

093 834

1997 REPORT
GEOLOGICAL and
GEOCHEMICAL WORK ON THE JAVA PROPERTY

JAVA 1-92 Claims
to 1-6 Claims
Atom 1-6 Claims
Zone 1-8 Claims

Whitehorse Mining District,
Yukon Territory

NTS Mapsheet 105E/7
Latitude: 61° 25' N
Longitude: 134° 53' W

Work Performed between June 1, 1997
and August 31, 1997

D OUELLETTE

CAMDAN EXPLORATION INC.



This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mineral Act and is allowed as
representation work in the amount
of \$ 33,600.00.

M. B. ...
for Regional Manager, Exploration and
Geological Services for Commission
of Yukon Territory.

SUMMARY

The Java property consists of the Java 1-92, the Atom 1-6, the Io 1-8, and the Zone 1-6 mineral claims located in the Laberge map area, Yukon. The Java property is owned exclusively by the WalCam Joint Venture and managed by Camdan Explorations Inc. The claims are accessible by helicopter based out of Whitehorse, which is about 70 km southwest of the property. The Livingstone Trail, a winter tote trail, is located 20 kilometers south of the claims. Previous work carried out in 1975 by the DC Syndicate (Dome & Cominco) revealed copper, molybdenum mineralization in fractures within plutonic rocks on the Bond claims (Minfile Occurrence #105E 027: BACON).

The Java property is a previously unrecognized alkalic gold-copper porphyry exploration target. The property lies within northern Stikinia terrane, which is composed of Upper Triassic Lewes River Group calc-alkaline volcanic island arc rocks and Upper Triassic to Middle Jurassic Laberge Group island arc derived sedimentary rocks. The Teslin Crossing stock, a Middle Jurassic alkalic syenite, monzonite and granite epizonal high-level stock, intrudes the Lewes River Group and Laberge Group sedimentary rocks on the Mars property directly south of the Java property. This stock is magnetite-rich and exhibits widespread and intense potassic alteration and brecciation.

Exploration of the Java property is in the very early reconnaissance stage. The assumed intrusive age, and lithology, combined with the alteration and rock geochemical results to date indicate an alkalic copper-gold porphyry occurrence. A multidisciplinary exploration program involving airborne and ground geophysics, geochemistry and geological mapping is recommended.

TABLE OF CONTENTS

SUMMARY	i
INTRODUCTION.....	1
LOCATION and ACCESS	1
HISTORY	1
PROPERTY.....	3
CLIMATE, TOPOGRAPHY and VEGETATION.....	3
SURFICIAL GEOLOGY.....	4
GEOLOGY	4
Regional Geology	4
Property Geology.....	7
MINERALIZATION	8
1997 EXPLORATION PROGRAM.....	9
Reconnaissance Rock Geochemistry	9
Geophysics.....	9
CONCLUSIONS	9
RECOMMENDATIONS	10
REFERENCES.....	11

LIST OF FIGURES

Figure 1: Java Property, Location Map (scale 1:6,000,000)	2
Figure 2: Java Property, Claim Map	pocket
Figure 3: Java Property, Regional Geology (scale 1:250,000)	5
Figure 4: Java Property, Geology (scale 1:25,000)	pocket
Figure 4 5: Java Property, Sample Location Map (scale 1:25,000)	pocket

LIST OF TABLES

Table 1: Claim Data	3
Table 2: Table of Formations	6

APPENDICES

Appendix A: Geochemistry Results and Analytical Methods

INTRODUCTION

This report describes the exploration work carried out on the Java Property during the 1997 field season. The Java 1-92 claims, the Atom 1-6, the Io 1-8, and the Zone 1-6 mineral claims are collectively referred to as the "Java Property" or "Java". The Java property is located 70 km northeast of Whitehorse, Yukon and is most efficiently accessible by helicopter.

Exploration work completed on the property in 1997 included prospecting, and geochemical rock and soil sampling. The property was examined and sampled by D. Ouellette and B. Carter of Camdan Exploration Inc. and was carried out between June 1, 1997 and August 30, 1997. The line cutting and baseline establishment was carried out from June 6 to August 30, 1997. Exploration work in 1997 was for the purpose of satisfying the requirements of the Yukon Quartz Mining Act.

LOCATION and ACCESS

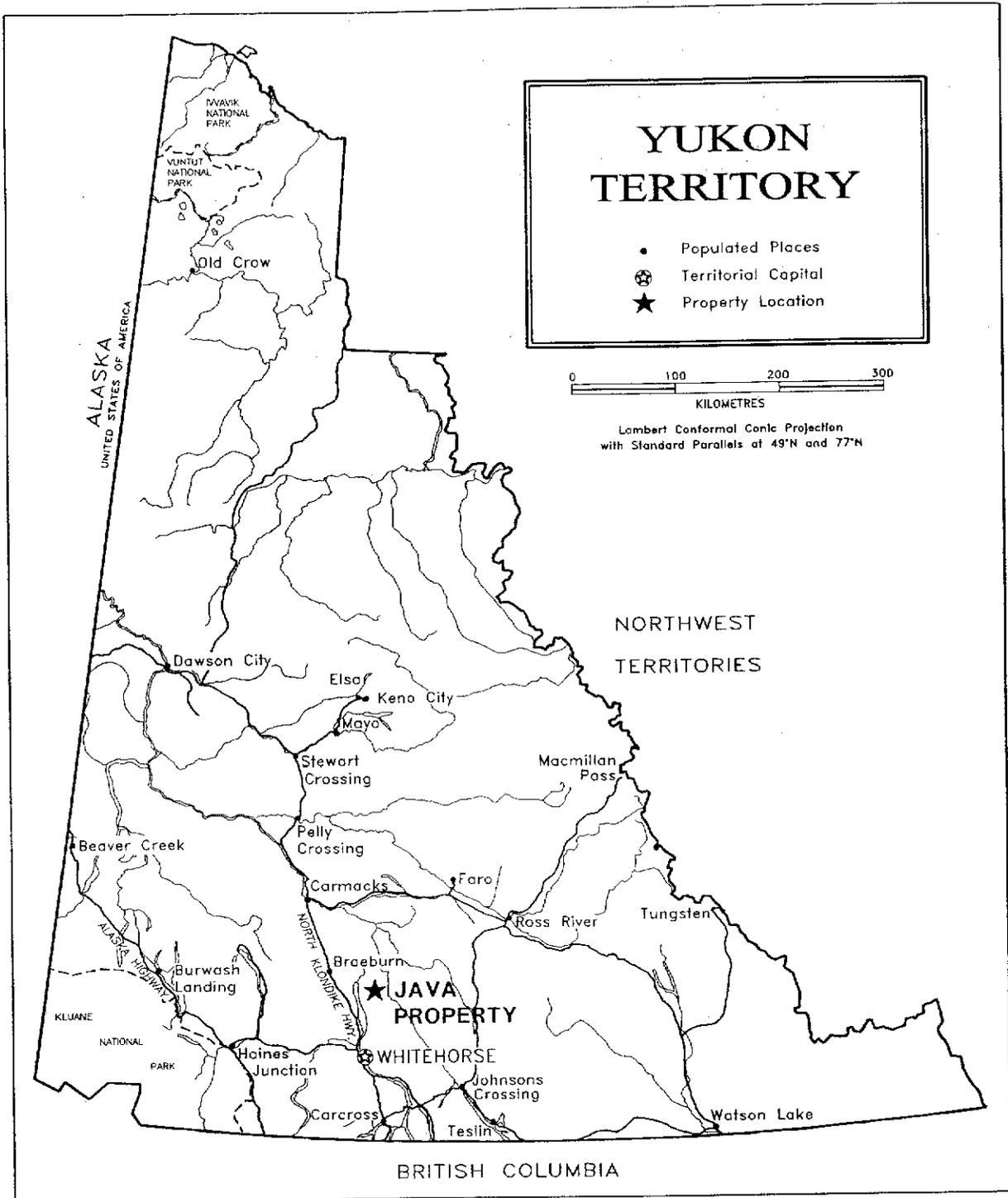
The Java property is located in southwest Yukon, about 70 km northeast of Whitehorse at latitude 61° 25'N and longitude 134° 53'W on NTS map area 105E/7 (Figure 1).

Access is by helicopter from Whitehorse Yukon, which has daily jet service to southern Canada. A winter tote trail to the Livingstone Creek placer mining area passes within 25 km of the property.

HISTORY

The first geology map of the Laberge area was published in 1938 by Bostock and Lees (1938). The most recent regional geology map was published by Tempelman-Kluit in 1984. A total of 60 Yukon Minfile occurrences are shown in the Laberge map area; however, the only mineral production to date has been from the Livingstone placer camp which has been mined and prospected intermittently since its discovery in 1898.

The first mention of an intrusive stock underlying the Windy Mountain area is from Bostock and Lees (1938) who describe a pink monzonite stock. There is no record of exploration interest in the area until 1971, when a helicopter reconnaissance sampling program in the Laberge map area by United Keno Hill Mines Ltd. (UKHM) and others led to the discovery of sporadic copper and molybdenum mineralization at Windy Mountain. The TUV 1-24 claims were staked by UKHM in 1972 during geological and geochemical evaluation of the Windy Mountain area. The TUV claims were subsequently dropped after a brief exploration program. Previous work on the Java property is indicated by the Yukon Minefile as being done by the DC Syndicate (Dome and Cominco) on the small Bond claim group in August of 1975. Work done at this time included mapping and soil sampling. The Bond claims were allowed to lapse due to poor results from the soil program. The showing, as



CAMDAN EXPLORATION INC.		
JAVA PROPERTY Location Map		
SCALE: 1 : 6 000 000	FILE: 154C_1.dwg	DATE: May 31st/98
NTS: 105 E/7	DRAWN:	FIGURE: 1

described in the Yukon Minfile, consists of molybdenite and chalcopyrite occurring in a weak fracture system cutting granodiorite and monzonite. This showing was not located in 1997. The description of andesite float containing chalcopyrite located west of the claims resembles that of samples collected from the newly discovered Skam Zone located in the north-central portions of the Java property.

PROPERTY

The Java property consists of the Java 1-92, the Atom 1-6, the lo 1-8, and the Zone 1-6 mineral claims, (Figure 2). All of the claims were staked within the Whitehorse Mining District and under the authority and definition of the Yukon Quartz Mining Act. The total area covered by the claims is about 2,340 hectares.

Table 1 Claim Data

CLAIM NAME	GRANT NUMBERS	RECORDING DATE	EXPIRY DATE
Atom 1 - 6	YB96711 - YB96716	October 10, 1996	October 10, 1997
lo 1 - 8	YB96717 - YB96724	October 10, 1996	October 10, 1997
Zone 1 - 6	YB96731 - YB96802	October 10, 1996	October 10, 1997
Java 1 - 60	YB97270 - YB97329	February 5, 1997	February 5, 1998
Java 61 - 76	YB97805 - YB97820	July 4, 1997	July 4, 1998
Java 85 - 92	YB97821 - YB97828	July 4, 1997	July 4, 1998
Java 77 - 84	YC08003 - YC08010	July 30, 1997	July 30, 1998

CLIMATE, TOPOGRAPHY and VEGETATION

The climate in the area of the Mars property is semi-arid, with hot summers and long, cold winters. Total precipitation averages about 30 cm annually, with moderate snowfalls during the winter months.

The property is situated 17 km east of the north end of Lake Laberge within the Lewis Plateau physiographic region, in an area of moderate topography. Elevations within the Java property range from 790 meters (2,600 feet) to 1 290 meters (4,234 feet) above sea level. There are no prominent topographic features. The property does not rise above treeline. Rock outcroppings are very rare, being limited to steep banks and sporadically on ridgetops. Glacial action has provided most exposures. There is less than 1% outcrop on the property. Vegetation is thick and consists mainly of pine and willow on southern and eastern exposures, and black spruce with alder on northern and western exposures.

SURFICIAL GEOLOGY

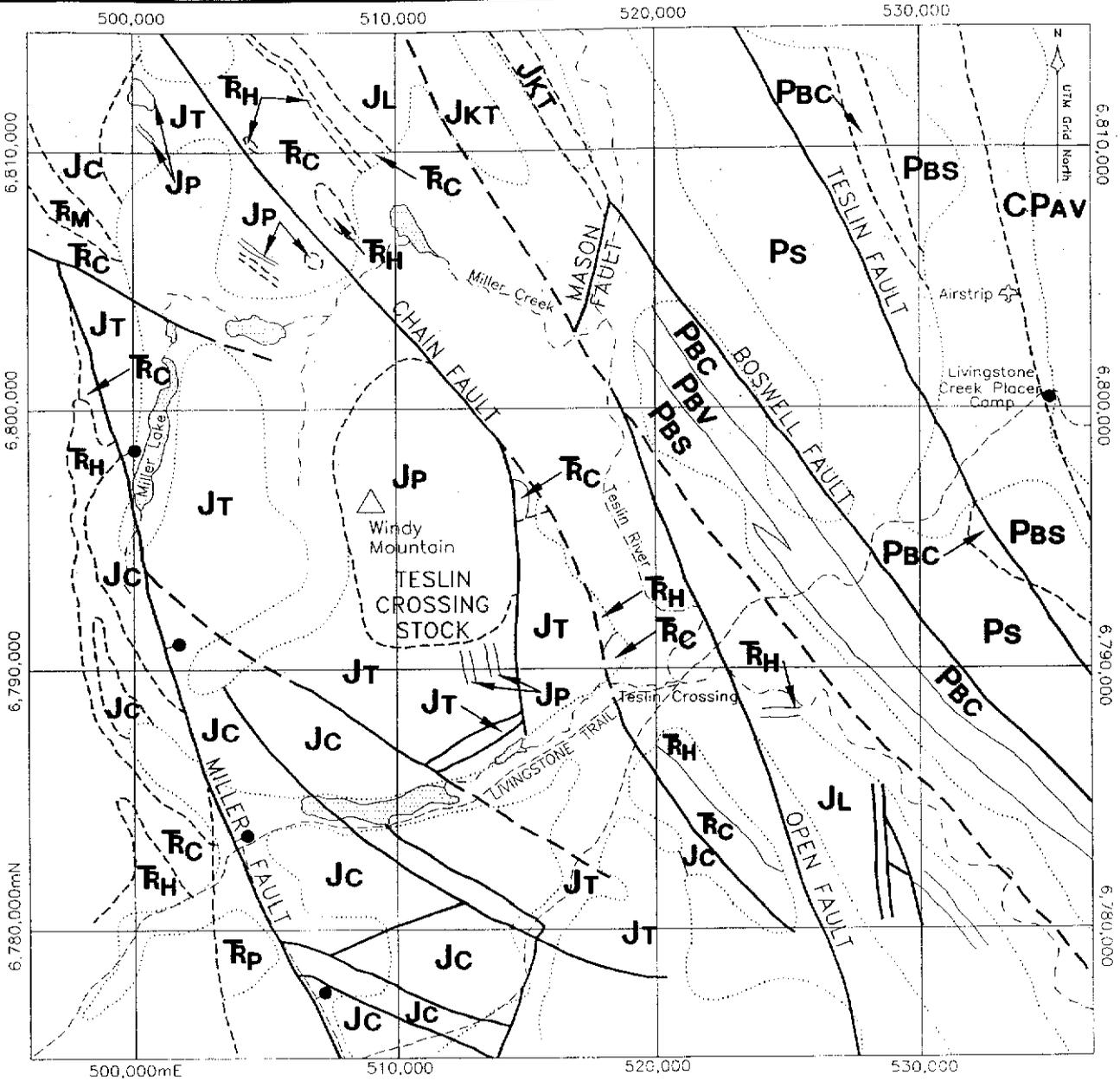
The surficial geology of the Laberge area has been mapped by Klassen and Morison (1987). The Laberge map sheet was completely covered 24,000 years ago by the McConnell ice sheet which advanced from southeast to northwest through the map area. In the Java property area, the till cover is bouldery, with a silty to sandy matrix, and is generally less than 1 m thick (although locally it can reach greater thicknesses). The till forms a discontinuous cover over the bedrock terrain and is associated with colluvium and bedrock fragments. Soil development in the area is poor (C. Mougeot, pers. comm, 1997) with little B horizon development due to the semi-arid climate.

GEOLOGY

Regional Geology

The regional geology of the Lake Laberge map area was first mapped by Bostock and Lees (1938), and more recently by Tempelman-Kluit (1984). Understanding of the tectonic setting of Stikinia terrane has been the focus of several recent papers (e.g., McMillan *et al.*, 1995) and research programs by several government geology agencies (e.g., Yukon Geology Program).

The Mars property is situated in Northern Stikinia Terrane near the eastern flank of the Coast Plutonic Complex (Figure 3). Stikinia Terrane is composed of Late Triassic Lewes River calc-alkaline volcanic island arc rocks and Upper Triassic to Middle Jurassic Laberge Group island arc derived sedimentary rocks. The Lewes River Group was deposited as an island arc complex during the Late Triassic and early to middle Jurassic. It comprises a 7,000 m thick succession of basalt, andesite, flow breccia and crystalline tuff, with associated sediment. In the Laberge area, the Lewes River Group is composed of a lowermost augite porphyritic basalt sequence, unconformably overlain by a reddish limestone member with intercalated argillite, greywacke and mudstones. The Laberge Group consists of 3000 m of fore-arc basin alluvial and marine conglomerate, sandstone and shale. In the Laberge area, the Laberge Group consists of a coarse polymictic cobble and boulder



LEGEND

- UPPER JURASSIC AND/OR CRETACEOUS**
 Tantalus Formation
 [JKT] Chert-pebble conglomerate
- MIDDLE JURASSIC**
 Teslin Crossing Stock
 [JP] Leucocratic monzonite, syenite and granite
- LOWER TO MIDDLE JURASSIC**
 Loberge Group
 [JL] Undifferentiated shale, greywacke and conglomerate
 [JT] Tanglefoot Formation Arkose
 [JC] Conglomerate Formation Conglomerate
- UPPER TRIASSIC TO JURASSIC**
 Lewes River Group
 [RC] Casca Member Shale, greywacke and limestone
 [RH] Hancock Member Limestone
 [RP] Provos Formation Volcanic breccia
- CARBONIFEROUS AND/OR PERMIAN**
 Anvil Allochthonous Assemblage
 [CPAV] Amphibolite

- LOWER AND MIDDLE PENNSYLVANIAN**
 Semenof Formation
 [Ps] Basalt
 Boswell Formation
 [PBS] Phyllite, greywacke, chert and chert conglomerate
 [PBC] Limestone
 [PBV] Basalt
- * Map and legend modified from Templeman-Kluit (1984)

- Limit of outcrop
- Geological boundary
- Fault, approximate, assumed
- Normal fault (circle on downthrown side)
- Winter tote trail



CAMDAN EXPLORATION INC.		
JAVA PROPERTY Regional Geology		
SCALE: 1 : 250 000	FILE: 154B_2.dwg	DATE: May 31st/98
NTS: 105 E	DRAWN:	FIGURE: 3

Table of Geological Formations

UPPER JURASSIC AND/OR CRETACEOUS

Tantalus Formation

JKT chert pebble conglomerate

MIDDLE JURASSIC

Teslin Crossing Pluton

JP Monzonite, syenite, granite.

LOWER TO MIDDLE JURASSIC

Laberge Group

JL Undifferentiated shale, greywacke and conglomerate

JT Tanglefoot Formation

Arkose

Jc Conglomerate Formation
Conglomerate

UPPER TRIASSIC TO JURASSIC

Lewis River Group

TRC Casca Member

Shale, greywacke and conglomerate.

TRH Hancock Member

Limestone

conglomerate, siltstones and argillite. The Tantalus conglomerate is an overlap assemblage that contains minor coal seams. The Laberge Group developed in a forearc basin above a southwest-dipping subduction zone, northeast of the Lewes River volcanic arc. The island arc complex collided against North America in the mid-Jurassic along what became an accretionary structure called the Teslin Suture Zone.

Intrusive rocks of Jurassic age are less common in the northern part of Stikinia Terrane than in the southern part; and Middle Jurassic plutons in north-central British Columbia and the Yukon tend to be calc-alkaline and felsic. The Teslin Crossing stock, a fine to medium grained equigranular to porphyritic monzonite with lesser syenite and granite, is unusual because of its alkalic chemistry (Hart, pers. comm., 1997). The Teslin Crossing stock was emplaced in local pull-apart basins in Laberge Group strata (Woodsworth, et al., 1991).

A 1989 regional stream sediment sampling release (Open File 1960) shows some elevated copper, gold, lead, zinc, barium and silver values in the Java property area. The government aeromagnetic map for 105E/7 shows a distinct half-doughnut shaped magnetic high over the Java property.

Structure

Faulting, lithologic attitudes, and other regional trends are generally north-west, with some younger north-east structures. The northwest trending Teslin Fault, 20 km east of the JAVA property is the largest structure in the area. The Chain Fault cuts along the east side of the property. Numerous smaller northwest trending faults cut Lewes River Group and Laberge Group west of the JAVA property.

Property Geology

The severe lack of outcrop on the property limits our ability to interpret that which exists.

Property geology, shown in Figure 4 is modified from Tempelman-Kluit (1984). Descriptions of the rock units are as follows:

Lewes River Group (Upper Triassic)

Hancock: Massive, resistant, white weathering re-crystallized limestone and thick bedded limestone is exposed along the ridges in the northern and northeastern portions of the property. The limestone is thick bedded and coarse crystalline.

Laberge Group (Early-Middle Jurassic)

Gritty, coarse grained arkose and feldspathic sandstone, granite pebble conglomerate and brown shale of the Tanglefoot Formation are exposed in places along the south facing ridge near the southern and eastern border of the property. Parts of the Tanglefoot Formation may be Tantalus Formation (C. Hart, pers. comm., 1996). The Laberge Group rocks contain abundant pyrite close to the intrusive

contact, and limonite-rich fracture surfaces are common in the black argillite. Arkosic rocks in the central and south-central portions of the property contain abundant crystal fragments of predominantly feldspar and quartz. The tuffaceous matrix and abundance of crystal fragments suggest a proximal source.

Intrusive Rocks

Central and western portions of the property are intruded by sill like bodies. These bodies are several 10's of metres wide and are generally zoned from central portions to outer rims. One instance of a gradational change to a subvolcanic phase (trachytic) was observed. The sills intrude arkosic rocks of similar composition. Quartz crystal regrowths and alteration of feldspar lithic fragments in the arkose resemble the silicification and alteration found within the northeastern border phases of the sills (quartz monzonitic). The southwestern portions tend to be tan-pink in colour with zoned orthoclase feldspars to 1 cm. These phases are feldspar crowded, micro-fractured syenites. Samples of this material were not anomalous. The intrusive rocks at the southern border of the property are more mafic (dioritic) in composition and do not exhibit zoning. They contain mafic clasts to 5 cm in size, some of which contain minor sulphides but returned only slightly elevated copper. The feldspars in this area are commonly sausseritized and the hornblende chloritized.

Most intrusive rocks exist along narrow, west to northwest trending ridges where the more resistant material has been exposed by glacial action. The ridges are flanked by sedimentary and occasionally volcanic lithologies. The sill-like bodies dip northeastward. Trachytic rocks exist as border phases to intrusive rocks and as flows exist on the property.

MINERALIZATION

Newly discovered mineralization was located at the intrusive-limestone contact in the north-central area of the property. This is thought to be the area where mineralized float was described in Minfile Occurrence 105E 027. Mineralized trachyte (border phase) and limestone skarn both carried appreciable amounts of sulphides. The Skarn zone was not exposed. Lightly mineralized trachyte chips were located in the debris from a ground squirrel burrow. Small (1 square meter) 'kill zones' were located in the dense brush-covered eastern slope of the ridge. Digging on these areas lacking vegetation resulted in the exposure of heavily mineralized rock. Exposure was made in only two areas due to increasing depth of overburden and increasing size and density of shrubbery.

Best assays from the zone returned as high as 18 031 ppm Cu (DO97R008), 7.1% Zn (DO97R027), and 1 639 ppb Au (LW SKARN 05) Bismuth values returned as high as 1 513 ppm.

The mineralization consisted of massive to near massive chalcopyrite in silicified and brecciated trachyte. Later cross-cutting (<.5 cm) pyrite veins are flat lying and dip

gently to the west. Closer to the limestone contact, the mineralization consist of massive to semi-massive magnetite with sphalerite. Several half meter long slabs of this material were located (tripped over) in the dense brush.

1997 EXPLORATION PROGRAM

Reconnaissance Rock Geochemistry

A total of 89 rock, and 2 soil, sample were collected during the 1997 exploration program on the property. Once again, the lack of outcrop limited the number of samples which could be collected.

The first half of the rocks were sent to Northern Analytical for analysis. Northern Analytical did gold by fire assay and sent pulps off to International Plasma Laboratory Limited (IPL) for 32 element ICP analysis. The second half of the season's samples were sent off to Acme Analytical Labs for gold plus 32 element ICP analysis.

The 1997 program could best be described as a reconnaissance program designed to provide an initial understanding of the geology of the area and to obtain background values for local lithologies.

Too, survey control was established with the cutting of a 1.5 kilometer line from the south central boarder northward. This line will be used for maintaining grid control on subsequent programs.

Geophysics

The Java property is associated with a distinct half donut-shape total field magnetic high of up to 58,800 gammas as shown on the Geological Survey of Canada Aeromagnetic map for 105E/7.

CONCLUSIONS

Many copper gold porphyry deposits have marginal skarn deposits. The bulk of the intrusive has yet to be examined. The skarn occurrence has returned gold and copper values in proportion to known deposits (>0.4% Cu with >0.5 g/t Au in intrusive and 1.5% Cu with 1.5 g/t Au in skarn). The lack of exposure makes exploration difficult but not impossible. Mafic clasts in the southern intrusive rocks are also typical of upper level mineralized zones within copper porphyry deposits. Although 1997 assay results were not highly anomalous, they did show encouragement (and BC97R066: 721 ppm Cu).

Other skarn zones will likely be discovered, such as the one located late in the program. This zone is situated on the south facing slope about three kilometers south of the main skarn zone (BC97R063: 481 ppm Cu, 93 ppm Bi and 76 ppb Au).

A summary of anomalous rock geochemistry results is given below:

	# of Samples		# of Samples
Gold (> 100 ppb)	9	Copper (> 1 000 ppm)	14
Gold (> 500 ppb)	2	Copper (> 5 000 ppm)	7
Gold (>1 000 ppb)	1	Copper (>10 000 ppm)	2

RECOMMENDATIONS

An airborne, multi-parameter geophysical survey should be done to facilitate target evaluation

Areas of known or suspected mineralization should be defined. Specifically, the Skam Zone should be evaluated by:

- 1) ground magnetic survey
- 2) close spaced soil grid
- 3) detailed mapping

The southern intrusives should also be evaluated by:

- 1) close spaced soil grid
- 2) close spaced rock sampling
- 3) detailed mapping

REFERENCES

- Hart, C.J.R., 1997, Paper on the Geology of the Teslin Crossing stock (Title unknown), in press.
- Indian Affairs and Northern Development, 1995, Yukon Minfile - 105E, Laberge. Exploration and Geological Services Division, Indian and Northern Affairs Canada, Yukon Region.
- McMillan, W.J., Thompson, J.F.H., Hart, C.J.R. and Johnston, S.T., 1995, Regional geological and tectonic setting of porphyry deposits in British Columbia and Yukon Territory. *In:* Schroeter, T. (ed.), Porphyry Deposits of the Northwestern Cordillera of North America, Canadian Institute of Mining and Metallurgy and Petroleum, Special Volume 46, pp. 40-57.
- Pangman, P.G., 1973, A Petrologic Study of the Windy Mountain Pluton, Yukon Territory. Unpublished B.Sc. thesis, Queen's University, Kingston, Ontario, 69 p.
- Pangman, P. and VanTassell, R.E., 1972, Geological and Geochemical Report on the TUV 1 to 24 Mineral Claims, Miller Creek Area, Whitehorse Mining District. United Keno Hill Mines Ltd., Assessment Report No. 060152.
- Tempelman-Kluit, K.J., 1984, Geology maps of Laberge (105E), and Carmacks (115I). Geological Survey of Canada, Open File 1101.
- Wheeler, J.O. and McFeely, P. (comp.), 1991, Tectonic assemblage map of the Canadian Cordillera and adjacent parts of the United States of America. Geological Survey of Canada, Map 1712A.
- Woodsworth, G.J., Anderson, R.G. and Armstrong, R.I., 1991, Plutonic regimes. *In:* Geology of the Cordilleran Orogen in Canada, Gabrielse, H. and Yorath, C.J. (eds.), Geological Survey of Canada, Geology of Canada, No. 4, p. 491-531.

STATEMENT OF QUALIFICATIONS

I, D. Ouellette, hereby certify that:

1. I am a geologist with Camdan Exploration Inc., 55 Boswell Crescent, Whitehorse, Yukon.
2. I hold a Bachelor of Science (Specialization) Degree (1984) from the Brandon University.
3. I have been working in the field of mineral exploration since May of 1977.
4. I am a director of Camdan Exploration Inc. and hold a 50% interest in the company.
5. I am the author of this report on the JAVA property, Whitehorse Mining District, Yukon, which is based on my personal examination of the ground during June and August , 1997.
6. I consent to the use of this report in a company report or statement, provided that no portion is used out of context in such a manner as to convey a meaning differing materially from that set out in the whole.

January 20, 1997

D. Ouellette, B.Sc.

STATEMENT OF COSTS

Geological, Geochemical and Geophysical

A. Fieldwork

D. Ouellette, B.Sc., Camdan Exploration
Fieldwork, June 2-20, 1998
19 days @ \$350/day \$6,650.00

B. Carter, Geological Assistant
June 4-19, June 25-30, 1998
22 days @ \$250/day \$5,500.00

B. Geochemical Analysis

Northern Analytical Lab, Whitehorse
Acme Analytical Laboratories Ltd.
89 rock samples, 2 soil samples \$1,911.14
Thin Section Prep - Vancouver Petrographics \$ 323.68

C. Survey Control

Aurum Geological Consultants - 2.6 line km \$3,263.50

D. Support Costs

Helicopter (Heli-Dynamics, Whitehorse, Yukon) \$ 9,598.61
Truck Rental \$ 107.00
Camp Rental \$4,247.40
Freight \$ 84.15
Supplies \$ 113.88

E. Research and Report Writing

D. Ouellette, B.Sc., Field Preparation
May 31, June 1, 1998 \$ 749.00
Data Compilation, Data Interpretation, Report Writing, Drafting \$5,350.00

TOTAL VALUE OF 1997 ASSESSMENT WORK \$37,898.36

25/06/97

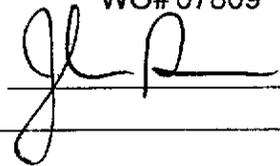
Assay Certificate

Page 1

Camdan Exploration

WO# 07809

Certified by



Sample #	Au ppb
BC97 R001	13
BC97 R002	6
DO97 R001	5
DO97 R002	26
DO97 R003	23
DO97 R004	<5
DO97 R005	5
DO97 R006	<5
DO97 R007	<5
DO97 R008	164
DO97 R009	935
DO97 R010	184
DO97 R011	23
DO97 R012	<5
DO97 R013	10
DO97 R014	5
DO97 R015	9
DO97 R016	<5
DO97 R017	<5
DO97 R018	7
DO97 R019	<5
DO97 R020	<5
DO97 R021	5
DO97 R022	9
DO97 R023	<5
DO97 R024	5
DO97 R025	<5
DO97 R026	11
DO97 R027	186
DO97 R028	<5



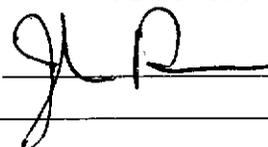
25/06/97

Assay Certificate

Page 2

Camdan Exploration

WO# 07809

Certified by 

Sample #	Au ppb
DO97 R029	<5
DO97 R030	<5
DO97 R031	<5
DO97 R032	14
DO97 R033	<5
DO97 R034	17





GEOCHEMICAL ANALYSIS CERTIFICATE



CAMDAN Exploration PROJECT LABERGE REGIONAL File # 97-4037

55 Boswell Crescent, Whitehorse YT Y1A 4T2 Submitted by: Lori Walton

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
LW EGYPT 01	1	12	3	46	<.3	5	6	545	2.36	<2	<8	<2	4	62	<.2	<3	<3	59	1.08	.062	9	14	.72	79	.06	<3	1.11	.08	.09	3	<5	<1	<2
LW EGYPT 03	1	11	<3	58	<.3	5	9	552	2.92	<2	<8	<2	3	67	<.2	<3	<3	76	1.06	.064	10	15	1.25	148	.07	<3	1.40	.13	.06	<2	<5	<1	<2
LW EGYPT 05	1	14	3	58	<.3	4	6	409	2.43	<2	12	<2	2	54	<.2	<3	<3	65	.56	.068	10	15	.80	104	.11	<3	.99	.17	.07	3	<5	<1	4
LW EGYPT 07	1	9	<3	48	<.3	5	7	544	2.23	<2	9	<2	3	29	<.2	<3	6	57	.32	.068	9	14	.22	54	.05	<3	.67	.08	.04	<2	<5	1	<2
LW EGYPT 09	1	14	<3	57	<.3	8	8	528	2.66	<2	<8	<2	3	63	.2	<3	8	70	1.08	.065	11	15	.92	126	.07	<3	1.47	.09	.06	<2	<5	<1	<2
LW EGYPT 11	1	8	6	25	<.3	4	3	202	1.10	2	<8	<2	4	11	<.2	<3	8	11	.11	.032	12	12	.25	76	<.01	<3	.52	.03	.13	4	<5	1	2
LW SKARN 01	1	4476	20	419	3.4	5	20	136	4.62	<2	<8	<2	12	361	2.8	<3	32	11	5.51	.145	27	10	.18	19	.07	<3	7.30	.31	.05	2	<5	2	11
LW SKARN 02	1	5010	15	439	3.6	11	22	164	4.91	2	<8	<2	12	334	2.8	<3	56	13	5.64	.149	19	13	.17	50	.09	<3	7.30	.28	.04	2	<5	2	120
LW SKARN 03	1	6517	11	684	4.6	9	19	213	4.91	<2	19	<2	9	216	3.7	<3	19	14	4.21	.123	16	13	.20	12	.07	3	6.07	.25	.04	<2	<5	3	42
LW SKARN 04	5	3765	31	372	3.7	6	9	247	1.53	<2	<8	<2	37	13	2.4	<3	163	32	.32	.061	31	16	.47	28	.06	<3	.73	.05	.08	4	<5	<1	133
LW SKARN 05	1	4244	25	57	31.8	<1	<1	975	22.66	73	<8	<2	8	5	<.2	<3	1110	29	8.14	.055	4	5	.04	4	.03	4	.71	<.01	.02	279	<5	<1	1639
LW SKARN 06	3	2589	20	351	2.4	7	8	172	1.09	<2	<8	<2	38	11	2.4	<3	44	23	.31	.041	28	16	.30	54	.07	<3	.49	.05	.11	6	<5	<1	68
LW SKARN 07	9	8667	22	197	19.5	<1	4	917	8.80	3	<8	<2	20	29	1.1	<3	285	22	2.46	.054	17	9	.51	23	.06	<3	2.17	.03	.07	52	<5	<1	399
LW SKARN 08	9	6956	59	657	12.0	5	15	332	2.78	2	<8	<2	42	12	6.3	<3	59	23	.43	.057	28	12	.43	43	<.01	<3	.74	.04	.12	4	<5	<1	56
LW SKARN 09	34	3046	41	416	9.3	4	6	183	1.73	<2	<8	<2	38	9	2.8	<3	43	22	.32	.049	23	14	.31	36	.04	<3	.51	.04	.09	2	<5	<1	35
LW DIVE 01	1	62	15	52	<.3	7	9	521	2.46	<2	<8	<2	7	142	<.2	<3	6	56	1.45	.088	29	19	.90	709	.06	3	1.19	.12	.24	2	<5	<1	6
LW DIVE 02	1	27	6	64	<.3	8	10	539	3.51	<2	<8	<2	2	47	<.2	<3	<3	99	1.36	.067	6	30	1.24	92	.17	3	2.13	.05	.08	4	<5	<1	6
LW DIVE 03	1	19	16	50	<.3	8	7	512	2.23	2	8	<2	4	71	<.2	<3	4	55	.77	.096	27	16	.82	517	.03	6	1.11	.09	.20	<2	<5	<1	2
LW DIVE 06	1	15	10	22	<.3	3	1	47	.35	<2	14	<2	7	6	<.2	<3	8	1	.04	.011	4	11	.03	71	<.01	<3	.27	.06	.15	6	<5	<1	2
RE LW DIVE 06	1	15	11	23	<.3	3	1	52	.36	<2	8	<2	6	6	<.2	<3	10	1	.04	.012	3	12	.03	89	<.01	<3	.29	.07	.16	6	<5	<1	2
LW GK 01	3	13	19	37	<.3	9	6	397	1.92	<2	8	<2	23	47	.3	<3	5	41	.47	.056	27	19	.75	93	.06	<3	1.42	.05	.11	2	<5	<1	<2
LW GK 02	7	41	6	61	<.3	48	21	829	4.17	37	<8	<2	3	571	.5	<3	5	110	4.90	.143	6	59	1.87	72	.11	<3	2.00	.18	.05	2	<5	<1	2
LW GK 03	3	96	11	83	<.3	36	13	205	2.48	9	<8	<2	2	65	.3	<3	4	56	1.84	.098	6	34	.52	62	.17	<3	1.93	.24	.06	3	<5	<1	2
BC97R063	<1	12	12	50	<.3	8	8	491	2.27	<2	<8	<2	5	63	.2	<3	<3	54	1.10	.093	22	14	.91	478	.16	<3	1.07	.07	.19	2	<5	<1	<2
BC97R064	2	17	17	51	<.3	9	9	522	2.66	<2	<8	<2	5	58	.2	3	<3	63	1.01	.097	30	17	.78	445	.11	3	1.14	.09	.22	2	<5	<1	5
BC97R067	1	13	16	49	<.3	9	8	521	2.24	<2	<8	<2	6	94	<.2	<3	8	62	1.17	.097	29	14	.86	970	.16	5	1.01	.09	.24	<2	<5	<1	<2
BC97R069	2	17	12	48	<.3	6	8	416	2.12	<2	<8	<2	9	56	.2	<3	<3	67	.64	.081	28	10	.50	623	.18	3	.81	.09	.30	2	<5	<1	<2
BC97R070	<1	6	4	21	<.3	4	3	261	.66	<2	11	<2	2	61	.3	<3	5	15	1.89	.025	4	11	.24	35	.03	<3	.44	.03	.08	2	<5	<1	8
DO97R102	2	197	13	58	.5	4	1	70	.88	<2	<8	<2	36	12	.5	<3	6	20	.20	.042	23	13	.14	86	.08	<3	.38	.06	.13	3	<5	1	13
STANDARD C3/AU-R	26	66	36	162	5.4	36	12	734	3.64	54	21	<2	19	30	24.2	14	21	80	.59	.092	18	171	.67	145	.10	17	1.96	.04	.17	20	<5	1	481

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.

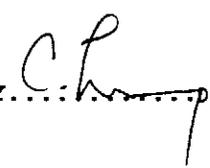
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 5 1997

DATE REPORT MAILED: Aug 11/97

SIGNED BY:  P. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

CAMDAN Exploration File # 97-3053 Page 1
55 Boswell Crescent, Whitehorse YT Y1A 4T2

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
DO97R035	1	11	8	37	<.3	7	4	431	1.23	3	<.5	<.2	3	62	.3	<.2	<.2	12	.72	.043	8	13	.38	80	<.01	3	.78	.04	.13	4	<.5	<.1	1
DO97R036	1	9	6	36	<.3	9	3	387	1.30	4	<.5	<.2	3	96	.2	<.2	<.2	12	1.13	.055	10	14	.36	103	<.01	5	.79	.06	.16	2	<.5	<.1	1
DO97R037	1	8	5	49	<.3	5	2	418	1.04	2	<.5	<.2	4	58	.6	2	<.2	13	.74	.056	11	12	.40	76	<.01	<.3	.72	.04	.13	3	<.5	<.1	<.1
DO97R038	1	8	4	26	<.3	4	3	222	.88	2	<.5	<.2	3	30	<.2	<.2	<.2	15	.75	.036	10	16	.26	68	<.01	3	.53	.06	.10	2	<.5	<.1	<.1
DO97R039	1	13	5	34	<.3	6	7	942	2.00	2	<.5	<.2	8	313	.3	<.2	<.2	67	6.13	.085	38	10	.65	312	.08	7	.99	.07	.17	2	<.5	<.1	<.1
DO97R040	2	13	12	43	<.3	7	7	412	2.29	3	<.5	<.2	10	92	<.2	<.2	<.2	71	.64	.096	28	11	.42	598	.19	7	.89	.12	.27	2	<.5	<.1	<.1
DO97R041	<.1	15	24	53	<.3	4	6	504	2.32	<.2	<.5	<.2	10	95	<.2	<.2	4	63	1.40	.095	29	10	.66	164	.19	<.3	.87	.08	.12	3	<.5	<.1	1
DO97R042	2	11	18	52	<.3	7	7	447	2.29	<.2	5	<.2	10	118	<.2	2	<.2	64	.88	.096	28	11	.43	264	.18	7	1.13	.10	.13	2	<.5	1	1
DO97R043	1	12	30	123	<.3	5	9	533	2.66	3	<.5	<.2	9	60	.9	<.2	<.2	78	1.71	.092	22	11	.73	201	.13	4	.84	.07	.13	2	<.5	<.1	1
DO97R044	1	5	8	38	<.3	7	8	572	2.47	<.2	<.5	<.2	10	123	.2	<.2	2	73	1.23	.096	30	12	.68	371	.19	7	1.04	.12	.17	2	<.5	<.1	<.1
DO97R045	<.1	11	17	43	<.3	5	6	449	2.28	3	<.5	<.2	11	93	<.2	<.2	<.2	63	.96	.097	27	10	.45	183	.18	5	1.03	.09	.12	3	<.5	<.1	<.1
DO97R046	1	8	24	57	<.3	6	9	680	2.71	3	<.5	<.2	9	78	<.2	<.2	<.2	81	1.71	.091	31	12	1.04	649	.19	7	1.21	.12	.29	<.2	<.5	<.1	<.1
DO97R047	1	9	11	43	<.3	3	8	438	2.25	<.2	<.5	<.2	8	87	<.2	<.2	<.2	76	.97	.100	30	11	.48	615	.18	<.3	.86	.08	.27	2	<.5	<.1	<.1
RE DO97R047	1	9	14	42	<.3	6	7	439	2.25	3	6	<.2	9	88	<.2	<.2	<.2	76	.98	.102	30	11	.48	617	.18	3	.83	.09	.27	2	<.5	<.1	<.1
DO97R048	1	15	14	33	<.3	8	6	352	2.26	<.2	<.5	<.2	10	91	.2	<.2	<.2	68	.79	.097	30	11	.39	585	.19	4	.92	.11	.25	2	<.5	1	<.1
DO97R049	<.1	10	15	43	<.3	4	7	311	2.17	2	<.5	<.2	9	135	.3	<.2	<.2	50	.78	.103	26	9	.46	146	.18	6	1.07	.08	.14	3	<.5	<.1	<.1
DO97R050	1	8	14	35	<.3	6	6	306	2.15	<.2	<.5	<.2	9	85	.3	<.2	<.2	62	.99	.096	27	10	.34	244	.17	5	1.02	.09	.15	<.2	<.5	<.1	<.1
DO97R051	<.1	2	18	12	<.3	1	<.1	110	.35	<.2	<.5	<.2	8	4	<.2	<.2	<.2	1	.03	.014	5	8	.03	52	<.01	3	.28	.05	.13	3	<.5	<.1	<.1
DO97R052	1	25	21	37	<.3	7	7	400	2.00	3	5	<.2	6	114	<.2	<.2	2	57	1.69	.103	23	17	.48	1434	.18	7	1.14	.11	.11	3	<.5	<.1	1
DO97R053	<.1	13	16	37	<.3	5	7	444	2.15	2	<.5	<.2	6	57	.4	<.2	<.2	62	1.40	.107	23	16	.57	314	.18	5	1.13	.09	.09	4	<.5	<.1	<.1
DO97R054	1	13	7	48	<.3	8	3	323	1.85	8	<.5	<.2	4	18	.3	3	2	25	.25	.042	10	15	.43	78	.01	<.3	.90	.06	.15	3	<.5	<.1	2
DO97R055	<.1	11	19	38	<.3	5	9	348	2.03	5	<.5	<.2	6	82	<.2	<.2	<.2	59	.78	.099	26	13	.87	1320	.18	6	.87	.13	.33	2	<.5	1	<.1
DO97R056	2	25	14	42	<.3	10	8	567	2.43	<.2	<.5	<.2	6	94	<.2	<.2	<.2	59	1.92	.093	26	17	1.02	486	.02	4	1.24	.08	.15	<.2	<.5	1	5
DO97R057	1	11	18	56	<.3	4	8	745	2.78	<.2	<.5	<.2	6	88	<.2	<.2	2	66	2.40	.108	23	12	.90	311	.15	4	1.53	.08	.11	3	<.5	<.1	2
DO97R058	1	48	8	99	<.3	21	13	445	2.96	9	<.5	<.2	2	175	.6	<.2	5	73	3.33	.068	10	35	1.08	192	.01	4	1.41	.06	.22	<.2	<.5	<.1	2
DO97R059	<.1	21	7	14	<.3	1	4	202	.66	3	<.5	<.2	8	81	.2	<.2	2	42	.59	.064	15	8	.08	1108	.01	4	.23	.07	.12	2	<.5	<.1	1
DO97R060	1	6	10	35	<.3	8	8	544	2.20	2	<.5	<.2	9	91	<.2	<.2	6	75	1.46	.099	31	11	.53	460	.17	3	1.04	.10	.19	2	<.5	<.1	<.1
DO97R061	<.1	11	11	38	<.3	5	8	703	2.70	<.2	<.5	<.2	8	94	<.2	<.2	<.2	83	2.26	.095	32	15	.84	545	.20	3	.94	.10	.31	2	<.5	<.1	<.1
DO97R062	<.1	8897	31	2945	16.1	<.1	21	1702	17.83	122	<.5	<.2	10	2	31.4	<.2	1513	27	11.01	.031	5	10	.10	30	.07	4	1.24	.01	.01	22	<.5	3	217
DO97R063	<.1	481	16	236	3.9	<.1	2	1003	52.17	8	<.5	<.2	5	1	<.2	<.2	93	17	.95	.012	1	1	.04	27	.02	<.3	.11	.02	.01	15	<.5	5	76
BC97R004	2	6	21	15	<.3	3	1	415	.44	2	<.5	<.2	7	4	<.2	<.2	6	1	.03	.010	5	9	.01	51	<.01	<.3	.30	.08	.19	3	<.5	<.1	1
BC97R065	<.1	17	15	54	<.3	6	8	523	2.25	2	<.5	<.2	6	111	.2	<.2	2	65	1.50	.097	28	17	.78	643	.13	<.3	1.07	.09	.21	2	<.5	<.1	1
BC97R066	<.1	721	18	55	.3	7	10	561	2.84	<.2	<.5	<.2	5	132	.4	<.2	6	79	1.23	.102	30	16	.94	1106	.15	<.3	1.05	.13	.28	<.2	<.5	<.1	<.1
STANDARD C3/AU-R	27	68	36	170	5.8	36	12	744	3.67	53	25	<.2	21	31	24.7	17	19	85	.62	.095	19	176	.66	156	.10	17	2.01	.05	.18	19	<.5	3	502

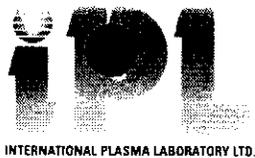
ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2 SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 23 1997 DATE REPORT MAILED: July 2/97 SIGNED BY: *C. Leong* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



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	ppb															
DO97S001	3	26	15	76	<.3	24	8	193	3.20	10	<5	<2	<2	21	<.2	<2	<2	95	.17	.026	8	36	.58	128	.06	<3	2.21	.01	.06	<2	<5	1	20
DO97S002	2	18	10	49	<.3	21	8	252	2.50	7	<5	<2	2	42	<.2	2	<2	65	.38	.028	9	38	.60	194	.08	<3	1.69	.01	.10	<2	<5	<1	1
RE DO97S002	2	19	10	47	<.3	22	8	247	2.46	6	<5	<2	2	41	<.2	<2	<2	64	.37	.026	8	37	.59	190	.08	<3	1.66	.01	.10	<2	<5	<1	1

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



CERTIFICATE ANALYSIS

iPL 97F0539

2036 Columbia Street
 Vancouver, B.C.
 Canada V5Y 3E1
 Phone (604) 879-7878
 Fax (604) 879-7898

Northern Analytical Laboratories

36 Samples

Out: Jun 27, 1997 In: Jun 25, 1997

[053915:00:48:79062797]

Project : WO# 7809 Camdan Exp1
 Shipper : Norm Smith
 Shipment: PO#: 332318
 Analysis: ICP(AqR)30

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B311	36	Pulp	Received as it is, no sample prep.	12M/Disc	OOM/Disc

Analytical Summary

##	Code	Method	Units	Description	Element	Limit	Limit
						Low	High
01	0721	ICP	ppm	Ag ICP	Silver	0.1	99.9
02	0711	ICP	ppm	Cu ICP	Copper	1	20000
03	0714	ICP	ppm	Pb ICP	Lead	2	20000
04	0730	ICP	ppm	Zn ICP	Zinc	1	20000
05	0703	ICP	ppm	As ICP	Arsenic	5	9999
06	0702	ICP	ppm	Sb ICP	Antimony	5	999
07	0732	ICP	ppm	Hg ICP	Mercury	3	9999
08	0717	ICP	ppm	Mo ICP	Molybdenum	1	999
09	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	999
10	0705	ICP	ppm	Bi ICP	Bismuth	2	9999
11	0707	ICP	ppm	Cd ICP	Cadmium	0.1	99.9
12	0710	ICP	ppm	Co ICP	Cobalt	1	9999
13	0718	ICP	ppm	Ni ICP	Nickel	1	9999
14	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	9999
15	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	999
16	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	9999
17	0729	ICP	ppm	V ICP	Vanadium	2	9999
18	0716	ICP	ppm	Mn ICP	Manganese	1	9999
19	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	9999
20	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	9999
21	0731	ICP	ppm	Zr ICP	Zirconium	1	9999
22	0736	ICP	ppm	Sc ICP	Scandium	1	9999
23	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
24	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	9.99
25	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	9.99
26	0712	ICP	%	Fe ICP	Iron	0.01	9.99
27	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	9.99
28	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	9.99
29	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
30	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

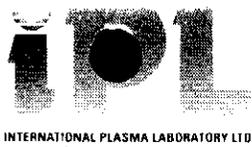
Document Distribution

1 Northern Analytical Laboratories	EN RT CC IN FX
105 Copper Road	1 2 2 2 1
Whitehorse	DL 3D EM BT BL
YT Y1A 2Z7	0 0 0 0 0
Canada	
Att: Norm Smith	Ph: 403/668-4968
	Fx: 403/668-4890
	Em: NAL@hypertech.yk.ca

EN=Envelope # RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals: 2=Copy 2=Invoice 0=3 1/2 Disk
 DL=Download 3D=3 1/2 Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C030901

* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu



CERTIFICATE ANALYSIS

iPL 97F0539

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client : Northern Analytical Laboratories
Project: W0# 7809 Camdan Expl

36 Samples
36=Pulp

[053915:00:48:79062797]

Out: Jun 27, 1997
In : Jun 25, 1997

Page 1 of 1
Section 1 of 1

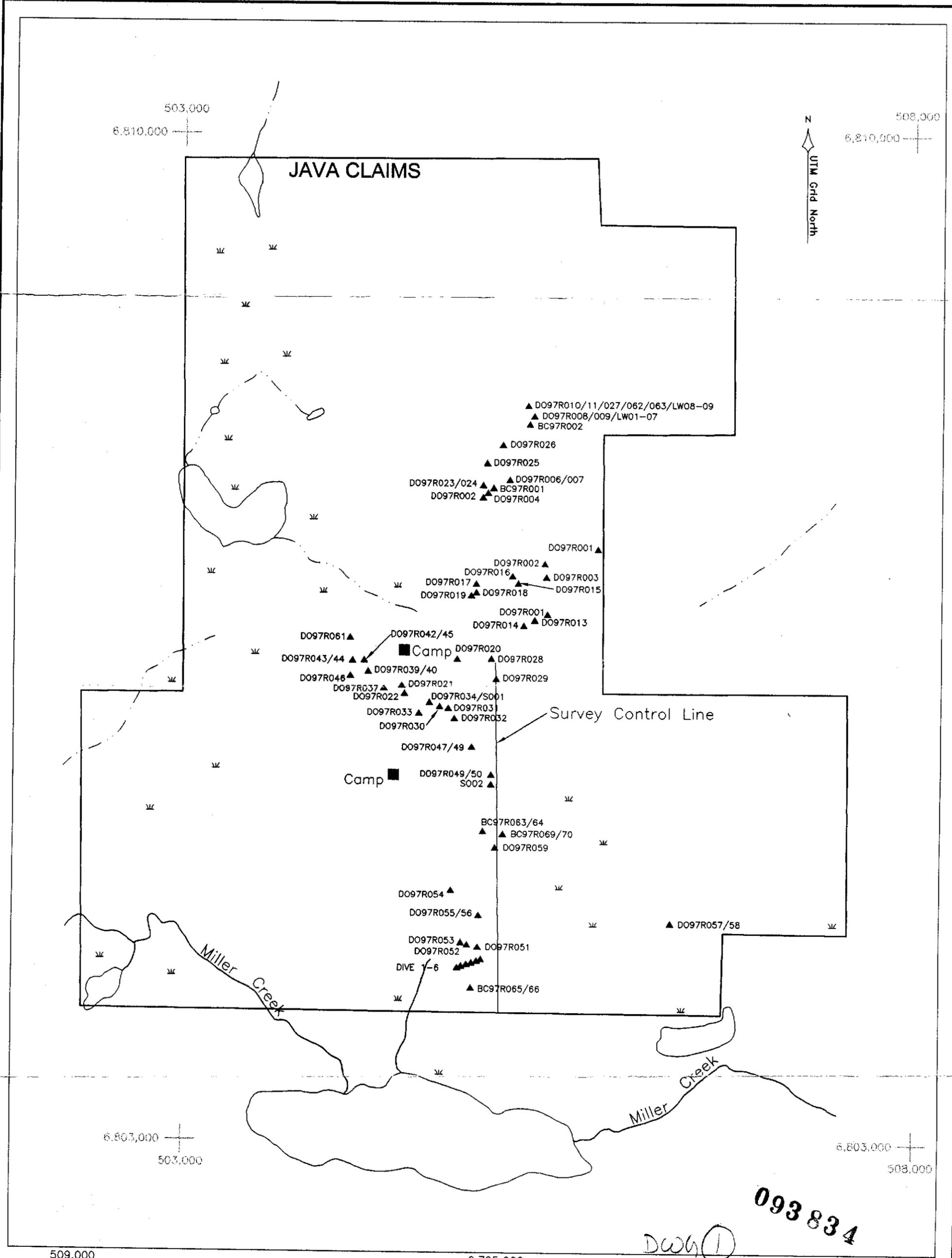
Sample Name	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
BC97 R001	P 0.2	47	33	122	38	5	<	3	<	<	0.8	15	21	97	<	80	103	361	15	203	10	10	0.18	3.32	1.34	2.76	1.42	0.99	0.49	0.08
BC97 R002	P 0.6	384	24	142	32	<	<	7	<	<	1.6	21	68	94	<	64	83	259	21	197	5	2	0.21	3.80	2.28	3.33	1.60	0.43	0.33	0.18
D097 R001	P 0.1	7	5	19	12	<	<	<	<	<	<	2	5	36	<	78	16	195	3	81	2	1	0.05	0.72	1.74	0.70	0.40	0.05	0.07	0.03
D097 R002	P <	28	8	89	15	<	<	5	<	<	0.3	11	21	44	<	65	107	365	5	48	5	6	0.12	1.90	0.52	3.00	1.16	0.25	0.16	0.08
D097 R003	P <	28	4	64	9	<	<	1	<	<	0.5	14	9	155	<	29	75	561	17	105	9	3	0.14	1.97	1.65	2.89	1.23	0.08	0.07	0.15
D097 R004	P 0.1	5	18	17	21	<	<	<	<	<	0.1	7	12	53	<	39	34	101	6	96	9	2	0.15	1.17	1.04	0.49	0.19	0.07	0.26	0.07
D097 R005	P 0.2	26	22	134	46	<	<	2	<	<	<	14	31	290	<	79	145	179	8	319	5	4	0.10	5.44	2.56	4.52	0.98	1.05	0.64	0.08
D097 R006	P <	28	9	13	21	<	<	<	<	<	<	5	4	87	<	20	28	163	27	87	12	1	0.08	1.32	0.78	1.48	0.24	0.09	0.12	0.12
D097 R007	P <	13	10	17	13	<	<	2	<	<	<	5	5	115	<	22	22	144	29	132	8	1	0.08	1.07	0.93	0.79	0.31	0.08	0.16	0.12
D097 R008	P 21.0	18031	27	649	62	<	<	<	<	<	5.3	12	4	16	<	19	12	181	17	230	5	1	0.04	5.85	4.20	3.40	0.17	0.03	0.15	0.20
D097 R009	P 13.7	15682	11	866	21	<	<	2	<	567	6.7	33	13	17	61	18	14	688	12	137	7	1	0.04	4.12	4.52	9.08	0.20	0.01	0.10	0.14
D097 R010	P 4.4	715	16	186	<	<	<	3	<	173	3.2	6	4	20	12	4	33	1056	<	3	8	<	0.01	0.09	0.23	24%	0.08	<	0.02	0.01
D097 R011	P 1.5	1924	12	285	<	<	<	11	<	<	2.4	14	11	29	<	42	21	82	34	16	4	2	0.08	0.28	0.48	2.45	0.12	0.04	0.06	0.17
D097 R012	P 0.2	52	11	34	13	<	<	1	<	<	0.3	7	21	57	<	44	46	102	8	69	4	3	0.11	0.88	1.03	0.83	0.21	0.09	0.17	0.07
D097 R013	P <	35	31	49	<	<	<	1	<	<	0.3	12	6	164	<	21	85	651	30	47	11	3	0.16	1.20	1.25	2.81	1.04	0.12	0.06	0.11
D097 R014	P <	26	20	64	7	<	<	2	<	<	0.4	12	5	221	<	33	75	613	27	174	11	2	0.18	1.51	1.78	2.62	0.56	0.12	0.08	0.11
D097 R015	P 0.4	70	18	307	52	<	<	8	<	<	3.2	13	29	84	<	93	211	482	9	161	7	11	0.17	4.20	1.34	3.22	1.53	0.99	0.50	0.08
D097 R016	P 0.2	63	11	27	20	<	<	3	<	<	0.3	21	14	229	<	22	72	355	17	252	8	5	0.17	2.07	1.76	2.36	0.99	0.11	0.31	0.25
D097 R017	P <	23	6	132	12	<	<	3	<	<	1.2	6	13	16	<	58	48	585	4	93	3	3	0.06	1.28	2.14	2.11	0.81	0.05	0.10	0.05
D097 R018	P 0.1	34	7	53	27	<	<	6	<	<	<	13	28	25	<	58	107	419	6	78	7	6	0.12	2.46	1.00	3.10	1.16	0.13	0.25	0.06
D097 R019	P <	6	6	35	<	<	<	<	<	<	<	2	5	36	<	61	22	208	4	19	2	1	0.03	0.65	0.44	1.01	0.42	0.06	0.06	0.03
D097 R020	P 0.1	7	5	43	5	<	<	<	<	<	<	3	4	31	<	55	15	174	4	9	2	1	0.04	0.56	0.15	0.89	0.27	0.07	0.05	0.03
D097 R021	P <	8	<	28	<	<	<	1	<	<	0.1	3	5	64	<	60	15	263	8	49	1	1	<	0.71	0.88	1.28	0.39	0.11	0.04	0.02
D097 R022	P <	10	67	49	8	12	<	1	<	<	0.2	10	7	214	<	35	58	417	24	194	17	1	0.15	0.73	0.67	2.20	0.46	0.07	0.07	0.09
D097 R023	P 0.1	7	2	15	13	<	<	<	<	<	0.3	5	5	79	<	25	25	670	4	107	6	2	0.15	1.05	6.73	0.86	0.20	0.07	0.14	0.09
D097 R024	P <	4	8	19	8	<	<	<	<	<	0.2	6	7	40	<	74	63	138	12	54	3	2	0.12	1.38	0.74	1.80	0.70	0.08	0.15	0.04
D097 R025	P <	7	11	18	9	<	<	<	<	<	<	4	2	103	<	21	25	165	28	134	10	1	0.11	0.75	0.95	0.69	0.21	0.10	0.15	0.11
D097 R026	P 0.3	105	15	82	32	7	<	7	<	<	0.3	23	27	55	<	46	87	268	12	211	8	2	0.17	3.22	1.76	3.75	1.18	0.79	0.45	0.18
D097 R027	P 10.6	3959	103	7.1%	1290	<	<	<	<	322	0.6m	52	1	15	<	14	12	1166	2	3	5	<	0.01	0.14	3.17	16%	0.06	<	0.01	0.07
D097 R028	P 0.1	43	3	619	6	<	<	1	<	<	5.9	4	4	44	<	49	17	282	6	49	1	1	0.01	0.52	1.19	1.15	0.31	0.11	0.05	0.02
D097 R029	P 0.1	24	10	196	<	<	<	<	<	<	1.9	3	6	74	<	58	16	247	10	36	2	1	<	0.77	0.64	1.76	0.35	0.12	0.03	0.02
D097 R030	P <	15	17	63	<	<	<	3	<	<	0.5	10	5	414	<	40	64	441	24	68	24	1	0.16	0.73	0.73	2.07	0.40	0.22	0.10	0.09
D097 R031	P <	11	21	72	<	<	<	1	<	<	0.5	9	4	332	<	38	60	372	24	99	16	1	0.15	0.65	0.71	2.13	0.41	0.10	0.08	0.10
D097 R032	P <	15	134	48	13	28	<	2	<	<	0.3	11	6	418	<	41	75	453	25	82	23	1	0.19	0.87	0.73	2.30	0.48	0.20	0.09	0.10
D097 R033	P <	6	55	26	<	14	<	<	<	<	0.1	2	5	60	<	71	20	230	5	8	3	1	<	0.52	0.10	0.98	0.32	0.08	0.05	0.03
D097 R034	P 0.1	20	432	63	10	90	<	2	<	<	0.3	11	5	343	<	34	76	588	28	69	14	2	0.18	0.97	1.37	2.38	0.49	0.31	0.09	0.11

Min Limit 0.1 1 2 1 5 5 3 1 10 2 0.1 1 1 2 5 1 2 1 2 1 1 1 1 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01

Max Reported* 99.9 20000 20000 20000 9999 999 9999 999 999 9999 99.9 9999 9999 9999 9999 9999 9999 9999 9999 9999 9999 9999 9999 9999 1.00 9.99 9.99 9.99 9.99 9.99 5.00 5.00

Method ICP ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % P=Pulp

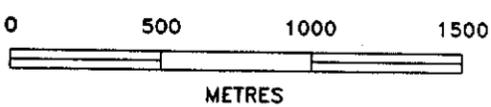


SELECTED SAMPLE RESULTS

Sample #	Au	Ag	As	Bi	Cu	Zn
D097R008	164	21.0	62		1.8%	649
D097R009	935	13.7	21	567	1.5%	866
D097R011	23	1.5			1924	285
D097R027	186	10.6	1290	322	3959	7.1%
LW05	1639	31.8	73	1110	4244	57
LW07	399	19.5	3	285	8667	197

LEGEND

- ▲ D097R001 Rock Sample Location
- Claim Boundary



CAMDAN EXPLORATION INC.

JAVA PROPERTY
Java Claims
Sample Location Map

SCALE: 1 : 25,000	FILE: 154A_2.dwg	DATE: May 25th/98
NTS: 105 E/7	DRAWN:	FIGURE: 5

