NTS 104B/10 Lat 56°44 ' Long 130° 54'



Gold Commissioner's Office VANCOUVER, B.C.

GEOCHEMICAL REPORT on the MAYAN 1 CLAIM

Liard Mining Division, B.C.

for

CONNECTICUT DEVELOPMENT CORP

P.O.Box 27039 Colwood Corners, Victoria, B.C. V9B 584 Tel: (604) 474-7999 Fax: (604) 474-7997

by

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FILMED

25 October 1996

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Reliance Geological Services Inc. -

SUMMARY

The MAYAN 1 claim is situated in the Iskut River area of the Liard Mining Division, northwestern B.C., approximately 290 kilometers northwest of Smithers.

The area lies within the Stikine lithostructural terrane which represents a mid-Paleozoic to Mesozoic island-arc sequence of volcanic and sedimentary rocks. The Paleozoic rocks range from Devonian to Permian in age and form part of the Stikine assemblage, while the Mesozoic includes both the Upper Triassic Stuhini Group and the Jurassic Hazelton Group. These supracrustal rocks are intruded by Early Jurassic to Cretaceous and Tertiary plutons.

In late August of 1996, Connecticut Development Corp carried out a reconnaissance geochemical investigation of the MAYAN 1 claim. The objective was to evaluate the claim for hosting gold/copper mineralization. Work included stream silt and rock sampling.

No significant gold or copper values were obtained from the sample analysis. Further work is recommended on the property, including geological mapping, prospecting, with follow-up grid establishment, and detailed geological, geochemical, and geophysical surveys.

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1.0 INTRODUCTION

This report was prepared at the request of Connecticut Development Corp to describe and evaluate the results of a 1996 reconnaissance geochemical program carried out by Reliance Geological Services on the MAYAN 1 claim, approximately 290 kilometres northwest of Smithers.

The field work was undertaken for the purpose of evaluating the potential of the property for hosting gold/copper mineralization.

This report is based on published and unpublished information, and on the maps, reports and notes from the 1996 field program.

2.0 LOCATION, ACCESS, and PHYSIOGRAPHY

The MAYAN 1 claim is situated in the Iskut River area of the Liard Mining Division, northwestern B.C., approximately 290 kilometers northwest of Smithers.

(Figures 1 and 2)

The claim is located on Map Sheet NTS 104B/10W at latitude 56° 44' North, longitude 130° 54' West.

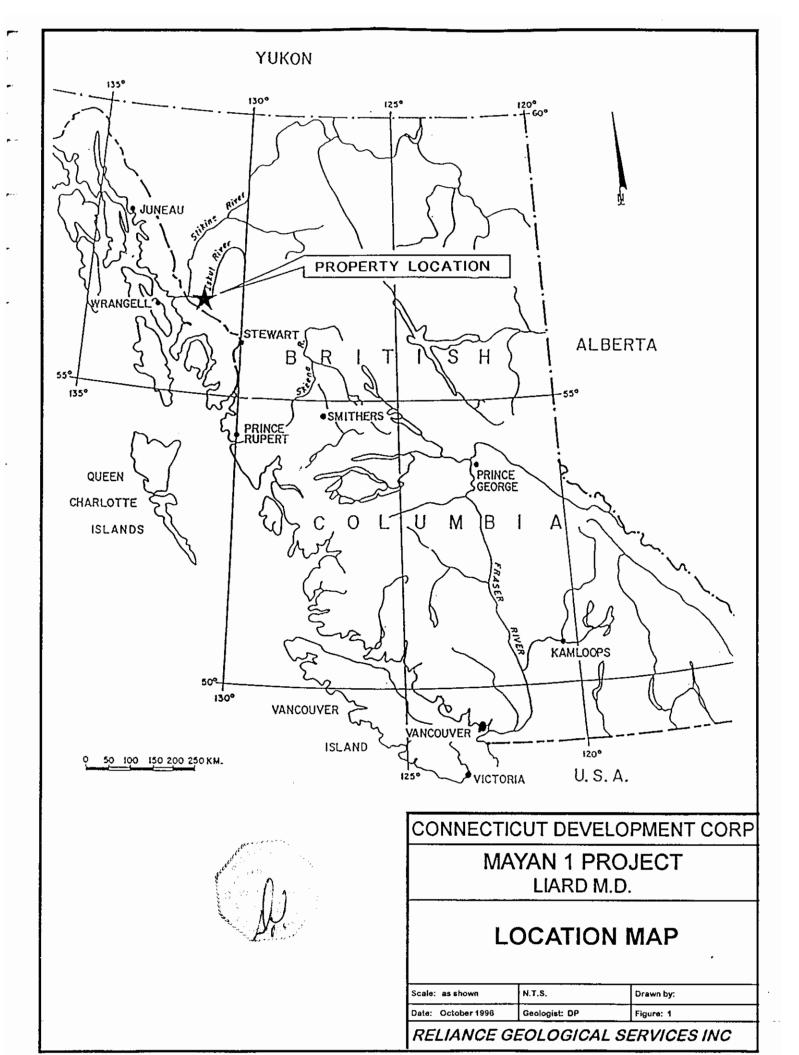
Access is by fixed-wing aircraft from Smithers to the Bronson Creek airstrip, located 12 kilometers southwest of the claim. Access from the airstrip to the property is via helicopter.

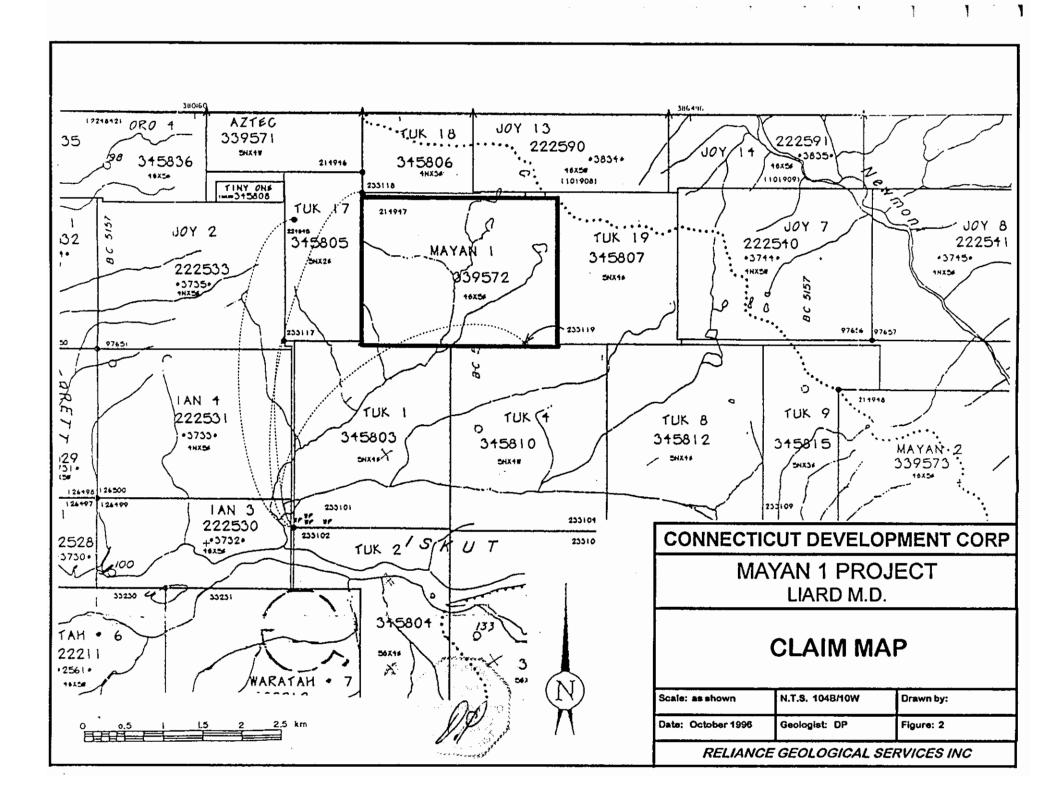
Northern Lights Air and Central Mountain Airlines of Smithers service the area with scheduled and unscheduled supply flights. Alternate fixed-wing access is from Wrangell, Alaska which is located at tidewater, 80 kilometers to the west of the property. The Bronson Creek airstrip has been lengthened to 1600 meters and is now capable of accommodating Hercules aircraft.

A proposed road to the area follows the Iskut River Valley from Bob Quinn Lake on the Stewart-Cassiar Highway to Bronson Creek.

Topography of the area is rugged, ranging in elevation from approximately 800 meters to 1600 meters. At lower elevations, the property is covered by mature spruce and hemlock, with devils club and slide alder common. At higher elevations, sub-alpine conditions prevails with local ridges, knolls and gullies.

The climate is typified by cold, snowy winters and warm, wet summers. Snow accumulations at higher elevations normally exceed 5 meters. Recommended work season is July to September.





3.0 PROPERTY STATUS

The property consists of 1 claim (Figure 2) in the Liard Mining Division covering approximately 500 hectares.

Details of the claim is as follows:

Claim	Tenure Number	Units	Expiry Date	Owner
MAYAN 1	339572	20	31 August 97	Connecticut Development Corp

The writer is not aware of any particular environmental, political, or regulatory problems that would adversely affect mineral exploration and development on the claims.

4.0 AREA HISTORY (Figure 3)

The following is modified after Caulfield (1988).

"The first recorded work in the Iskut River area was in 1907 by a prospecting party from Wrangell, Alaska, who staked nine claims north of Johnny Mountain. Iskut Mining Company subsequently worked crown-granted claims along Bronson Creek and on the north slope of Johnny Mountain. By 1920, a nine-meter adit had revealed a number of galena-bearing veins and stringers.

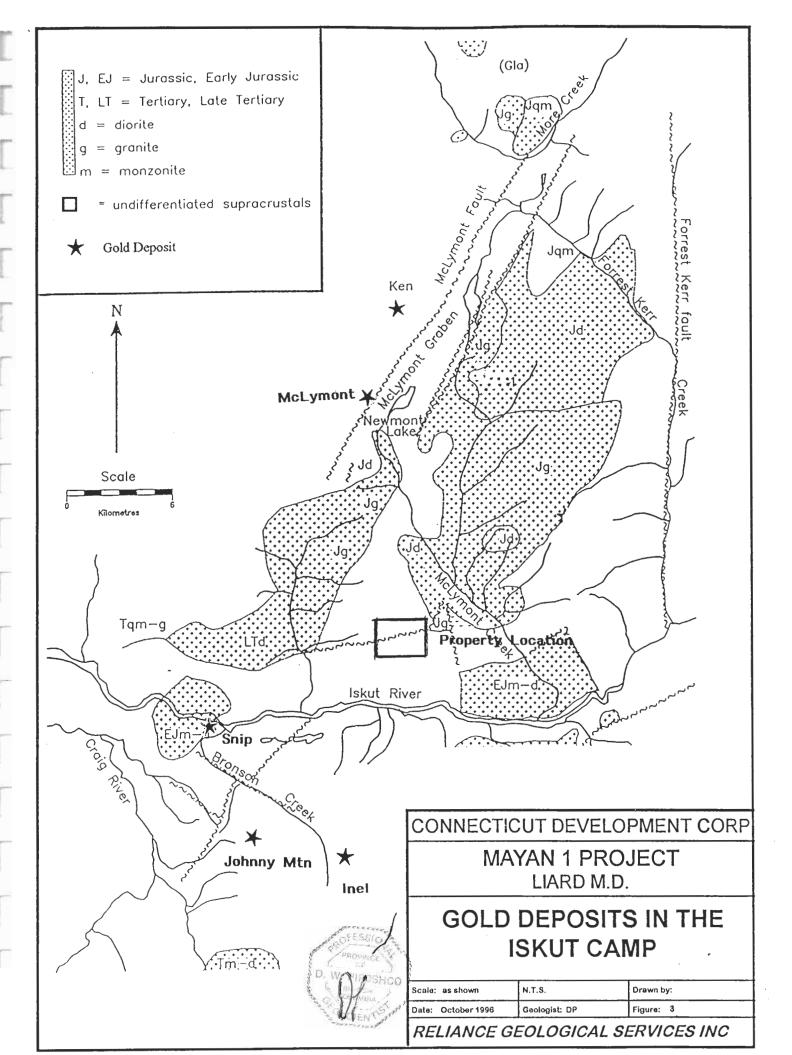
In 1954, Hudson's Bay Mining and Smelting located the Pick Axe showing and the high grade gold-silver-lead-zinc float on the open upper slopes of Johnny Mountain. The claims were worked and subsequently allowed to lapse.

During the 1960's, several major mining companies conducted helicopter-supported reconnaissance exploration programs in their search for porphyry copper-molybdenum deposits. Several claims were staked on Johnny Mountain and in the Bronson Creek area. Cominco staked claims over a gold-bearing quartz vein which was developed into the SNIP gold deposit, currently in production.

The Twin Zone at the Snip mine is a 0.5 to 15 meters wide 120° - trending shear zone that dips from 15° to 90° southwest. The zone has been traced for over 1 kilometer along strike, and 500 meters depth. The host rocks are a feldspathic greywacke and siltstone sequence. Mineralization occurs in two zones and consists of 1 centimeter to 1 meter wide alternating bands of calcite and pyrite and biotite and calcite, or as quartz-sulphide breccia zones, or in pyritic or non-pyritic fault gouge. The most recent reserve estimate is 625,000 tons of 26.5 g/mt gold (Minfile NTS 104B 250).

In 1969, Skyline Explorations staked the Inel property after discovering massive sulphide float originating from the head of the Bronson Creek glacier. They restaked the Reg property on Johnny Mountain in 1980. In the following years, Skyline carried out extensive trenching, drilling and underground development on polymetallic veins on both the Reg and Inel properties, defining zones of high grade gold-silver mineralization. The Johnny Mountain Mine went into production for a brief period during 1989 and 1990.

The deposits consist of a series of northeast-trending quartz-pyrite and chalcopyrite veins hosted within a shear zone cutting andesitic volcaniclastics. The most recent reserve calculation of the Stonehouse deposit is 24,000 tons grading 11.3 g/mt gold, 22.0 g/mt silver and 0.23% copper (Minfile NTS 104B 107)".



5.0 PREVIOUS WORK

There is no record of previous exploration work on the MAYAN 1 claim.

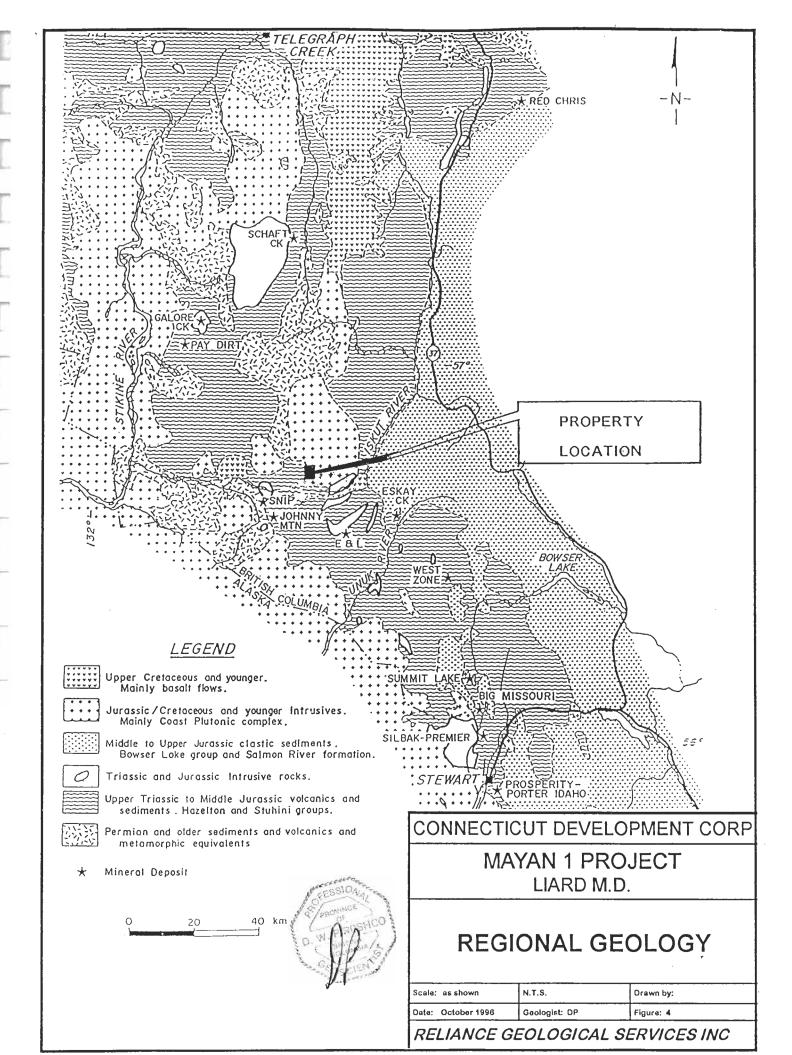
REGIONAL GEOLOGY (Figure 4)

The following is an excerpt from Ray et al (1991).

"The first major geological study of the region was presented by Kerr (1948) Recent work includes 1:50,00 scale geological mapping by Logan et al (1990a), Britton et al (1989, 1990) Webster and McMillan (1990), Anderson and Bevier (1990) and Logan et al (1990b). A descriptive report of the skarn occurrences in the district is given by Webster and Ray (1991).

The area lies within the Stikine lithostructural terrane which represents a mid-Paleozoic to Mesozoic island-arc sequence of volcanic and sedimentary rocks. The Paleozoic rocks range from Devonian to Permian in age and form part of the Stikine assemblage, while the Mesozoic includes both the Upper Triassic Stuhini Group and the Jurassic Hazelton Group. These supracrustal rocks are intruded by Early Jurassic to Cretaceous and Tertiary plutons.

The region is cut by two sets of major faults. The most abundant are narrow, north-striking linear faults; one of these, the Forrest Kerr fault (Logan et al, 1990a), has influenced the lower course of Forrest Kerr Creek. The other set forms complex, north-northeast to northeast-trending fault zones. The faults bounding the Newmont graben belong to this set; the graben is 1 to 2 kilometers wide and contains downdropped Jurassic and Triassic sediments, tuffs and some intrusions that are juxtaposed against Paleozoic rocks to the east and west."



7.0 <u>1996 WORK PROGRAM</u> (Figure 5)

Two man days of reconnaissance rock and stream silt sampling was carried out on the MAYAN 1 claim on August 26, 1996. Samples were analyzed for multi-element ICP by IPL Laboratories of Vancouver. Analytical reports are presented in Appendix A.

7.1 Rock Geochemistry

Six sulphide mineralized outcrops were sampled (Figure 5). Mineralization occurs as minor disseminations and fracture-fillings of pyrite and lesser chalcopyrite hosted within felsic intrusive and andesitic volcanic rocks. Descriptions are as follows:

Sample No.	UTM Coordinates	Description
28354	384410E 6289110N	Select sample from rusty weathered outcrop consisting of weakly silicified andesite with 1% disseminated pyrite.
28355	384390E 6288930N	Select sample of 5 centimeter wide quartz, carbonate, barite vein with 1.5% blebs of chalcopyrite, hosted in andesite.
28356	384390E 6288820N	Select sample of rusty weathered and fractured felsic porphyry with 1% disseminated pyrite.
28357	384180E 6289400N	Select sample of rusty weathered felsic volcanic with 1% disseminated pyrite.
28358	383510E 6289510N	Rusty weathered, bleached, and fractured felsic volcanic with weak silicification and 1% disseminated pyrite.
28359	383560E 6289460N	Rusty weathered, bleached, and fractured felsic volcanic with weak silicification and 1% disseminated pyrite. Sample location is 50 meters southeast from sample 28358.

7.1 Rock Geochemistry (cont)

The results of gold, silver, copper, lead and zinc analysis are as follows:

Sample No.	Gold (ppb)	Silver (ppm)	Copper (ppm)	Lead (ppm)	Zinc (ppm)
28354	<	15.6	52	3	10
28355	10	0.3	2.4%	5	40
28356	9	0.2	331	3	16
28357	<	0.2	80	4	16
25358	<	0.2	71	2	10
25359	5	0.2	19	<	1

< = below detection limit

7.2 Silt Geochemistry

Eight silt samples were collected from south-draining streams. Descriptions are as follows:

Sample No.	% silt	% sand	% gravel	% clay	Colour	Gradient	Stream Width
VS96-10	90	10	0	0	grey	steep	2 meters
VS96-11	85	5	10	0	grey	moderate	4 meters
VS96-12	90	10	0	0	grey	moderate	1 meter
VS96-13	80	0	0	20	grey	moderate	3 meters
VS96-14	60	30	10	0	grey	steep	2 meters
VS96-15	90	5	0	5	grey	steep	3 meters
VS96-16	75	20	5	0	grey	steep	1 meter
VS96-17	30	40	30	0	grey	steep	2 meters

7.2 Silt Geochemistry (cont)

The results of gold, silver, copper, lead, and zinc analysis are as follows:

Sample No	Gold (ppb)	Silver (ppm)	Copper (ppm)	Lead (ppm)	Zinc (ppm)
VS96-10	٧	0.1	110	19	94
VS96-11	24	0.4	222	18	174
VS96-12	20	0.2	105	9	96
VS96-13	٧	0.2	87	4	91
VS96-14	16	0.3	146	9	94
VS96-15	36	0.3	67	5	69
VS96-16	Y	0.5	122	8	82
VS96-17	'	0.1	77	8	78

< = below detection limit

9.0 DISCUSSION

No significant gold or copper values were obtained from the analysis of silt samples. A 2.4% copper value was returned from rock sample No. 28355, but further work is not recommended on the host quartz vein because of the consistently narrow width (<25 centimeters) and its isolated nature.

This program was reconnaissance in nature and does not represent a comprehensive evaluation of the gold and copper mineralization potential of the MAYAN 1 claim.

10.0 <u>CONCLUSIONS</u>

The MAYAN 2 claim has potential to host gold/copper mineralization because:

- a favorable host rock lithologies are present; and
- b The claim is located in the gold-rich Iskut Mining Camp.

11.0 RECOMMENDATIONS

Further work on the MAYAN 1 claim is recommended and should include:

PHASE I:

Property-scale geological mapping and prospecting;

PHASE 2:

Contingent upon favorable results from Phase I, further work should consist of grid establishment, geophysical and geochemical surveys, and detailed geological mapping.

CERTIFICATE

- I, **DARWIN W. PIROSHCO**, of 3548 Point Grey Road, Vancouver, B.C., V6R 1A8, do hereby state that:
 - I am a graduate of Queen's University, Kingston, Ontario, with a Master of Science Degree in Geology, 1985.
 - 2. I am a graduate of the University of Calgary, Calgary, Alberta, with a Bachelor of Science Degree in Geology, 1981.
 - 3. I am registered as a member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia.
 - 4. I have actively pursued my career as a geologist for fifteen years in British Columbia and Ontario.
 - The information, opinions, and recommendations in this report are based on a thorough review of field data and a study of unpublished and published reports.
 - I have no interest, direct or indirect, in the subject claims, nor do I
 expect to receive any.

RELIANCE GEOLOGICAL SERVICES INC.

Darwin W. Piroshco, B.Sc., M.Sc., P.Geo.

Dated at North Vancouver, B.C., this 25th day of October 1996.

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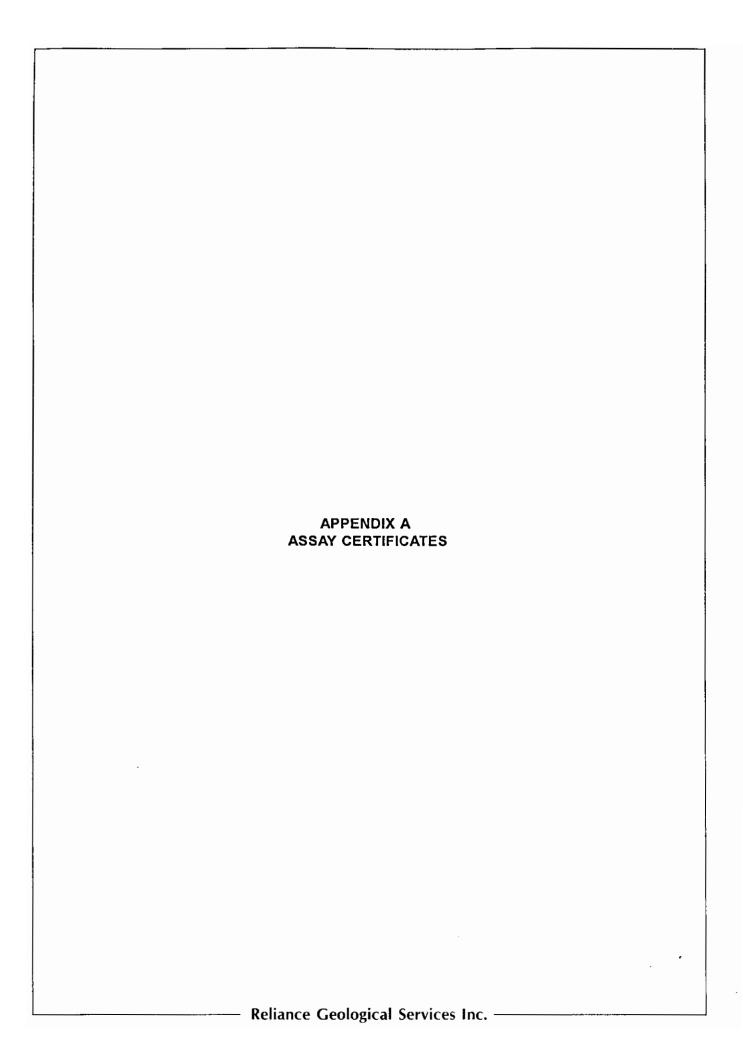
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iPL 96I0867

INTERNATIONAL PLASMA LABORATORY LTD.

Client: Reliance Geological Services Ltd iPL: 9610867 Out: Sep 16, 1996 Project: J938 42 Rock

In: Sep 10, 1996

Page 1 of 2 [086717:05:25:69091696]

Section 1 of 1

Certified BC Assayer: David Chiu

336 C Vancouver, B.C.

Canada V5Y 3E1 Phone (604) 879-7878

Fax (604) 879-7898

																											-					
Sample Name			Ag opm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Мо ррт		Bi opm	Cd ppm	Со	Ni ppm	Ba ppm	₩ Ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm		Sc ppm	Ti %	A1 %	Ca %	Fe	Mg な	K 7	Na Z	р 7
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^{2 5} 1 2 2 2 0.1 2 5 5 3 1 10 2 0.1 1 1 Min Limit Max Reported* --=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898

ITEMIZED COST STATEMENT

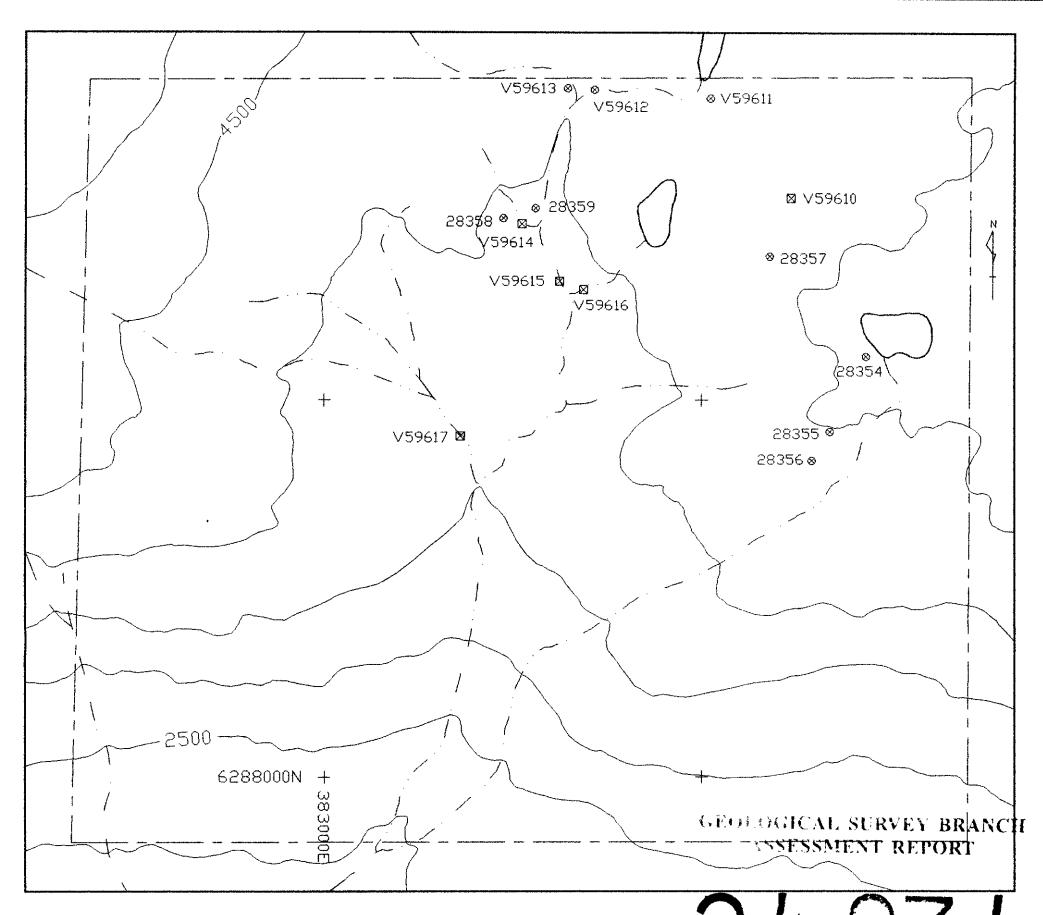
Mayan 1 Project; J938

Project preparation			\$	225
Mobilization/demobilization				491
Field Crew: Prospectors (2) A. Smallwood (Aug. 26) V. Snowden (Aug. 26)	<u>Rate</u> 275 /day x	<u>Unit</u> 2 days		550
Field Costs: Helicopter Support Communications Food and Accommodation Supplies	789 /hour x 25 /day x 105 /day x 50 /day x	1 hours 1 days 2 days 1 days	789 25 210 50	1,074
Assays & Analysis: Rock Silt	24 /sample 21 /sample	6 samples 8 samples	144 168	312
Administration, incl. Overheads and	d Profit			265
Sub-total			\$	2,917
plus 7% G.S.T.				204
TOTAL			\$	3,121



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Reliance Geological Services Inc. -



LEGEND

Property Outline

∨59608 ☑ Stream silt sample location and number

38352 ⊗ Rock sample location and number

Contour Interval = 500'

0 200 400 600 800 1000 meter

CONNECTICUT DEVELOPMENT CORP

MAYAN 1 PROJECT

ROCK AND STREAM SILT

SCALE: 1:10 DATE: Nov		 iwn By: j. 5	
	eliance Geologis)	