# 86-327-15264

#### ASSESSMENT REPORT

GEOLOGICAL, GEOCHEMICAL AND PHYSICAL REPORT

1

#### ON THE

#### ARGUS GROUP

Adrian, Paul, Ian, Otto, Argus 1 and Argus 2 Mineral Claims

OMINECA MINING DIVISION

Latitude: 57°20' N

Longitude: 126°55' W

N.T.S. 94E/6E and 94E/7W

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By

Arthur S. Ashton P.Eng.

Owners:

RHYOLITE RESOURCES INC. 300 - 535 Thurlow Street Vancouver, British Columbia V6E 3L2

and

CLIVE ASHWORTH 1545 Marine Drive West Vancouver, British Columbia V7V 1H9

Operator:

RHYOLITE RESOURCES INC. 300 - 535 Thurlow Street Vancouver, British Columbia V6E 3L2

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June 13, 1986

# Searchlight Resources Inc.

218-744 West Hastings Street, Vancouver, British Columbia, Canada, V6C 1A5 Phone: (604)684-2361 or (604)271-6556

#### SUMMARY REPORT

on the

#### **ARGUS GROUP**

Adrian, Paul, Ian, Otto, Argus 1 and Argus 2 Mineral Claims

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300-535 Thurlow Street Vancouver, British Columbia V6E 3L2

by

#### STEVEN F. COOMBES, B.Sc.

May 15, 1986

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#### 1.0 INTRODUCTION

#### 1.1 LOCATION AND ACCESS

The ARGUS Group is located between  $57^0$  18' 55"N and  $57^0$  21' 37"N latitude and  $126^0$  55' 18"W and  $127^0$  00' 15"W longitude in the Toodoggone River area of the Omineca Mining Division, NTS 94E/6E and 94E/7W (Fig. 1). Access at the present time is by fixed wing aircraft from Smithers, B.C. to the Sturdee River airstrip, a distance of 280 kilometers. The property is 13 kilometers northeast of the airstrip by helicopter.

The British Columbia government has agreed to assist Serem Inc. in extending the Omineca Road 90 kilometers from Moose Valley to the Lawyers Property when Serem makes a decision to put their deposit into production. Road construction is expected to begin in 1986. This road will provide access to within 15 kilometers of the Argus property.

#### 1.2 PHYSIOGRAPHY

Elevations on the property range from 1415m (4640 feet) to 2010m (6600 feet) above sea level. The topography is moderately rugged with outcrop exposed on the ridge tops and on occasional small cliffs. The hill sides and valley bottoms are covered by talus and glacial debris. Most of the property is above tree line and is covered with patches of small scrubby trees and grasses.



#### **1.3 CLAIM INFORMATION**

The property consists of the Adrian, Paul, Ian, Otto, Argus 1 and Argus 2 mineral claims. On August 12, 1985, an agreement was signed between Rhyolite Resources Inc. and The Toodoggone Syndicate under which Rhyolite acquired 100% interest in the Adrian, Paul, Ian and Otto claims (less 3% net smelter returns). The Argus 1 and Argus 2 claims were staked by Rhyolite Resources during September, 1985. The claims were grouped as the Argus Group in March, 1986 (Fig. 2). Claim information is as follows:

CLAIM	RECORD		RECORD	STAKING
NAME	NUMBER	UNITS	DATE	DATE
Adrian	6911	20	March 25, 1985	March 6, 1985
Ian	6912	20	March 25, 1985	March 6, 1985
Paul	6913	20	March 25, 1985	March 6, 1985
Otto	6915	12	March 25, 1985	March 6, 1985
Argus 1	7313	4	September 17, 1985	September 3, 1985
Argus 2	7314	6	September 17, 1985	September 3, 1985

These claims cover approximately the same area as the Argus 1 to 4 claims previously held by Serem Inc.



#### 1.4 HISTORY

The discovery of gold in the Toodoggone area is credited to Charles McClair who mined placer deposits in 1925, reportedly valued at \$17,500. After he and his partner disappeared in 1927, efforts to relocate their workings resulted in the formation of "Two Brothers Valley Gold Mines Ltd." in 1933. Cominco was active in the area at the same time, staking and working several base metal showings. There was sporadic exploration for gold, copper, lead and zinc between 1934 and 1960. The area was actively explored by Sumitomo, Umex and Texas Gulf Sulphur between 1963 and 1967, and in 1968 for porphyry copper and molybdenum deposits by Kennco Exploration (Western) Ltd., Cominco Ltd. and Cordilleran Engineering Ltd. Numerous copper-molybdenum prospects were acquired and explored as a result of the 1968 reconnaissance programs.

Kennco Exploration (Western) Ltd. recognized the precious metal potential of the area and staked the Lawyers and Chappelle claims and explored them until 1975. The Chappelle property was eventually optioned to Conwest Exploration Ltd. and then to DuPont of Canada Exploration Ltd. This led to the discovery of the Baker deposit. The Baker mine was put into production in 1981 at 100 tons/day with indicated reserves of 70,000 tons and grades of 0.9 ounces/ton gold and 19.0 ounces/ton silver in the "A" vein. The Baker deposit was mined out in 1983. The lawyers property is is presently held under option to Serem Inc. Surface and underground drilling has defined a deposit containing 1,000,000 tons grading 0.21 ounces/ton gold and 7.1 ounces/ton silver (Schroeter, 1985<sup>1</sup>).

Numerous companies are actively exploring or holding claims in the Toodoggone River area including Serem Inc., Cominco Ltd., Kidd Creek Mines Ltd., Newmont Exploration, Golden Rule Resources Ltd., Lacana Mining Corporation, St. Joe Canada Inc. and Energex Minerals Ltd. Energex has recently reported drill indicated reserves of 160,000 tons with a grade of 0.37 ounces/ton gold.

Previous work in the area of the Argus Group consisted of geological mapping and soil geochemistry by Cominco Ltd. in 1968 and Kennco Explorations Ltd. in 1968 and 1969. Cominco Ltd. was looking for porphyry copper-molybdenum mineralization and soil samples were analyzed for copper and molybdenum only. Kennco Explorations' effort on an adjoining area to the east was also in the search for porphyry deposits but included analysis for lead and zinc.

The ground was staked in 1980 by Serem Inc. as the Argus claims and a program of stream sediment and contour soil sampling was carried out. Mapping was done in a reconnaissance manner and several grab samples were analyzed for base and precious metals. Analysis of the stream sediment and soil samples indicated several areas which are anomalous in gold, silver and copper. No further exploration work was carried out on the Argus claims by Serem and the claims were allowed to lapse. A program of soil geochemical sampling and preliminary geological mapping was carried out between July 14 and July 27, 1985 by Orequest Consultants Ltd., Hi Tec Resources Management Ltd. and Ashworth Explorations Ltd. on behalf of Rhyolite Resources Inc. This work identified several promising anomalies. The trenching and sampling program carried out by Rhyolite during August and September, 1985 was based on the results of this work.

#### 1.4 SUMMARY OF WORK

Work performed by Rhyolite Resources Inc. during the fall of 1985 included Heavy sediment sampling, hand and blast trenching and rock sampling. The heavy sediment sampling was carried out on August 17, 1985 and subsequently, a crew of two people, consisting of a geologist and an assistant, was employed between August 27 and September 11, 1985 to perform the trenching and rock chip sampling.

Four (4) approximately 5 kilogram heavy sediment samples were taken at key locations on the property using a Keene one inch suction dredge with a one meter sluice box. The volume of material sampled averaged between 0.25 and 0.75 m<sup>8</sup>. All samples were analyzed for gold and silver.

Five large and several smaller trenches were excavated using a combination of hand trenching and blasting. The five large trenches were mapped and channel sampled along their lengths.

A total of thirty (30) rock samples were collected. Nine samples were collected from selected outcrops on the property, one from float, and the remaining twenty were channel samples obtained from the trenches. All rock samples were analyzed by 30 element ICP as well as separately for gold.

#### 2.0 REGIONAL GEOLOGY

#### 2.1 LITHOLOGY

The Toodoggone River area represents an erosional remnant of Late Paleozoic sedimentary rocks through younger Middle Triassic to Middle Jurassic volcanically derived rocks and their coeval Omineca intrusions (Fig. 3). The Toodoggone gold camp is in a 15 to 20 kilometers wide belt of volcanic, sedimentary and intrusive rocks extending northwesterly from Thutade Lake to the Stikine River, a distance of more than 100 kilometers. The oldest rocks in the area belong to the Asitka Group of Permian age. This group consists of cherts, argillites, limestones and greenstones. They are overlain by the Takla Group, which consists of intermediate flows and pyroclastics of upper Triassic age. The Takla is characterized by abundant flows of augite andesite, basalt, porphyritic feldspar andesite and their volcaniclastic sedimentary equivalents.

The volcanic rocks lying stratigraphically above the Takla Group have been classified under two headings: the Toodoggone and the Hazelton. The Toodoggone Group is of Lower Jurassic age and is equivalent to the base of the Hazelton Group (Panteleyev, 1984<sup>2</sup>). The Toodoggone volcanics consist predominately of subaerial dacite, latite, trachyte and rhyolite pyroclastic rocks more than 500 meters in thickness, which unconformably overlie the Takla Group rocks. The majority of the epithermal precious metal occurrences in the area are associated with the Toodoggone volcanic rocks. However, the Baker deposit occurs in Takla volcanic rocks.

The Toodoggone volcanics are bordered on the east by, and are in fault contact with, the Hazelton Group, consisting of intermediate volcanic conglomerate, breccia, lahar and abundant pink feldspar porphyry dykes and sills. These rocks range in age from Lower Jurassic to Upper Jurassic. Non-marine sedimentary rocks of the Sustut Group unconformably overlie the Toodoggone rocks along the western margin of the belt. These non-marine rocks are predominately conglomerates, sandstones and tuffs of Upper Cretaceous and Tertiary age. In addition to the abundant intrusive dykes and sills noted within the Toodoggone and Hazelton Groups, there are acid to intermediate and alkaline stocks and plugs that are intruded into the Toodoggone area. These intrusions are believed to be related to the Omineca batholith of Jurassic age.



#### 2.2 STRUCTURE

The Toodoggone rocks display broad open folds with dips generally less than 25<sup>0</sup> predominantly to the west. The overlying Sustut Group rocks have relatively flat dips and are structurally unaffected (Vulimiri et al, 1983<sup>3</sup>).

The region is dominated by a northwesterly trending set of structures represented by younger steeply-dipping faults and syn-volcanic half-graben margins exhibited in Toodoggone volcanics. As postulated by Schroeter (1981)<sup>4</sup>, these major structural breaks may be directly related to a northwest-trending line of volcanic centres. This structural regime appears to have influenced deposition of the Toodoggone volcanics within the later stages of the carly eruptive cycles. The Black Lake stock and the smaller McClair stock on the Toodoggone River are also aligned northwesterly, implying that they were influenced by the same structural trend. Younger post volcanic and intrusive faults, recognizable as lineaments on the topography, also traverse the district in a northwesterly direction. Most of the prominent gossans in the area are also aligned along this same configuration of faults (Vulimiri et al, 1983<sup>3</sup>).

#### 2.3 MINERALIZATION

The Toodoggone camp exhibits at least four types of precious metal mineralization, the most common being epithermal in origin. The epithermal deposits occur as massive quartz veins such as at the Baker mine, or as silicified zones and amethystine breccia zones such as at the Lawyers deposit. They are generally close to northwest-trending faults and are associated with siliceous volcanic centres, exhalative vents and zones of alteration within the Toodoggone volcanics. Quartz, barite and carbonate are the chief gangue minerals. Vein minerals are acanthite, pyrite, electrum, chalcopyrite, native gold, sphalerite and galena.

Potentially larger amounts of gold occur in the alkaline monzonite intrusions which carry porphyry copper and molybdenum mineralization. such as the Moose zone of Energex Minerals Ltd., the Kemess group of Kennco, and the Ron Group of Pacific Ridge Resources Corp. Grades range from 0.1% to 0.3% copper and 0.01 to 0.04 ounces/ton gold. Erratic precious metal values occur in association with copper-lead-zinc skarns developed at the contacts of Asitka and Takla limestones and Jurassic intrusions. Minor values are also noted in a few stratabound massive sulphide zones reported from the Takla and Hazelton sequence in the area (Cooke, 1985<sup>5</sup>).

#### 3.0 PROPERTY GEOLOGY

#### 3.1 LITHOLOGY AND STRUCTURE

The claims are underlain by feldspar porphyritic flows, crystal lapilli tuffs, pyroclastic breccias, lahars and volcanically derived conglomerate, mudstone and greywacke. These rocks are similar to the Lower Jurassic Toodoggone and Hazelton Groups described by Diakow et al (1985)<sup>8</sup>. They are intruded by monzonite, syenite and quartz monzonite of Lower to Middle Jurassic age. Late mafic dykes cut the entire sequence.

The volcanic and sedimentary sequence has been faulted into a number of blocks. Major faults trend northwest and northeast, with a minor trend to the north. Mafic dykes and mineralized fractures correspond to these trends (Crawford and Vulimiri, 1981<sup>7</sup>).

#### 3.2 ALTERATION AND MINERALIZATION

Numerous gossans on the claims mark an extensive zone of disseminated pyrite and intense propylitic (chlorite and epidote) alteration. Yellowish-white clay alteration occurs along faults. Locally, rocks are completely altered to blue-white silica with disseminated pyrite. Minor amounts of galena and malachite stain have been found.

Outside of the propylitic zone, chlorite and epidote are confined to fractures and narrow haloes around syenite-monzonite stocks and dykes. Rocks are extensively hematized. Vuggy quartz and calcite veins occur in a few areas. In 1980, mapping by Serem Ltd. discovered banded grey and amethyst quartz veins and adjacent malachite fracture fillings on the Paul claim (then the Argus 3 claim); however, gold and silver assays in the area were in the background range (Crawford and Vulimiri, 1981<sup>7</sup>).

#### 4.0 WORK PROGRAM

#### 4.1 HEAVY SEDIMENT SAMPLING

Four (4) approximately 5 kilogram heavy sediment samples were taken at key locations on the property (Fig. 4) using a Keene one inch suction dredge with a one meter sluice box. The volume of material sampled averaged between 0.25 and 0.75 m<sup>3</sup>. All samples were analyzed for gold and silver.

The heavy sediment samples were analyzed at Chemex Labs Ltd., 212 Brooksbank Avc., North Vancouver, B.C. Heavy sediment samples were analyzed as follows:

The samples were initially floated in Tetrabromocthene to isolate minerals with a specific gravity greater than 2.95 +/- 0.1 g/cm<sup>3</sup>. This fraction was then crushed to -100 mesh and geochemically analyzed for gold and silver. This process required 10 gm sub-samples to be fused with 10 mg of gold free silver metal. The fusion was then cupelled and the remaining silver bead parted with dilute nitric acid and treated with aqua regia. The remaining salts were then dissolved in dilute HCl and analyzed for gold via atomic absorption spectrometer with a 5 ppb detection limit.

Silver analysis required 1 gram portions of each sample to be digested in a 20%  $HClO_4 - 4\% HNO_8$  mixture for approximately two hours. The digested sample was then cooled and made up to 25 ml with distilled water. The solution was then mixed and the solids were allowed to settle. Silver concentration was then determined using corrected atomic absorption techniques with a detection limit of 0.1 parts per million (ppm).

#### 4.2 TRENCHING

During August and September, 1985, several small hand trenches, up to 1.5 meters deep, were dug on the Argus property. These trenches were located in areas of highly altered and gossanous soil which had returned anomalous precious metal values. The purpose of the trenches was to determine the exact location, size and orientation of these altered zones. The trenches were dug on or near the tops of ridges to minimize the possibility of down slope soil creep.

The hand trenching located three promising zones of alteration, and five large trenches were excavated using a combination of hand trenching and blasting utilizing "Nilite F.R." and dynamite. Each trench was then mapped and channel sampled along its entire length (Figs. 5a and 5b).



#### RHYOLITE RESOURCES INC.

ARGUS GROUP

#### HEAVY SEDIMENT AND ROCK SAMPLE SITES

1:50 000 Fig. 4 May, 1986





#### 4.3 LITHOGEOCHEMISTRY

Thirty rock samples were collected during the program carried out in August and September, 1985. Nine of these samples were collected from selected outcrops throughout the property, one from float and the remaining twenty from the bottoms of the trenches (Figs. 5a and 5b).

All samples were analyzed by 30 element ICP and for gold at Acme Analytical Laboratories Ltd., 852 East Hastings St., Vancouver, B.C. Analysis by ICP requires that a .500 gram sample is digested with 3ml of a 3 to 1 to 2 mixture of HCl-HNO<sub>3</sub>-H<sub>2</sub>O at 95<sup>o</sup>C for one hour and is then diluted to 10ml with water. The sample is then analyzed by inductively coupled plasma techniques. Gold is analyzed separately by atomic absorption from a 10 gram sample (Appendix 1).

A description of the rock samples is as follows:

AR001	Grab sample - highly silicified rock, yellowish-white, clay mineral development.
AR002	Grab sample - highly silicified rock, yellowish-white, clay mineral development.
AR003	Chip sample (2m) - vein(?) of quartz/quartz feldspar porphyry.
AR004	Grab sample - volcanic agglomerate, basaltic matrix, highly weathered.
AR005	Grab sample - andesite(?), possible mafic dyke, contains minor magnetite.
AR006	Grab sample - pink syenite/quartz diorite.
AR007	Grab sample - andesite, displays argillic alteration
AR008	Grab sample - highly altered sycnite(?).
AR009	Grab sample - highly altered syenite(?), occasional phenocrysts of epidote.
AR024	Grab sample - quartz/carbonate vein material, minor pyrite, found in float below outerop.

# TRENCH 1

AR010	Channel sample (1m) - bleached and altered rock, clay rich.
AR011	Channel sample (1m) - bleached and altered rock, clay rich.
AR012	Channel sample (1m) - bleached and altered rock, clay rich, quartz fragments.
AR013	Channel sample (1m) - bleached and altered rock, clay rich, minor pyrite.
AR014	Channel sample (1m) - bleached and altered rock, clay rich, minor pyrite.
AR015	Channel sample (2m) - bleached and altered rock, clay rich, minor pyrite.
	TRENCH 2
AR016	Channel sample (1m) - bleached and altered rock, clay rich.
AR017	Channel sample (1m) - bleached and altered rock, clay rich.
AR018	Channel sample (1m) - bleached and altered rock, clay rich, quartz fragments.
AR019	Channel sample (1m) - bleached and altered rock, clay rich, abundant pyrite.
AR020	Channel sample (2m) - bleached and altered rock,

clay rich, abundant pyrite.

#### TRENCH 3

AR028	Channel sample (2m) - pyritic bleached rock fragments in a brown clay rich soil.
AR029	Channel sample (2m) - pyritic bleached rock fragments in a brown clay rich soil.
AR030	Channel sample (2m) - pyritic bleached rock fragments in a brown clay rich soil.
	TRENCH 4
AR025	Channel sample (2m) - silicic rock fragments in a yellow/white clay soil, minor pyrite.
AR026	Channel sample (2m) - silicic rock fragments in a yellow/white clay soil, minor pyrite.

# AR027 Channel sample (2m) - silicic rock fragments in a yellow/white clay soil, minor pyrite.

#### TRENCH 5

AR021	Channel sample (2m) - quartz-feldspar-carbonate rock fragments in yellow/white clay.
AR022	Channel sample (2m) - quartz-feldspar-carbonate rock fragments in yellow/white clay.
AR023	Channel sample (2m) - quartz-feldspar-carbonate rock fragments in yellow/white clay.

#### 5.0 RESULTS AND INTERPRETATION

The results of the heavy sediment sampling, trenching and rock chip sampling program were largely inconclusive. One anomalous heavy sediment sample was obtained (4400 ppb gold). This is indicative of the presence of gold mineralization upstream from the sample location and further work is warranted to investigate its source.

The various grab samples collected from around the property returned generally low values. The one sample collected from float, number AR024, was anomalous with 1620 ppb gold but unfortunately it could not be traced to its source.

No anomalous results were obtained from the trenches. This lack of encouraging results from the trenching program may be largely due to the unexpectedly deep weathering of the rock on the ridge tops. Trenches were excavated to depths exceeding two meters but at no time was solid rock encountered.

The one anomalous value obtained from the heavy sediments, the presence of an anomalous gold value in the one sample of float, and the prominent soil geochemistry anomalies obtained during earlier work programs, indicates that there is potential for precious metal mineralization on the property. 6.0 CERTIFICATE

I, Steven F. Coombes, do hearby certify that:

I graduated from the University of British Columbia with a B.Sc. degree (Geology) in 1983.

I have practiced my profession in western Canada for the past three years.

I am a geologist employed by Searchlight Resources Inc. with a business address of 218-744 West Hastings St., Vancouver, British Columbia, V6C 1A5.

This report is based on reports by Professional Engineers and others working for the previous owners and operators of the property.

I performed the exploration work on the ARGUS Group between August 27 and September 11, 1985.

I hold no interest in Rhyolite Resources Inc. or the ARGUS Group of mineral claims.

Respectfully Submitted:

lonher

Steven F. Coombes, B.Sc. Geologist.

May 15, 1986.

#### CERTIFICATE OF QUALIFICATIONS

I, Arthur Sydney Ashton, do hereby certify that:

- I am a practising geological engineer with a residence at 5441 - 7B Avenue, Delta, British Columbia.
- 2. I am a graduate of the University of Toronto and have been granted the degree of Bachelor of Applied Science.
- I have been practising my profession as a geological engineer for thirty-six years.
- 4. I am a member of the Association of Professional Engineers of British Columbia and a member of the Association of Professional Engineers of Ontario.
- 5. I am a Director and Corporate Secretary of Rhyolite Resources Inc.

A.S. Ashton, P.Eng.

Vancouver, B.C. June 13, 1986 7.0 BIBLIOGRAPHY

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15

## APPENDIX 1

# Certificates of Analysis



: GOLDEN PORPHYRITE LTO.

VANCOUVER. B.C.

V6C 1A5

218 - 744 W. HASTINGS ST.

# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212BrooksbankAve.NorthVancouver, B.C.CanadaV7J 2C1Telephone:984-0221Telex:043-52597

# CERTIFICATE OF ANALYSIS

CERT. # : A8515416-001-A INVOICE # : I8515416 DATE : 2-SEP-85 P.O. # : NONE RHYOLITE (ARGUS)

Sample description	Prep code	Ag ppm Aqua R	AU PPD FA+AA		
J S DREDGGE 1	213	0.6	20	 	 
J S DREDGGE 2	213	0.6	< 50	 	 
J S DREDGGE 3	213	0.1	<10	 	 
J S DREDGGE 4	213	1.4	4400	 	 



Certified by HartBuchler

ACME ANALYTICAL LABORATORIES LTD.

#### B52 E.HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

#### GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HN03-H20 AT 95 DEG. C FOR DWE HDUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: ROCK CHIPS AU+ ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 26 1985 DATE REPORT MAILED: Oct 2/85 ASSAYER. N. ARALLO. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

RHYDLITE RESOURCES FILE # 85-2546

PAGE 1

	SAMPLE	No PPN	Cu PPM	РЬ РРМ	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPH	Fe 1	As PPN	U PPM	Au PPM	Th PPN	Sr PPM	Cđ PPM	Sb PPM	Bi PPM	V PPM	Ca I	P Z	La PPM	Cr PPM	Ng Z	Ba PPM	Ti Z	B PPN	Al Z	Na I	K Z	¥ PP#	Au t PPB
	AR001	1	8	10	9	1.2	1	1	33	1.37	7	5	ND	2	5	1	4	2	3	.01	.03	8	1	.02	186	.01	2	.23	.01	.14	1	95
	AR002	6	119	15	431	.6	2	7	1435	2.08	2	5	ND	3	202	4	2	2	8	.82	.06	9	2	.17	299	.04	2	.69	.01	.11	1	55
	AR003	11	24	51	32	.9	1	1	116	3.84	8	5	ND	6	177	1	2	2	11	.04	.17	21	1	.13	92	. 08	3	.54	.15	.20	1	10
	AR004	2	56	38	148	1.0	5	5	1188	7.02	7	5	ND	5	46	1	2	2	123	.58	.12	12	6	1.19	296	.30	3	1.95	.02	.14	1	36
	AR005	1	45	19	125	.2	9	11	1864	6.89	7	5	ND	4	47	1	2	2	204	3.16	.14	15	5	1.99	133	. 49	7	3.27	.03	.04	1	
	AR006	1	35	13	51	.1	1	2	513	2.12	2	5	KD	9	12	1	2	2	37	. 20	.05	12	2	. 40	104	.06	2	.65	.03	.12	1	6
	AR007	1	5	4	8	. 6	1	1	72	.76	2	5	ND	2	2	1	2	2	5	.03	.02	3	1	.05	87	.01	2	.30	.01	.14	1	42
	AROOS	3	3	2488	3	.3	1	1	11	.42	4	5	ND	3	8	1	2	30	5	.01	.01	2	1	.01	356	.01	6	.25	.01	.13	1	1
	AR009	3	39	339	71	. 6	1	1	42	2.42	4	5	ND	6	16	1	4	2	10	.01	.05	13	1	.04	88	.01	2	.4/	.01	. 50	1	2
	AR010	14	18	39	31	1.3	1	1	274	3.92	8	5	ND	8	227	1	2	2	30	.03	.09	17	1	.25	129	.11	2	.97	.08	. 21	1	, <sup>4</sup>
	AR011	7	27	22	36	1.0	1	1	325	4.07	3	5	ND	5	163	1	2	2	39	.03	.08	12	1	. 30	196	.08	2	1.12	.05	.14	1	4
	AR012	18	11	28	14	1.4	1	1	121	5.06	2	5	ND	5	131	1	2	2	22	.01	.03	13	1	.10	18	.07	2	. 44	.07	.18	1	15
	AR013	5	18	21	38	.6	1	1	425	4.71	2	5	ND	4	124	1	2	2	46	.02	.04	10	1	. 35	29	.13	2	.91	.05	.09	1	1
	AR014	3	17	16	57	.6	1	1	807	3.27	3	5	ND	4	130	1	2	2	46	.05	.04	11	1	.62	108	.17	2	1.51	.05	.09	1	
N. 19	AROIS	22	50	38	42	1.6	1	1	724	4.49	2	5	ND	5	167	1	2	2	43	.03	.05	11	1	. 38	202	.14	2	1.10	.03	.09	1	12
	AR016	8	35	27	17	.1	1	1	32	5.20	10	5	ND	4	260	1	2	2	17	.03	.17	19	1	.03	210	.02	2	.37	.07	.16	1	5
	AR017	10	20	39	16	1.5	1	1	82	3.94	2	5	ND	5	17B	1	2	2	22	.02	.08	17	1	.09	42	.05	2	.65	.14	-21	1	8
ang an	AR018	. 22	31	36	29	1.8	1	1	246	5.70	3	5	ND	5	114	1	2	2	50	.02	.07	16	1	. 25	60	.13	3	.89	.09	.20	1	1
* (Z.)	AR019	16	19	28	29	1.7	1	1	380	4.51	2	5	ND	5	74	1	2	2	42	.03	.04	10	1	. 28	100	.17	2	.89	.04	.14	1	0
	_AR020	15	21	26	43	1.6	1	1	513	4.49	3	5	ND	4	177	1	2	2	46	.03	.05	13	1	.40	190	.13	2	1.30	.03	.11	1	8
TIE	AR021	5	5	10	6	1.2	1	1	32	1.33	6	5	ND	1	30	1	2	2	4	.01	.04	2	1	.02	80	.01	2	.22	.01	.23	1	32
11-	AR022	4	7	11	6	1.6	1	1	25	1.50	4	5	ND	2	64	1	2	2	5	.01	.02	3	1	.02	53	.01	2	.23	.06	.21	1	34
	AR023	5	6	11	7	.7	1	1	53	1.44	5	5	ND	2	47	1	2	2	5	.01	.03	3	1	.02	84	.01	2	.24	.05	.12	1	26
	AR024	19	12	310	16	3.8	1	1	53	.81	5	5	ND	1	444	1	3	2	3	.02	.02	6	1	.01	103	.01	2	.15	.01	.13	1	1620
	AR025	3	44	15	117	.8	4	2	609	3.42	7	5	ND	4	23	1	2	2	27	.03	.07	11	8	.51	106	.02	2	1.02	.04	-11	1	28
TR 4	AR026	3	47	8	112	.4	1	1	543	2.73	4	5	ND	3	21	1	2	2	13	.02	.06	7	3	. 48	236	.01	2	.81	.02	.14	1	19
4	AR027	7	17	10	32	.2	1	1	131	1.61	5	5	ND	3	23	1	2	2	6	.01	.05	B	2	.09	130	.01	2	. 42	. 01	.17	1	27
	AR028	3	67	25	53	.9	1	1	420	2.88	9	5	ND	5	19	1	2	2	16	.02	.07	10	2	.47	127	.02	2	.82	.03	.26	1	1/5
TES	AR029	8	129	19	172	.6	1	B	1343	6.77	57	5	ND	4	20	1	2	4	85	.12	.18	13	1	1.36	123	.02	4	2.05	.04	.23	1	12
<b>U</b>	AR030	6	87	15	71	.7	2	2	490	3.83	32	5	ND	4	27	1	2	2	25	.03	.10	13	3	.59	179	.02	2	1.21	.03	.25	1	10
	STD C/AU-0.5	20	58	39	136	7.0	70	26	1168	3.99	38	17	8	38	51	17	15	22	60	. 46	.13	38	57	.88	176	.08	41	1.72	.06	.11	12	500

APPENDIX 2

Itemized Cost Statement

#### ITEMIZED COST STATEMENT

#### ARGUS GROUP OF MINERAL CLAIMS

Hi-Tec Resource Management -' 1985 Geochemical and rock sampling, mapping alteration, etc. \$41,016.91\* Orequest -1985 report of exploration covering work carried out by Hi-Tec 3,402.00\* Searchlight Resources Inc. -1985 Transportation, consulting, heavy metal survey 7,424.67 0 Searchlight Resources Inc. -650.00 o Final report Northern Mountain Helicopters -4,856.00 x Rhyolite Resources Inc. -Wages for engineer & prospector for trenching 2,399.92 x 351.50 x Expenses Engineer's Report by D.L. Cook 1,100.00 x \$61,201.00 Total Costs

Certified Correct

S. Ashton, P.Eng.

\*, o, x - refer to Apportioned Costs as listed on Title Page and Summary form



86-327-

#### GEOCHEMICAL and PROSPECTING REPORT ON THE ARGUS GROUP OF MINERAL CLAIMS FOR RHYOLITE RESOURCES INC. OMINECA MINING DIVISION BRITISH COLUMBIA

NTS 94E/7W LAT. 57° 20'North, LONG. 126° 58'West

> Anthony Floyd Diane Howe September 25, 1985

DREQUEST



OREQUEST CONSULTANTS LTD. 404 - 595 Howe Street, Vancouver, B.C., Canada, V6C 2T5 Telephone: (604) 688-6788

#### SUMMARY

The Argus mineral claim group owned by Rhyolite Resources Inc. of Vancouver is located in the Toodoggone River area approximately 300 kilometers north of Smithers, B.C.

The oldest rocks in the claim area are Jurassic age pyroclastics, andesitic tuffs and flows of the Hazelton and Toodoggone volcanic rocks. It is believed the Hazelton rocks are slightly older and may be in part related to the Toodoggone rocks. Intrusive to these volcanics are suites of granitoid rocks including; granodiorite, quartz diorite and quartz monzonite collectively grouped as the Omineca intrusions. Hypabyssal dikes including quartz-feldspar and feldspar porphyries believed related to the latter stages of the Omineca batholith form a distinct and mappable group in the claim area.

The Toodoggone area has been the scene of intense exploration activity during the past four years. The most important economic mineralization is epithermal precious and base metal deposits principally hosted in the Toodoggone volcanics. Gold-silver mineralization occurs principally in fissure veins, quartz stockworks, breccia zones and areas of pervasive silicification. Alteration assemblages are typical of epithermal deposits.

The only recorded work on the claim area was in 1981 when S.E.R.E.M. conducted a reconnaissance geological and silt geochemical survey over their Argus mineral group. The claims were eventually allowed to lapse. In mid-July, 1985, OreQuest Consultants Ltd., Hi Tec Resources Management Ltd. and Ashworth Explorations Ltd. on behalf of Rhyolite Resources Inc. conducted a soil geochemical and preliminary geological survey over portions of the claim area.

Encouraging results were obtained and further exploration is recommended. A Phase II program should include alteration mapping, trenching and a continuation of prospecting and sampling of the unsurveyed portions of the property.

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Summary

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Anthony Floyd, Consulting Geologist

Diane Howe, Project Geologist

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### 1. INTRODUCTION

This report summarizes the 1985 exploration work carried out on the Argus mineral claim group, 100% owned by Rhyolite Resources Inc. of Vancouver, B.C. Work included reconnaissance geological mapping, prospecting and a soil geochemical survey.

The information contained in this report is based upon the author's personal examination of the property in late July 1985, as well as from information obtained through various government and private publications listed in the Bibliography.

# 1a. LOCATION and ACCESS

The Argus mineral claim group is 300 kilometers north of the city of Smithers located in west-central B.C. The claim block is situated in the Toodoggone River area and is centered at 57° 20' North Latitude and 126° 58' West Longitude on NTS map sheet 94E/7W, (Figures 1 and 2).

Access into the Toodoggone River area is by fixed wing aircraft to a 1,600 metre long gravel airstrip on the Sturdee River. The mineral claims are a 20 kilometer helicopter flight north east of the airstrip.

A road currently links Baker Mine and the Lawyers property with the Sturdee airstrip. An extension of the Omineca mining road which now terminates at Johanson LLake some 65 kilometers to the southwest is planned which would provide convenient road access to Prince George and points south at a future date.

# 1b. PHYSIOGRAPHY

The property is located within the Omineca Mountains of the Intermontane Physiographic Belt.

The Toodoggone River region is an upland feature comprising rounded to . craggy mountains and ridges dissected by broad alluvium-filled valleys. Steep walled cirques are common on north facing slopes while southerly slopes are more gentle and rounded.

On the Argus group, elevations vary between 1,380 metres at the southeastern corner to 2,000 metres at the southwestern edge. At least 60% of the claim area is above treeline, while below 1,600 metres dense growths of alpine spruce, fir and balsam prevail.

# **1c. PROPERTY INFORMATION**

The Argus group of minerals claims consist of 4 claim blocks totalling 72 units. All claims are owned 100% by Rhyolite Resources Inc. of Vancouver, B.C.

The following table summarizes pertinent data for the claim block:

Claim Name	Units	Record #	Recording	Date	Anniversary Year*
Adrian	20	6911	March 25,	1985	1986
Paul	20	6912	March 25,	1985	1986
Ian	20	6913	March 25,	1985	1986
Otto	12	6915	March 25,	1985	1986

\*Assessment credit will be applied to extend this date.

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All claims are located in the Omincea Mining Division of B.C. (Figure 3).

1d. HISTORY and PREVIOUS WORK

Earliest recorded activity in the Toodoggone area was in the 1920's and 1930's where placer gold was discovered near the junction of McClair and Toodoggone creeks. At this time lead-zinc was also being investigated near the north end of Thutade Lake and on the Castle Mountain ground located just south of the Baker Mine. In 1969, gold-silver mineralization was discovered on the Chappelle (Baker Mine) property by Kennco Explorations Ltd. and subsequently acquired by DuPont of Canada Exploration Ltd. in 1974. By 1980, DuPont had begun production at a milling rate of 90 tonnes per day. The mine has subsequently ceased operations and DuPont has recently sold the property to Multinational Resources Inc. whom at present are re-evaluating the ground.

The Toodoggone area has been the scene the intense exploration activity during the past four years with numerous individual companies exploring over 3,000 mineral claim units. Of the numerous gold-silver discoveries in the Toodoggone, the Lawyers (S.E.R.E.M.) deposit is presently undergoing feasibility studies. Various other discoveries are presently under various stages of exploration and development.

The Otto, Paul, Ian and Adrian claims of Rhyolite Resources Inc. are partially a relocation of the Argus 1-4 mineral claims previously owned by S.E.R.E.M. Ltd. The previous operators carried out reconnaissance geological and geochemical work which is contained in a report by Crawford and Vulimari (1981).

# 2. 1984 FIELD WORK

The 1985 preliminary field work was carried out between July 14 to 27 under the supervision of D. Howe, geologist. OreQuest Consultants Ltd. with guidance and support from A. Floyd, Consulting Geologist, OreQuest Consultants Ltd. and D. Cooke, Cooke Consultants Ltd. Support personal from Ashworth Explorations Ltd. and Hi Tec Resource Management Ltd. were used for the soil survey and base camp operations.

# 2a. GEOLOGY and MINERALIZATION

The Toodoggone River area is situated at the eastern margin of the Intermontane tectonic belt.

The oldest rocks in the area are late Paleozoic limestone most prominent in the Baker Mine area where they are in fault contact with late Triassic Takla group volcanic rocks. The Castle Mountain zinc skarn prospect is found within this package of limestones.

The Takla rocks are generally comprised of andesitic flows and pyroclastic rocks, crystal and lapilli tuffs. Intrusive to the Takla and Permian Limestones are Jurassic and Cretaceous age granodiorites and quartz monzonites of the Omineca Intrusives.

Unconformably overlying the Takla rocks are a distinct package of Jurassic age, sub-areal, intermediate calc-alkalic to alkalic pyroclastic assemblage

named the Toodoggone volcanics. These volcanics are thought to be coeval in part to the Omineca intrusives particularly related to the syenomonzonite bodies and quartz feldspar porphry dikes prominent in the area.

The Toodoggone volcanics are contained within a 100 x 25 kilometer northwest trending belt extending from Thutade Lake to the south to the Stikine River in the north.

Clastic sedimentary rocks of the Cretaceous Tertiary Sustut Group unconformably overlie the older Takla and Toodoggone rocks.

Geological mapping in the claim area shows the property to be underlain by both early Jurassic Hazelton group andesitic flows and pyroclastics and the favourable Toodoggone volcanic sequence.

The Hazelton volcanics are believed to be slightly older and are generally found in fault contact with the lower and middle units of the Toodoggone volcanic sequence.

Within the claim area Omineca intrusives comprised of granodiorite and quartz diorite occur along the fault contact separating the two volcanic sequences. Mapped as the McLair stock, the intrusions transect northwesterly through the claim area.

A predominant feature in the claim area are the large limonitic gossans; probably related to the emplacement of the intrusives.

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The Toodoggone volcanics represented in the area comprise the lower and middle portions of the Toodoggone volcanics.

Green to grey, biotite hornblende-plagioclase porphyritic flows, tuffs and ash flows dominate the southwestern edge of the claim area and generally form high craggy peaks and ridges. The rocks being andesitic in composition have characteristic salmon pink and orange coloured plagioclase crystals.

Extensive zones of propylitic alteration consisting of chlorite, epidote and calcite are common within this unit. Appreciable amounts of barite, generally associated with calcite veins, were observed.

Intrusive to this package of rocks are dikes and sills of various compositions including: basalt, feldspar porphyry, quartz eye feldspar porphyry, quartz monzonite, syenite and quartz diorite. Except for the basalt dikes, these intrusives most probably represent the various stages of cooling and emplacement of the main intrusive body now located in the valley.

The main intrusive generally consists of a homogeneous medium grained, partially porphyritic granodiorite and quartz diorite stock.

The Hazelton volcanics (tentatively labelled - may be Toodoggone volcanics in part) consist of andesitic hornblende, plagioclase porphyritic flows, tuffs, breccias, conglomerate, greywackes and siltstones. Hazelton rocks form the eastern edge of the claim area. The structural setting in the Toodoggone area was probably the most significant factor in allowing mineralizing solutions and vapours to migrate through the huge volcanic pile in the Toodoggone area. The entire area has been subject to repeated, extensive normal block faulting from Jurassic to Tertiary time. It is postulated that a northwesterly trending line of volcanic centres intrusive into a gold-silver rich 'province' caused major structural breaks, some extending for 60 kilometers or more (eg. McLair Creek system, Lawyers system).

Today Toodoggone rocks display broad open folds with dips less than 25°.

Several styles of economic mineralization have been identifed by Schroeter

(B.C.D.M.) and are summarized here by N.C. Carter (1985):

"The most important economic mineralization are epithermal precious and base metal deposits hosted principally by lower and middle units of Toodoggone volcanics and related to Toodoggone volcanic processes. Gold-silver mineralization occurs principally in fissure veins, quartz stockworks, breccia zones and areas of silicification in which ore minerals are fine-grained argentite, electrum, native gold and silver and lesser chalcopyrite, galena and sphalerite. Alteration mineral assemblages are typical of epithermal deposits with internal silicification, clay minerals and locally alunite, grading outward to sericite and clay minerals, chlorite, epidote and pyrite.

Examples include Baker Mine, a fissure vein system developed in Takla volcanic rocks, but spatially related to dikes believed to be associated with Toodoggone volcanic rocks. Pre-mining indicated reserves were 90,000 tonnes grading 30 grams/tonne gold and 600 grams/tonne silver. Recovered grades during the 3 year mine life were about half the indicated grades due to initial mill recovery problems and greater than expected dilution during mining.

The Lawyers deposit has gold-silver mineralization in banded chalcedony-quartz stockwork veins and breccia zones developed in Toodoggone volcanic rocks. Three potential ore zones have been defined to date and recently announced reserves (Schroeter, 1985) are 1 million tonnes grading 7.27 grams/tonnes gold and 254 grams/tonne silver. Numerous other epithermal gold-silver deposits in the area are hosted by lower and middle units of the Toodoggone volcanic sequence. These include the Sha, Saunders, Graves, Moosehorne, Mets, Metsantan, Al, JD and Golden Lion prospects. It is interesting to note that most of the known deposits and occurrences are adjacent to two northwesterly striking regional fault structures; the Sha-Baker-Lawyers-Alberts Hump structure and the Saunders-McClair fault system".

The claim area is segmented by a network of faults and crosscutting dikes. A number of isolated "patches" of intermediate to advanced argillic alteration and silicification occupy areas within the large limonitic gossan which in general forms recessive ridges. Typically these zones are white with yellow-orange surface oxidation, display remnant porphyritic texture and are composed almost entirely of clay. Some of these clay argillic alteration zones contain quartz stockwork-veinlets from which composite grab samples yielded values up to 209 ppb gold.

It appears at this time that the argillic alteration and quartz veining may represent a quartz stockwork system possibly related to a northwest trending fault zone centered at the valley bottom.

### 2b. SOIL GEOCHEMICAL SURVEY

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Based on the numerous studies in the Toodoggone area, soil, rock and stream sediment geochemistry have proven to be the most useful tools in the search for epithermal precious metal deposits. Gold and silver give diagnostic signatures, but analyses for copper, barium and arsenic are also helpful.

A total of 701 soil and 37 rock samples were collected over three separate

compass and flagged grid areas designated south, north and Otto's spur. The grids were centered over the ridges which displayed prominent rusty gossans.

On the south grid the 1.0 kilometer baseline runs north-south with crosslines at 100 metre intervals. Between 4+00 and 9+00 south, the crosslines were spaced at 50 metre intervals. Sample stations were set at 50 metres.

On the north grid the 1.0 kilometer baseline was oriented at 300° with crosslines every 100 metres. Sample stations were spaced at 25 metre intervals.

Two north-south lines spaced 150 metres apart transect over Otto's spur for 2.0 kilometers. Sample stations were placed at 50 metre intervals.

Samples of the "B" horizon were collected where possible utilizing a heavy grubhoe. Samples were generally collected between 30 to 40 centimeters in depth. All samples were "prepared" by Min-En Laboratories Ltd. at their set up on the Sturdee airstrip, then shipped to their labortory in North Vancouver for analysis. All rock samples were analyzed for gold and silver by fire assay with an AA finish whilst the soils were analyzed by I.C.P. for silver, barium, copper, lead, zinc, molybdenum, arsenic, antimony, vanadium, cadmium and by AA for gold.

The geochemical results are very encouraging. In general, comparing the types of anomalies and densities of the north and south grids it would appear that we are looking at different stages of the epithermal "systems" based on precious metal vs base metal content.

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A total of 279 soils were collected on the south grid. There are 7 gold anomalies outlined on the grid. Most are small isolated occurrences with three being coincident with anomalous copper and barium (one with silver). These three anomalies all occur along the ridge top with very little downslope dispersion. There are four small, isolated, scattered silver anomalies.

An interesting feature of the south grid is the "ring" type pattern of isolated arsenic, barium and copper values surrounding the knoll. This pattern may be a function of; the downslope concentration of elements; grid orientation and limits or may reflect a valid "zoning" pattern of the elements.

A total of 342 samples were collected over the north grid. Anomalous gold values outlined an area of irregular shape roughly 750 x 500 metres. The anomaly is centered on the ridge so some of the area outlined could be attributed to downslope dispersion. Coincident with the gold anomaly is a 500 x 150 metre silver anomaly displaced just to the northeast side of the ridge. Also coincident with the silver and gold is a 300 x 50 metre copper anomaly and two isolated barium anomalies.

There are several isolated anomalies in silver, barium, arsenic and gold elsewhere on the grid. At the northwest end of the grid, gold values again appear to increase.

Arsenic, barium and copper are nowhere near as abundant on the north grid as were outlined on the south grid. On Otto's spur, a coincident copper, arsenic, barium and gold anomaly was outlined.

### 3. CONCLUSIONS and RECOMMENDATIONS

A Phase I program has been completed on the Rhyolite Resources Inc., Argus group property. The program included reconnaissance geological mapping, prospecting and a soil geochemical survey.

Results to date suggest the presence of significant precious metal mineralization of the "epithermal" type. Further exploration is recommended which should endeavour to locate the source of the strong gold and silver soil geochemical anomalies. Experience in the district suggest that trenching is the most effective tool to locate the vein systems. Systematic sampling of the veins and detailed alteration mapping should accompany the trenching program. Prospecting and sampling of the unsurveyed portion of the property should be continued.

If the trenching program is successful in locating significant precious metal mineralization, a diamond drill program should be carried out to explore the vein at depth.

# QUALIFICATIONS

- I. Anthony Floyd, of 3400 West 2nd Avenue, Vancouver, British Columbia hereby certify that:
- I am a 1971 graduate of Nottingham University, England, with a BSc. Honours degree in geology.
- I am a 1972 graduate of Leicester University, England, with a M.Sc degree in Mineral Exploration and Mining Geology.
- I have practised my profession for the past twelve years in Canada, United States and Europe. For the past twelve years I have been a resident in British Columbia.
- 4. I am a Fellow of the Geological Association of Canada.
- 5. The information contained in this report is based on my personal examination of the property and on various government publications and company reports listed in the Bibliography.
- I have not received, nor do I expect to receive, any interest direct or indirect in the properties or securities of Rhyolite Resources Inc.
- Rhyolite Resources Inc.is hereby authorized to use this report in, or in conjunction with any Prospectus or Statement of Material Facts.

Anthony Floyd Consulting Geologist

ANTHONY FLOY

DATED at Vancouver, British Columbia, this 25th day of September, 1985.

# QUALIFICATIONS

I, Diane Howe, of 21394-126th Avenue, Maple Ridge, British Columbia hereby certify:

- I am a graduate of the University of British Columbia (1980) and hold a BSc.
  degree in geology.
- I am presently employed as a project geologist with OreQuest Consultants Ltd. of 404-595 Howe Street, Vancouver, British Columbia.
- I have been employed in my profession by various mining companies for the past six years.
- 4. I am a member of the Canadian Institute of Mining.
- 5. The information contained in this report was obtained from data personally collected during the field program in July of 1985 and from the reports and files listed in the Bibliography.
- Neither OreQuest Consultants Ltd. nor myself have direct or indirect interest in the property described nor in the securities of Rhyolite Resources Inc..
- This report may be used by Rhyolite Resources Inc. for all corporate purposes and including any public financing.

DHAVE

Diane Howe Project Geologist

DATED at Vancouver, British Columbia, this 25th day of September, 1985.

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MIN-EN Laboratories Ltd.

assay results

Specialists in Mineral Environments 705 WEST 15th STREET WORTH VANCOUVER, B.E. CANADA V7M 172

PHONE: (604) 980-5814 DR (604) 988-4524

TELEX: 04-352828

# GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: DREQUEST CONSULTANT PROJECT: RY85 ATTENTION: TONY FLOYD FILE: 51-6 DATE: JULY 23/85. TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 26 samples submitted.

SAME F		êlā -	ALL-FIRE	
LI INDEF		EPM	PPR	
141211111	.80		112	
Ry-85-	-R1	<u>0.4</u>	4	
	R2	0.6	2	
	R3	0.5	2091	
	R4	3.4	47~	
	R5	1.5	65 🗸	
	_R6	1.3~	6	
	R32	1.4~	2	
	R33_	1.2	4	
	R251	0.3	6	
	R252	0.2	105 🗸	
	R253	0.4	15	
	R254	1.2	82 1	
-	R255	0.5	13	
	R256	1.4	50	
	R257	0.4	6	
	R258	0.3	8	
	R259	1.4 -	15	
	R260	<b>0.8</b>	17	
	R261	1.0	3	
	R262	1.6	14	
	R263	1.3	2	
	R264	0.4	1	
	R265	0.2	1	
	R1001	1.4	102	
	R1002	1.8	1	
Ry-85	-R1003	0.3	3	

Certified by

1.1 7 1.4 Specialists in Mineral Environments 705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 DR (604) 988-4524

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: OREQUEST CONSULTANTS PROJECT: RY85 ATTENTION: TONY FLOYD

FILE: 51-9 DATE: JULY 30/85. TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 12 samples submitted.

SAMPLE	AG	AU-FIRE	
NUMBER	PPM	PPB	
R185-R79	0.5	18	
RBO	0.4	214-	
R82	1.8	53~	
R83	1.0	61~	
R84	0.6	43 🗸	
R85	1.2	76-	
R86	0.2	1	
R266	0.2	1	
R267	0.5	1	
R268	0.6	2	
R269	0.6	1	
R)R270	0.9	10	2

Bieman Certified by

TELEX: 04-352828

HE FILE IS 51-6 PROJECT RY 85 ITTN TONY FLOYD/MALCOLM BELLMIN-EN LABORATORIES LTD. POS V 15TH ST. PORTH-COUVER, B.C. PHONE (604) 980-5814 (COMPUTER 980-9621)

ICP DATA TRANSMISSION - FILE:51-65

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	AG	AS	BA	CD	CU	MO	PB	SB	V	ZN	AU-PPB
RY85 D7	2.5	21	186	1.0	351	18	441	16	35.2	371	15
RY85 D8 40M	1.1	1	421	.7	41	11	210	7	40.7	95	5
RY85 D9	.9	13	351	1.3	41	13	114	11	33.6	253	3
RY85 D10	1.1	6	315	.8	35	12	87	14	45.5	130	5
RY85 D11	.8	12	269	.9	26	9	73	11	54.0	88	10
RY85 D12	1.1	13	343	5	50	13	86	17	47.0	100	20-
RY85 D13	1.7	13	581	.1	97	17	80	13	41.6	120	10
RY85 D14 40M	1.9	27	417	.7	155	20	127	20	46 7	744	25-
RY85 D15	1.9	15	1067	1.4	39	19	100	13	27 6	48	5
RY85 D16	1.0	17	608	1.8	44	17	62	16	132 2	155	5
RY85 017	.7	11	282	9	75	10	62	17	57 3	116	5
PY85 D18	1 0	76	215	.,	39	13	47	14	54 5	144	5
PY85 019	1 0	21	387		27	17	44	14	40 4	97	Š
PY85 020	7	2	296		17	7	54	1 <del>4</del>	30.0	28	3
PYA5 021	1	23	374	. '	77	17	109	15	19 9	171	20 -
PY85 022	73	77	444	1 3	84	25	100	15	41.1	115	15
EV85 022	1.5	10	600	1.5	66	11	180	11	31 4	115	15
EVEC 024	1.0	14	744	.,	45	10	100	17	51.4	40	5
R100 024	1.2	10	340	• •	40	10	107	12	51.U 7/ E	40	5
5013	.0	1	402	.0	10	5	01	0	20.3	15	10
		3	402	.3	17		61	.7	35.7	31	10
R105 UZ/	1.1	22	534	. 3	21	11	62	12	44.7	66	5
RT85 UZB	1.7	-:	453	.6	18	11	62	12	33.3	51	5
RY85 029	1.7	31	566	1.0	37	13	113	15	52.8	203	5
RY85 D30	.9	21	238	.9	42	10	117	13	55.3	209	10
RY85 D31	3.1	1	739	.1	6	12	210		6.9	1	^ ځلا
RY85 D501	.9	18	77	.1	45	9	36	14	48.8	48	5
RY85 D502	.6	17	60	.8	28	8	28	10	35.6	54	5
RY85 0503	.4	8	107	.4	32	7	26	9	40.8	48	10
RY85 D504	.9	23	161	.3	70	8	34	11	53.6	90	5
RY85 D505	1.1	4	221	.8	78	12	43	13	85.3	171	~.5_
RY85 D506	.7	30	163	.9	66	6	32	12	24.3	66	5
RY85 D507	.6	26	131	.6	54	7	26	10	28.0	46	5
RY85 D508	1.1	14	199	.7	70	12	34	11	54.3	41	5
RY85 D509	.7	28	172	.1	52	14	38	14	56.6	55	3
RY85 D510	.6	24	1506	.3	36	8	34	11	50.2	56	_5
RY85 D511	.7	13	188	.6	77	9	40	11	69.6	70	10
RY85 D512	1.3	29	86	.5	50	8	40	13	68.4	45	5
RY85 D513	2.6	25	132	.2	127	12	55	13	49.2	92	5
RY85 D514	2.7	26	207	.1	186	32	56	14	52.1	77	30 -
RY85 D515	2.3	24	200	.5	161	20	57	14	54.3	79	_35 -
RY85 0516	2.5	44	456	.1	92	39	123	19	53.1	93	165 -
RY85 0517 40M	1.8	7	304	.2	35	13	44	8	46.8	34	5
RY85 D518	1.6	12	346	.8	29	13	53	9	49.7	36	5
RY85 519 40M	3.2	14	70	1.5	72	11	58	9	52.8	102	5
RYL 20	2.7	17	176	.9	45	10	53	8	48.9	34	10
RY85 0521 40M	2.3	16	141	.8	43	11	39	11	54.7	43	5

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SOUTH

Y85	D522		2.2	34	118	.1	48	11	46	16	55.8	65	3
Y85	0523	40M	3.3	32	768	.1	324	25	79	16	36.8	101	5
¥85	0524		.6	17	179	.4	61	9	34	10	63.7	57	10
Y85	D525	40M	.6	13	160	.9	34	8	33	10	62.2	54	5
Y85	P* .	147-15	1.0	35	127	.8	46	8	38	12	43.0	46	5
Y85	<b>D</b>		.9	17	107	.5	42	10	37	10	70.9	55	15
Y85	D528	40M	1.4	4	94	.7	51	11	26	7	50.6	46	10
1785	D529		1.9	18	139	.5	72	14	46	9	47.4	55	30 -
1185	D530		.6	5	100	.1	49	9	34	9	71.3	47	5
IY85	D531		.8	16	82	.1	18	6	35	10	62.7	37	10
1185	D532		1.4	27	131	.1	27	11	39	13	66.2	54	10
28Y	D533		1.6	14	854	.1	35	27	66	12	53.1	47	65 -
<b>1185</b>	D534		2.3	36	640	.4	103	76	137	18	42.7	162	55 -
1Y85	D535		1.2	40	228	1.2	102	15	69	14	40.0	233	5
RY85	D537	20M	2.2	1	1057	1.5	388	13	26	6	16.8	52	5
28YS	D538	40M	.7	11	119	.5	35	8	36	10	80.9	87	5
RY85	D539	40M	.7	1	379	.5	25	7	36	8	58.6	63	5
2848	D540		1.7	28	365	3.9	535	13	35	10	33.7	169	10
RY85	D541		2.9	28	152	.9	474	8	19	7	9.0	38	5
RY85	D542	20M	.8	24	91	.4	65	15	35	12	48.2	53	-\$
RY85	D543		.5	20	118	.9	32	7	37	10	71.8	64	5
RY85	D545		.8	24	89	.2	46	9	37	13	54.5	87	3
RY85	D546		1.3	36	146	.3	162	11	54	14	84.3	91	5
RY85	D547		1.6	35	597	.5	62	15	73	14	57.3	99	5
RY85	D548		1.2	26	211	.5	50	14	50	13	57.1	59	5
RY85	D549		1.1	24	149	.2	40	12	74	15	72.0	172	10
RY85	D550		.9	25	190	.3	35	13	52	13	55.9	130	25 -
RY85	D551		.9	46	192	.5	39	15	61	17	68.2	105	5
RY85	D552		1.0	10	109	.1	42	11	29	10	64.9	34	10
RY85	n453		.9	24	140	.1	65	10	34	13	45.2	80	5
RYBE	4		.9	20	Z21	.7	88	9	38	12	43.6	116	5
RY85	0555		1.0	20	291	.4	135	13	43	13	57.5	99	5
RY85	0556		.8	22	161	.5	130	9	36	12	56.5	127	10
RIDS	055/		1.0	31	220	.1	102	17	36	15	65.3	44	5
RIDS	0550		1.0	36	232	.5	134	16	40	16	55.7	57	5
RIDO	0557		1.5	30	511	•	261	26	6/	21	80.1	10	40 -
RICO	0360		2.1	21	4/0	.1	473	3/	60	25	55.7	105	55
DVOC	0501		1.0	27	610	.5	172	21	50	10	20.2	107	25 /
DVAL	0502		1.0	18	220	1	172	21	50	17	67.0 50 L	47	23
DYAS	0545		1.5	8	200	.1	97	14	JU 41	12	57.4	47	10
PYRS	0565		1.0	16	189	1 2	99	19	40	10	43 1	228	10
DY85	0547		1.5	1	113		25	11	40 61	8	40.1	38	5
PYAS	0568		.,	11	404	1.8	130	14	61	11	41 3	301	5-
RY85	0549	ADM	.,		230	5	56	13	47	15	83 1	159	5
PYAS	0570	ADM	. ,		1028	1.6	46	14	50	10	49 3	104	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
RY85	0571	ADM		1	537	2.0	73	10	48	9	46.7	141	10
RY85	0572		.7	1	128		74	10	59	11	56.3	147	30 -
RY85	0573		2.2	9	557	.4	30	18	203	14	39.3	98	5
RY85	D574		2.2	28	581	.1	49	18	162	18	56.2	77	10
RYAS	0575		2.5	23	1000	.1	90	19	120	18	48.8	50	20 -
RY85	0576		1.3	17	318	.1	37	14	83	13	52.3	94	15
RY85	0577		1.2	11	301	.3	21	15	127	14	57.4	80	5
RY85	D578	4DN		15	369	.6	29	10	73	11	55.0	103	3
RY85	D579		.7	4	187	.6	30	10	78	12	53.5	87	5.
RYE"	`81		1.2	1	142	.1	36	8	32	10	84.3	52	5
RY8.	382		2.1	10	450	.2	66	20	47	13	48.5	50	60 /
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35	D583	141	.8	17	242	.3	48	12	42	13	58.1	66	15
35	D584	4DM	.6	1	146	.1	33	9	39	9	74.1	43	5
35	D585		1.0	14	200	.7	134	11	45	13	67.1	97	3
35	D586		.5	30	198	1.2	78	10	47	14	64.9	103	5
35	D!		2.1	29	182	.1	75	19	56	15	21.0	41	35 -
85	0580	1	. 1.4	21	236	.1	88	13	55	14	46.8	70	25 -
85	0589		. 4	19	121	.6	40	7	519	15	40.9	49	15
85	0590		1 1	1	532	1	88	19	80	12	56.9	118	20 -
85	0570		1 4	17	BO3		132	34	109	18	57 3	138	10
85	0592		1.7	15	703	1	114	34	90	18	71 5	178	30 -
05	0372		2.0	21	510		150	23	88	17	11.3	159	50
00	DEOL		2.0	21	477	.0	137	10	110	11	57 4	107	5
00	0074		1.5	14	4//	.7	57	10	117 E/	10	55.1	103	5
05	0575			0	360	.0	30	14	54	15	30.2	231	5
85	0576	0.004	.0	1	363	.0	29		45	7	47.1	15	5
85	0577	2011	1.5	1	259	.0	62	11	55	6	14./	46	5
85	0598		1.2	1	522	. 3	82	22	122	13	36.4	99	460 -
85	0599		1.8	1	660	.1	93	37	174	14	31.4	81	225 -
85	0600		1.2	8	468	1.1	113	<b>2</b> 5	90	16	49.9	207	20 -
'85	D601		1.2	3	406	.1	116	25	80	14	50.1	126	135-
'85	D602		2.9	1	431	1.0	85	15	194	8	12.3	43	5
'85	D603		.4	16	207	1.0	60	10	67	12	48.0	203	5
'85	D604		.4	14	196	1.3	138	9	46	13	52.5	192	5
'85	D605		1.8	3	366	.6	995	14	63	14	52.8	123	10
185	D606		.4	1	246	1.0	50	8	52	10	50.7	104	5
(85	D607		.Z	1	99	.8	13	5	39	6	32.5	60	5
185	D608		.9	4	613	1.5	38	12	97	14	37.9	133	5
185	D609		.6	1	275	.2	23	12	72	12	54.5	59	5
185	0610		.8	2	366	.2	29	11	103	11	43.6	56	3
185	D611		.9	4	319	.5	29	10	89	11	47.7	68	3
r85	,		1.2	3	337	.1	49	13	65	14	59.4	79	5
185	in		.9	1	309	.1	40	10	68	10	51.6	99	5
185	D414		1.0	1	239		38	11	62	11	66.6	73	10
YAS	0415		1 1	32	377	5	61	23	90	19	55 5	207	5
YAS	DALL		1.0		473		97	15	B4	14	34.4	151	30 -
VAS	0417		1.0	24	1472	5.7	143	16	44	18	44.9	354	15
VOC	D(10		1.0	11	310	3.2	50	17	11	12	48 4	85	5
VDC	0010		1.0		475	.2	50	17	00	15	SL 7	149	e e
VOC	0017		.0	20	372		01	20	40	13	36.5	127	5
100	0620		.7	20	512	1.5	105	20	140	14	45 /	140	10
105	0621		1.0	10	516	.7	100	21	207	10	43.0	417	10
105	0622		1.4		1775	.0	77	17	20/	12	40.7	175	5
105	0623	1.04	1.3	17	1335	.5	114	15	74	10	20.7	130	5
185	0624	400	•	1	301	.0	42	15	52		40.7	55	10
185	0625		.6	10	447	.9	66	15	68	12	36.0	120	5
Y85	D626		1.2	1	146	.3	30	11	46	15	139.6	101	5
Y85	D627		1.0	3	462	1.0	66	19	8D	10	50.1	115	5
Y85	D628		.7	6	622	.9	52	13	75	11	34.0	70	15
Y85	D629		.6	1	287	.9	35	8	42	10	33.6	85	3
Y85	D630	40M	1.1	3	220	1.0	38	9	41	9	27.9	55	3
Y85	D631		1.1	9	312	.9	72	14	107	12	42.8	149	5
Y85	D632		.9	1	629	1.0	23	11	54	12	32.4	69	5
Y85	D633		.5	1	355	.9	26	12	46	10	32.2	112	10
Y85	0634		.6	1	440	.4	38	13	52	9	28.5	52	115 -
Y85	D635		1.2	15	336	.5	71	18	80	12	46.7	110	10
Y85	D636	40M	.6	5	280	.6	52	12	61	9	58.0	95	5
185	7	0435410	.5	1	333	1.9	39	9	69	10	45.3	163	5
Y85		40M	1.1	1	767	5.8	31	10	84	8	39.6	179	10
YBS	0439	0.000	.9	2	264	.8	57	14	114	11	46.2	170	5
			0.00	· · · · · · · · · · · · · · · · · · ·			10.00						100

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VOE D//G /DM	7	1	735	45	30	7	56	8	29.0	76	5	
100 0640 4000	. /	71	255	17	44	12	94	13	60.6	184	5	
105 U641	.0	40	200	4 0	102	11	4	11	34 0	130	5	
185 0642	1.5	10	404	1.7	105	17	50		70.U 70.L	100 LL	ς	
Y85 D443	1.0	11	266	.7	45	12	55	1	31.0		10	
Y85 .	.7	11	372	.9	32	13	$\overline{n}$	12	43.5	144	10	
YA5 0645	9	13	373	.6	45	13	64	12	44.7	133	5	
1785 D444	8	7⊾	427	.5	49	15	77	14	48.4	168	5	
		10	894	6	28	10	91	12	40.4	100	5	
100 D04/	. /	10	447	1 2	36	8	<u> </u>	12	83.7	110	5	
105 0640	.7	10	04/ 7/5	1.2	21	10	55	q	31 5	75	15	
1Y85 D649	1.3	1	760	· .7	21	20	33 70	7	51.5 E7 N	15	15	
1Y85 D650	1.7	33	392	.2	47	20	6U	24	55.0	70	13	
1Y85 D651	1.5	13	591	.1	25	14	(4	15	48.2	/0	5	
1185 D652 40M	.9	6	498	.6	<b>2</b> 6	9	65	10	45.1	39	5	
₹Y85 D653	.3	1	296	.9	10	6	35	6	25.3	29	10	
PY85 0654	1.2	3	330	.2	10	10	147	10	23.5	15	5	
PY85 0751	1 7	66	366	1.2	133	18	74	18	59.8	160	5	
3V0C D752	1. <u>-</u> L	18	151	3	76	8	43	10	48.1	63	5	
103 U732	.0	10	00	.5	20	ç	19	6	23 7	<u>4</u> 1	5	
KT85 0753	.3	1	11		10	17	57	10	41 3	107	ហ	
RY85 0754	.6	10	126	1.5	42	10	52	10	41.0	ED	10	
RY85 D755	.9	7	153	.6	35	12	51	10	67.0	30	10	
RY85 D756	1.3	8	225	.5	38	10	15	9	53.2	34	5	
RY85 D757	2.3	10	150	1.0	96	11	56	11	45.3	67	15	
RY85 0758	4.0	21	205	.2	154	10	53	12	28.6	32	5	
PY85 0759 40M	1.3	9	505	1.0	17	6	36	8	53.1	112	5	
	1 0	२	69	.8	41	10	36	10	62.6	53	5	
NOU U/OU	1.0	1	19	1	28	7	74	5	62.0	32	5	
K100 U/61 4UM	1.0	4 0	171		54	25	43	17	58 0	52	5	
R185 0762	1.2	7	1/1		44 20	25	40	7	57.9	48	10	
RY85 D763	1.0	13	1/8	.3	57	5	זנ	;	52.7	40	15	
RY85 D764	.8	4	109	.4	43		33	0	JU.U	44 7/	13 E	
RY85 5	.9	11	104	.8	57	8	37	9	62.U	/4 70	5	
RY85 0766	1.1	8	353	.7	111	13	47	10	50.1	/8	5	
RY85 D767	1.2	15	359	.8	110	12	43	11	51.6	80	5	
PY85 0768	1.2	14	315	.8	<b>9</b> 7	13	48	12	49.4	79	10	
DV85 0749	1 2	14	175	1.5	71	13	56	13	64.8	227	10	
חלרת בטוא	0	7	220	6	46	11	48	9	50.3	87	15	
R100 0770	• 1	+2	217	1 0	56	17	59	11	46.B	109	5	
R105 U//1	1.4	12	447	1 7	79	11	49	10	57 2	91	5	
RY85 D772	1.8	7	112	1.2	םכ יר	11	97 OE	10	44 3	171	5	
RY85 D773	1.1	14	537	1.0	/6 	16	75	10	40.J E0 J	70	5	
RY85 D774	1.3	12	100	.9	33	11	71	13	52.3	(1	5	
RY85 D775 40M	5.2	18	457	.9	37	10	130	8	20.4	40	2	
RY85 D776	2.0	31	800	1.4	58	18	130	18	55.6	66	5	
RY85 0777	1.7	24	391	.7	40	14	96	14	47.7	69	10	
PY85 0778	1.6	20	434	1.2	32	15	95	13	54.3	74	5	
9776 2878	9		141	.3	30	10	73	10	49.7	92	5	
	.,	Ę	105	1	17	6	24	4	36.1	60	5	
R100 0700		ŏ	114	9	<u><u></u><u></u><u></u><u></u><u></u></u>	8	49	8	38.9	120	5	
K103 U/01	1.0	0	05	. /	22	Ā	33	- -	45.3	84	5	
R185 D782	. (	0	000	.0	17	17	00	11	67 6	97	5	
RYB5 D783	.9	13	202	1.2	10	12	70	11	42.0	97	5	
RY85 D784	.8	5	271	1.2	ట	12	01	10	40.7	107	5	
<b>RY8</b> 5 D785	1.0	16	235	1.1	72	11	53	10	40./	102	J 5	
RY85 D786	1.5	15	<b>38</b> 8	1.5	132	24	84	15	5/.9	222	5	
RY85 D787	.9	17	281	1.4	77	13	66	10	50.0	118	5	
<b>R</b> Y85 D788	1.3	13	316	.8	35	11	51	8	43.0	74	3	
PY85 0789	5	 A	314	.2	26	8	47	8	37.8	39	10	
BY05 0107	.5 L	11	145	8	33	7	39	8	35.8	41	10	
KIG" '7U DVD 31	.0 .0	12	140	1 7	152	15	44	11	<b>5</b> 5.5	150	5	
KT0	1.7	12	207	1 4	140	14	44	17	51.3	164	5	
KY85 U792	1.1	15	202	1.4	100	1.4		14			-	1

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185 D793		.6	18	106	1.1	18	8	45	10	55.2	64	5
185 D794		1.7	36	<b>53</b> 2	1.8	118	21	90	17	52.6	76	10
r85 D795		1.1	9	<b>9</b> 9	1.6	32	8	53	10	42.3	52	5
185 D794		1.3	1	81	.9	16	8	37	10	<b>9</b> 2.2	47	5
<b>18</b> 5 [		.8	1	99	.4	18	5	36	6	57.0	43	5
185 D798		1.4	19	544	.9	103	16	55	14	70.1	51	10
r85 D799		1.4	25	231	1.0	51	12	52	12	52.5	45	5
<b>185 D8</b> 00		1.5	17	229	.3	52	13	52	12	41.4	60	5
Y85 D8D1		1.9	16	657	1.1	70	28	159	13	39.4	98	10
Y85 D802		4.0	22	<b>8</b> 84	.1.8	55	37	237	12	28.7	65	200 -
Y85 D803		1.5	13	685	1.8	79	37	95	13	39.9	100	15
Y85 D804		3.5	10	604	1.2	84	28	136	11	17.6	50	30 -
Y85 D805		2.0	19	391	3.4	421	21	491	14	48.4	587	10
Y85 0806		2.0	12	<b>6</b> 28	2.0	152	16	91	13	59.5	132	15
Y85 D807		2.1	18	286	1.9	<b>3</b> 93	13	79	13	49.6	150	5
Y85 D808		.9	9	456	1.5	167	11	58	10	41.9	131	5
Y85 D809	40M	1.1	7	190	1.1	75	12	40	7	28.4	67	5
Y85 D810		.9	17	162	1.2	30	11	56	11	59.3	94	10
Y85 D811		1.1	9	215	1.3	31	10	102	10	55.1	51	5
Y85 D812		1.3	15	<b>2</b> 57	1.0	26	10	108	12	55.0	52	ZO
Y85 D813		1.2	1	413	.4	29	13	100	14	42.5	56	10
Y85 D814		.8	14	363	.8	27	11	96	9	33.9	63	5
Y85 D815		⇒1.1	17	823	.5	21	10	82	9	25.6	65	20
Y85 D816		.5	12	156	1.5	10	10	38	7	43.3	144	10
Y85 D817		1.6	9	549	1.3	32	13	97	12	54.4	75	5
Y85 D818		1.7	14	<b>3</b> 37	1.0	47	13	96	12	58.7	118	5
Y85 D819		1.5	25	<b>827</b> F	2.0	51	19	128	11	45.5	104	10
Y85 D620		1.1	12	413	.9	47	10	<b>2</b> 26	9	23.9	34	5
1 <b>Y8</b> 5 D821		1.3	9	567	1.0	25	11	70	10	38.1	70	5
Y85		1.2	11	570	1.2	34	14	100	12	34.0	115	5
Y85 Doz 3		1.5	11	579	1.1	33	14	100	14	49.0	134	5
Y85 D824		.9	72	132	.7	77	20	79	15	19.9	204	5
FY85 D825		1.1	14	408	2.1	49	13	109	12	53.6	207	5
P185 D826		1.5	13	586	.8	28	15	90	14	59.1	116	10
F185 D827		1.7	1	545	.2	18	19	70	19	51.0	61	_10
R185 D828		1.5	20	1030	1.3	26	12	93	13	55.4	110	5
RY85 D829		1.2	10	417	.3	19	12	94	11	27.8	34	5
Y85 D830		1.6	17	707	1.1	36	12	187	11	40.2	47	5
¥85 D831		1.5	31	819	2.0	44	11	444	11	41.8	114	5
RY85 D632		.9	23	347	.5	20	9	111	10	41.5	57	5
RY85 D833		.9	20	325	1.2	18	10	56	11	35.9	57	15
2185 D834		.8	29	<b>5</b> 27 🖘	1.4	67	12	275	12	34.4	243	5
RY85 0835		1.3	24	438	.7	40	10	144	11	44.3	113	5
RY85 D836		3.5	17	759	.6	23	15	216	14	41.0	55	15
R185 0837	40M	1.6	13	648	1.0	24	10	49	10	25.2	64	10
Pres 0638		2.0	1	<b>60</b> 3	1.1	60	23	421	17	53.6	141	15
2185 0839		1.8	17	666	2.0	37	19	155	16	43.5	149	10
2185 D840		1.7	25	416	4.7	101	12	132	11	45.0	374	60 ~
RY85 D841		1.4	20	<b>38</b> 3	.8	18	9	42	12	78.4	126	10
RY85 D842		1.2	13	501	1.3	28	12	84	10	37.0	115	ي ا
RY85 D843		1.3	14	527	1.6	59	11	<b>9</b> 2	13	97.9	146	5
RY85 D844		2.1	2	561	.7	20	16	53	14	<b>29</b> .9	51	5
RY85 D845		2.4	1	401	.1	18	24	152	20	44.7	50	5
RY85 D846		1.1	16	774	1.3	26	12	78	13	40.3	<b>68</b>	5
RY85 47		1.5	11	1185	1.2	29	12	113	11	51.9	42	_10_
RY85		.6	18	384	1.2	27	10	73	8	34.4	86	5
RY85 D849	I.	.8	23	425	1.8	33	11	102	10	52.5	159	10

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Y85 0850 40M	.8	16	320	.8	33	14	68	11	45.6	123	5
Y85 D851	1.5	19	389	1.3	50	16	81	11	39.1	108	5
Y85 D852	1.9	19	522	1.4	74	15	107	9	19.9	75	5
Y85 D853	.6	18	261	.7	47	13	86	9	58.6	130	15
Y85 _ ·	1.7	22	297	.9	32	12	88	12	43.0	98	5

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PRUJECI NU, RIDJ			703 WE31	22041000 8	1996332 1119 1641 06 11	ANDAR AR	-0- 1/1). -54	. TVDC C			LL NO. 01 10/11 (ATE:10) V 74 41
ATTENTION: TONY FL	OYD			(604) 980-2	0814 UK 16	041488-43	24	+ 11PE 5	UIL GEUCH		HIELJULT SI, I
(VALUES IN PPN )	A6	AS	BA	<u> </u>	<u> </u>	<b>N</b> U	PB	SE		<u> </u>	AU-PPB
RY85 D34	.8	2	156	.8	61	. 9	86	11	58.4	104	125
RY85 D35	.6	6	112	.4	18	7	33	8	36.0	82	5
RY85 D36	.5	17	140	.8	16	6	34	8	34.4	55	5
RY85 D37	1.0	16	245	.8	20	9	33	12	58.5	76	5
RY85 038	1.2	20	232	.6	31	13	39	13	57.0	63	30
DVOF NTO	1 2	17	194	k	30	15	38	13	66.0	91	5
RIBJ DJ7 DVDE DAG AGM	1.2	12	115		27	0	24	2	A1 0	7	5
	.0	12	222	.0	£/ 50	10	<u>2</u> 7 51	14	50 5	10	5
R183 041	2.9	20	111	1.0	30	11	10	17	10.10 10.10	101	5
RY85 D42	1.8	16	320	1.5	81	12	00	13	62.3	123	J
RY85 D43	1.9	13	495	1.2	127	22	67	17	52.2	171	10
RY85 D44	2.2	1	431	1.0	<b>8</b> 2	19	67	21	64.9	247	5
RY85 D45 40M	3.0	21	288	3.7	172	14	57	15	41.5	419	10
RY85 D46	1.8	9	<b>53</b> 3	1.5	41	17	71	16	41.2	111	60
RY85 047	1.7	1	755	1.1	54	16	48	16	28.1	129	90
	27	Ā	474	1.7	62	13	66	16	20.5	172	120
		10	144		50	10	79		1 07	307	105
R183 997	1.0	10	100	4 7	01	10	70	10	40 7	704	105
KARD DOO	2.0	5	266	1./	67	10	0) 1	10	TO./	270	10
RY85 D51	3.0	1	305	2.0	19	11	46	1/	82.8	219	3
RY85 D52 40N	3.2	1	609	.5	18	16	81	22	64.5	103	60
RY85 D53	5.8	20	462	2.4	44	10	50	13	49.4	120	5
RY85 D54	.8	22	107	1.5	13	7	42	10	64.0	104	5
RY85 055 40M	2.2	11	441	1.2	84	17	54	12	28.2	131	10
PV95 054	3.5	12	454	1.7	120	26	93	17	35.0	168	20
RIGJ DJC DVDE DE7		50	015	1 4	110	74	89	17	35 0	184	70
K183 U3/	3.3	27	(00	1.0	110	27 91	00	10	70 7	201	720
KARP NDR	4.0		078	4.1	170	20	77			200	JIN
RY85 D59	-> 7.4	9	1008	2.4	19	17	94	20	5/.0	274	260
RY85 D60	2.7	15	401	3.0	81	14	94	17	50.0	394	5
RY85 D61	4.0	17	<b>9</b> 52	2.5	90	16	84	20	38.5	310	130
RY85 D62	2.5	23	651	2.0	71	19	74	20	50.5	194	30
RV85 D43	2.5	23	399	1.8	58	13	65	19	70.3	182	5
- PV85 D44	1 6		388	1.5	55	12	56	14	39.7	168	50
BV05 N/5	1.5	5	240	1 2	49	11	54	17	48.4	145	45
	1 5	J J	200	3 A	50	14	70	10	40 0	140	<u>60</u>
KIRJ NOP	1.3	0	200	2.0	30	17	77	10	40.7	107	50
RY85 D67 40M	.3	5	15/	1.0	28	/	30		<b>44.</b> /	3/	E A
RY85 D68	.3	6	139	.5	18		28	6	50.0	44	20
RY85 D69 40H	.8	10	122	.6	18	6	27	9	65.1	63	ົ້ວ
RY85 D70	1.0	7	165	.3	33	9	32	12	64.6	66	5
RY85 D71	1.2	8	319	1.3	44	10	50	12	57.0	138	10
PY95 077 40H	.8	5	143	1.0	27	9	38	12	62.5	78	5
DV05 D71 100	1.2	Š	202	8	52	11	45	12	56.0	110	5
RIGJ 973	<u>-</u>		100		St	12	57	14	54 7	109	
KTU2 9/4	1.3	17	177	1.2	Jí TE	12	ຍນ ຮກ	47	14 0	107	3V 7LA
KARD D12	1.2	10	251	1.3	33	10	J0 = 7	1/	UV.7	101	20V E
RY85 D76	1.3	7	336	2.0	19	27	33	16	43.3	121	J
RY85 D77	2.2	1	472	4.0	96	19	66	18	28.5	255	82
RY85 D78	1.7	9	364	2.2	47	15	54	15	44.0	116_	20
RY85 D150	2.0	7	508	5.5	61	10	60	11	35.7	369	5
RYR5 0151	.8	6	137	.5	30	8	48	8	48.5	95	5
DVG5 D150	1 2	- 2	984	1.3	32	10	72	10	65.0	122	5
NICJ VIJL DVDE DIEZ JAH	1.4 1. 7	7	217	1 4	70	11	12	12	45 A	120	5
RTED 1100 400	1.4	2	101	1.0	JZ EA	**	01 (7/	1. 1.E	57 7	175	10
RY85 D154	1.6	<u>y</u>	451	1.6			135	13	J/ 1	1/3	iv E
RY85 D155	2.7	5	938	1.5	76	35	126	18	6V.4	83	C AA
RY85 D156	2.9	1	536	1.7	63	29	106	31	56.4	89	10
RY85 D157	2.2	1	559	1.0	37	17	97	14	77.3	130	5
RY85 D158 40M	1.7	1	557	.8	29	21	109	14	51.7	<del>9</del> 8	10
PV95 DISG ANK	1.0	Å	291	5	34	13	87	11	77.4	118	5
5005 5117 TVF	<u>i</u> 7	 15	200	<u>-</u>	31	12	97	10	46.5	97	20
	1.2	13	8.1V 8.17		70	71	160	15	57 4	207	100
KAR2 D191	1.0	1	212	1.3	10	23 4.8	100	17	55.7 E1 E	671	4VV K
RY85 D162	1.5	9	<b>52</b> 7	2.0	60	14	134	14	31.3	121	J
RY85 D163	2.0	11	499	1.5	204	15	80	16	63.7	99	2
DVOF NILA	5.0	5	507	۲.A	1 C N	17	71	10	<b>C</b> 7 <b>7</b>	410	5

P	ROJEC	T NO:	RYES			/V3 #E51	1318 51	RUKIN YAN	LUUVER, I	D.L. ¥/N 1 694	12 • TYDE E		FILE DAT	NU. 31-74/534
5	TTENT	ION:	TON' F	LOYD			16041980-3	BIA UK 16	NO NO	00	CD CD	UIL OCULAL	74 4	U.DDD
8 <del>4</del>	(VALU	ES IN	PPH )	A6	AS	NA No.			<b>NU</b>					25
	RY85	D165		2.0	1	481	1.3	221	17	/1	20	66.5	75	23
	RY85	D166	401	.4	1	274	1.1	48	. 11	24	14	49.9	48	3
	RY85	D167		.5	17	183	1.7	59	10	53	16	58.4	244	3
	9185	D168		2.0	3	393	1.0	82	15	97	20	80.3	95	15
	XY85	D169		1.6	4	443	.8	76	15	95	19	75.5	107	5
-	RY85	D170		1.7	1	391	1.5	199	16	70	19	74.4	84	10
	RY85	0171		1.8	3	533	.8	115	16	97	20	89.9	113	70
	RYRS	0172		.8	1	250	.4	50	11	51	12	61.7	46	5
	DYR5	0173		5	î	440	1.1	68	11	53	14	48.0	58	5
	DVOS	0174		1.0	1	302		71	13	53	12	63.4	48	5
-	RIDO	0175				417	1 5	114	27	73	71	34 2	75	25
	RIBO	01/3		1.1	÷	405	3.3	70	14	#2	20	1 7	270	5
	K182	01/6		2.9	1	63	1.1	10	15	10	10	44 0	70	10
	R185	01//	408	1.0	8	1336	.9	10	13	4V 4E		40.0	30	5
	RY85	D178		.8	15	269	.6	2/	15	40	13	47.0	<b>11</b>	5
	RY85	D179			1	475	.8	43	20	62	13	51.1	21	
	RY85	D190		2.0	19	338	.6	92	16	55	19	73.8	81	2
	RY85	D181	401	1.0	9	209	.5	35	13	63	11	76.0	46	10
	RY85	D182		1.2	5	140	.5	48	15	59	16	52.0	67	· 5
	RYR5	0183		.8	7	323	1.3	65	18	59	15	76.3	66	5
	PY85	0184		.8	20	142	.5	43	12	41	11	49.4	37	5
	PY05	D195			3	119	.5	28	8	30	7	54.0	25	5
	RIDJ	DIDJ			ĩ	114	5	40	12	43	14	104.4	54	10
	RICJ	0160		1.2	1	147	.5	50	12	51	14	64 1	40	5
	K183	018/			1	19/		30	11	51	10	74 4	40	40
	R182	0188		. 5	6	109	.2	/1	11	30	10	74.0	-0	50
-	RY85	D189		1.0	10	152		<u></u>	13	81	13	BU.1		30
	RY85	D190		1.2	8	406	1.2	47	15	112	15	/2.5	115	10
	RY85	D401		.5	16	288	.8	29	11	42	14	62.2	39	2
	RY85	D402		.8	14	284	.8	25	12	41	14	69.0	57	5
	RY85	<b>B403</b>		.8	14	307	.6	30	14	42	15	65.5	58	5
	RY85	D404		1.1	10	159	.8	20	8	32	10	57.9	41	5
-	RYRS	0405		.6	14	240	1.1	40	12	39	13	55.9	78	5
	RVR5	D404			9	156	.8	22	10	32	9	43.5	46	5
	DVOS	0400			10	745	1.2	30	11	34	11	52.0	67	5
	RIGJ	0407		, 0	0	340	1.0	70	12	7.0	12	45.0	45	5
	RIRD	8408				200	1.0	20		70	10	41 5	57	Š.
- 3	RY85	0409			16	220								 g
	RY85	D410		1.1	12	580	1.3	53	10	60	14	34.4	70	5
	RY85	D411		.2	10	170	1.2	28	6	40	7	46.0	15	3
	RY85	0412		.3	8	146	.8	24	1	48	11	55.9	94	2
	RY85	D413		.2	17	88	.6	20	6	28	8	36.9	43	5
	RY85	D414		1.7	1	244	1.1	60	14	50	13	74.5	99	10
	RY85	0415		1.1	6	28?	2.7	61	14	100	13	54.7	222	15
	RYRT	0416		1.6	3	280	3.0	62	16	90	16	75.6	271	3
	RYAS	0417		1.7	7	358	1.2	53	12	71	15	82.4	124	5 '
	RVRS	0418		1.7	15	324	1.8	52	10	84	13	72.6	132	5
	DVOF	BA10	AON	8	10	234	1.1	30	7	60	7	38.0	53	5
2	BYOF	0417				700		54	<u>-</u>	80	10	54 0	81	5
	RTBO	0420		1.2	7	170	2.4	00		271	14	R4 1	TAR	5
	RY85	0421	•	3.7	20	425	2.9	10		40/	10	17 7	540	10
	RYBS	D422		5.9	16	332	5.9	82	4	420	13	63.7	302	10
	RY85	D423		2.2	1	351	.6	84	12	52	16	125.9	104	3
	RY85	D424		.5	14	218	.8	19	6	32	7	35.5	49	
	RY85	D425		1.0	16	124	1.2	22	7	33	9	39.0	48	5
	RY85	D426		.8	8	301	1.1	39	15	49	14	66.3	79	5
	RY85	D427		.6	7	281	1.6	37	11	40	12	58.5	74	3
	RYRS	D478		.8	13	226	1.2	33	11	38	13	52.4	59	5
	RYOS	0429		R	18	255	.8	35	11	39	13	59.2	75	10
i marin	DVOC	6436		1 0	14	407		25	6	33	11	53.7	55	5
	DVCE	D474		1.0	17	474		28	11	44	14	65.8	64	5
	R163	10401		1.1	15	100	1 7	20		74	11	57.7	50	5
	KY85	0432		1.0	14	324	1,2	20	0	70	17	A7 A	54	5
	RY85	D433		.8	21	259	.0	20	7	37	13	14.5	0.4	
	RVOF	7171		1 0	• *	200	1 7	- 1	4.4	20	12	A	w E	

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	PROJECT NO: P	185		IND WEDI	1314 21.	NUMIN VE	INLUUVER	8.L. Y/n	112		71	LC MU: 31-7	5/13+8	1
1	ATTENTION: TO	N: FLOID			16041980-	5814 DR (	6(4) 988-4	524	+ TYPE S	011 GEOCH	EH + DA	TE: AUGUST 1	1 1985	
	IVALUES IN PI	PK) AG	AS	BA	CD	CU	NO	PB	SB	٧	2N	AU-PPB		
	RY85 D435	.6	10	278	.8	23	7	29	9	41.7	50	35		
	R185 0430	.8	8	267	1.3	37	9	51	11	54.0	79	45		
	RY85 D437	1.0	11	249	1.3	49	10	57	13	57.5	79	5		
	R185 0438	.4	11	178	.8	28	7	31	ç	46.4	52	100		
-	- RY85 D439	1.2	6	264	1.1	42	11	57	13	62.4	92	20	100-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	
	RY85 0440	1.2	7	356	1.5	77	11	60	12	65.3	127	5		
	RY85 D441	1.7	8	1012	2.7	129	11	62	15	43.2	155	5		
	R185 0442	1.6	1	288	1.2	61	10	56	13	69.1	118	5		
	R185 0443	1.2	6	254	1.2	60	9	48	11	62.5	101	5		
	R185 0444	. 0	5	268	1.0	38	10	50	11	53.2	105	5		
	R185 0445	1.2	1	325	1.7	118	12	64	12	53.9	171	90	*****	
	R185 0446	. 6	3	138	.4	22	9	37	1ů	38.0	55	5		
	RY85 0447	1.5	1	360	1.5	94	11	52	12	61.7	185	5		
	R185 D448	• 1.2	6	290	1.5	65	11	64	11	42.2	151	5		
	RV85 0449	1.7	ĩ	336		58	11	43	11	64.1	119	5		
	RYRS DASO	2.5	7	236	1.5	45	15	53	14	56.4	55	10		
	R185 0451	2.0	8	294	1.2	56	18	61	15	55.7	67	5		
	RV85 0452	2.0	τ	289	1 2	66	18	59	12	17 5	102	5		
	RY85 0451		15	189		35	8	33	8	37 5	50	ž		
	BYDS GASA	1.0	11	01		23		67	14	96.0	20	5		
	PV05 0455	1.9			1 3	10	15	123	10	17 0	140			
	RV85 8454		1	82	1.1	30	11	74	13	49.0	101	5		
	PV05 0457	1.5		510	2.7	70	17	318	16	19.0	174	15		
	RIDS DASP	1.3	14	143	1.5	40	14	109	17	45 0	159	55		
	PV05 0450	1.7	10	782	2.2	81	21	194	18	54 2	149	15		
	BV05 0410 40			147		20		80		77 9			***** -	-
	BYOS DALL	/n ,0	11	740	1.2	10	14	73		74.0	47	5		5
	BYDS 64.2 40		13	272	.0	25	13	61	11	88.0	53	20		
	BYOS DALT	/n .o	24	TLE		70	24	45	10	44 5	171	20		
	RIBD D400	.0	29	303	1.1	17	17	40	10	40.5	131	5		
-	R183 0464	••••	10	137				00 EE			D/			
	F183 0463	.8	:	10.	1.5	34		33	10	90.0	34	3		
	KIRD 1400 41	M .5	1	233		54	11	140	4	53./	37	30		
	RY85 046/	1.0	3	306	1.0	28	15	20	14	5/.0	68	10		
	R185 0468	.8	0	337	1.1	78	18	34		39.5	96	3		
	R185 D469			250	1.0	/6	13	28		64.3	13/			
	RY85 0470			508	1.6	63	16	43	15	39.3	36	5		
	KIR2 04/1	2.0	1	/82	1.5	148	21	20	20	69.0	86	10		
	KY85 0472	.8	1/	126	2.0	54	4	24	15	42.2	13/	2		
	RY85 0473	1.0	8	425	1.6	65	11	48	13	54.2	13)	5		
	R185 D474		18	337	.8	110	12	5/			134	10		
	RY85 0475	.6	12	191	1.0	47	12	22	13	54.7	15	5		
	RY85 0476	.8	3	120	.5	23	2	35	6	61.4	38	5		
	RYB5 047: 40	.3	2	205	.3	31	9	40	8	49.5	41	10		
	RY85 D478	.8	8	199	.8	37	13	46	12	54.7	37	5		
	R185 0479	1.1		148	.6	39	8	39		38.2	42	5		
	RY85 D480	.6	9	169	.8	44	13	55	12	62.9	43	30		
	RY85 D481	.4	11	156	1.2	64	12	47	11	46.5	86	5		
	RY85 D482 40	DH .4	2	149	1.0	32	10	42	9	40.0	44	5		
	R185 D483	1.2	1	64?	1.3	56	15	59	14	44.4	62	50		
	R185 D484	.8	6	194	.8	46	13	49	9	52.2	39	5		
	RY85 D485 4	0 <b>M</b> ,6	1	105	.6	40	11	39	10	75.0	54	5		
	RYES D48c	.8	6	97	.5	30	13	49	11	77.1	45	5		
	RY85 D487	.8	6	113	1.6	42	13	56	14	74.4	64	5		
	R185 D488	. 6	10	113	1.2	60	11	62	12	50.0	104	16		
	R165 D48-	1.1	3	376		21	6	32	5	30.2	29	5		
-	R185 D49	2.2	21	323	.0	9û	8	48	9	41.5	122	5		
	R185 04-1	. 6	18	121	1.0	64	12	50	11	46.	102	5		
	R185 0472 4	08 1.2	12	1020	1.8	93	16	71	11	30.7	139	5		
	R185 14-3	1.6	44	222	10.3	370	26	70	16	39.5	986	5		
			1.4	6. 18	1.1		1.2	C		c		¢		

	PROJECT NO: RY85			705 WEST	151H SI.,	NURTH VA	NCOUVER,	8.L. V/M 1	12		FIL	E NU: 51-9	5/1/+8
•	ATTENTION: TON: FLO	10			(604)980-5	814 OR (	604)988-4	524	TYPE SO	IL GEOCHER	t <b>t</b> Dat	E: AUGUST 1	, 1985
	(VALUES IN PPN )	<del>4</del> 6	AS	BA	CD	CU	MO	PB	SB	<u>v</u>	ZN	AU-PFB	
	R1850581 40H	1.5	5	385	.6	76	10	40	9	26.7	114	10	
	RYB5D679	.6	7	502	2.2	42	8	46	11	63.4	161	5	
	RY850680 40H	.5	4	409	1.8	35	7	37	10	75.0	94	5	
	97850681	.8	8	244	.8	29	9	43	12	96.0	111	5	
	20051100		8	185	.8	30	8	44	11	70.1	101	15	
	DV050107		 5	170	1 0	 ₹1		<u>_</u>	12	64.9	108	5	
	RIBODDU RWOCD(DA	••	ر د	177	1.12	24	2	40	14	76 3	01	5	
	K1820684	.0	•	132	1.2	27	7	<b>₹</b> 0	10	19.5 El A	01	10	
	R1850685	.5	5	170	.8	11		39	7	J0.V	67	10	
	R185068a	.5	4	156	.8	23	Y	48	11	63.7	108	12	
	RY85D687	.8	13	147			12	57		85.8	105		
	R1850688	.4	6	123	.6	28	9	43	11	60.7	61	10	
	RY850689	1.0	8	100	1.7	58	11	160	15	48.0	271	5	
	RY850690	.4	8	123	1.3	139	10	108	14	32.7	281	25	
	87850691	2.2	1	415	1.2	72	10	48	12	23.2	145	15	
	D. 050497	2 7	i	560	2.2	78	11	60	12	19.6	184	100	
	BV050107	<u></u>	 	120	1 8	78		59	13	25.7	774	135	
	N103V073	1.7	15	700	5 4	105	14	רד	20	10 -	459	90	
	KIRDDPA4	4.0	15	370	J.4 4 E	10J	14	11 56	10	10.0	400	19	
	R1850695 40H	3.2	15	4/1	1.5	67	10	22	12	2217	147	30	•
	RY850696	3.7	1	410	1.0	6/	12	22	12	27.1	112	3	
	RY850697	3.4	2	497	1.2		12	50	14	40.7	159	15	
	RY85D698	6.0	6	699	2.2	147	15	72	17	35.5	234	65	
	R1850679	2.4	6	205	2.0	39	17	<b>5</b> 2	16	28.1	209	120	
	RY850700	4.4	4	296	1.1	76	11	68	11	39.7	115	45	
	RY85D701	1.3	19	196	1.8	136	11	104	17	37.5	174	5ú	
	RY850702	.8	20	210	1.5	97	10	80	15	40.0	179	10	
	RV850703	1 2	15	341	1.1	55	15	56	16	56.7	81	5	
	DV255768	5	27	233		33	10	45	12	57.2	90	5	
	NYOLVIVI DVDELIJAS	, J 0	11	407	10	58	14	50	16	59 2	00	16	
	NTB3D703	•0	11	472	3.0	51	17	57	10	50.1	01	5	
	R1800708	•0	20	118	1.0	31	12	37	13	30.J 7/ A	100	J E	
~	RYB50707		16	289		2/		43	<u>b</u>	30.0	100		
	RYB5 D708	1.1	5	211	.8	30	9	49	12	58.2	324	2	
	RY85 D709	1.1	7	182	.6	50	14	53	15	66.0	9Z	10	
	RY85 D710	1.0	4	234	1.3	58	14	58	15	<b>68.</b> 0	98	5	
	R/85 D711 -	1.2	3	176	.6	79	13	57	16	83.8	97	5	
	RY85 0712 -	1.2	5	247	1.2	52	13	50	13	48.4	64	- 5	
	Br85 D713	2.0	8	300	1.3	69	16	69	16	65.8	109	30	
	RV85 0714	1.0	-	236	1.2	62	13	69	13	66.1	93	5	
	DUOS 0715 40M	<b>1</b> 2	, 2	104	5 <b>5</b>	105	16	57	13	21.1	78	60	
	NIDU U/10 909 NUDE D714	3,2	2	201	17	103	10	70	16	27 6	05	145	
	K185 D/16	3.3	2	271	1./	72	17	10	10	4/+9 0/-0	105	170	
	RYB5 1/1/	5.4						00		20,2		123	<b>-</b> -
	RY85 D718	4,1	2	272	1.5	96	19	155	15	26.8	/6	122	
	RY85 0719	1.3	1	470	1.5	44	18	<b>5</b> 7	17	29.t	78	85	
	RY85 D720	2.0	3	517	2.0	7ú	23	81	24	35.9	121	180	
	RY85 0721	1.7	5	349	1.3	70	19	54	18	81.4	182	10	
	RY85 5722	.8	5	266	1.8	59	23	61	15	45.7	121	45	
	RY85 0723	.8	6	207	1.5	5ú	14	91	15	57.5	109	15	
	RY85 5774	1.0	6	324	1.6	73	16	91	16	55.2	232	5	
	DVQ5 NJ75	1 7	8	562	1 2	85	23	79	21	81.1	134	20	
	8100 DILO 8100 DILO	110	2	202	1 0	70	17	59	15	67 S	126	5	
	KIDU 1720	.0	0 7	223	1.2	11	10	JO	10	57 1	01	25	
	<u></u>			200				43	12	33.2	00		
	RYB5 0728	- 6	5	225	1.2	42	11	40	17	<b>4/.4</b>	82	IV 100	
	RY85 D729	1.0	5	170	1.1	39	11	45	12	46.7	88	120	
	RYB5 D730	1.2	2	285	.8	32	11	45	13	65.9	91	35	
	RY85 1031	. 6	2	203	.8	22	9	36	11	<b>58.</b> 7	85	10	
	RY85 D732	.2	4	126	.8	21	8	35	10	43.2	48	20	
_	- R185 D733	.1	8	123	.8	24	ÿ	39	12	40.5	60	5	
	RY85 0734	.3	5	162	1.0	25	8	42	11	62.7	55	10	
	RY85 D735	.5	4	174	.6	27	9	44	11	57.2	50	5	
	RY85 0736	. 4	17	160	.4	28	10	48	13	52.7	69	5	
	нина н. со р. рр. т.т.т.	-	••	17			c.	75	16	<b>E</b> ( 17	<b>E</b> , 1	t	

	PRUJELI MU: M	1100		703 WEST	1318 31.	FOLL OD	ALUUVER,	D.C. Y/R	112 • TYDE (		F 11	E MU: 31-	75/19+10
G	ATTENTION: IL	AT FLUTD			10041980	-3814 UK (	6041788-4	024	• HIPE E	BUIL BEUL	127 1 1	AU DOD	21, 1492
	IVALUES IN P	(PR ) R6	H5	BH				PB	58		/N	AU-PPB	
	R1820/38	••		169		14	6	24	6	21.1	57	10	
	RY850739	1.1	1	370	1.2	57	17	68	14	67.0	124	25	
	RY85D740	2.0	1	220	1.0	113	18	64	16	48.5	61	30	
	RY85D741	1.1	3	288	1.0	52	16	103	14	66.5	165	5	
-	RY850742	1.1	4	354	1.2	67	16	95	14	75.8	146	10	
	RYESD743	1.3	1	503	1.2	68	16	64	15	76.1	97	5	
	RY850744	N/S											
	RY850745	1.8	1	379	.4	69	18	38	17	104.5	53	30	£1
	RY850746	1.8	1	608	. 6	63	21	48	16	79.0	55	5	
	RV950747	2 5	÷.	1414	Ĩ	80	30	49	17	97.9	59	5	
	DV050740	2.0		1017		\$7		42	17	120 0	50	×	
	DV050740	1.0	2	240		24	10	17	17	120.7	50	୍ମ ଅ	
	R10JU/17	1.3	1	297	1.1	27	10	70	15	0/.9 E/ E			
	K1830/30	.2	8	220	1.0	22	· Y	38	11	36.3		2	
	RY850855	• 1.2	9	452	3.5	26	7	48	10	56.7	103	10	
	RY850856	1.1	6	351	2.2	29	<u> </u>	55	13	56.9	171	5	
	RY850857	4.0	42	181	.1	4	4	37	11	18.5	59	5	
	RY85D858	2.5	7	157	2.7	138	10	78	12	33.2	470	25	
	RY850859	2.7	23	736	1.5	44	10	62	14	54.4	170	5	
	RY850860	6.4	1	287	1.2	22	14	91	23	85.9	156	10	
	RY850861	1.2	2	218	.6	16	7	42	11	66.1	109	5	
	RY850862	1.0	10	141	1.3	11	7	40	11	67.9	124	5	
	RV85DR43	1.0	10	750	1.4	12	9		11	74 5	157	ŝ	
	DVDED0/A	1.0	10	117	1.0	25	0	47	12	74.5	124	5	
	RIGJUGG4			117	1.2	23	2	<b>71</b>	12	70.0	120	5	
	RTBJUB6J		14	151	1.0	25	4	32		71.9	128	3	
	KAR20899	1.3	¥	249	1.2	121		36	11	/8.3	13/		
	RY850867	1.7	6	419	1.5	71	16	65	15	43.4	120	5	
	RY850868	2.2	9	614	.8	60	16	66	12	36.2	84	5	
	RY850869	2.7	13	403	.8	91	12	75	13	35.0	168	5	
	RY850870	2.5	8	312	1.2	64	12	73	13	39.2	127	3	
	RY850871	1.7	8	313	1.2	50	10	86	12	48.2	118	5	
-	RY850872	1.1	7	249	1.5	48	ß	94	10	32.4	131	15	
	RV850873	2.5	11	319	1.2	55	9	100	11	39.5	118	60	
	RY850874	1.6		392	1.2	51	10	81	12	53.9	133	35	
	DV051075	1.0		307	1 1	44		97	11	50 7	104	20	
	R1032073	1.2	5	J7;	1.1	70		411	14	15 4	141	10	
	RTBODE/6	1./		900				711		63.9	101		
	K18508//	1.2	15	3/2	1.5	18	19	77	15	31.3	101	3	
	RY8508/8	1.3	1	200	1.3	13		44	11	13.5	126	2	
	RY850879	.5	10	369	2.2	107	11	50	14	66.5	181	15	
	RY850880	.5	14	<b>29</b> 7	2.4	<b>9</b> B	9	43	11	59.4	147	5	
	RY85D881	.8	7	517	2.7	26	8	54	12	65.0	155	10	
	RY850882	1.3	2	309	1.8	30	12	62	13	69.9	182	35	
	RY850883	.6	3	233	1.1	20	8	73	13	66.4	132	5	
	RY850884	.5	13	487	2.5	17	6	53	9	59.2	123	5	
	RY850885	.8	1	268	2.2	26	9	77	13	69.8	202	25	
	RY850886	1.0	12	414	2.2	30	10	102	13	52.9	166	480	
	BY850887	1 7	10	240	1 7	79 6	- R	44	11	44.2	150	205	
	RTOJDOO	1.2	10	104	2.0	45	0	55		37 7	100	70	
	RIGUDOO	1.2	13	107	2.0	20	,	40	10	37.7	107	/V	
	KTBDDB84	1.1	14	242	2.0	28	6	07	10	77.0	120		
	KA820840	2.4	8	266	1.7	96	10	148	15	37.9	243	130	
	RY850891	2.4	3	673	,8	74	13	51	12	35.2	66	40	
	RY850892	3.0	1	805	1.1	101	17	64	13	21.3	62	10	
	RY850893	1.7	6	681	1.0	85	15	57	15	29.5	59	5	
	RY850894	3.2	8	664	1.2	147	17	70	18	31.3	145	80	
	RY850895	3.0	1	633	1.3	138	16	66	15	21.8	89	90	
	RY850896	2.5	5	729	1.1	107	18	67	14	21.3	70	55	
	BY850897	1.5	1	784	1.7	125	18	77	15	25.0	90	65	
~	RYRSDAGR	τ ο	.,	575	1.5	109	14	70	13	19.7	148	60	
	PYOS NODO	1.7	11	375	1 4	54	11	50	14	10 0	209	30	1. in
	DVOSDOAA	1.1	010	200	1.0	75		44	.7	A0 4	13	50	
	R1039700	1.2	0	202	.0	33	0	77		F0 5	700	80	
	HANCE I		14	11 - L			M.	0.02		1	. (19		

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	TTENTION	TONY FLOWS				16041000	5814 00	6041000_A	574	. TYDE		-	DATE . IN V	T1 100E
R	UALINC T	DONT PLUTE	AC	AC	RA	10011780-	CHI 100	MA	527 DD	CD CD	U U	7N	ALLODE	21. 1482
-	RYRSDON2	<u>, (n)</u>	7	N3 14	187		147	10	A1	12	A7 0		5	
	RV850903	NORTH	.7	10	119	.5	34	A	32	9	43 7	27	15	
	RVR5D0A4	Martil		12	145	8	15	o	75	12	67 1	70		
2. ()	RVRSDOAS		1.5		301	37	95	15	10	13	299.3	240	45	
- 1	DVDSROAL		1.0	, e	301	1.5	55	12	49	14	70 4	144	5	
-	0V050007		1.0	<sup>0</sup>	207		70		70		51 2	104	10	
	DVOEDDAD				257	1.1	70	11	42	11	50.1	120	5	
	NTOJUTVO NVDENOAD		1.1	7	233	1.1	40	12	47	11	50 3	170	5	
1	NIBJUTVT		.0	27	172	-1	07	12	43	17	54.7	100	25	
1	V050011		.0	20	132		7/	10	47 50	13	JG./	141	10	
-	NTB32411		1.5		171	1.0		13	37		50.5		10	
- 7	KTBDV712		1.0	15	209		100	10	31	10	JS. 2	11/	3	
	NIBJUTIJ		2.3		530	17	155		30 D.1	17	22.3	100	70	4.10
1	1630719		7.0	2	201	1.7	133	23	110	10	22.3	121	/0	
1	R1830713		3.7	10	500	1.0	119	23	110	13	22.2	107	0J (70	
-	KIBODA10		3.1		770		108		70		20.7	103	150	
1	KT830417		3.0	1	334		92	10	/8	10	31.2	109	120	
1	NOEDO ( 0		2.2	1	34/	1.6	135	19	68	25	37.4	140	130	
1	R1830414		2.0	16	220	.8	04	16	57	20	50.2	119	20	
	NT830920		2.4	24	221	1.0	/5	13	3/	15	33.2	113	10	
-	1630721		1./	15	304	1.5	113				62.6	144	15	
1	N1830722		3.0	16	2/4	1.0	66	12	65	18	67.0	135	5	
	N1830923		2.2	18	401	1.5	68	14	62	16	5/.5	184	10	
1	KTBODY24		1.0	10	431	.6	/6	25	61	1/	55.0	140	2	×
1	KT851925	-		20	252	1.0		- 15		14	48.4	160		
-	KYBOD916				201		30		46		54.9			
1	KTBDD427		.5	16	222	. 6	39	15	40	14	40.7	/4	15	
3	KT850928		.8		237		32	11	35	15	46.2	19	3	
3	KIRDDATA			15	185	. 3	24	10	40	12	3/.4	14	10	
	R1850930		.6	12	148		24	1	30	4	40.9	60	10	
_	RY850931		<u>1</u>	5	173	<u>:4</u>	16	5	23	<u>6</u>	42.9		5	
1	RYB50932		.2	2	158	.5	26	1	37	9	39.7	54	5	
	RY850933		.1	1	172	.5	20	8	25		4/.4	38	2	
1	RY850934		• 4	1	133	.5	38	9	36	11	46.0	72	5	
3	RY85D935		.1	1	178	.6	24	8	30	11	44.5	54	2	
_	RY85D936		<u></u>	3	103		22		27	10	45.9	35	10	
	RY85D937		.2	8	158	.5	27	10	32	10	41.7	62	5	
	RY850938	j	•	1	209	.5	38	8	28	7	45.0	43	5	
	RY85D939		.8	120 A	272		44		36	9	54.7	41		and the second second
10	RY85D940		1.2	5	354	.8	72	16	50	15	76.1	87	15	
-	RY850941		1.2		375		81	17	53	17	B0.0	94	10	
	RY850942		1.0	1	264	.4	68	11	36	12	50.7	75	5	
	RY85D943		1.6	1	387	.1	119	19	54	16	80.6	79	10	
1	RY850944		.6	11	229	.8	41	12	51	15	69.3	79	25	
	RY85D945		2.2	5	229	.6	53	22	60	19	81.5	85	5	
1	RY850946		1.3	14	324	1.0	76	13	54	15	72.6	92	5	
	RY850947		1.2	18	179	.8	39	11	46	13	48.4	88	5	
ļ,	RY850948		.8	1	215	1.7	54	14	53	15	77.8	90	5	
	RY850949	1.2-747	1.5	21	206	.8	48	14	52	16	59.2	96	5	
	RY85D950		.8	1	337	.8	30	7	45	10	75.6	117	5	
1	RY850951		.8	1	135	.6	24	7	45	9	75.3	69	5	
Ĩ	RY850952		1.2	1	115	.5	28	11	61	14	82.4	105	5	
	RY850953		.6	1	77	.8	24	9	63	12	61.0	63	10	
1	RY850954		1.2	1	201	1.1	70	10	53	13	53.5	133	15	63
	RY85D955		.3	4	67	.5	22	7	32	10	31.6	71	5	
1	RY850°56		1.2	7	89	.6	27	10	47	12	44.7	86	5	
1	RY850957		1.2	15	124	1.2	38	11	56	15	51.0	123	10	
	RY850958		2.0	2	410	1.3	93	15	78	17	53.7	154	5	
1	RY850959		2.0	5	432	1.5	121	18	74	16	46.0	147	5	
	DVOEDD:0		- 6	21	102	.6	36	9	47	13	50.2	100	3	
	<b>RIGJ270</b> 0													

PRUJELI NU: MIBJ			TOJ WEST	1010 01.9	NUN IN Y	HREDUTER, D.	6. V/R	112		1111	- NU. 31 73/F13+14
ATTENTION: TONY FLO	YD			(604)980-5	elt or	(604)988-452	4	+ TYPE S	OIL GEOCH	EM + I	ATE: JULY 31, 1985
(VALUES IN PPH )	AG	AS	BA	CD	CU	MO	PB	SB	Ŷ	ZN	AU-PPB
RY85D962	1.2	9	214	.3	47	10	69	13	54.0	96	5
RY850963	.3	6	83	1.1	34	8	44	11	46.2	60	5
RY850964	2.5	1	640	1.1	83	16	57	12	24.8	97	10
PY85D965	2.5	1	503	1.3	85	13	50	12	26.0	75	3
<b>1850966</b>	2.7	8	715	.6	80	15	56	13	30.1	82	5
RY850967 40H	2.2	1	595	1.2	71	14	50	12	25.2	79	5
RY85D968	1.7	1	596	1.1	65	11	49	9	27.6	48	5
RY85D969	2.4	10	680	1.3	85	13	72	16	35.0	186	140
RY850970	.5	12	121	.4	39	10	58	14	59.2	80	5
RY850971	1.1	1	139	.8	68	9	70	12	45.7	105	10
RY850972	.6	1	160	1.1	52	10	40	10	31.6	71	5
RY850973	2.0	1	561	1.7	73	11	55	12	25.2	129	5
RY85D974	1.6	1	428	2.2	81	10	49	11	24.5	144	3
RY850975	1.5	9	297	1.2	62	11	68	13	38.9	98	10
RY850976	2.7	6	380	1.2	69	12	62	13	30.2	171	15
RY85D977	2.9	1	417	1.2	56	10	58	11	22.7	105	10
RY85D978	2.2	8	520	1.5	68	11	50	12	31.1	105	20
RY850979	2.5	3	437	1.6	85	11	52	13	24.2	188	50
RY850980	1.1	10	108	.6	55	9	53	15	44.7	105	5
RY85D981	1.3	11	123	.8	50	10	54	13	51.0	86	5
RY850982	1.0	12	113	1.0	48	10	56	15	44.7	105	15
RY85D983	1.0	14	178	1.5	59	11	66	16	60.9	108	5
RY850984	1.1	4	138	1.5	57	11	67	15	51.2	122	15
RY850985	3.2	15	199	1.0	70	12	60	15	55.5	115	10
RY850986	1.7	7	433	1.2	93	16	62	13	31.3	129	45
RY850987	2.2	11	563	1.7	100	20	77	16	37.9	136	65
RY850988	1.1	6	117	1.2	87	11	57	15	53.2	111	5
RY850989	1.2	10	167	1.0	92	13	62	16	56.7	130	10
RY850990	.6	7	138	1.2	66	11	50	14	56.4	101	5
RY850991	1.3	6	169	1.2	123	12	67	17	55.7	173	15
- RY850992	1.3	4	166	1.2	123	13	68	20	42.2	183	5
RY85D993	.6	11	188	.2	64	13	63	17	62.5	98	5
RY850994	1.7	3	297	.1	105	18	71	17	59.2	116	10
RY850995 40M	2.2	13	293	.1	63	10	40	10	20.1	62	5
RY65D996	2.0	1	152	.4	42	12	47	14	61.5	51	5
RY850997	2.7	8	445	.4	97	21	87	14	28.2	80	65
RY850998	3.2	2	323	.8	101	21	80	15	26.0	91	5
RY85D999	3.7	3	402	1.0	124	24	97	20	37.0	131	85
N WWW I I I		1.5	1	2333.4							

(-96)

ATTENTION: TON: FLO	YÐ			16041980-	5814 OR	(604)988-4	524	+ TYPE S	DIL GEOCHE	* + D	ATE: AUGUST	7. 1985
(VALUES IN PPM )	AG	A5	BA	00	Cil	MO	PE	SB	Ŷ	IN	AU-PPB	
RY85 6550 40M	.8	4	213	1.3	39	8	59	11	33.7	135	5	
R185 6565 40M	.8	ł	173	1.2	34	9	56	11	53.7	98	5	
RY85 6570	1.6	1	204	7.1	67	6	35	8	12.3	719	15	
RY85 6580	1.0	4	214	2.0	20	8	59	11	43.5	89	10	
RYB5 6590 40H	2.0	3	620	4.4	13	7	51	11	33.0	132	15	
RY85 660D	2.5	B	514	3.0	29	12	104	15	69.2	216	140	
RY85 6610 40M	2.0	4	1064	6.1	23	10	69	14	50.0	255	190	
RY85 6620	1.7	5	551	1.7	27	11	62	1ċ	68.3	162	345	
RY85 6630 40M	1.0	7	453	1.6	28	8	37	11	59.4	110	685	
RYB5 664D	2.9	4	622	3.2	31	11	91	15	64.0	260	50	
RY85 6650	1.3	1	514	2.7	19	9	69	11	43.7	175	10	******
RY85 6665	1.7	5	304	2.7	25	13	67	18	80.6	225	5	
RY65 6670	2.4	4	644	.8	73	18	62	17	51.4	125	5	
RY85 6690	2.4	14	548	1.3	64	17	61	15	59.0	103	10	
RY85 6690	3.2	1	874	1.2	99	21	79	16	28.3	124	50	
RY85 6700	3.2	1	691	1.7	97	21	90	16	27.6	132	20	
RYB5 671D	3.7	6	686	1.3	76	37	87	20	38.7	116	5	
RYB5 672D	3.5	2	629	1.5	88	27	82	19	36.7	122	10	
RY85 6730	2.7	4	588	1.2	45	13	72	13	38.0	110	5	
RY85 6740	2.2	12	430	1.6	18	11	63	19	74.8	196	5	
RY85 6750	3.0	3	364	1.8	32	15	118	20	75.1	240	45	
RY85 6760	3.9	2	498	1.7	156	13	71	17	25.5	153	35	
RY85 6770	3. û	3	507	.8	39	16	77	21	81.0	187	5	
RY85 6785	3.5	1	476	. 6	25	16	79	24	85.0	114	10	

NORTH

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RO	CK TYPE								
Lower to Middle Jurassic									
"Toodoggone Volcanics"									
	Lawyers-metsantan quartzose andesite								
2	Green to grey quartzose pyroxene(?)								
	biotite, hornblende plagnoclase porphry flows and tuffs and lappili								
	tuffs. Contains characteristic salmon								
	pink, orange plagioclase crystals.								
	Hazelton Group?								
1	Undivided: predominantly grey, green								
	purple and orange-brown hornblende								
	andesite porphyry flows, tuffs,								
	breccia. Some lahar, conglomerate,								
	greywacke, siltstone, rare rhyolite-								
	perlite. Includes some dykes and sills								
Intru	sive Rocks								
Dikes (sills), Stocks?									
A	Basalt								
в	Feldspar porphry - quartz feldspar porphry								
С	Syenite								
D	Quartz diorite, granodiorite, quartz monzonite								
GEOLO	GICAL LEGEND								
0	area of outcrop								
****	outline of gossan								
wwwww	fault (defined, assumed)								
	geological contact (defined, assumed)								
*	rock sample location - Au(ppb), Ag(ppm)								
•	mineral occurance								
4000	breccia								
<u>-4</u>	strike and dip								
S	YMBOLS								
+ -	claim post and boundaries								
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	stream								
$\bigcirc$	lake								
	flagged grid line and soil sample location								

![](_page_68_Picture_0.jpeg)

![](_page_68_Figure_1.jpeg)

![](_page_68_Figure_2.jpeg)

![](_page_69_Figure_0.jpeg)

حبيهم

![](_page_70_Picture_0.jpeg)

![](_page_70_Figure_1.jpeg)

![](_page_70_Figure_2.jpeg)

![](_page_71_Picture_0.jpeg)




