.04	24	310	26	<5	<20	107	0.26	<10	92	<10	16	79
15	79000N 26650E	<5	<0.2	2.52	30	105	<5	1.01	<1	17	35	37	3.61	10	0.81	680	<1	0.04	20	280	20	<5	<20	102	0.21	<10	87	<10	13	71
16	79000N 26700E	<5	<0.2	2.59	30	115	<5	0.85	<1	16	34	36	3.67	10	0.76	559	<1	0.04	22	200	20	<5	<20	81	0.21	<10	85	<10	14	66
17	79000N 26750E	<5	<0.2	1.75	25	75	<5	0.6	<1	12	31	22	2.85	<10	0.53	370	<1	0.03	16	120	16	<5	<20	68	0.2	<10	72	<10	10	55
18	79000N 26800E	<5	<0.2	2.55	40	95	<5	1.07	<1	16	35	37	3.67	<10	0.79	569	<1	0.04	19	220	20	<5	<20	175	0.21	<10	86	<10	12	68
19	79000N 26850E	<5	<0.2	2.2	70	110	<5	0.82	<1	17	40	30	3.42	10	0.72	804	1	0.04	30	240	20	<5	<20	106	0.17	<10	87	<10	11	86
20	79000N 26900E	<5	<0.2	1.94	20	105	<5	0.7	<1	14	34	20	3.03	10	0.53	598	<1	0.03	23	180	18	<5	<20	73	0.18	<10	76	<10	12	69
21	79000N 26950E	<5	<0.2	1.72	20	90	<5	0.58	<1	12	30	18	2.83	10	0.42	401	<1	0.04	17	190	16	<5	<20	63	0.19	<10	74	<10	11	53
22	79000N 27000E	<5	<0.2	2.55	30	100	<5	0.78	<1	13	25	21	3.14	<10	0.48	712	<1	0.03	17	330	22	<5	<20	75	0.23	<10	69	<10	12	121
23	634301E 572823N "B"	530	0.8	0.32	250	35	<5	0.2	<1	23	1091	50	3.37	<10	0.05	221	15	0.02	840	360	6	45	<20	6	<0.01	<10	21	<10	6	44
24	634301E 572823N	5	<0.2	1.09	15	120	<5	0.39	<1	8	17	11	1.98	<10	0.28	815	<1	0.02	9	160	8	<5	<20	31	0.1	<10	50	<10	7	72
25	634261E 572849N	5	<0.2	1.39	15	90	<5	0.5	<1	9	17	12	2.24	<10	0.36	721	<1	0.02	9	180	12	<5	<20	43	0.13	<10	57	<10	7	62

14-Nov-06

ECO TECH LABORATORY LTD.
 10041 Dallas Drive
 KAMLOOPS, B.C.
 V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2006-1580

Appleton Exploration Inc.
 550 - 580 Hornby Street
 Vancouver, BC
 V6C 3B6

Phone: 250-573-5700
 Fax : 250-573-4557

No. of samples received: 181
 Sample Type: Soil
Project: Dora
 Submitted by: T. Johnson

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	80000N 26000E "B"	335	0.6	0.33	170	25	<5	0.13	<1	14	527	57	2.44	<10	0.09	149	7	0.02	451	300	6	20	<20	4	<0.01	<10	15	<10	4	48
2	80000N 26000E	5	<0.2	0.97	25	85	<5	0.98	<1	11	25	35	2.62	<10	0.66	553	<1	0.04	22	910	16	<5	<20	66	0.08	<10	56	<10	8	57
3	80000N 26050E-26550E N/S																													
4	80000N 26600E N/S																													
5	80000N 26650E N/S																													
6	80000N 26700E N/S																													
7	80000N 26750E	5	<0.2	0.96	20	35	<5	2.39	1	16	25	47	3.44	<10	0.85	764	<1	0.03	18	630	14	<5	<20	109	0.08	<10	66	<10	8	58
8	80000N 26800E	<5	<0.2	1.77	35	40	<5	1.65	2	30	31	65	5.45	<10	2.28	552	<1	0.1	29	380	28	<5	<20	209	0.15	<10	128	<10	5	84
9	80000N 26850E	<5	<0.2	2.01	20	105	<5	0.54	1	12	31	26	2.7	<10	0.44	456	<1	0.05	21	180	18	<5	<20	62	0.13	<10	61	<10	8	64
10	80000N 26900E	<5	<0.2	2.14	25	125	<5	0.65	1	12	34	26	2.69	<10	0.49	640	<1	0.04	21	300	18	<5	<20	70	0.15	<10	65	<10	7	89
11	80000N 26950E	<5	<0.2	2.46	25	140	<5	0.76	2	16	39	31	3.17	<10	0.63	1142	<1	0.05	27	220	16	<5	<20	70	0.16	<10	83	<10	10	87
12	80000N 27000E	<5	<0.2	1.91	20	130	<5	0.69	1	13	35	29	2.86	<10	0.49	849	<1	0.04	24	280	16	<5	<20	81	0.16	<10	78	<10	9	85
13	36900N 37900E "B"	130	0.2	0.78	155	35	<5	0.32	1	12	279	33	2.7	<10	0.17	202	4	0.02	222	350	12	15	<20	8	<0.01	<10	16	<10	7	59
14	36900N 37900E	<5	<0.2	1.57	15	105	<5	0.24	<1	7	16	17	1.81	<10	0.29	418	<1	0.02	10	1290	14	<5	<20	17	0.08	<10	47	<10	3	60
15	36900N 37950E	<5	<0.2	1.37	15	70	<5	0.17	<1	7	15	15	1.89	<10	0.27	478	<1	0.02	9	980	10	<5	<20	14	0.08	<10	49	<10	3	60
16	36900N 38000E	<5	<0.2	1.11	10	70	<5	0.32	<1	7	19	13	1.8	<10	0.33	281	<1	0.03	11	440	8	<5	<20	36	0.11	<10	47	<10	3	31
17	36900N 38050E	5	<0.2	1.95	20	130	<5	0.26	<1	9	18	12	1.84	<10	0.36	1160	<1	0.02	13	700	16	<5	<20	19	0.12	<10	45	<10	3	88
18	36900N 38100E	<5	<0.2	1.99	20	120	<5	0.26	1	9	20	17	2.19	<10	0.46	493	<1	0.03	14	850	14	<5	<20	23	0.12	<10	53	<10	3	66
19	36900N 38150E	<5	<0.2	2.14	20	100	<5	0.45	1	11	26	18	2.69	<10	0.51	358	<1	0.04	16	540	16	<5	<20	35	0.19	<10	69	<10	6	58
20	36900N 38200E	<5	<0.2	1.7	20	85	<5	0.38	1	10	16	17	2.64	10	0.54	438	<1	0.03	12	300	14	<5	<20	28	0.15	<10	60	<10	11	53
21	36900N 38250E	<5	<0.2	2.94	30	120	<5	0.5	2	12	49	20	3.12	10	0.76	606	<1	0.04	17	670	16	<5	<20	36	0.13	<10	77	<10	10	73
22	36900N 38300E	<5	<0.2	2.19	25	100	<5	0.48	1	12	24	22	3.27	<10	0.61	470	<1	0.04	15	570	18	<5	<20	40	0.2	<10	84	<10	10	61
23	36900N 38350E	<5	<0.2	2.07	20	145	<5	0.68	2	12	18	18	2.94	10	0.55	1093	<1	0.03	13	890	18	<5	<20	52	0.18	<10	68	<10	12	78
24	36900N 38400E	<5	<0.2	1.99	25	120	<5	0.94	1	15	31	23	3.12	20	0.71	746	<1	0.05	29	800	16	<5	<20	77	0.2	<10	75	<10	15	51
25	40500E 37400N "B"	125	0.3	0.78	160	35	<5	0.33	1	13	288	36	2.75	<10	0.18	203	4	0.02	229	360	10	20	<20	9	<0.01	<10	16	<10	7	61

17-Nov-06

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2006-1582

Appleton Exploration Inc.
550 - 580 Hornby Street
Vancouver, BC
V6C 3B6

Phone: 250-573-5700
Fax : 250-573-4557

No. of samples received: 197
Sample Type: Soil
Project: Dora
Submitted by: T. Johnson

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	79100N 26000E "B"	320	0.7	0.57	160	40	<5	0.15	1	18	691	83	2.8	<10	0.11	176	10	0.02	547	290	6	15	<20	6	<0.01	<10	17	<10	5	48
2	79100N 26000E	5	<0.2	1.91	20	110	<5	0.74	2	14	33	38	2.99	<10	0.64	723	<1	0.04	25	680	16	<5	<20	65	0.12	<10	76	<10	9	66
3	79100N 26050E	5	<0.2	1.93	20	95	<5	0.66	1	13	34	41	3.13	<10	0.59	505	<1	0.04	24	250	16	<5	<20	57	0.14	<10	76	<10	11	55
4	79100N 26100E	<5	<0.2	1.66	15	80	<5	0.63	1	13	28	28	2.84	<10	0.56	578	<1	0.04	17	250	12	<5	<20	60	0.16	<10	79	<10	9	60
5	79100N 26150E	5	<0.2	2.1	20	85	<5	0.88	1	15	31	41	3.25	<10	0.75	612	<1	0.05	21	330	16	<5	<20	90	0.18	<10	94	<10	9	61
6	79100N 26200E	10	<0.2	2.14	25	75	<5	0.9	2	16	31	56	3.48	<10	1.04	614	<1	0.04	21	390	18	<5	<20	75	0.16	<10	84	<10	9	68
7	79100N 26250E	5	<0.2	1.48	15	75	<5	0.56	1	12	30	34	2.84	<10	0.56	481	<1	0.04	22	200	12	<5	<20	51	0.15	<10	75	<10	9	54
8	79100N 26300E N/S																													
9	79100N 26350E	<5	<0.2	3.41	35	85	<5	1.69	2	20	31	70	3.7	<10	1.36	782	<1	0.04	34	350	22	<5	<20	229	0.16	<10	75	<10	8	65
10	79100N 26400E	5	<0.2	3.83	45	85	<5	1.35	3	26	32	76	5.57	<10	1.49	1027	<1	0.1	24	710	30	<5	<20	96	0.18	<10	68	<10	9	100
11	79100N 26450E	5	<0.2	4.21	80	155	<5	1.79	2	29	38	86	5.55	<10	1.7	974	<1	0.09	26	550	30	<5	<20	170	0.26	<10	82	<10	9	97
12	79100N 26500E	5	<0.2	4.87	50	170	<5	1.69	2	30	79	84	5.6	<10	1.4	1034	<1	0.04	30	310	32	<5	<20	157	0.3	<10	93	<10	9	92
13	79100N 26550E	5	<0.2	3.03	30	155	<5	0.91	1	13	17	19	2.81	<10	0.52	518	1	0.03	14	280	22	<5	<20	104	0.2	<10	42	<10	10	74
14	79100N 26600E	5	<0.2	3.86	40	125	<5	1.29	2	21	25	45	4.62	<10	1	1007	<1	0.05	17	340	28	<5	<20	126	0.23	<10	74	<10	9	89
15	79100N 26650E	5	<0.2	2.27	35	100	<5	1.42	1	13	5	19	3.03	<10	0.65	653	<1	0.02	6	650	24	<5	<20	88	0.26	<10	37	<10	14	89
16	79100N 26700E	5	<0.2	2.75	25	145	<5	1.23	1	14	15	40	3.26	<10	0.8	598	<1	0.04	14	610	22	<5	<20	140	0.2	<10	63	<10	12	66
17	79100N 26750E	<5	<0.2	2.42	30	100	<5	0.72	2	19	53	29	4.11	<10	0.89	567	<1	0.03	24	190	20	<5	<20	67	0.23	<10	108	<10	12	74
18	79100N 26800E	5	<0.2	2.35	35	115	<5	0.73	2	19	51	24	4.04	<10	0.87	713	<1	0.03	24	180	20	<5	<20	65	0.23	<10	108	<10	11	78
19	79100N 26850E	<5	<0.2	3.26	40	125	<5	0.99	2	21	63	36	4.41	<10	1.36	843	<1	0.03	27	280	24	<5	<20	83	0.22	<10	113	<10	11	93
20	79100N 26900E	5	<0.2	2.97	35	110	<5	0.97	2	18	53	32	4.01	<10	1.07	656	<1	0.03	22	210	22	<5	<20	87	0.24	<10	113	<10	12	77
21	79100N 26950E	5	<0.2	1.46	20	105	<5	0.52	1	12	28	17	2.6	<10	0.41	629	<1	0.03	18	200	14	<5	<20	58	0.17	<10	70	<10	8	56
22	79100N 27000E	<5	<0.2	1.3	15	90	<5	0.48	1	11	26	18	2.58	<10	0.37	537	<1	0.04	15	130	10	<5	<20	60	0.18	<10	74	<10	9	51
23	79200N 26000E "B"	125	0.3	0.68	155	30	<5	0.33	1	13	273	31	2.77	<10	0.16	203	4	0.02	220	360	8	20	<20	8	<0.01	<10	15	<10	6	58
24	79200N 26000E	5	<0.2	2.26	25	110	<5	1.07	1	16	34	56	3.29	<10	0.84	707	<1	0.04	28	710	18	<5	<20	87	0.14	<10	79	<10	9	64
25	79200N 26050E	5	<0.2	1.97	20	95	<5	0.8	1	15	34	40	3.24	<10	0.67	667	<1	0.04	23	340	16	<5	<20	65	0.16	<10	87	<10	10	66
26	79200N 26100E	5	<0.2	1.87	20	85	<5	0.77	1	14	30	42	3.18	<10	0.64	584	<1	0.04	21	360	16	<5	<20	75	0.15	<10	92	<10	11	62
27	79200N 26150E	<5	<0.2	2.55	30	75	<5	1.2	2	18	33	73	3.33	<10	0.9	716	<1	0.03	24	250	20	<5	<20	95	0.2	<10	83	<10	9	71
28	79200N 26200E	5	<0.2	2	20	105	<5	0.75	1	15	34	35	3.24	<10	0.62	664	<1	0.04	23	280	18	<5	<20	70	0.17	<10	87	<10	11	66
29	79200N 26250E	5	<0.2	1.84	40	80	<5	0.85	1	11	17	23	2.5	<10	0.45	1164	<1	0.03	14	380	18	<5	<20	75	0.16	<10	48	<10	10	79
30	79200N 26300E	5	<0.2	2.79	30	85	<5	1.42	1	18	33	53	3.34	<10	1.05	742	<1	0.03	22	530	22	<5	<20	111	0.17	<10	75	<10	8	73

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	
Standard:																															
GEO'06		1.3	1.06	85	45	<5	0.57	<1	11	61	23	1.98	10	0.52	315	<1	0.02	32	420	28	<5	<20	11	0.06	<10	38	<10	10	36		
GEO'06		1.4	1.08	80	40	<5	0.52	<1	12	62	21	1.99	10	0.59	295	<1	0.03	30	460	28	<5	<20	12	0.06	<10	38	<10	9	38		
GEO'06		1.5	1.14	85	45	<5	0.56	<1	11	62	19	2.06	10	0.57	310	<1	0.02	31	440	28	<5	<20	17	0.06	<10	39	<10	10	38		
GEO'06		1.3	1.16	85	40	<5	0.53	<1	13	60	19	2.07	10	0.58	310	<1	0.02	30	450	29	<5	<20	12	0.06	<10	39	<10	10	39		
GEO'06		1.5	1.08	85	45	<5	0.52	<1	11	61	19	1.99	10	0.59	311	<1	0.02	32	450	29	<5	<20	12	0.06	<10	39	<10	9	37		
GEO'06		1.4	1.03	85	40	<5	0.53	<1	13	61	19	2.03	10	0.59	313	<1	0.03	32	450	28	<5	<20	10	0.06	<10	39	<10	9	37		
OXE42	610																														
OXE42	610																														
OXE42	615																														
OXE42	600																														
OXE42	605																														
OXE42	615																														

JJ/kc/kk
df/n1582a/n1582b
XLS/06

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

11-Dec-06

ECO TECH LABORATORY LTD.

10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2006-1905

Appleton Exploration Inc.

550 - 580 Hornby Street
Vancouver, BC
V6C 3B6

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 5

Sample Type: Rock

Project: Clapperton

Submitted by: R. T. Henneberry

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	
1	290175	15	<0.2	4.18	20	50	10	1.58	<1	33	61	67	5.13	<10	2.1	816	<1	0.39	21	890	74	<5	<20	67	0.28	<10	173	<10	19	84	
2	290176	45	3.4	3.29	20	35	5	4.49	<1	32	84	56	5.12	<10	2.21	805	1035	0.07	31	1120	74	<5	<20	105	0.24	<10	161	<10	25	78	
3	290177	10	0.2	2.97	15	10	5	4.26	<1	17	46	33	2.77	<10	1.57	603	3	0.02	14	720	50	10	<20	86	0.04	<10	86	<10	10	58	
4	290178	60	<0.2	3.3	20	20	<5	4.64	<1	22	84	29	3.01	<10	1.46	633	<1	0.05	17	710	58	10	<20	76	0.17	<10	128	<10	10	53	
5	290179	10	0.3	5.12	20	25	<5	8.65	<1	19	41	61	2.87	<10	1.51	558	<1	0.18	15	720	108	10	<20	180	0.2	<10	109	<10	13	55	
QC DATA:																															
Repeat:																															
1	290175	10	0.2	4.08	15	50	15	1.56	<1	32	61	66	5.05	<10	2.04	802	<1	0.38	21	860	74	10	<20	64	0.26	<10	170	<10	19	84	
2	290176	50																													
4	290178	30																													
Resplit:																															
1	290175	15	<0.2	3.75	15	40	10	1.4	<1	32	55	67	4.89	<10	2	787	<1	0.3	20	890	68	<5	<20	58	0.27	<10	167	<10	18	86	
Standard:																															
Pb106		>30	0.52	270	80	<5	1.81	29	3	41	6319	1.39	<10	0.26	557	30	0.01	6	240	5230	60	<20	156	<0.01	<10	16	10	1	8498		
OXE42		610																													

ECO TECH LABORATORY LTD.

Jutta Jealous

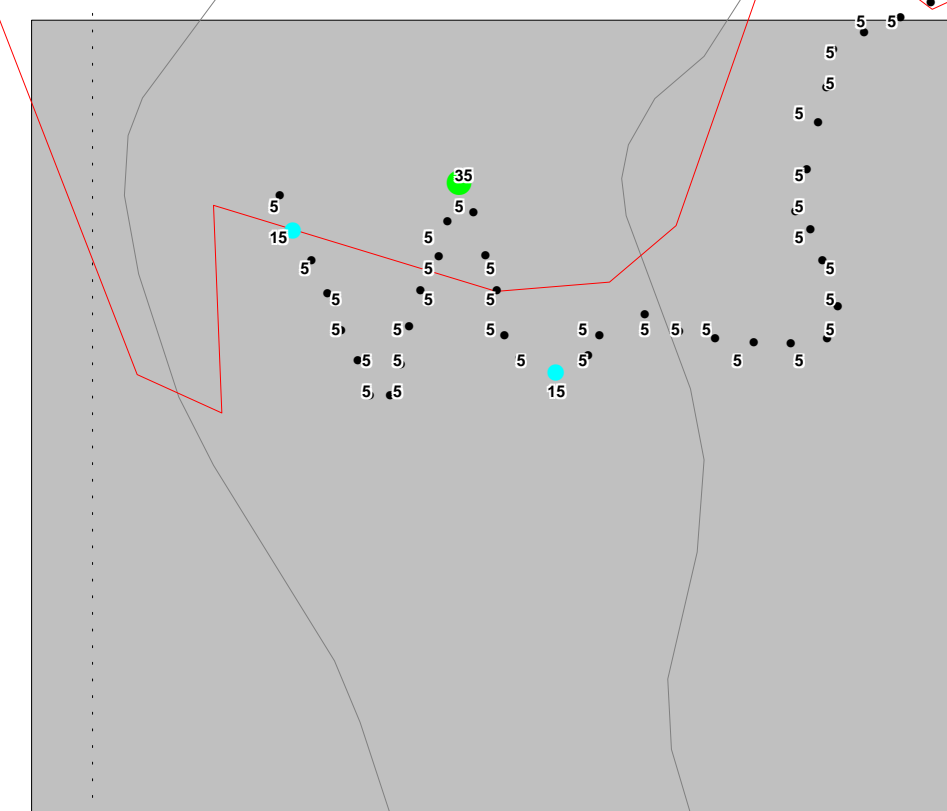
B.C. Certified Assayer


JJ/bp
df/1913
XLS/06

Clapperton 1 Soils
ppb Au

- 25 to 50 (3)
- 20 to 25 (2)
- 15 to 20 (2)
- < 10 (231)

Clapperton Grid



 APPLETON EXPLORATION INC.	
Date: 10/12/2007	Clapperton Property Phase 1 Soil Geochemist ppb Au
Author: RTM	
Office:	
Drawing: 0	
Scale: 1:10000	Projection: UTM Zone 10 (NAD 83)
