YMIP No. 97-044

1997 REPORT

GEOLOGICAL and GEOCHEMICAL WORK ON THE JAVA PROPERTY

JAVA 1-92 Claims
Io 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
February 27, 1998

CAMDAN EXPLORATION INC.

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 Exploration Inc. The claims are accessible by helicopter based out of Whitehorse, which is about 70 km southwest of the property. The Livingstone Trail is a winter tote trail, some parts of which are passable during dry summer months, which passes within twenty kilometers 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 alkalic gold-copper porphyry property directly south of the Java property. The Teslin Crossing 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.

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INTRODUCTION

This report describes the exploration work carried out on the Java Property during the 1997 field season. The Java 1-92 claims, Atom 1-6, 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 accessed 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. Fieldwork 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

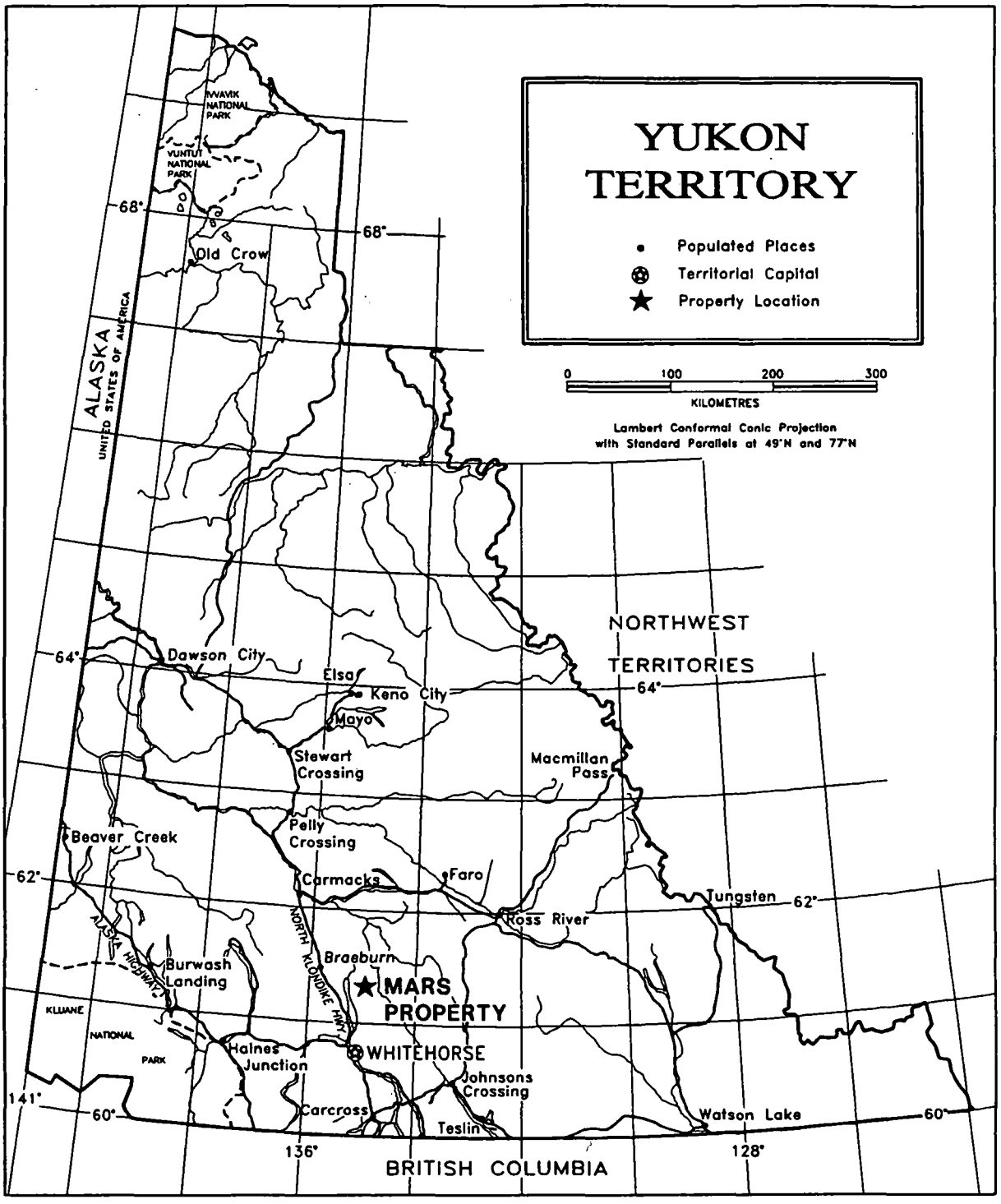
The Java property is located in southwest Yukon, about 70 km northeast of Whitehorse at latitude 61° 25'N and longitude 134° 53'W on NTS map area 105E/7 (Figure 1).

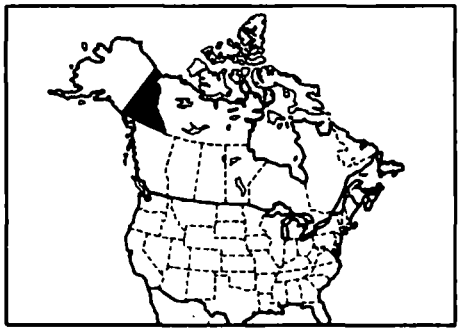
Access is by helicopter from Whitehorse Yukon, which has daily jet service to southern Canada. A winter tote trail to the Livingstone Creek placer mining area passes within 25 km of the property.

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 (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 Miller Creek and 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 Minfile 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





CAMDAN EXPLORATION INC.		
JAVA **Location Map**		
SCALE: 1 : 6 000 000		DATE: Jan. 7th/97
NTS: 105 E/7	DRAWN:	FIGURE 1

sampling. The Bond claims were allowed to lapse due to poor results from the soil program. The showing, as 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 fits samles collected from the newly discovered Skarn 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 Io 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 and. 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, 2000
Io 1 - 8	YB96717 - YB96724	October 10, 1996	October 10, 2000
Zone 1 - 6	YB96731 - YB96802	October 10, 1996	October 10, 2000
Java 1 - 60	YB97270 - YB97329	February 5, 1997	February 5, 2001
Java 61 - 76	YB97805 - YB97820	July 4, 1997	July 4, 2001
Java 85 - 92	YB97821 - YB97828	July 4, 1997	July 4, 2001
Java 77 - 84	YC08003 - YC08010	July 30, 1997	July 30, 2001

CLIMATE, TOPOGRAPHY and VEGETATION

The climate in the area of the Java 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 2,600 feet to 4,234 feet above sea level. There are no prominent topographic features. The property is below treeline. Rock outcroppings are very rare (less than 1% of the property), being limited to steep banks and sporadically on ridgetops. Glacial action has provided most exposures. 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 can be up to 10 m thick. 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.

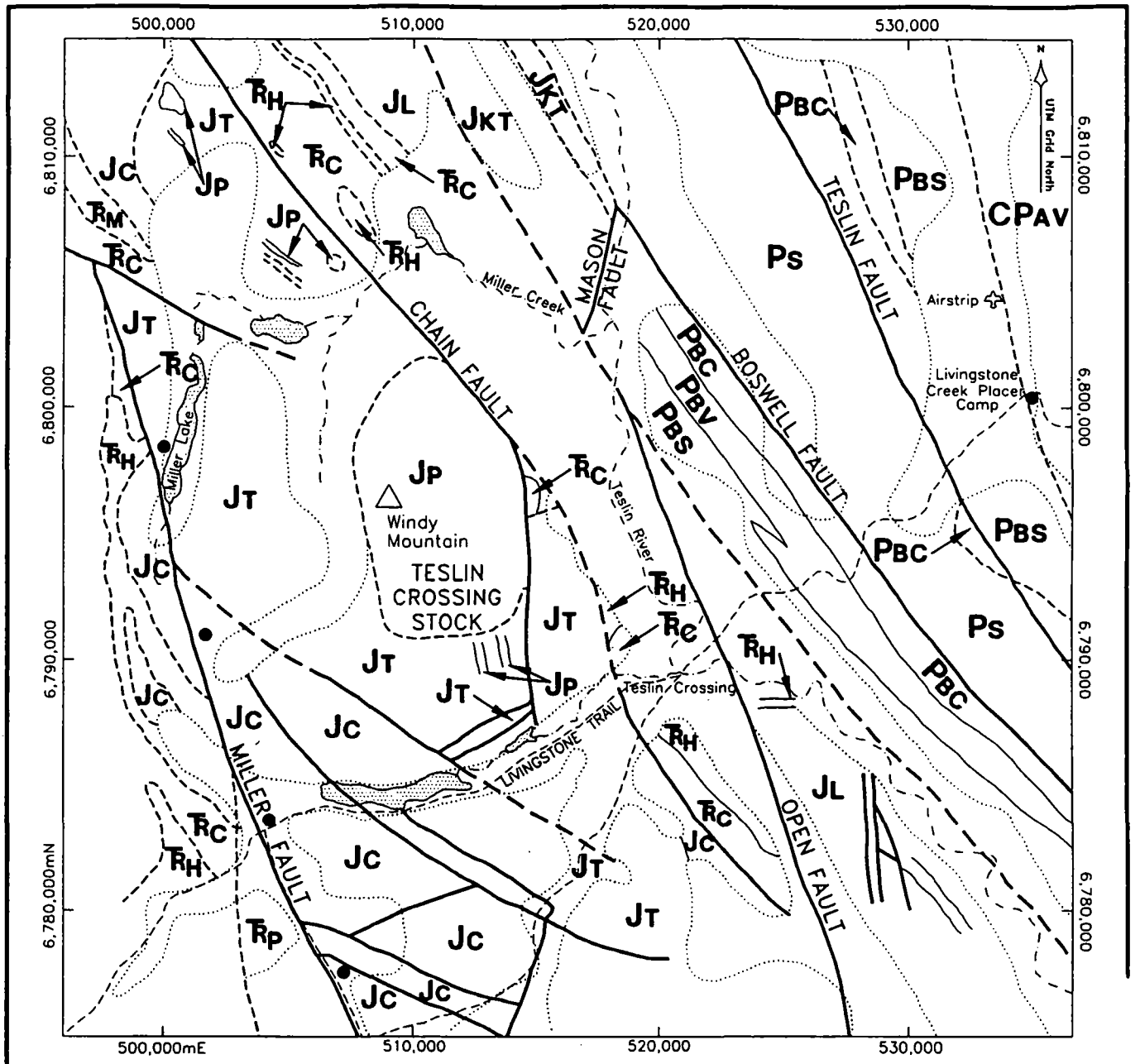
GEOLOGY

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 Java 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 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).



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
Laberge Group
JL Undifferentiated shale, greywacke and conglomerate
JT Tanglefoot Formation
Arkose
JC Conglomerate Formation
Conglomerate

UPPER TRIASSIC TO JURASSIC
Lewes River Group
TRC Casca Member
Shale, greywacke and limestone
TRH Hancock Member
Limestone
TRP 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

0 2500 5000 7500 10000
METRES

CAMDAN EXPLORATION INC.

JAVA
Regional Geology

SCALE: 1 : 250 000		DATE: Jan. 21st/97
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

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 northwest, with some younger northeast 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 lack of outcrop on the property hampered interpretation of property geology during the 1997 exploration season.

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. Trachytic border phases to intrusive rocks and as flows exist on the property.

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 crowed, 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.

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 copper (DO97R008), 7.1% zinc (DO97R027) and 1 639 ppb Au (LW SKARN 05). Bismuth values returned as high as 1513 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 samples 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 set off to Acme Analytical Labs for gold plus 32 element ICP analysis. The results are given in Appendix A.

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.

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.

Line Cutting

A surveyed and cut line was established through the central portion of the southern half of the property (Figure 6). The survey was conducted with a Nikon AD5 EDM. The line will facilitate further evaluation surveys as the brush is too thick in places to allow proper navigation by traditional methods. A map showing the location of the line is included.

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 a proportion similar to known deposits (>0.4% Cu with >0.5 g/t Au in intrusive and 1.5% Cu with 1.5 g/t Au). 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 (BC97R066: 721 ppm Cu).

Other skarn zones will likely be discovered. One, located late in the program, is situated on a south facing slope about three kilometers south of the main Skarn zone but has yet to be properly sampled (BC97R063: 481 ppm Cu, 93 ppm Bi and 76 ppb Au).

A summary table of anomalous rock geochemistry results is given below:

	No. of Samples		No. of Samples
Gold (>100 ppb)	9	Copper (>1000 ppm)	14
Gold (>500 ppb)	2	Copper (>5000 ppm)	7
Gold (>1000 ppb)	1	Copper (>10000 ppm)	2

RECOMMENDATIONS

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

- Areas of known or suspected mineralization should be defined. Specifically, the Skarn 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

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Camdan Exploration

WO# 07809

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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

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

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

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INTERNATIONAL PLASMA LABORATORY LTD.

2036 Columbi eet
Vancouver, B..
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

CERTIFICATE ANALYSIS
iPL 97F0539

Northern Analytical Laboratories **36 Samples** Out: Jun 27, 1997 In: Jun 25, 1997 [053915:00:48:79062797]

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

Comment:

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

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit 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	Molydenum	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

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

CERTIFICATE ANALYSIS
iPL 97F0539

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

36 Samples
36=Pulp

[053915:00:48:79062797]

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

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
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%1	290	<	<	<	<	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	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	999	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	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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

RCMP ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

CAMDAN Exploration File # 97-3053 Page 1

55 Boswell Crescent, Whitehorse YT Y1A 4T2

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
D097R035	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
D097R036	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
D097R037	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
D097R038	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
D097R039	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
D097R040	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
D097R041	<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
D097R042	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
D097R043	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
D097R044	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
D097R045	<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
D097R046	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
D097R047	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 D097R047	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
D097R048	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
D097R049	<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
D097R050	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
D097R051	<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
D097R052	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
D097R053	<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
D097R054	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
D097R055	<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
D097R056	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
D097R057	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
D097R058	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
D097R059	<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
D097R060	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
D097R061	<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
D097R062	<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
D097R063	<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.** .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

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
D097S001	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
D097S002	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 D097S002	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.

Data h FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

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.** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

SHEET 105E-7

NOTICE

THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER.

SCALE: 1/2 MILE to 1 INCH.

FT. 1500 0 1500 3000 4500 6000 7500 9000 10500 FT.

N

MAGNETIC NORTH
N 32° - 10° E

105E-11	105E-10	105E-9
105E-6	105E-7	105E-8
105E-3	105E-2	105E-1

Note: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights.

29 MAR 76
17 SEPT 76
12 AUG 76
3 OCT 75
20 Aug 75
3 AUG 72

18 MAR 83
8 JULY 82
18 FEB 82
15 JUNE 81
85 MAY 79

04 OCT 97
29 SEPT 97
18 FEB 97
10 DEC 96
15 JUN 96
27 MAY 94 GDC
12 MAY 94 GDC
06 OCT 89
9 JULY 84
4 MAY 84
29 MARCH

WHITEHORSE, Y.T. DECEMBER 18, 1970.

1st Edition

61° 30' 135° 00' 134° 30'

S-10B

MASON LANDING (site of)

S-13B

S-26B

S-16B

S-21B

MT PETERS

TESLIN RIVER

Creek

MILLER LAKE

5 MILE

IW00037

JAVA

ATOM

ZONE

MARS

DDH

ENOF

5420

3500 3000 2500 4500 4000

105E-7

6810 000

N

UTM Grid North

Till

mineFile #
105E 027
"Bond"

TRH

? Skarn Zone

JP

HF

JL

30

JT

QFP

20 HF

60 JKT HF

1041

SL

Camp

70

UTRH

calc

Rhyolite

Surveyed Control Line

Till

Rhyolite

JT

50

Rhy

Lake

miller Creek

503000

508000

6803000

Legend

- Intrusive JP
- Conq Jc
- Volcanic Jv
- Arkose JT
- Undifferentiated JL
- Skarn
- HF - hornfelsed
- Limestone TRH

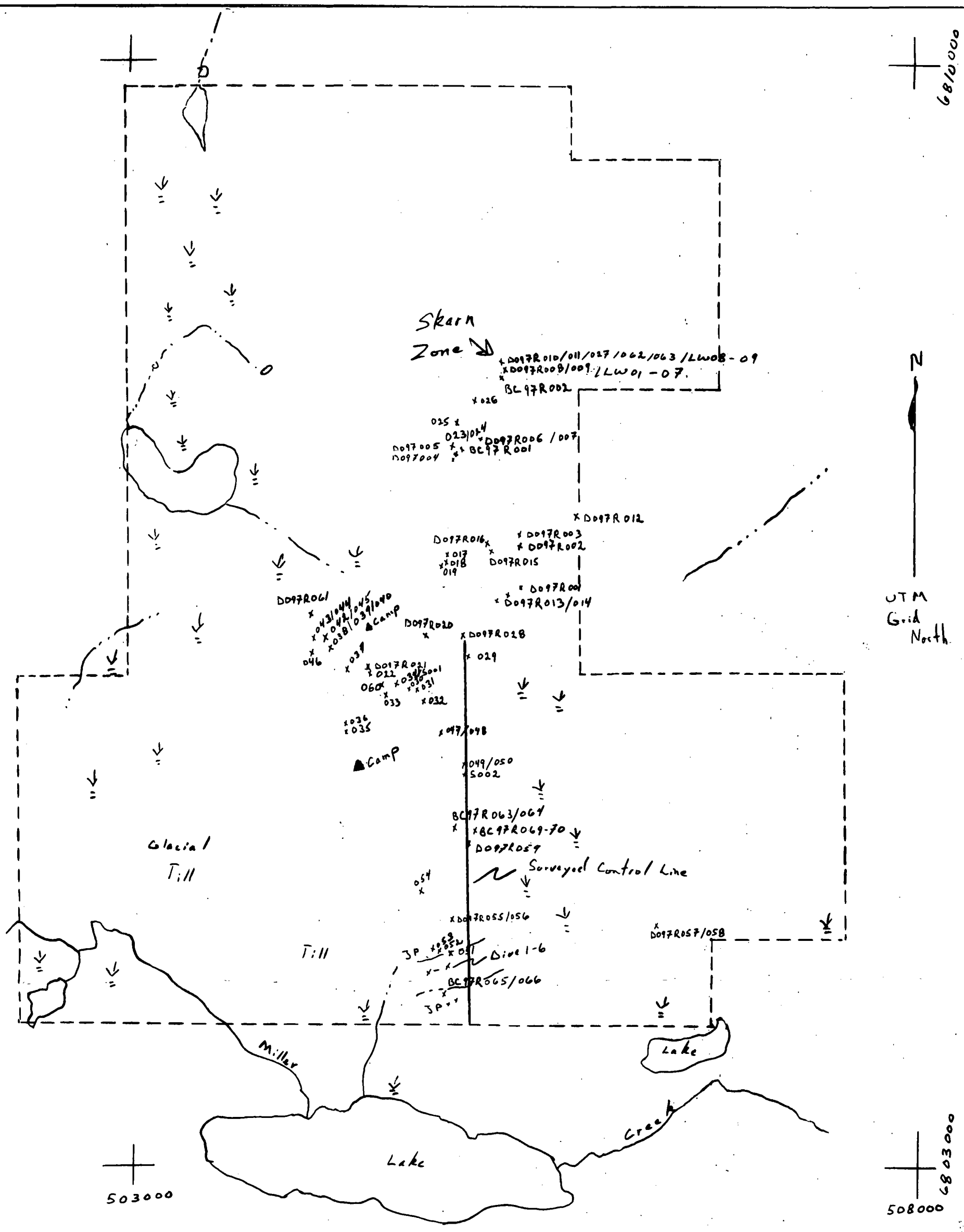
See Table of Formations for Descriptions

CAMDAN EXPLORATION INC.

JAVA PROPERTY
Geology Map

Scale 1:25,000 Date 09/20/98

NTS: 105E 7 Figure 4



Legend

D097R009 x Rock Sample Location

--- Claim Border

Selected Sample Results

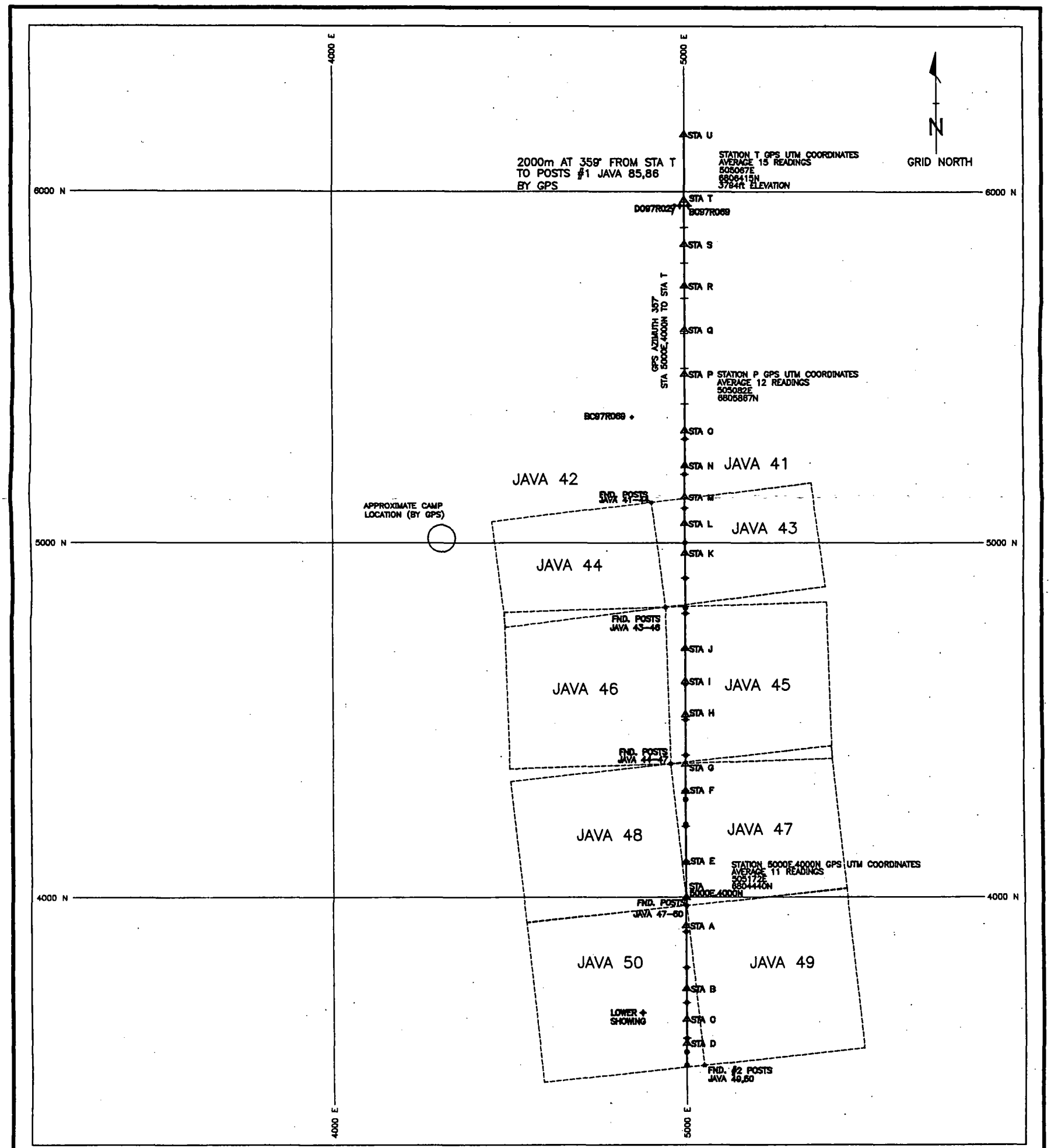
Sample #	Au	Ag	As	Bi	Cu	Zn
D097R008	164	21.0	62	–	1.8%	649
009	935	13.7	21	567	1.5%	866
011	23	1.5			1924	285
027	186	10.6	1290	322	3959	7.1%
LW 05	1639	31.8	73	1110	4244	57
LW 07	399	19.5	3	285	8667	197

CAMDAN EXPLORATION

JAVA PROPERTY
Sample Location Map

Scale 1:25,000 Date: 02/20/98

NTS: 105E7 Figure 5



LEGEND

- SURVEY STATION (12" SPIKE)
- CLAIM POSTS
- LINE PICKET (ON 5000E BASELINE)
- PICKET ON 100m GRID (4" WIDE SQUARED POSTS 2' ABOVE GROUND)
- ✦ SAMPLE/SHOWING LOCATION
- ----- CLAIM LINE

NOTES:
1. SURVEY CONDUCTED WITH NIKON AD5 EDM.
2. LINE CUT TO 1.5m WIDTH.
3. GRID NORTH SET BY SILVA RANGER COMPASS WITH 30° E. DECLINATION ON JUNE 26, 1997.

CAMDAM EXPLORATION

JAVA CLAIMS
WHITEHORSE MINING DISTRICT

BASELINE SURVEY COMPILATION

Aurum Geological Consultants Inc.		Date: JULY 2, 1997	
NTS: 105 E	Drawn: JC	Scale: 1:12,500	Figure: 6

508,000

512,000

516,000

6,801,000

6,797,000

6,793,000mN

MARS CLAIM BOUNDARY

DDH CLAIM BOUNDARY

N

UTM Grid North

LEGEND & SYMBOLS

4500 — Elevation contour interval, (100 feet)

Stream, creek

4-wheel drive road

Claim group boundary

Claim line

0 500 1,000 1,500 2,000

METRES

CAMDAN EXPLORATION INC.

MARS PROPERTY
DDH and Mars Claims
Claim Plan

97-044

SCALE: 1 : 20,000		DATE: Jan. 20th/97
N.T.S.: 105 E/7	DRAWN:	FIGURE 2

AREA OF PROPOSED WORK FOR YMIP 1997.

509,000 510,000 511,000

6,796,000 6,795,000mN

MARS CLAIMS
DDH CLAIMS

Jg Jg Jg

Jg1 Jg1 Jg1

JT JT?

Windy Ridge North
Windy Ridge South
Cliff Zone
X-Zone
Moon Knob

mafic
felsic
BASELINE
313°

4500 4000

UTM Grid North

ROCK SAMPLE GEOCHEMISTRY FROM SAUER 1996 PROGRAM (DOHERTY 1996)

SAMPLE NUMBER	Cu ppm	Au ppb	Ag ppm
BR962901011	23	4	<.3
BR962902012	23	1	<.3
BR962901013	731	14	<.3
BR962902014	282	248	1
BR962902015	9189	602	3.7
BR962902016	2415	352	1.3
BR962901017	1834	223	2
BR962901018	2836	4790	195.7
BR962902019	18540	381	14.3
BR962901020	6695	910	6.7
BR962902021	139	24	<.3
BR962901022	593	23	0.4
BR962902023	6279	790	25.3
JR962901002	407	21	<.3
JR962901003	2987	35	3.3
JR962901013	5104	55	10.5
JR962901014	30	3	<.3
JR962901015	49	5	<.3
JR962901016	12296	47	10
JR962901017	50	3	<.3
JR962901018	156	6	<.3
JR962901019	105	5	<.3
JR962901020	69	4	<.3
JR962901021	110	1	<.3
JR962901022	104	6	<.3
JR962901023	32	3	<.3
JR962901024	11	8	<.3
JR962901025	10	1	<.3
JR962901026	186	9	<.3
JR962901027	16	1	<.3
JR962901028	30	3	<.3
JR962901029	382	72	<.3
JR962901030	465	96	0.9
JR962901031	472	149	0.7
JR962901033	1420	90	0.6
JR962901034	62	7	<.3
JR962901035	1353	121	0.8
JR962901036	1012	100	<.3
SR962901001	65	5	<.3
SR962902002	90	9	<.3
SR962901008	127	15	<.3
SR962901009	168	23	<.3
SR962901010	438	7	<.3
SR962901011	225	4	<.3
SR962901012	484	15	6.4
SR962901013	414	9	0.5
SR962901014	19837	169	3
SR962901016	205	41	3.2
SR962901018	2130	882	6.1
MT962902002	56	5	0.6
MT962902003	86	6	<.3
MT962902004	104	19	<.3
MT962902005	10990	323	39.6
MT962901008	72	12	<.3
MT962901009	235	24	<.3
MT962901010	2357	59	3.1
MT962901011	490	5	0.4
MT962901013	303	255	0.8
MT962901014	81	16	1.9
MT962901015	14	2	<.3
MT962902016	19	2	<.3
MT962901017	1612	23	1.5

ROCK SAMPLE GEOCHEMISTRY FROM CAMDAN EXPLORATION 1996 PROGRAM

SAMPLE NUMBER	Cu ppm	Au ppb	Ag ppm
SR962901001	3878	51	3.8
LW 96001	8333	2589	38
LW 96002	2161	2710	87.5
LW 96003	19513	14	2.3
LW 96004	476	10	0.5
LW 96005	143	15	0.1
LW 96006	51	53	0.1
DO 96001	2054	23	0.8
DO 96002	108	411	n/a
DO 96003	207	31	n/a
9629A001	5585	27	4.6
9629A002	275	1303	0.2
9629A003	4319	541	27.5
9629A004	134	47	1
LW96R 010	36	3	<.3
LW96R 011	21	11	<.3
LW96R 012	34	1	<.3
LW96R 013	28	1	<.3
LW96R 014	20	1	<.3
LW96R 015	27	2	<.3
LW96R 016	189	25	<.3
LW96R 017	97	3	<.3
LW96R 018	44	4	<.3
LW96R 019	13	1	<.3
LW96R 020	46	2	<.3
LW96R 021	207	10	<.3
LW96R 022	188	18	<.3
LW96R 023	194	12	<.3
LW96R 024	31	3	<.3
LW96R 025	106	8	<.3
LW96R 026	248	9	<.3
LW96R 027	97	9	<.3
LW96R 028	123	13	<.3
LW96R 029	7209	556	2.4
LW96R 030	4693	517	1.6
LW96R 031	88	5	<.3
LW96R 032	981	9	1.5
LW96R 033	364	6	<.3
LW96040	139	20	<.3
LW96041	259	28	0.7
LW96042	709	17	1.3
LW96043	1547	25	1.9
LW96044	23	3	<.3
LW96045	7852	26	4.1
LW96046	165	2	0.4
LW96050	1030	28	0.9
LW96051	315	45	0.6
MBMARS96-1	193	26	<.3
MBMARS96-2	753	56	0.4
MBMARS96-3	83	5	<.3
MBMARS96-4	44	2	0.3
MBMARS96-5	96	7	<.3
MBMARS96-6	52	17	0.4
MBMARS96-7	67	5	<.3
MBMARS96-8	49	8	0.3
MBMARS96-9	688	122	0.4
DOM96R10	71	3	<.3
DOM96R11	25	3	0.3
DOM96R12	16	2	<.3
DOM96R13	135	3	1.4
DOM96R14	30	2	0.4
DOM96R15	13	4	<.3
DOM96R16	560	13	1.1
DOM96R17	25	4	<.3
DOM96R18	26	5	0.4
DOM96R19	11	2	0.5
DOM96R20	23	2	<.3
DOM96F20	899	40	0.5

LEGEND & SYMBOLS

JURASSIC
Middle Jurassic
Teslin Crossing Stock
- Jg — Medium to fine grained, equigranular monzonite, syenite & granite
- Jg1 — Porphyritic border phase
- Felsic dyke
- Lamprophyre

Lower and Middle Jurassic
Laberge Group
- JT — Tanglefoot Formation: Arkose & feldspathic sandstone, interbedded granite–pebble conglomerate
- Jc — Conglomerate Formation: Cobble & pebble conglomerate

TRIASSIC
Upper Triassic to Jurassic
Lewes River Group
- Rc — Casca Member: Brown shale
- RH — Hancock Member: Limestone & minor thin bedded argillaceous limestone

- Geological boundary (defined, approximate, assumed)
- 66 — Bedding
- Geophysical grid

* Geology modified from Pangman (1973) and Templeman-Kluit (1984)

Abreviations

ccp	Chalcopyrite	lim	Limonite
mal	Malachite	mag	Magnetite (as veinlets)
az	Azurite	carb	Carbonate
py	Pyrite	hem	Hematite

Rock Samples – Geochemistry
Camdan Exploration Samples
- LW96001
- ≥ 300 ppm copper
- ≥ 100 ppb gold
- ≥ 300 ppm copper, ≥ 100 ppb gold

B. Sauer Samples (Doherty, 1996)
- BR962901002
- ≥ 300 ppm copper
- ≥ 100 ppb gold
- ≥ 300 ppm copper, ≥ 100 ppb gold

- 4500 — Elevation contour interval, (100 metres)
- Stream, creek
- 4-wheel drive road
- Claim group boundary

0 100 200 300 400 METRES

97-044

CAMDAN EXPLORATION INC.

MARS PROPERTY
DDH CLAIMS
Sample Locations, Rock Geochemistry and Geology

SCALE: 1 : 5,000		DATE: Jan. 17th/97
N.T.S.: 105 E/7	DRAWN:	FIGURE 5