ROCK GEOCHEMICAL SAMPLING

PROGRAM ON THE

DON GROUP OF MINERAL CLAIMS

NTS MAP 93A/11

CARIBOO MINING DIVISION

B.C.

PREPARED FOR

CONSOLIDATED LOGAN MINES LTD.

VANCOUVER,B.C.

BY

WARREN ROBB P.Geo

#20-1328 BRUNETTE AVE

COQUITLAM,B.C.

MARCH 16, 1996

24390

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Summary

Between October 10 and 16 , 1995 Consolidated Logan Mines Ltd. conducted a rock geochemical sampling program on the Don Group of claims in the Cariboo Mining district. The propose of the sampling program was to investigate the gold bearing potential of the shales and shaley siltstones located on the property. In 1993 Cogema Resources Inc. had conducted a large trenching program on the CPW claim directly south of the Don group, the trenching program identified a zone of gold mineralization up to 30 meters wide and 150 meters along strike, the zone carried gold values in the 1-3 grams per tonne range and occurred in the same rocks that occur on the Don group.

A total of 132 rock samples were collected and sent for assays. Three anomalous areas were identified, the first area the dodge pit returned an average value of 746 ppb gold across 14 meters, the second area an eight meter section along the Spanish creek road returned an average value of 638 ppb gold, the third area the Don pit returned values that averaged 612 ppb gold over 13 meters. The program was designed to take as large a sample as possible in an attempt to decrease the nugget effect and most samples weighed approximately 2-3 kilograms. Despite the large sample size some concerns arise with the geochemical results, the reject portion of three individual samples that were rerun as a check by the lab returned values greater than the original. This would suggest that an alternative method of analysis should be employed in an attempt to gain the most accurate representation of the amount of gold present.

A two stage geochemical and trenching program is recommended for the property. The cost of this program is $240,000.00.

INTRODUCTION

This report , written at the request of Seamus Young, the President of the Company, is an assesement report of the rock sampling program conducted on the Don Group of claims, located in the Caribbo Mining District of British Columbia.

LOCATION AND ACCESS

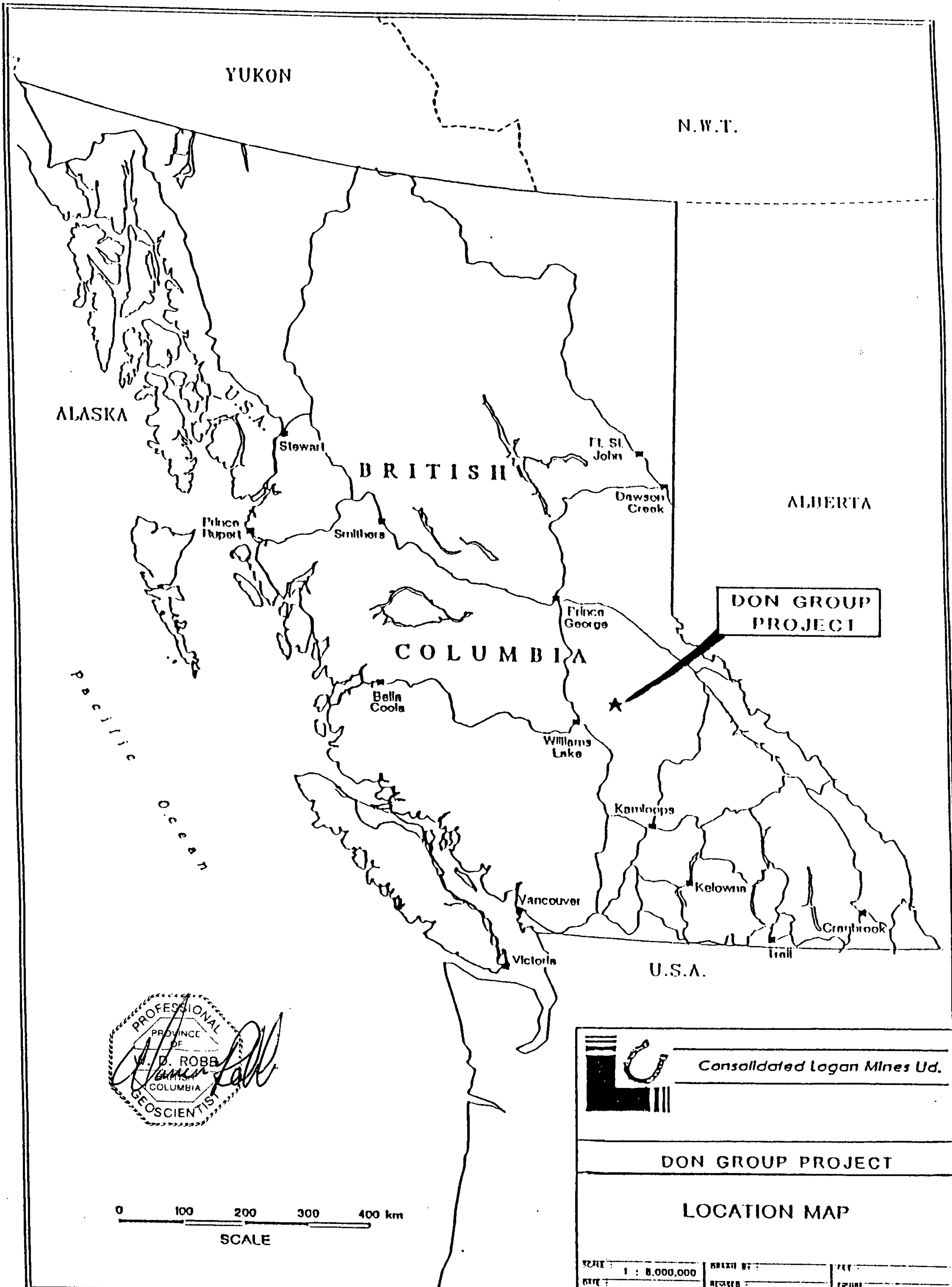
The Don group of claims are located on the north side of Spanish Mountain about 6 km east of the village of Likely in east-central British Columbia (Figure 1). Likely has a population of about 375 people, the primary industries include logging, placer mining, and tourism based on sport fishing and hunting. Local services include a small grocery store, gas station, several hotels and tourist lodges. A serviceable, gravel air strip is located about 4 km from the village centre. The property is accessed by a 10 km all weather gravel road from Likely. A four wheel drive track continues down to Spanish lake and along Spanish creek.

Williams Lake, the closest centre for skilled labour, is about 85 km by paved highway from Likely. It is the closest urban centre in the area with 11,000 residents. The main industries include agriculture, logging and the manufacturing of paper and wood products. Air B.C. provides daily commercial flights between Williams Lake and Vancouver (545 km). Daily bus and rail service is also available.

Kinross Gold Corporation's QR gold deposit (1.33 million tonnes grading 4.7 g/T Au) is located 25 km northwest of property is in production. Imperial Metal's Mt. Polley porphyry copper-gold deposit (54 million tonnes grading 0.38% Cu and 0.016 oz/t Au) is located 13 km west. Positive feasibility studies and Mining Certificate applications have been completed on the Mt. Polley deposit, however, project financing is required before production decisions is made. The active Gibraltar open pit porphyry copper mine is located about 65 km north of Williams Lake. In 1992, this mine produced 71 million pounds of copper in concentrate from 14 million tons grading 0.34 % copper.

PROPERTY DESCRIPTION

The property is centered at 52°36'N latitude, 121°28'W longitude. The property is covered by mature stands of timber dominated by lodge pole pine, red cedar, balsam with lesser spruce and cottonwood. Elevations range from 925 m at Spanish Lake to 1420 m on the crest of Spanish Mountain. The area is well drained to the north by Spanish Creek which is deeply incised towards its mouth. Only small streams drain the flanks of Spanish Mountain.


YUKON
N.W.T.
ALASKA
U.S.A.
Stewart
BRITISH
COLUMBIA
Ft. St. John
Dawson Creek
ALBERTA
Prince Rupert
Smithers
Prince George
DON GROUP PROJECT
Bella Coola
Williams Lake
Pacific Ocean
Kamloops
Kelowna
Vancouver
Cranbrook
Trail
Victoria
U.S.A.
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BRITISH COLUMBIA
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0
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Consolidated Logan Mines Ltd.
DON GROUP PROJECT
LOCATION MAP
1 : 8,000,000
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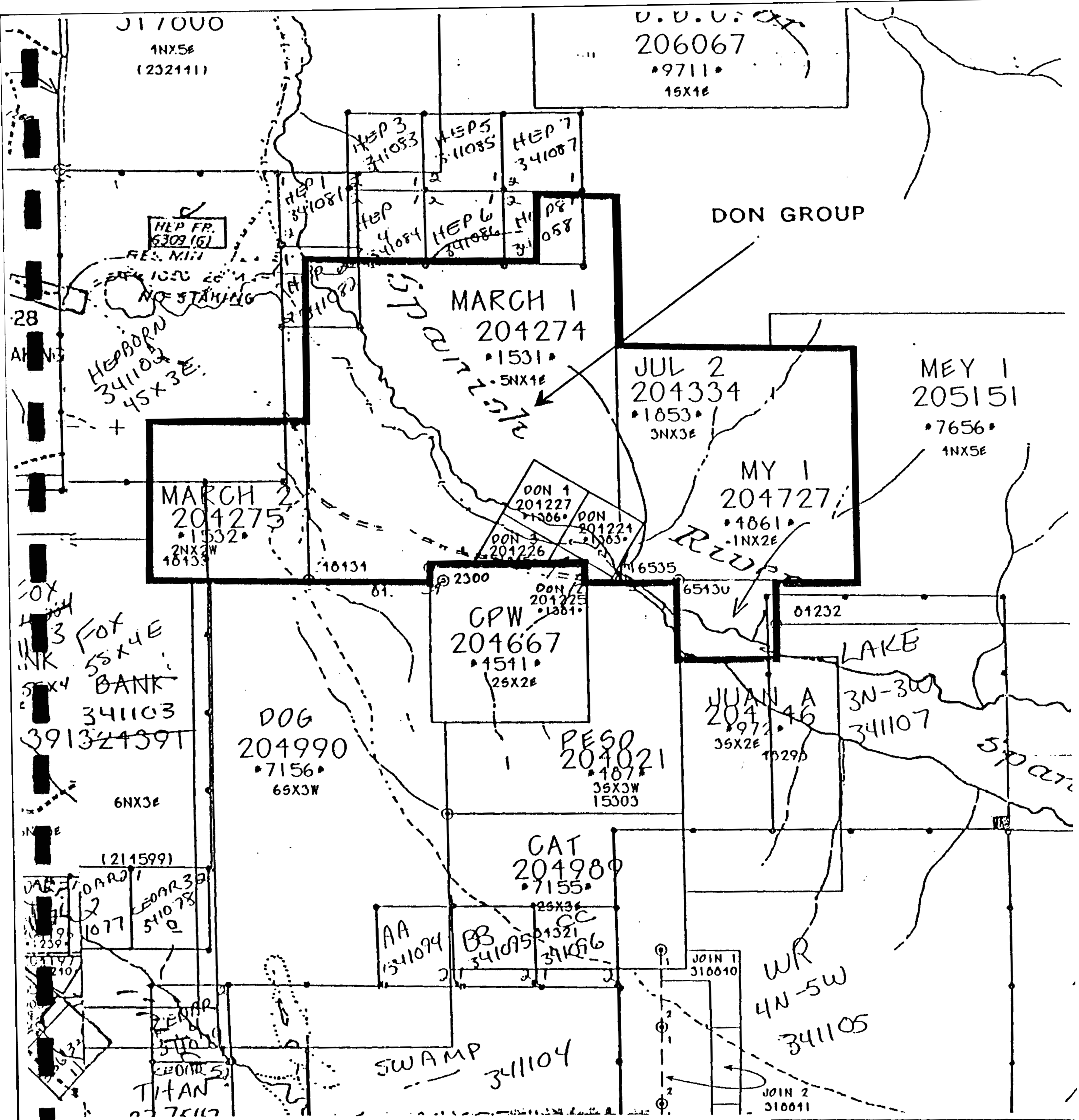
FIGURE1

CLAIM STATUS

The Don group consists of 4 two post and 6 modified grid mineral claims totalling 39 units and covering an area of 100 hectares. The claims are located in the Cariboo Mining division and are located on N.T.S. map sheets 93A 11/W (fig 2). The claims are presently optioned to Consolidated Logan Mines Ltd.

TABLE 1

CLAIM	UNITS	TENURE NUMBER	OWNER	EXPIRY DATE
DON 1	**1**	**204224**	**D.MICKLE**	**DEC 24,1996**
DON 2	**1**	**204225**	**D.MICKLE**	**DEC 24,1996**
DON 3	**1**	**204226**	**D.MICKLE**	**DEC 24,1996**
DON 4	**1**	**204227**	**D.MICKLE**	**DEC 24,1996**
MARCH 1	**20**	**204274**	**R.MICKLE**	**MAR 17,1996**
MARCH 2	**4**	**204275**	**R.MICKLE**	**MAR 17,1996**
MY 1	**2**	**204727**	**D.MICKLE**	**MAY 30,1996**
JUL 2	**9**	**204334**	**D.MICKLE**	**AUG 8,1996**



From Mineral Titles Map 93A11W

METRES

500 0 500 1000 1500 2000

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CLAIM MAP

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FIGURE 2

EXPLORATION HISTORY

The Cariboo mining district area has been British Columbia's largest, active placer mining area for over a century. Since 1860, the district has produced 75,000 to 100,000 kg of gold (2.5 to 3 million ounces) (Levson and Giles, 1991). Some of the principal placer deposits in the Spanish Mountain region include the Bullion (140,000 ounces), Cedar Creek (35,000 ounces) McKeown, Big Valley and Quesnel Forks pits.

A number of bedrock gold occurrences also occur in the Likely area, many of which were probably discovered during the Cariboo Gold Rush or shortly thereafter. Records of this early work are lacking. One of the earliest reports is of several short adits being excavated on flat veins on the CPW claim in 1939 (Tribe, 1979). Since the early 1980s, the Likely area and the CPW claim in particular, have been the focus of considerable exploration attention. In excess of $2,200,000 worth of exploration work has been filed as assessment.

Work in the early 1980s concentrated on soil geochemistry culminating with the 1984, Mt. Calvery program of geological mapping, prospecting, soil sampling and trenching throughout the Likely area . The geochemical survey included 7,440 samples of the 'B' horizon (Schmidt, 1984b) analysed for Au, Ag, Cu and As. This systematic work was instrumental in defining a number of northwest trending anomalies.Encouraged, Mt. Calvery focused their attention on the CPW and Don claims completing a number of trenching and diamond drilling programs in 1985. In 1987/88 Pundata Gold Corporation continued trenching and drilling on the property. These programs (1985 - 1988) included 4,925 m of diamond drilling, 5,002 m of reverse circulation drilling and 911 m of percussion drilling. In excess of 4,493 m of trenching and numerous other pits were excavated. Reserve estimates were prepared and metallurgical test work initiated. VLF, magnetometer and IP surveys have been completed on parts the property.

In 1993 Cogema Resources Inc. conducted a trenching program over the CPW claim and identified a shaly siltstone unit that returned values in the 1-3 gram per tonne gold with a maximum width of 30 meters and strike length of 150 meters.

REGIONAL LITHOLOGICAL AND STRUCTURAL SETTING

The Likely area is bounded by the Cariboo and Quesnel Rivers to the north and west, Quesnel Lake to the south and Blackbear Mountain to the northeast (Figure 3). It straddles the northwest-southeast trending contact between the Intermontane and Omineca Belts. To the northeast the Omineca Belt consists of upper Proterozoic and Paleozoic metasediments of the Snowshoe Group and Paleozoic granitic intrusive rocks (Quesnel Lake Gneiss). These rocks are interpreted to represent ancestral North America. In contrast, the Intermontane Belt consists of upper Paleozoic metamorphosed basaltic and ultramafic rocks (oceanic crust) overlain by the lower Mesozoic Takla Group. Together, these upper Paleozoic and lower Mesozoic rocks form the Quesnel terrane, or Quesnellia.

The lower part of the Middle Triassic to Lower Jurassic Takla Group is dominated by basinal sedimentary rocks, beginning with black slate (Black Phyllite) followed by a mixture of siltstone, shale and tuff. This sedimentary succession is gradually succeeded by a more volcanic-rich succession characterizing the upper part of the Takla Group, including basaltic volcanic and volcaniclastic rocks and some sedimentary rocks, of island arc origin.

The following description is based largely on the work of Rees (1987), whose doctoral thesis documents the geology of the area. Observations made during the present work are consistent with Rees's interpretations and have been integrated with his existing data base.

The overall depositional environment of the Takla Group is interpreted to be an island arc made up of numerous coalesced volcanic centres, linked by extensive submarine volcaniclastic aprons and incised by channels (Figure 4). These rocks conformably overlapped and interdigitated with hemipelagic mud and silt in an adjacent oceanic basin. Fine grained massive tuffs and locally coarser volcaniclastic rocks occur within the dominantly sedimentary succession. Contacts between the major stratigraphic units are gradational and reflect how the island arc volcanics graded northeasterly into the sedimentary basin.

There is a marked strain and metamorphic gradient across the boundary between the two belts. Omineca Belt rocks are highly strained by several phases of deformation, under low to high metamorphic conditions (garnet, staurolite, kyanite). These effects diminish towards the southwest but transgress the terrane boundary, across which metamorphic grade is low or very low (prehnite-pumpellite, greenschist), and deformation is characterized by open to moderate folds and later faults.

The deformation in the region is dominated by three consecutive, but overlapping phases. The first phase (D_1) was the northeast thrusting (obduction) of the Quesnel terrane onto the Snowshoe Group and Quesnel Lake Gneiss (Omineca Belt), forming the Quesnel Lake Shear Zone (also known as the Eureka thrust). The most prominent fabric associated with this event is the development of bedding parallel cleavage (S_{0-1}). This cleavage is best developed in the sedimentary rocks north of the property. It is characterized by a commonly irregular bedding plane fissility. In most cases no distinction has been made between S_0 (bedding) and S_1 as they are generally parallel.

The second major phase of deformation (D_2) deformed the coupled Quesnel terrane and Snowshoe Group into southwesterly-verging sub-recumbent folds with gentle, dominantly northwest plunges. Numerous, smaller parasitic folds occur along the limbs of these major structures. D_2 deformation post dates D_1 thrusting, and folds the Quesnel terrane and the Omineca Belt boundary. At the outcrop scale S_2 is developed as a crenulation of S_{0-1}. Like S_1, the intensity of S_2 cleavage development increases towards the northeast as structural depth and metamorphic grade increases in this direction.

The third phase of deformation (D_3) tightens up some D_2 folds and warps D_2 axial surfaces and is interpreted to be post metamorphic (Rees, 1987). This deformation is characterized by crenulation (S_3) of pre-existing foliations, flexural slip-like warps and corrugations of compositional layering and of F_2 folds. Axial surfaces are overturned to the southwest or northeast but are never recumbent; they dip moderately to steeply and trend consistently northwest-southeast. Structures produced during this phase of deformation, although suspected, were not clearly distinguished in the field during this present work.

It is worth noting that the distinction made here between D_1, D_2, and D_3 structures is an attempt to classify structural styles which are characteristic of distinct phases of a progressive, dynamic deformation caused by southwest-northeast compression. This deformation includes thrusting (obduction) of the Quesnel terrane onto the Omineca Belt (D_1) followed by later backfolding of the entire package including the thrust itself (D_2). Where possible, structures observed in the field have been categorized according to this scheme, however a variety of structures defy simple, certain recognition. This is to be expected in an area of heterogeneous rock types which have experienced a prolonged episode of regional deformation.

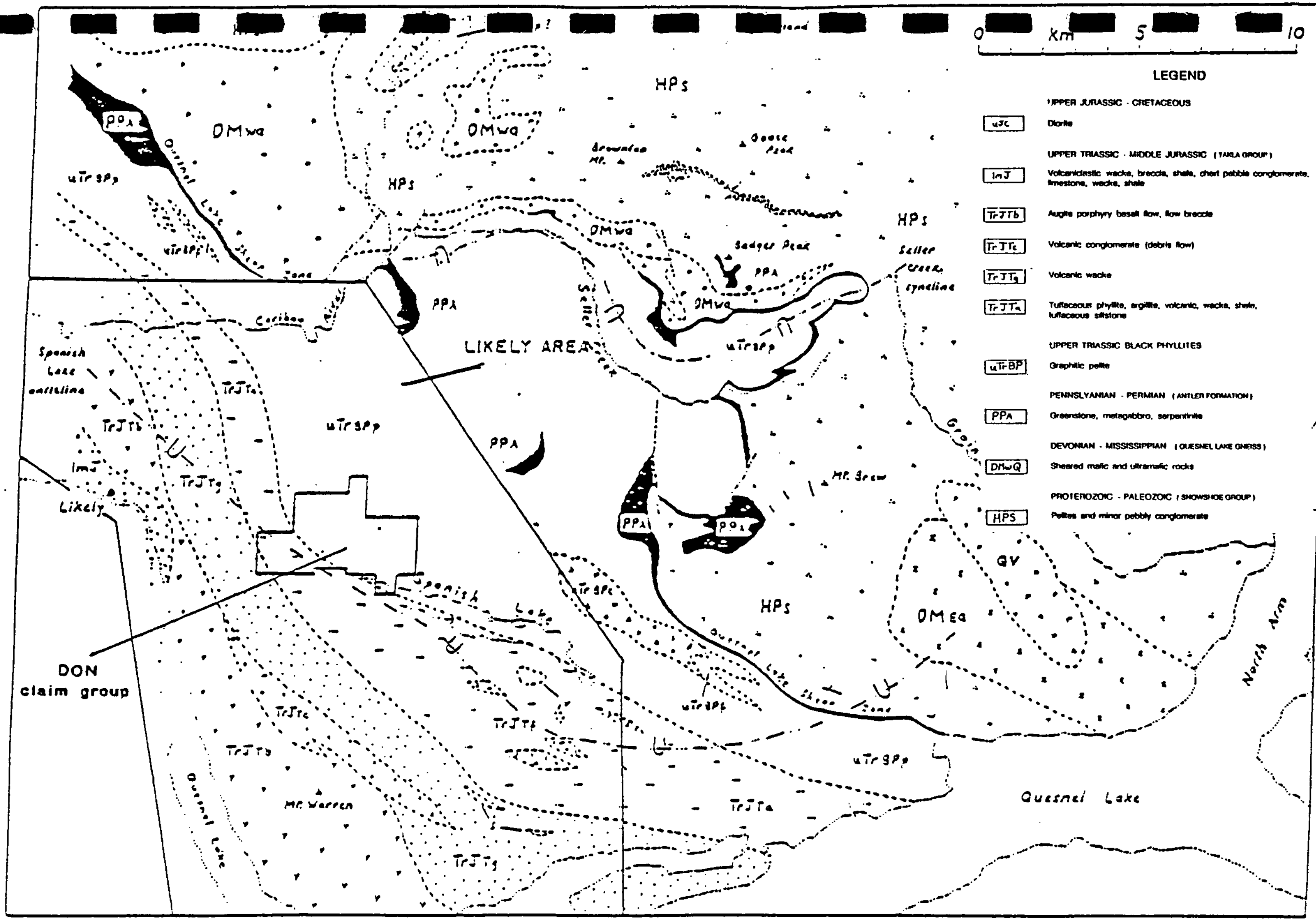

Figure: 3 Regional geological setting (after Rees, 1987)

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REGIONAL GEOLOGY

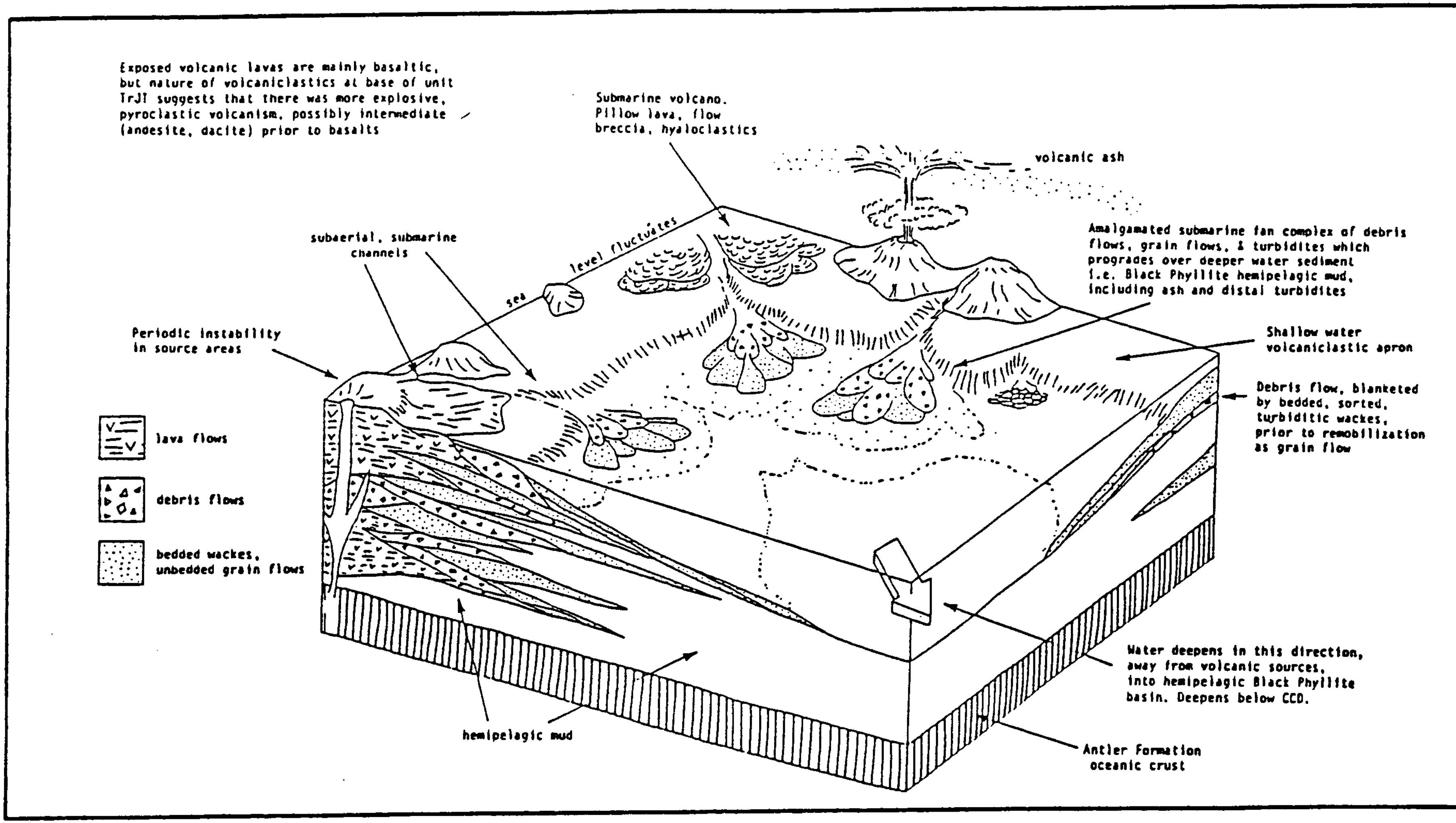

Figure 4 Depositional environments of the various facies of part of the Takla Group in the Quesnel Lake Area, After Rees, 1987.

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DEPOSITIONAL ENVIRONMENT of QUESNEL LAKE AREA

REGIONAL GOLD MINERALIZATION

Based on stratigraphic position, vein morphologies, alteration and local structures, all of the gold occurrences within the region may be classified as either extensional veins occurring in sedimentary rocks, or shear veins occurring in volcanic flows and wackes.

The extensional vein type of gold mineralization is confined to the sedimentary succession and occurs in mixed lithologies including the Black Phyllite, siltstones, tuffs and shales. Vein assemblages consist of quartz-carbonate±sericite. Carbonate fibre growths, marginal selvages and pods are locally common, but not ubiquitous. The veins are most commonly planar with pointed tips. The veins occur at all scales, typically ranging from tens of centimetres to tens of metres in strike length. Vein widths are generally less than 0.5 metres. Sulfides (up to 10%) where present occur in an assemblage of pyrite-galena±chalcopyrite±sphalerite. The sulfides tend to be concentrated towards the vein margins and locally associated with fibre growth. In general, the sulfide mineralization has a heterogeneous distribution within the veins occurring as local blebs and pods. Pyrrhotite is associated with mineralization at Frasergold. Tourmaline occurs in some of the veins at Hobson. Local alteration halos at the vein scale are either not present, or not recognized at most of the occurrences of this type of mineralization.

The shear vein type of gold mineralization is confined to the volcanic rocks, locally derived fragmentals and wackes which stratigraphically overlie the sedimentary succession. The veins are locally banded and tend to occur in small bifurcating swarms. The vein assemblage consists of quartz and carbonate. Pyrite was the only sulfide identified in the veins. The veins are locally associated with narrow, high strain zones. Alteration adjacent to the veins is pronounced and include enveloping halos of rusty weathering, pervasive carbonatization at the metre scale and disseminated fine grained pyrite (up to 5 %) at the decimetre scale.

LOCAL PROPERTY GEOLOGY

Lithologies

The rocks exposed on the property have been mapped as two different lithologies: siltstone, and shale . The rocks are interbedded and there appears to be as well frequent lateral facies changes. All the rocks are variably altered to an assemblage dominated by carbonate minerals and pyrite. All rocks have been metamorphosed to lower greenschist facies and folded and faulted.

The siltstone has massive, bedded and laminated varieties. The rocks are grey to black when fresh. The rocks are typically microcrystalline, however thin fine grained sandy layers do occur locally.

The shale is thinly bedded, graphitic and black. Locally silty shale units also occur.

Several quartz veins occur on the property. The veins range in thickness from 1 to 30 centimetres, generally they strike north to north east and dip gently to the east. Locally these veins contain galena and pyrite and chalcopyrite.

No intrusive rocks of significance (dykes, sills) were recognized during this work.

Structure

The structure of the property is dominated by the Spanish Lake Anticline, a major D_2 structure. It is a large southwest verging fold with a gentle northwest plunge. The axial surface trace cuts at a low angle across the trend of Spanish Mountain. The result is that the Don group lies on the right-way-up limb of the fold. S_{0-1} is commonly well developed throughout the sedimentary rocks. In less competent lithologies (thinly bedded siltstones, and shales) it is characterized by a locally pronounced bedding plane fissility. In more competent lithologies (massive siltstones) S_{0-1} is poorly developed, although bedding may be locally identified. Abrupt strike and dip reversals of S_{0-1} occur locally which are interpreted to be indicative of minor parasitic folds. Although bedding (S_{0-1}) measurements are easily afforded, sedimentary top information is lacking. Nowhere on the Don group topping directions been identified by this author or previous workers.

Deformation is commonly intensified in the less competent rocks (shales) adjacent to lithologic contacts.

Alteration

Most of the rocks in the sedimentary succession are pervasively hydrothermally altered. Weathering of these altered rocks generally produces thick rinds, rusty pits and stains. The distribution and character of the altered rocks are interpreted to be the result of widespread hydrothermal fluid circulation throughout the sedimentary succession.

Carbonatization in the sedimentary rocks (siltstones and shales) is characterized by large (up to 1 cm) rounded to elliptical porphyroblasts of either siderite or ankerite ("nodular phyllite"). They may account for up to 10 % of the mode. In areas of higher strain the porphyroblasts show evidence of rotation and flattening associated with the S_2 cleavage.

Mineralization

Disseminated pyrite is common in the sedimentary succession and is characterized by euhedra up to 2 cm in size. Coarse pyrite is particularly common in the siltstones and shales. In addition to coarse grained pyrite, fine grained pyrite is present in all rock types. It has been suggested that two generations of pyrite may be present and that the coarser euhedra are most directly related to veining. Evidence documenting this interpretation is lacking. Quartz infilled pull-aparts and pressure shadows are locally present suggest that at least some deformation post-dated pyrite growth.

Quartz veins occur throughout the property and range in thickness from a few millimetres 20 centimetres. Mineralization occurring in the quartz veins consist of galena, pyrite and occasional malachite. These sulfide minerals occur along vein margins, and as patches.

1995 ROCK SAMPLING PROGRAM

Between October 10 and 16 , 1995 Consolidated Logan Mines Ltd. undertook a small scale Rock sampliing program on the Don group. The program consisted of locating and sampling outcrop located in the old placer workings and along an old road located on the south side of Spanish creek. The purpose of the program was to investigate the gold bearing potential of the shales and siltstones located in this area. Pervious work on the CPW claim located immediately south of the Don group had identified a stratibound zone of gold mineralization with values of 1 gram per tonne gold with widths of up to 30 meters and a strike length of 150 meters occurring in similiar rocks.

The sampling procedure consisted of marking the outcrop in 1 meter intervals along a line and then marking a box that would measure 1 square meter. The rock contained within the marked area would then be sampled. Most samples taken weighed between 2 and 3 kilograms. The reason for taking such large samples was an attempt to decrease the nugget effect. No detailed structural in formation was taken as the majority of samples were taken along the strike of lithology. Several quartz veins were encountered during the sampling since the focus of the program was to test for possilbe bulk tonnage potential the vein material was not sampled separately.

1995 ROCK SAMPLING RESULTS

A total of 132 samples were collected, the sample locations are shown on map 1. The sample were sent to Acme analytical laboratory in Vancouver and were analysed using a 32 element ICP with a AA finish for gold (appendix). The samples are shown in table 1 which gives descriptions and gold values in ppb.

Three areas returned anomalous gold values these areas are the dodge pit, the don pit and a eight meter section along the Spanish creek road. The dodge pit samples contain a fourteen meter section which averaged 746 ppb gold the samples encompass a 30 centimetre quartz vein, the highest values obtained occur from the samples containing the quartz vein (1117ppb)and the pannels immediately adjacent to the quartz vein (3415 and 998 ppb respectively). An eight meter section of samples collected along the Spanish creek road returned values which averaged 638 ppb gold, no significant quartz veins occurred in this section of sampling although small stringers of quartz were present.
Samples taken from the Don pit returned values that averaged 612 ppb over 13 meters, the two highest samples returned values of 1803 and 1902 ppb gold. Sample 95-35 taken below the dodge pit returned values of 1235 ppb gold this sample contained three intersecting quartz veins unlike the samples from the dodge pit the adjacent samples were not anomalous.

Some problems may exist with the method of sample prep. From the information received from Acme analytical labs several samples are rerun as a check on accuracy, in addition to these check samples the reject of the sample is tested. The samples of interest are 95-10,95-57,95-92, in each of these samples the reject returned values twice as high as the previous two tests. This suggests that the gold that is present is quite coarse and that the values obtained from conventional assaying techniques may not accurately represent the amount of gold present.

CONCLUSION

The 1995 geochemical sampling program conducted on the Don group of claims identified three areas containing anomalous gold values. From these three areas it can be concluded that the potential for gold mineralization exists on the Don group. The mineralization is contained within a shaly silstone to shale unit, and the presence of quartz veins crosscutting this unit can locally increase the gold mineralization. The method of analysing the samples must be reviewed as in three cases the rejects returned values greater than the prepped samples.

RECOMMENDATIONS

In order to properly evaluate the gold bearing potential of the Don group a two stage exploration program is costing $220,000.00 is recommended. The first stage of exploration should include consolidating the Don group with the CPW claim and all adjacent properties. Detailed geological mapping of the properties showing all roads, trails, old workings. A ground soil geochemical survey , lines spaced 100 meters apart and samples collected every twenty five meters. The grid should be orientated parallel to the general strike of the lithology with cross lines being perpendicular. Stage 2 should consist of trenching all anomalies encountered in stage one the trenching should cut stratigraphy at right angles as this would afford the most useful geological information with the least amount of surface disturbance.

PROPOSED EXPLORATION BUDGET

Stage 1

Geological mapping and sampling

Mob, demob costs includes field equipment	$ 10,000.00
Geologist 60 days @ $375.00/day	$ 22,500.00
Prospector 60 days @ $300.00/day	$ 18,000.00
3 Field Technicians 60 days @ 275.00/man/day	$ 49,500.00
Geochemical survey 2000 samples @ $ 20.00/sample	$ 40,000.00
Truck rental and fuel	$ 3,500.00
Meals @ $45.00/man/day	$ 5,400.00
Accommodations 60 days	$ 6,000.00
TOTAL STAGE 1	**$154,900.00**

Stage 2

Trenching	$ 40,000.00
Geologist 30 days @ $375.00/day	$ 11,250.00
Geochemical 500 samples @ $20.00/sample	$ 10,000.00
Accommodation and meals 30 days	$ 4,350.00
TOTAL STAGE 2	**$ 65,600.00**
SUBTOTAL FOR STAGE 1 AND 2	**$220,500.00**
Contingency	$ 19,500.00
TOTAL	**$240,000.00**

STATEMENT OF COSTS

W.Robb P.Geo. 5 days @ 300.00/day	$ 1,500.00
J. Donaldson Prospector 5 days @ $250.00/day	$ 1,250.00
Truck rental 5 days @ $100.00/day	$ 500.00
Fuel	$ 350.00
Accommodations	$ 250.00
Meals	$ 280.00
Analysis 132 samples @ 15.00/sample	$ 1,980.00
TOTAL	**$ 6,110.00**

STATEMENT OF QUALIFICATIONS

I, Warren Robb of #20-1328 Brunette Avenue, Coquitlam, B.C. do hereby certify that:

1. I am a graduate (1987) of the University of British Columbia, with a Bachelor of Science degree in Geological Science.

2. I have practiced my Profession of Mining exploration for the past 8 years in Canada, United States and South America.

3. I am a consulting geologist. I am a registered member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia.

4. I have not received nor do I expect to receive any interest either direct or indirect in the properties and securities of Consolidated Logan Mines Ltd.

Dated in Vancouver , British Columbia this 16th day of March 1996.

Warren D. Robb P.Geo

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BRITISH COLUMBIA
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APPENDIX

DON GROUP ROCK SAMPLES TABLE 2

SAMPLE #	LOCATION	DISCRIPTION	Au ppb
95-1	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	565
95-2	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	129
95-3	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	190
95-4	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	383
95-5	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	3415
95-6	DODGE PIT	1 x 1 metre chip of shaly siltstone contains Xcutting quartz veins minor patches of galena and malachite	1117
95-7	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	998
95-8	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	786
95-9	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	829
95-10	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	695
95-11	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	286
95-12	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	577
95-13	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	211
95-14	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	273
95-15	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	101
95-16	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	163
95-17	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	730
95-18	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	55
95-19	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	19
95-20	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	14
95-21	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	35
95-22	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	17
95-23	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	24
95-24	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	37
95-25	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	8
95-26	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	6
95-27	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	7
95-28	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	17
95-29	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	41
95-30	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	10
95-31	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	25
95-32	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	12
95-33	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	133
95-34	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	192

DON GROUP ROCK SAMPLES TABLE 2

SAMPLE #	LOCATION	DISCRIPTION	Au ppb
95-35	DODGE PIT	1 x 1 metre chip of shaly siltstone contains three intersecting quartz veins	1235
95-36	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	90
95-37	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	30
95-38	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	40
95-39	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	56
95-40	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	108
95-41	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	102
95-42	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	102
95-43	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	63
95-44	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	108
95-45	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	47
95-46	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	24
95-47	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	146
95-48	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	92
95-49	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	12
95-50	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	76
95-51	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	634
95-52	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	79
95-53	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	138
95-54	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	60
95-55	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	263
95-56	DODGE PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	234
95-57	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	200
95-58	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	445
95-59	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	2030
95-60	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	260
95-61	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	574
95-62	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	456
95-63	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	679
95-64	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	460
95-65	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	168
95-66	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	94
95-67	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	68
95-68	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	47

DON GROUP ROCK SAMPLES TABLE 2

SAMPLE #	LOCATION	DISCRIPTION	Au ppb
95-69	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	81
95-70	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	14
95-71	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	583
95-72	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	77
95-73	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	122
95-74	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	68
95-75	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	55
95-76	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	54
95-77	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	110
95-78	SPCK ROAD	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	182
95-79	SPCK ROAD	4 x 4 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	12
95-80	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	150
95-81	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	186
95-82	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	270
95-83	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	148
95-84	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	110
95-85	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	88
95-86	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	741
95-87	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	240
95-88	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	202
95-89	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	286
95-90	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	799
95-91	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	530
95-92	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	1803
95-93	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	1902
95-94	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	435
95-95	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	26
95-96	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	353
95-97	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	116
95-98	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	532
95-99	DON PIT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	134
95-112	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	13
95-113	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	11
95-114	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	111

DON GROUP ROCK SAMPLES TABLE 2

SAMPLE #	LOCATION	DISCRIPTION	Au ppb
95-115	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	27
95-116	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	17
95-117	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	26
95-118	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	25
95-119	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	68
95-120	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	24
95-121	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	14
95-122	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	16
95-123	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	18
95-124	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	35
95-125	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	10
95-126	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	39
95-127	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	63
95-128	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	43
95-129	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	22
95-130	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	42
95-131	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	34
95-132	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	37
95-133	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	30
95-134	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	35
95-135	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	23
95-136	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	24
95-137	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	16
95-138	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	13
95-139	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	15
95-140	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	8
95-141	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	12
95-142	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	12
95-143	ROAD CUT	1 x 1 metre chip of shaly siltstone pervasive carbonate altertion with relict casts of pyrite cubes	14

[redacted] ACME ANAL[redacted]CAL [redacted]ORAT[redacted]ES LTD. [redacted]2 E[redacted]STIN[redacted] ST. [redacted]COU[redacted]BC [redacted] 1R[redacted] P[redacted]E(60[redacted]3-3[redacted] FA[redacted]04)[redacted]171[redacted]

GEOCHEMICAL ANALYSIS CERTIFICATE

Consolidated Logan Mines Ltd. File # 95-4294 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppb
95-1R	45	68	44	565	.7	92	13	498	4.12	159	<5	<2	7	14	3.2	2	<2	14	.12	.043	11	9	.04	75	<.01	3	.29	.01	.19	<2	<5	<1	565
95-2R	39	73	54	537	.5	74	8	449	3.50	101	<5	<2	9	14	2.6	3	<2	14	.11	.045	12	9	.04	72	<.01	3	.28	.01	.17	<2	<5	<1	129
95-3R	28	76	21	567	.6	91	9	734	3.04	95	<5	<2	6	15	3.4	3	<2	10	.12	.044	9	9	.04	77	<.01	4	.29	.01	.18	<2	<5	<1	190
95-4R	44	72	26	584	.5	79	15	449	4.45	148	<5	<2	9	13	4.2	3	2	14	.10	.049	14	8	.03	90	<.01	4	.34	.01	.22	<2	<5	<1	383
95-5R	43	78	60	583	1.9	97	14	609	4.79	186	<5	<2	8	12	5.2	2	<2	10	.09	.045	11	8	.03	83	<.01	4	.26	.01	.18	<2	<5	<1	3415
95-6R	41	479	4078	734	6.3	84	12	663	4.16	138	<5	<2	6	12	5.2	9	3	9	.08	.040	8	11	.02	63	<.01	4	.20	<.01	.15	<2	<5	<1	1117
95-7R	19	124	79	289	.4	37	5	272	1.75	62	<5	<2	2	6	2.1	3	<2	6	.04	.018	4	5	.01	35	<.01	<3	.12	<.01	.07	<2	<5	<1	998
95-8R	43	104	39	779	1.0	92	10	665	3.90	123	9	<2	8	16	4.5	3	<2	13	.11	.046	11	9	.03	80	<.01	4	.30	.01	.20	<2	<5	<1	786
95-9R	42	95	66	750	.7	83	10	572	3.83	124	<5	<2	7	15	4.3	5	<2	12	.10	.043	10	9	.03	71	<.01	3	.26	.01	.17	<2	<5	<1	829
95-10R	33	82	74	595	.5	85	14	802	4.11	92	<5	<2	8	18	4.0	<2	<2	11	.12	.054	14	9	.04	84	<.01	3	.31	.01	.20	<2	<5	<1	296
RE 95-10R	32	81	72	594	.6	85	14	799	4.09	89	<5	<2	6	18	4.3	<2	<2	11	.12	.054	13	11	.04	83	<.01	3	.31	.01	.20	<2	<5	<1	333
RRE 95-10R	40	101	86	687	.8	100	17	910	4.78	117	<5	<2	8	18	5.0	<2	<2	12	.12	.057	14	9	.04	91	<.01	4	.33	.01	.21	<2	<5	<1	695
95-11R	36	72	32	436	.5	63	9	338	3.77	113	7	<2	8	15	2.7	<2	<2	8	.11	.050	13	9	.04	67	<.01	3	.28	.01	.17	<2	<5	<1	286
95-12R	51	87	40	441	1.1	71	10	383	3.93	156	<5	<2	9	16	2.4	<2	<2	13	.12	.052	14	10	.04	86	<.01	4	.35	.01	.22	<2	<5	<1	577
95-13R	56	116	39	498	.8	109	21	824	5.25	159	<5	<2	8	20	3.7	<2	2	12	.14	.065	15	9	.05	89	<.01	6	.37	.01	.21	<2	<5	<1	211
95-14R	59	78	42	494	.7	99	16	661	4.95	170	<5	<2	9	18	3.4	<2	<2	13	.13	.056	13	8	.05	80	<.01	4	.33	.01	.19	<2	<5	<1	273
95-15R	44	65	27	479	.5	88	11	491	4.95	159	<5	<2	8	14	3.0	<2	<2	11	.10	.051	13	8	.04	79	<.01	4	.32	.01	.20	<2	<5	<1	101
95-16R	68	32	56	224	.6	29	3	74	2.24	214	<5	<2	6	5	.5	<2	<2	13	.02	.022	10	9	.02	69	<.01	4	.25	.01	.18	<2	<5	<1	163
95-17R	42	53	63	321	1.7	60	9	263	3.95	172	<5	<2	7	6	1.6	<2	<2	11	.02	.041	10	10	.02	66	<.01	3	.27	.01	.16	<2	<5	<1	730
95-18R	26	37	64	178	.5	47	7	437	2.62	129	<5	<2	6	6	1.2	<2	<2	11	.02	.026	13	11	.02	85	<.01	5	.31	.01	.20	<2	<5	<1	55
95-19R	8	42	23	148	.3	65	11	790	2.98	105	<5	<2	5	7	1.3	<2	<2	6	.03	.031	12	10	.03	75	<.01	3	.29	<.01	.18	<2	<5	<1	19
95-20R	9	40	13	172	.3	66	7	821	2.92	102	<5	<2	4	30	2.3	<2	<2	7	.42	.057	14	12	.13	76	<.01	3	.27	.01	.16	4	<5	<1	14
95-20R-A	20	52	23	211	.4	61	10	630	3.43	131	<5	<2	5	17	2.2	<2	<2	10	.18	.048	11	11	.05	81	<.01	4	.31	.01	.18	<2	<5	<1	35
95-21R	37	56	30	208	.6	64	8	384	3.47	158	<5	<2	5	8	2.1	<2	<2	9	.02	.038	12	9	.02	80	<.01	4	.32	.01	.18	<2	<5	<1	17
95-23R	18	54	31	161	.4	64	9	650	3.37	124	<5	<2	6	9	1.8	<2	<2	6	.04	.038	13	9	.02	79	<.01	3	.32	.01	.18	2	<5	<1	24
95-24R	8	40	20	110	.3	61	9	547	2.68	127	<5	<2	3	5	1.4	<2	<2	4	.02	.023	8	10	.02	70	<.01	4	.28	.01	.16	2	<5	<1	37
95-25R	4	31	10	121	.3	48	6	639	2.77	75	<5	<2	3	29	1.3	<2	<2	4	.36	.026	7	9	.22	63	<.01	4	.22	.01	.14	<2	<5	<1	8
95-26R	2	29	9	111	<.3	36	5	624	2.20	71	<5	<2	3	56	1.2	<2	<2	3	.72	.027	7	10	.36	58	<.01	3	.21	.01	.14	4	<5	<1	2
RE 95-26R	2	30	9	113	.3	38	6	627	2.25	74	<5	<2	3	57	1.1	<2	<2	3	.74	.028	6	11	.37	59	<.01	3	.21	.01	.15	3	<5	<1	3
RRE 95-26R	3	35	8	130	.3	46	6	696	2.61	83	<5	<2	3	60	1.4	<2	<2	4	.76	.028	7	10	.38	67	<.01	3	.25	.01	.16	<2	<5	<1	6
95-27R	4	29	9	152	<.3	65	7	736	2.33	69	<5	<2	4	41	1.1	<2	<2	4	.58	.040	11	8	.25	74	<.01	5	.28	.01	.17	<2	<5	<1	7
95-28R	16	56	24	280	.4	99	17	662	3.47	117	<5	<2	5	13	2.8	<2	<2	6	.08	.045	10	10	.03	70	<.01	4	.29	.01	.16	3	<5	<1	17
95-29R	20	65	31	207	.5	63	11	570	3.72	87	<5	<2	6	17	1.9	<2	<2	9	.12	.056	11	9	.03	80	<.01	4	.32	.01	.19	<2	<5	<1	41
95-30R	13	85	26	234	.6	55	10	766	4.03	81	<5	<2	7	17	2.4	<2	<2	8	.13	.056	14	8	.04	88	<.01	3	.33	.01	.20	<2	<5	<1	10
95-31R	17	70	24	200	.4	58	11	846	2.94	119	<5	<2	5	15	2.3	<2	<2	7	.08	.049	12	9	.02	84	<.01	3	.31	.01	.18	3	<5	<1	25
95-32R	13	65	21	246	.4	60	11	876	3.39	85	<5	<2	6	11	2.6	<2	2	7	.07	.046	13	10	.02	84	<.01	4	.32	.01	.20	<2	<5	<1	12
STANDARD C/AU-R	21	56	36	129	7.2	65	33	972	3.93	42	20	5	36	50	18.4	18	23	57	.49	.092	37	57	.92	183	.08	25	1.80	.06	.14	9	<5	3	463

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 24 1995 **DATE REPORT MAILED:** Nov 7/95 **SIGNED BY** ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
95-33R	14	81	27	264	.5	72	13	962	4.18	105	<5	<2	4	12	2.7	<2	<2	8	.07	.051	15	9	.03	78	<.01	3	.32	.01	.19	<2	<5	<1	133
95-34R	18	74	34	281	.4	59	12	658	4.05	115	<5	<2	3	11	2.5	<2	<2	7	.05	.050	10	8	.02	62	<.01	3	.25	<.01	.15	4	<5	<1	192
95-35R	17	43	149	329	.9	44	7	674	3.38	61	<5	<2	3	11	3.0	<2	<2	9	.06	.034	12	14	.08	76	<.01	4	.29	.01	.18	3	<5	<1	1235
95-36R	19	73	22	261	.4	61	12	841	3.48	91	<5	<2	3	12	2.4	<2	<2	8	.05	.045	13	9	.03	77	<.01	3	.31	.01	.18	<2	<5	<1	90
95-37R	22	84	20	192	.3	58	12	646	3.80	97	<5	<2	6	13	2.0	<2	<2	8	.05	.044	14	9	.03	76	<.01	3	.32	.01	.19	3	<5	<1	30
95-38R	24	116	23	277	.4	75	16	889	4.61	98	<5	<2	7	15	2.3	2	<2	11	.08	.059	20	11	.05	100	<.01	5	.48	.01	.24	2	<5	<1	40
95-39R	18	103	27	251	.4	69	15	736	5.18	97	<5	<2	6	43	2.3	<2	2	10	.06	.089	13	11	.04	90	<.01	3	.35	.02	.19	<2	<5	<1	56
95-40R	23	85	31	249	.3	58	12	563	4.50	124	<5	<2	6	20	2.0	<2	<2	9	.06	.054	14	11	.03	81	<.01	4	.31	.01	.17	4	<5	<1	108
95-41R	24	82	30	262	.7	83	19	796	5.55	134	<5	<2	3	23	2.6	2	2	12	.08	.073	14	15	.07	95	.01	4	.42	.01	.20	3	<5	<1	102
95-42R	17	76	22	247	.5	62	12	910	3.65	82	<5	<2	<2	28	2.4	<2	<2	8	.29	.051	12	10	.10	90	<.01	4	.31	.01	.18	<2	<5	<1	102
95-43R	22	108	43	373	.6	107	27	1085	5.22	111	<5	<2	4	19	3.7	2	<2	10	.08	.065	14	12	.04	146	<.01	<3	.37	.01	.20	5	<5	<1	63
95-44R	23	92	18	241	.6	73	18	933	4.65	113	<5	<2	3	20	2.2	2	<2	9	.13	.057	13	11	.05	81	<.01	3	.34	.01	.20	<2	<5	<1	108
95-45R	39	95	15	226	.3	72	12	988	4.12	86	<5	<2	3	22	2.2	<2	<2	10	.28	.058	15	8	.08	88	<.01	3	.37	.01	.21	<2	<5	<1	47
95-46R	14	65	16	172	.4	47	9	814	3.50	66	<5	<2	<2	13	1.4	<2	<2	7	.07	.041	10	12	.03	66	<.01	3	.28	.01	.16	6	<5	<1	24
RE 95-46R	14	66	16	174	<.3	49	10	823	3.55	65	<5	<2	<2	13	1.5	<2	<2	7	.07	.042	10	13	.03	66	<.01	3	.28	.01	.16	5	<5	<1	17
RRE 95-46R	15	68	15	175	.3	52	11	887	3.62	71	<5	<2	<2	14	1.2	2	<2	8	.08	.044	10	12	.04	72	<.01	4	.31	.01	.18	<2	<5	<1	21
95-47R	26	87	25	251	.4	70	13	780	4.70	139	<5	<2	4	13	1.8	2	<2	8	.04	.062	14	9	.03	83	<.01	4	.34	.01	.19	<2	<5	<1	146
95-48R	17	87	19	217	<.3	69	12	912	4.30	92	<5	<2	2	11	2.0	<2	2	7	.06	.053	13	9	.03	75	<.01	3	.30	.01	.18	3	<5	<1	92
95-49R	13	67	10	198	.3	83	8	1682	4.69	62	<5	<2	<2	11	1.6	2	2	8	.04	.037	12	13	.04	88	<.01	3	.34	.01	.20	2	6	<1	12
95-50R	21	78	11	235	.3	91	17	1192	4.18	80	<5	<2	2	15	2.2	<2	<2	8	.09	.061	14	10	.03	80	<.01	4	.32	.01	.19	<2	<5	<1	76
95-51R	26	78	25	194	.3	53	11	821	3.51	101	<5	<2	3	11	1.6	<2	<2	8	.04	.048	14	8	.02	71	<.01	3	.26	.01	.17	2	<5	<1	634
95-52R	18	82	14	182	<.3	58	14	707	4.52	109	<5	<2	3	12	1.8	3	<2	10	.07	.049	15	11	.06	82	<.01	4	.48	.01	.21	<2	<5	<1	79
95-53R	20	90	12	216	<.3	69	18	761	4.47	113	<5	<2	4	12	2.0	2	<2	7	.07	.051	13	9	.03	74	<.01	3	.36	.01	.19	<2	<5	<1	138
95-54R	23	88	15	233	<.3	61	16	625	5.87	143	<5	<2	3	11	2.1	2	<2	12	.05	.066	12	13	.10	68	.01	<3	.46	.01	.15	3	<5	<1	60
95-55R	23	62	22	274	<.3	51	11	547	3.38	73	<5	<2	3	14	2.3	<2	<2	12	.12	.048	11	14	.08	74	.01	3	.38	.01	.18	<2	<5	<1	263
95-56R	30	51	41	156	<.3	73	10	558	4.94	177	<5	<2	4	8	1.1	2	<2	10	.03	.046	14	7	.03	75	<.01	<3	.35	.01	.20	<2	<5	<1	234
95-57R	8	81	17	171	<.3	49	11	615	3.54	94	<5	<2	4	10	1.2	<2	<2	6	.06	.041	14	8	.04	78	<.01	4	.35	.01	.21	2	<5	<1	72
RE 95-57R	8	84	16	178	<.3	50	12	637	3.66	99	<5	<2	6	10	1.2	2	<2	6	.06	.041	14	8	.04	80	<.01	3	.37	.01	.22	3	<5	<1	61
RRE 95-57R	9	87	18	194	<.3	53	13	640	3.98	112	<5	<2	4	10	1.2	2	<2	7	.06	.040	13	8	.04	82	<.01	4	.38	.01	.22	<2	<5	<1	200
95-58R	8	87	14	203	<.3	52	10	651	3.48	83	<5	<2	4	9	1.8	<2	<2	6	.06	.038	14	6	.04	72	<.01	3	.34	.01	.19	<2	<5	<1	445
95-59R	9	69	21	212	.8	34	9	914	3.65	74	<5	<2	2	9	2.0	2	<2	6	.06	.042	11	8	.03	74	<.01	3	.36	.01	.19	3	<5	<1	2030
95-60R	8	104	25	185	<.3	61	10	927	4.22	56	<5	<2	3	11	2.0	3	<2	7	.08	.043	15	8	.05	78	<.01	<3	.35	.01	.19	<2	<5	<1	260
95-61R	23	107	19	200	.3	50	13	572	4.91	159	<5	<2	2	16	2.0	3	<2	13	.07	.084	14	7	.03	75	<.01	4	.37	.01	.19	<2	<5	<1	574
95-62R	22	131	20	292	.4	58	16	1413	4.38	89	<5	<2	<2	20	2.7	2	2	14	.10	.085	13	11	.03	81	<.01	3	.35	.01	.19	4	6	<1	456
95-63R	34	100	31	218	.5	46	11	700	3.98	131	<5	<2	2	17	1.8	3	<2	15	.07	.070	14	9	.03	71	<.01	3	.31	.01	.18	<2	<5	<1	679
95-64R	29	109	27	250	.5	51	16	795	5.79	173	<5	<2	3	14	1.9	4	<2	16	.09	.099	15	10	.05	67	.01	3	.39	.01	.17	<2	<5	<1	460
95-65R	28	98	29	191	<.3	50	7	482	3.64	160	<5	<2	3	20	1.6	2	<2	14	.13	.070	14	7	.03	70	<.01	3	.36	.01	.18	<2	<5	<1	168
STANDARD C/AU-R	21	58	36	130	6.5	63	33	1090	3.99	43	16	6	34	53	18.0	17	22	61	.50	.089	41	56	.91	174	.09	26	1.88	.06	.15	13	5	3	486

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
95-66R	18	101	40	293	.4	55	14	762	4.73	129	<5	<2	6	14	2.3	2	<2	11	.10	.075	16	8	.04	92	<.01	4	.45	.01	.21	<2	<5	<1	94
95-67R	16	84	32	230	.3	51	12	1011	4.36	125	<5	<2	4	14	1.6	<2	2	9	.12	.074	13	8	.04	82	<.01	4	.39	.01	.18	<2	<5	<1	68
95-68R	16	138	50	284	.4	56	15	981	4.72	96	<5	<2	2	20	1.8	2	<2	9	.15	.106	14	8	.05	81	<.01	3	.40	.01	.19	<2	<5	<1	47
95-69R	9	56	23	94	<.3	36	6	486	2.84	87	<5	<2	4	14	1.0	<2	<2	6	.14	.036	13	8	.06	68	<.01	3	.29	.01	.15	<2	<5	<1	81
95-70R	10	43	18	211	<.3	32	5	664	2.88	44	<5	<2	<2	13	1.8	<2	<2	7	.19	.044	11	9	.05	66	<.01	3	.27	.01	.13	<2	<5	<1	14
95-71R	27	51	56	328	1.2	41	7	786	2.77	94	<5	<2	3	19	2.4	<2	<2	14	.12	.055	13	7	.03	92	<.01	3	.31	.01	.18	<2	<5	<1	583
95-72R	15	93	24	266	.4	55	10	964	3.94	72	<5	<2	4	10	2.3	2	<2	10	.07	.041	15	7	.04	88	<.01	<3	.31	.01	.17	<2	<5	<1	77
95-73R	9	101	22	208	<.3	53	9	761	3.94	77	<5	<2	6	10	1.9	2	<2	8	.07	.039	16	8	.04	92	<.01	4	.34	.01	.19	<2	<5	<1	122
95-74R	7	184	24	211	.7	108	15	1178	4.96	159	<5	<2	5	14	1.9	<2	<2	7	.11	.058	18	8	.06	103	<.01	4	.38	.01	.20	<2	<5	<1	68
95-75R	4	130	20	180	.5	124	17	1518	4.01	151	<5	<2	2	15	2.0	<2	2	6	.12	.065	16	7	.05	102	<.01	3	.35	.01	.18	<2	5	<1	55
95-76R	10	148	23	243	.5	78	19	1024	5.58	83	<5	<2	7	10	2.2	<2	2	7	.08	.060	19	9	.06	91	<.01	3	.43	.01	.19	<2	<5	<1	54
95-77R	14	94	31	267	1.5	57	14	831	4.93	93	<5	<2	5	15	2.0	<2	<2	10	.09	.071	14	8	.05	96	<.01	3	.35	.01	.19	<2	<5	<1	110
95-78R	20	125	43	261	.7	64	17	1090	4.13	83	<5	<2	6	18	2.1	<2	<2	13	.12	.084	16	8	.05	100	<.01	3	.36	.01	.19	<2	<5	<1	182
95-79R	3	38	12	123	<.3	48	6	423	2.46	56	<5	<2	2	48	1.5	<2	<2	4	.78	.018	7	8	.40	70	<.01	3	.25	.01	.16	<2	<5	<1	12
95-80R	17	93	47	179	<.3	56	11	636	3.67	75	<5	<2	5	8	1.9	<2	<2	6	.05	.042	15	11	.03	81	<.01	4	.35	.01	.17	<2	<5	<1	150
RE 95-80R	16	92	49	175	<.3	56	11	621	3.60	74	<5	<2	5	8	2.0	<2	<2	6	.05	.041	15	12	.03	79	<.01	3	.34	.01	.17	<2	<5	<1	106
RRE 95-80R	16	98	47	185	<.3	54	12	673	3.84	80	<5	<2	6	8	2.2	<2	<2	6	.04	.043	16	12	.03	78	<.01	4	.34	.01	.16	3	<5	<1	54
95-81R	9	86	26	127	.3	74	12	1176	4.21	91	<5	<2	4	6	1.4	<2	<2	5	.07	.041	13	7	.04	82	<.01	3	.29	.01	.16	<2	<5	<1	186
95-82R	24	84	36	111	.4	65	11	780	3.50	111	<5	<2	5	5	1.4	<2	2	9	.02	.038	13	9	.03	82	<.01	4	.31	.01	.19	<2	<5	<1	270
95-83R	33	86	41	206	.4	69	11	786	3.83	89	<5	<2	4	9	2.7	<2	2	10	.05	.049	12	7	.03	74	<.01	3	.28	.01	.16	<2	<5	<1	148
95-84R	31	73	36	253	.3	61	10	811	3.89	79	<5	<2	3	12	3.7	<2	<2	11	.09	.055	10	12	.04	73	<.01	3	.28	.01	.14	2	<5	<1	110
95-85R	21	87	29	294	.5	102	14	963	4.27	90	<5	<2	4	11	3.7	<2	<2	10	.07	.056	12	9	.04	85	<.01	3	.33	.01	.19	<2	<5	<1	88
95-86R	31	81	47	233	.8	82	14	989	4.56	114	<5	<2	3	10	3.2	<2	<2	9	.06	.051	13	8	.04	83	<.01	3	.31	.01	.16	<2	<5	<1	741
95-87R	18	76	38	176	.3	69	13	609	4.40	85	<5	<2	5	10	1.9	<2	<2	6	.06	.051	11	7	.03	77	<.01	3	.29	.01	.16	<2	<5	<1	240
95-88R	15	71	37	207	.7	68	11	772	3.53	73	<5	<2	3	13	2.3	2	<2	8	.11	.050	10	11	.03	87	<.01	3	.31	.01	.18	<2	<5	<1	202
95-89R	19	71	36	220	.5	56	10	683	3.36	66	<5	<2	3	15	2.4	<2	<2	8	.22	.042	11	8	.04	81	<.01	3	.27	.01	.15	<2	<5	<1	286
95-90R	9	63	55	99	.4	58	10	574	3.95	84	<5	<2	6	8	1.1	3	<2	6	.04	.046	13	9	.03	70	<.01	4	.27	.01	.16	<2	<5	<1	799
95-91R	33	77	35	224	.3	55	9	549	4.15	122	<5	<2	5	12	2.4	2	<2	15	.06	.057	13	10	.03	83	<.01	3	.32	.01	.18	<2	<5	<1	530
95-92R	35	97	38	195	.3	65	9	662	4.02	99	<5	<2	5	11	2.1	<2	<2	12	.07	.053	12	7	.03	76	<.01	3	.32	.01	.17	<2	<5	<1	517
RE 95-92R	36	99	43	203	.4	68	9	687	4.16	103	<5	<2	4	11	2.5	2	<2	13	.07	.055	12	9	.03	78	<.01	4	.33	.01	.17	<2	<5	<1	621
RRE 95-92R	40	108	50	221	.8	69	10	689	4.73	126	<5	<2	6	12	2.7	2	2	12	.07	.058	12	9	.04	78	<.01	<3	.33	.01	.17	<2	<5	<1	1803
95-93R	15	132	68	181	.8	86	23	570	6.08	113	<5	<2	4	39	1.8	2	<2	9	.15	.129	9	9	.05	96	<.01	3	.39	.02	.19	<2	<5	<1	1902
95-94R	6	63	59	117	.5	62	13	754	4.09	63	<5	<2	4	9	.9	3	<2	4	.04	.046	12	9	.03	65	<.01	3	.24	.01	.14	<2	<5	<1	435
95-95R	9	54	25	164	<.3	65	14	1021	3.96	63	<5	<2	4	12	1.9	<2	<2	5	.09	.052	13	10	.05	75	<.01	3	.29	.01	.16	<2	<5	<1	26
95-96R	5	58	25	143	.3	70	12	584	4.53	82	<5	<2	8	13	1.0	2	<2	4	.16	.047	14	9	.08	80	<.01	3	.32	.01	.18	<2	<5	<1	353
95-97R	10	80	32	179	.3	79	14	664	4.42	89	<5	<2	6	7	1.6	<2	<2	4	.05	.043	13	7	.05	74	<.01	4	.32	.01	.16	<2	<5	<1	116
95-98R	18	96	134	314	.5	64	13	798	3.92	90	<5	<2	3	8	3.5	<2	<2	5	.05	.041	9	10	.03	66	<.01	3	.28	.01	.14	<2	<5	<1	532
STANDARD C/AU-R	22	61	41	136	7.0	68	32	1042	4.27	42	18	5	37	54	19.5	20	21	57	.53	.096	40	61	.98	186	.08	28	1.96	.06	.15	11	<5	4	481

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ACME ANALYTICAL

Consolidated Logan Mines Ltd. FILE # 95-4294

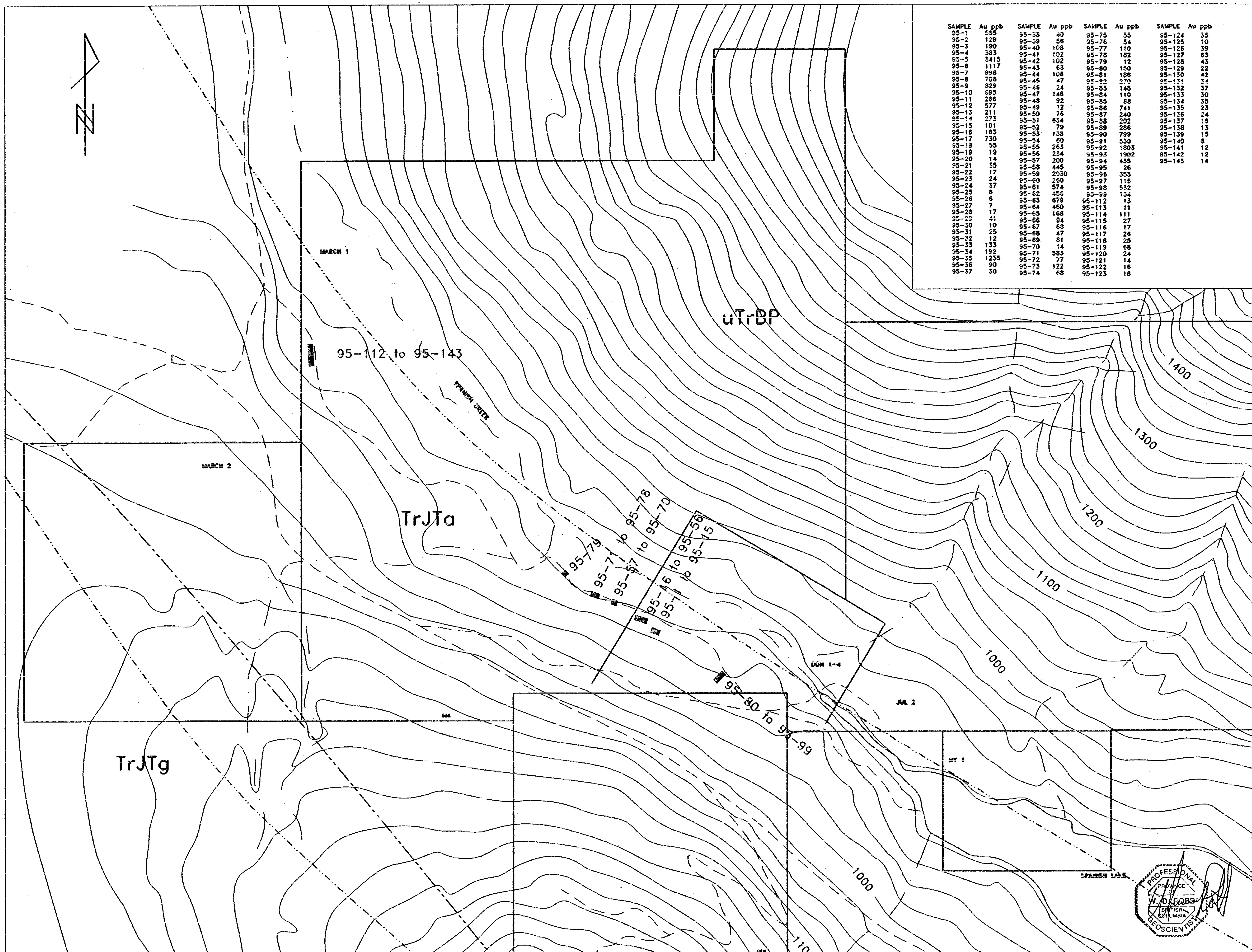
ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
95-99R	31	89	55	225	.5	63	9	472	4.18	112	<5	<2	6	5	2.8	2	<2	8	.02	.039	12	7	.02	60	<.01	3	.32	.01	.15	2	<5	<1	134
95-100R	31	38	27	314	.5	52	4	56	4.15	48	<5	<2	8	30	1.6	3	<2	26	.03	.040	12	6	.03	52	<.01	3	.36	.13	.17	2	<5	<1	157
95-101R	50	151	24	745	.4	121	21	187	5.13	53	<5	<2	10	17	9.7	<2	3	20	.08	.092	17	7	.06	46	<.01	<3	.82	.02	.17	<2	<5	<1	79
95-102R	69	109	22	594	.5	140	20	176	4.93	73	<5	<2	7	30	12.1	2	<2	21	.20	.128	13	9	.05	45	<.01	<3	.61	.01	.18	<2	<5	<1	50
95-104R	56	102	31	712	.5	95	13	109	4.91	79	<5	<2	7	40	8.6	3	2	34	.05	.085	12	10	.04	47	<.01	<3	.59	.02	.20	<2	<5	<1	47
95-105R	65	143	19	981	.3	187	15	138	6.18	67	<5	<2	7	27	8.3	3	<2	26	.06	.116	11	8	.06	41	<.01	<3	1.09	.01	.15	<2	<5	1	35
95-106R	49	102	16	744	.4	109	12	126	4.51	66	<5	<2	10	18	7.9	2	4	22	.08	.087	16	10	.05	45	<.01	3	.63	.01	.18	<2	<5	<1	22
95-107R	44	115	20	700	.3	101	14	201	5.36	61	<5	<2	8	21	10.1	3	<2	18	.08	.098	15	8	.04	41	<.01	<3	.64	.01	.16	<2	<5	<1	175
95-108R	63	94	15	651	.4	101	14	183	4.28	61	<5	<2	8	31	9.9	2	<2	22	.09	.137	15	9	.03	45	<.01	<3	.46	.01	.15	<2	<5	<1	29
95-109R	138	82	18	609	<.3	105	11	175	4.67	95	<5	<2	6	33	10.2	5	<2	24	.04	.068	9	7	.03	39	<.01	3	.39	.03	.15	<2	<5	<1	31
95-110R	115	91	17	664	.3	134	17	180	4.82	73	<5	<2	6	29	10.7	4	2	21	.13	.114	11	8	.03	33	<.01	4	.49	.02	.14	<2	<5	<1	24
RE 95-110R	115	91	19	659	.4	135	17	177	4.79	74	<5	<2	5	29	10.5	4	2	21	.13	.112	11	8	.03	33	<.01	<3	.49	.02	.14	<2	<5	<1	22
RRE 95-110R	114	96	20	683	.4	139	18	178	4.84	73	<5	<2	5	28	10.7	3	2	20	.14	.119	11	7	.03	32	<.01	<3	.49	.02	.13	<2	<5	<1	19
95-111R	39	111	18	547	.3	101	17	161	4.13	34	<5	<2	10	11	8.0	4	4	17	.06	.055	18	8	.04	40	<.01	<3	.56	.01	.16	<2	<5	<1	14
95-112R	5	102	17	165	.7	55	7	423	2.09	23	<5	<2	4	125	.9	<2	<2	8	1.83	.076	9	14	1.08	63	<.01	<3	.66	.01	.15	<2	<5	<1	13
95-113R	3	70	19	139	.6	46	6	430	1.99	27	<5	<2	4	116	.6	<2	<2	7	1.90	.047	10	14	1.03	63	<.01	<3	.62	.01	.14	<2	<5	<1	11
95-114R	30	175	328	192	4.4	54	8	366	3.99	80	<5	<2	4	96	1.4	2	3	10	.91	.078	8	20	.70	87	<.01	<3	.70	.02	.14	2	<5	<1	111
95-115R	9	108	30	175	1.3	51	8	367	2.80	50	<5	<2	4	112	.8	2	<2	10	1.36	.064	11	17	.69	76	<.01	<3	.67	.02	.15	<2	<5	<1	27
95-116R	9	174	20	233	.9	69	12	418	2.61	35	<5	<2	3	92	1.2	<2	<2	11	.90	.089	10	22	.70	74	<.01	<3	.81	.01	.16	<2	<5	<1	17
95-117R	14	94	51	250	1.4	69	10	319	2.80	67	<5	<2	4	153	1.2	<2	<2	14	1.49	.181	12	27	.65	81	<.01	<3	.79	.02	.18	<2	<5	<1	26
95-118R	8	94	27	208	.8	72	10	396	2.54	52	<5	<2	3	124	1.3	<2	<2	10	1.69	.072	8	20	.78	69	<.01	<3	.68	.01	.16	<2	<5	<1	25
95-119R	26	72	203	189	3.2	56	10	320	3.20	111	<5	<2	3	126	1.2	<2	<2	8	1.24	.070	5	15	.53	76	<.01	3	.47	.02	.13	<2	<5	<1	68
95-120R	12	103	31	165	1.2	57	9	308	2.61	55	<5	<2	7	209	.8	<2	<2	13	2.49	.527	23	25	.75	87	<.01	<3	.82	.02	.19	<2	<5	<1	24
95-121R	4	107	11	190	.5	93	9	366	2.72	34	<5	<2	4	70	1.0	<2	<2	11	1.43	.045	14	19	.93	73	<.01	<3	.92	.01	.17	<2	<5	1	14
95-122R	6	144	17	238	.8	98	11	473	2.63	47	<5	<2	3	113	1.2	<2	<2	13	2.06	.073	12	19	.95	72	<.01	<3	.89	.01	.17	<2	<5	<1	16
95-123R	14	177	25	305	1.2	118	13	479	3.23	73	<5	<2	5	97	1.8	<2	<2	21	1.40	.116	14	30	.77	80	<.01	<3	.90	.01	.17	<2	<5	<1	18
95-124R	13	123	50	288	1.9	112	14	405	3.34	109	<5	<2	6	54	1.8	<2	<2	18	.62	.069	13	29	.68	73	<.01	3	.86	.01	.17	<2	<5	<1	35
95-125R	4	135	7	289	.5	119	9	288	2.63	27	<5	<2	7	136	1.2	<2	<2	15	1.51	.096	17	27	1.15	64	<.01	<3	1.16	.01	.16	<2	<5	1	10
95-126R	10	204	28	302	1.1	82	14	384	4.49	91	<5	<2	4	87	1.6	<2	<2	37	.95	.075	12	29	.81	70	<.01	<3	1.04	.02	.17	<2	<5	1	39
95-127R	22	186	32	829	1.6	63	7	131	4.02	118	<5	<2	5	31	7.3	2	<2	44	.13	.037	15	27	.33	73	<.01	<3	.72	.02	.17	<2	<5	<1	62
RE 95-127R	22	190	36	851	1.6	64	8	135	4.14	121	<5	<2	5	32	7.6	<2	2	45	.13	.038	14	28	.33	75	<.01	<3	.74	.02	.18	<2	<5	<1	63
RRE 95-127R	21	194	34	688	1.7	65	8	127	4.15	126	<5	<2	5	34	5.4	2	<2	39	.17	.037	12	26	.33	65	<.01	<3	.69	.02	.16	<2	<5	<1	61
95-128R	12	180	27	236	1.3	75	9	199	4.51	106	<5	<2	6	41	1.1	<2	<2	35	.23	.056	17	36	.52	84	<.01	3	1.03	.02	.21	<2	<5	1	43
95-129R	11	165	26	271	.8	55	6	129	3.91	73	<5	<2	4	40	1.8	<2	<2	42	.47	.046	14	30	.55	74	<.01	<3	.92	.02	.18	<2	<5	1	22
95-130R	11	163	39	201	1.5	47	6	387	3.71	77	<5	<2	3	98	1.2	<2	<2	26	1.13	.042	11	19	.64	81	<.01	<3	.65	.02	.20	<2	<5	<1	42
95-131R	12	152	28	243	1.2	59	7	209	3.84	83	<5	<2	3	103	2.2	<2	2	42	.89	.045	11	25	.45	75	<.01	<3	.79	.02	.19	<2	<5	<1	34
STANDARD C/AU-R	22	61	38	140	7.2	71	32	1061	4.22	43	16	6	41	55	19.6	16	24	59	.49	.097	42	64	.96	174	.09	26	2.01	.06	.15	11	<5	3	496

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
95-132R	8	167	45	230	1.3	53	8	139	3.91	108	<5	<2	5	35	.9	<2	<2	24	.35	.040	14	25	.41	74	<.01	<3	.70	.02	.19	<2	<5	<1	37
95-133R	7	165	42	172	1.2	50	7	154	3.72	87	<5	<2	4	76	.4	<2	<2	24	1.00	.101	14	22	.45	74	<.01	3	.75	.02	.19	<2	<5	1	30
95-134R	7	199	23	256	1.2	93	10	313	4.30	100	<5	<2	4	56	1.2	<2	<2	18	.68	.071	13	27	.61	72	<.01	3	.89	.02	.18	<2	<5	<1	35
95-135R	6	166	18	174	.9	62	9	363	3.72	77	<5	<2	5	53	.7	<2	<2	18	.77	.052	13	26	.67	70	<.01	3	.87	.02	.18	<2	<5	<1	23
95-136R	4	174	11	239	.8	84	11	545	4.60	82	<5	<2	5	106	1.1	<2	<2	17	1.60	.073	12	25	.88	80	<.01	<3	.84	.02	.18	<2	<5	1	24
95-137R	3	94	11	154	.4	54	6	462	2.96	39	<5	<2	6	75	.6	<2	<2	11	1.18	.053	17	17	.78	80	<.01	4	.74	.02	.19	<2	<5	<1	16
95-138R	9	234	14	389	1.3	134	12	498	3.71	65	<5	<2	4	70	2.3	<2	<2	22	1.07	.088	12	43	.77	76	<.01	<3	1.03	.01	.20	<2	<5	<1	13
95-139R	5	198	10	219	.6	106	10	510	3.17	44	<5	<2	5	92	1.1	<2	<2	14	1.51	.122	14	22	.94	65	<.01	<3	.82	.01	.16	<2	<5	<1	15
95-140R	3	115	6	275	.3	152	13	508	3.11	32	<5	<2	4	106	1.4	<2	<2	14	1.89	.055	15	22	1.18	70	<.01	3	.99	.01	.18	<2	<5	<1	5
RE 95-140R	3	120	5	280	.4	153	13	513	3.14	34	<5	<2	4	108	1.4	<2	<2	14	1.92	.056	16	22	1.19	72	<.01	<3	1.01	.01	.18	<2	<5	1	4
RRE 95-140R	3	128	8	281	.5	152	13	511	3.17	38	<5	<2	5	106	1.4	<2	<2	13	1.92	.054	15	22	1.19	62	<.01	<3	.96	.01	.16	<2	<5	<1	8
95-141R	3	169	16	271	.7	141	13	406	3.43	55	<5	<2	5	76	1.0	<2	<2	13	1.47	.046	18	23	1.12	70	<.01	3	1.04	.01	.18	<2	<5	1	12
95-142R	14	223	27	317	1.3	111	9	311	3.47	93	<5	<2	6	31	1.4	<2	<2	22	.50	.060	14	32	.93	65	<.01	3	1.01	.01	.16	<2	<5	1	12
95-143R	8	84	21	174	.8	60	8	518	3.07	78	<5	<2	3	103	.4	<2	<2	12	2.04	.054	10	19	1.22	64	<.01	<3	.70	.01	.15	<2	<5	<1	14
95-144R	3	32	5	113	<.3	8	2	1283	1.36	5	<5	<2	3	251	1.4	<2	<2	34	18.89	.057	5	7	2.25	55	<.01	3	.23	.01	.04	<2	<5	1	<2
STANDARD C/AU-R	20	61	38	139	6.9	72	31	1098	4.26	42	17	8	38	54	19.8	17	20	61	.51	.089	42	63	.97	178	.09	29	1.79	.06	.16	11	<5	2	461

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE	Au ppb	SAMPLE	Au ppb	SAMPLE	Au ppb	SAMPLE	Au ppb
95-1	565	95-38	40	95-75	55	95-124	35
95-2	129	95-39	56	95-76	54	95-125	10
95-3	190	95-40	108	95-77	110	95-126	39
95-4	383	95-41	102	95-78	182	95-127	63
95-5	3415	95-42	102	95-79	12	95-128	43
95-6	1117	95-43	63	95-80	150	95-129	22
95-7	998	95-44	108	95-81	186	95-130	42
95-8	786	95-45	47	95-82	270	95-131	34
95-9	829	95-46	24	95-83	148	95-132	37
95-10	695	95-47	146	95-84	110	95-133	30
95-11	286	95-48	92	95-85	88	95-134	35
95-12	577	95-49	12	95-86	741	95-135	23
95-13	211	95-50	76	95-87	240	95-136	24
95-14	273	95-51	634	95-88	202	95-137	16
95-15	101	95-52	79	95-89	286	95-138	13
95-16	163	95-53	138	95-90	799	95-139	15
95-17	730	95-54	60	95-91	530	95-140	8
95-18	55	95-55	263	95-92	1803	95-141	12
95-19	19	95-56	234	95-93	1902	95-142	12
95-20	14	95-57	200	95-94	435	95-143	14
95-21	35	95-58	445	95-95	26		
95-22	17	95-59	2030	95-96	353		
95-23	24	95-60	260	95-97	116		
95-24	37	95-61	574	95-98	532		
95-25	8	95-62	456	95-99	134		
95-26	6	95-63	679	95-112	13		
95-27	7	95-64	460	95-113	11		
95-28	17	95-65	168	95-114	111		
95-29	41	95-66	94	95-115	27		
95-30	10	95-67	68	95-116	17		
95-31	25	95-68	47	95-117	26		
95-32	12	95-69	81	95-118	25		
95-33	133	95-70	14	95-119	68		
95-34	192	95-71	583	95-120	24		
95-35	1235	95-72	77	95-121	14		
95-36	90	95-73	122	95-122	16		
95-37	30	95-74	68	95-123	18		

LEGEND

UPPER TRIASSIC – MIDDLE JURASSIC

TrJTg Volcanic wacke

TrJTa Tuffaceous phyllite, siltstone, shale

UPPER TRIASSIC BLACK PHYLLITES

uTrBP Graphitic pelite

SYMBOLS

Geological Contact

Axial surface Trace Spanish Lake Anticline

95-79 Pannel sample site location

OLOGIC . I BRANCH
SSESSMENT REPOR

24,390

SCALE 1:10,000

0 100 200 300 400 500 600 700 800

CONSOLIDATED LOGAN MINES LTD.

DON GROUP

GEOLOGY AND SAMPLE LOCATION MAP

Drawn by: W.R.

Date : March 1996