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MAX PROPERTY

Fort St James, British Columbia

NTS: 93K/16E

DIAMOND DRILLING - 1992

Claims: MAX 1-27
MAX 29
Grif 1-2
GR 1-8
Sint 1
Fri #1

Owners: A A Halleran, A D Halleran, U Schmidt

Operators: Rio Algom Exploration Inc

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,271

William S Donaldson

April 1992

SUMMARY

The MAX claims are situated 57km north of Fort St James, British Columbia in an area favourable for copper-gold porphyry-style mineralization. The claims consist of a total of 575 units and are accessible by vehicle along an all-weather road and several branch logging roads.

The claims were staked by Arthur A Halleran, Arthur D Halleran and Uwe Schmidt in late 1986. The staking was based on the presence of a series of magnetic highs of similar magnitude to the nearby Tas and Mount Milligan properties. Placer gold was found in creeks draining the magnetic highs. Work on the claims in 1991 by Rio Algom Exploration Inc included geological mapping, geochemical soil sampling and induced polarization surveys over two selected grids within the claim block.

Several anomalous chargeability highs were identified from the induced polarization survey. They occurred on two separate grids (the Fire and Lynx grid) and produced contiguous anomalies over one kilometre in length. The purpose of the 1992 diamond drill programme was to test these anomalies.

Six diamond drill holes totalling 600 metres tested the anomalous zones. Volcanics of the Takla Group and sediments were intersected. Mineralization consisted of pyrite and graphitic argillite. Propylitic alteration was present in the volcanics. With the exception of DDH 92-6, all holes were drilled in fault zones. All gold and copper assays are at or below background levels.

As the results of the diamond drill programme are not encouraging, and all targets have been tested, it is recommended that no further work be done on the MAX property by Rio Algom Exploration Inc.

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1 INTRODUCTION

1.1 General

This report describes the work done and results of the 1992 diamond drill programme conducted on the MAX claims by Rio Algom Exploration Inc.

The objective of the programme was to test induced polarization chargeability anomalies on two separate grids (the Fire and Lynx grids) within the claim group.

This report describes the geology and assay results obtained from the diamond drill programme and concludes with a recommendation.

1.2 Location, Access and Topography

The claims are situated 57km north of Fort St James, B C in the Omineca Mining Division. The centre of the MAX claim group is located at latitude 54° 56'N and longitude 124° 02'W (Figure 1).

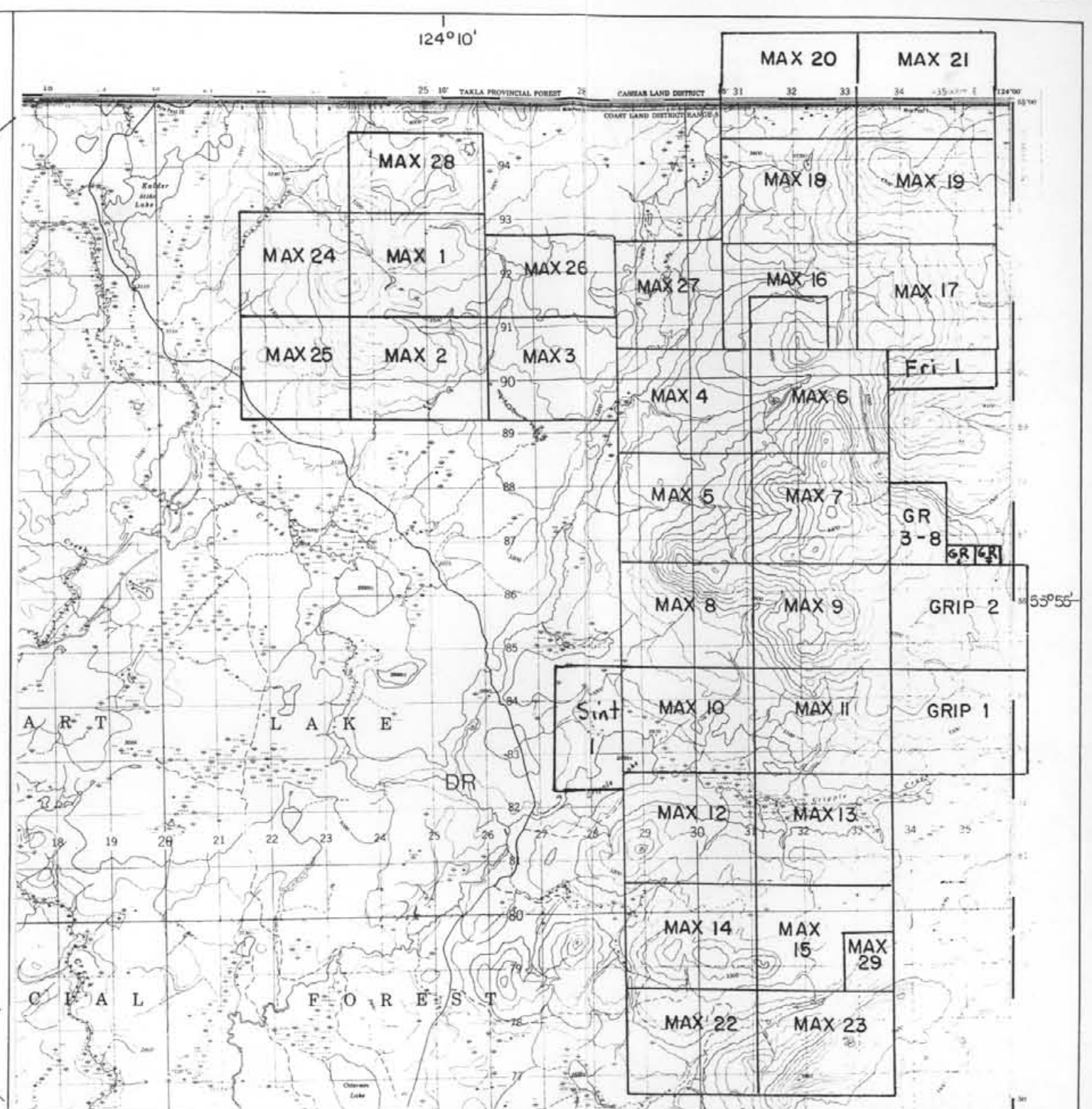
Vehicular access is possible via the Germansen Road from Fort St James and two major branch logging roads. The Fire grid (to the north) is accessed via the Rainbow Creek Forest Service branch road. The Lynx grid (to the south) is accessed via the Germansen-Cripple Forest Service branch road.

The property is located near the northern boundary of the Fraser Basin and is characterized by low relief with flat to rolling surfaces, which are generally lower than 1000 metres in elevation (above mean sea level). Elevations on the property range from 875 to 1370 metres (amsl).

Vegetation consists of thick growths of spruce, fir and pine (where clear cutting has not occurred), with open swampy areas along the main drainage.

1.3 Property and Claim Status

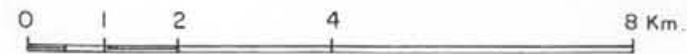
The MAX property consists of the MAX 1-27, MAX 29, Grif 1 and 2, GR 1 to 8, Fri #1 and Sint 1 mineral claims totalling 575 units. The claims, which are owned jointly by Uwe Schmidt, Arthur A Halleran and Arthur D Halleran, are held under option by City Resources (Canada) Limited. Under the terms of a joint venture agreement with City Resources, Rio Algom Exploration Inc has a right to earn up to 70% of City Resources' interest in the property.

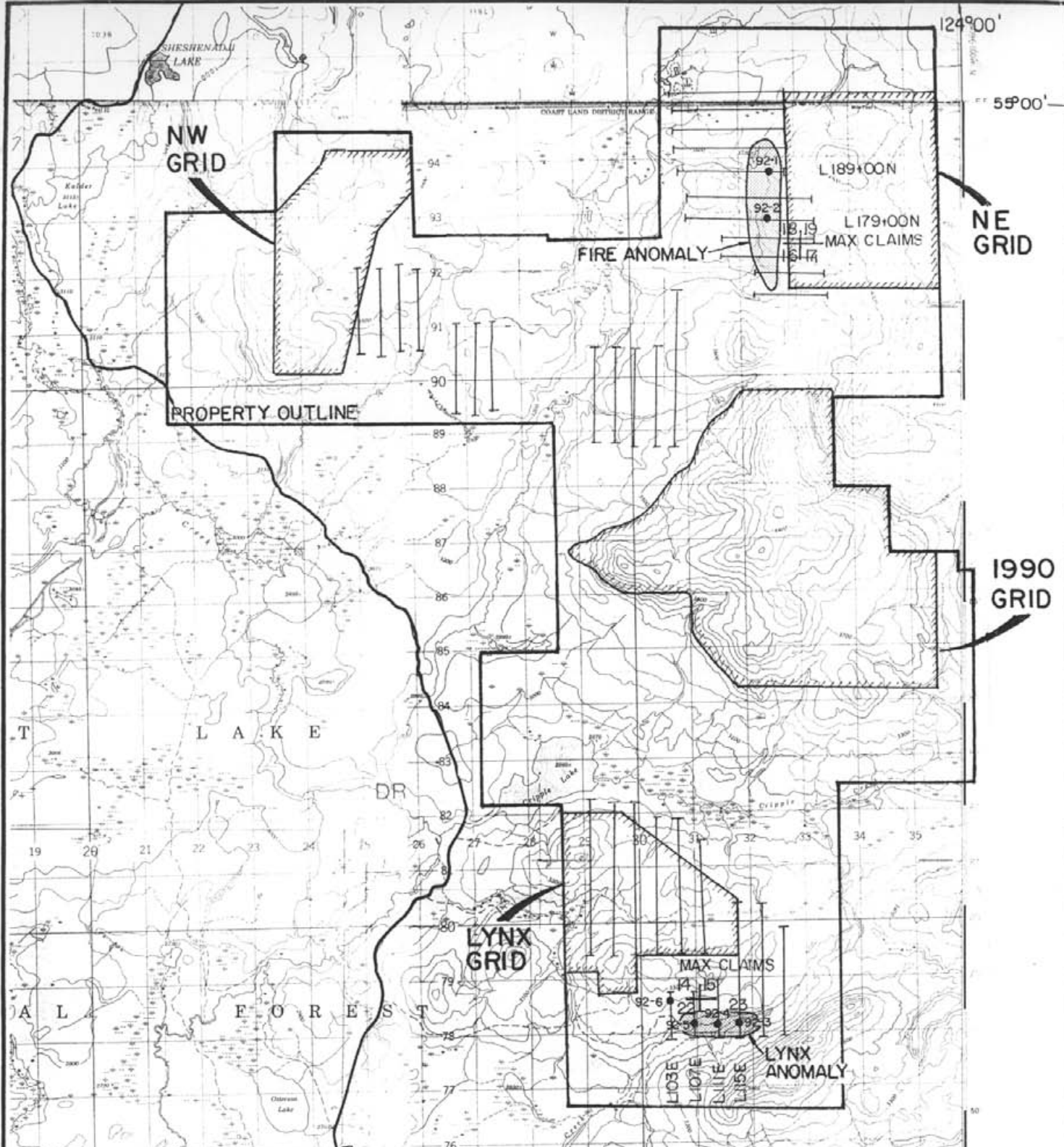





Rio Algom Exploration Inc.		
MAX CLAIMS		
LOCATION MAP		
DATE	DRAWN BY	DWG.
OCT. 1990	J.M. / Chong	1

N.T.S. 93N-1E, 93K-16E

SCALE 1:100,000





-  Area of sampling
-  I.P. line
-  Drill hole

SCALE 1:100,000



Rio Algom Exploration Inc.		
MAX CLAIMS		
INDEX MAP		
N.T.S. 93N-1E, 93K-16E		OMINECA MD., B.C.
DATE	DRAWN BY	DWG.
MARCH 1992	W.S.D. / Chong	2

The claims, their record numbers and date of record, are presented below:

Claim	Units	Record Number	Date of Record
MAX 1	20	239224	August 13, 1986
MAX 2	20	239225	August 13, 1986
MAX 3	20	239226	August 13, 1986
MAX 4	20	239227	August 13, 1986
MAX 5	20	239228	August 13, 1986
MAX 6	20	239229	August 13, 1986
MAX 7	20	239230	August 13, 1986
MAX 8	20	239231	August 13, 1986
MAX 9	20	239232	August 13, 1986
MAX 10	20	239233	August 13, 1986
MAX 11	20	239234	August 13, 1986
MAX 12	20	239235	August 13, 1986
MAX 13	20	239236	August 13, 1986
MAX 14	20	239237	August 13, 1986
MAX 15	20	239238	August 13, 1986
MAX 16	20	239581	August 13, 1987
MAX 17	20	239582	August 13, 1987
MAX 18	20	239583	August 13, 1987
MAX 19	20	239584	August 13, 1987
MAX 20	20	239585	August 13, 1987
MAX 21	20	239586	August 13, 1987
MAX 22	20	242076	May 15, 1990
MAX 23	20	242077	May 16, 1990
MAX 24	16	242078	May 18, 1990
MAX 25	16	242079	May 20, 1990
MAX 26	15	242080	May 17, 1990
MAX 27	16	242081	May 19, 1990
MAX 29	6	242082	May 17, 1990
Fri #1	8	242456	July 19, 1990
GR 1	1	242457	July 26, 1990
GR 2	1	242458	July 26, 1990
GR 3	1	240539	April 16, 1989
GR 4	1	240540	April 16, 1989
GR 5	1	240541	April 16, 1989

GR 6	1	240542	April 16, 1989
GR 7	1	240543	April 16, 1989
GR 8	1	240544	April 16, 1989
GRIF 1	20	239276	September 15, 1986
GRIF 2	2	239277	September 15, 1986
Sint 1	20	241909	April 20, 1990

All are in the Omineca Mining Division.

1.4 History

The property was originally staked in late 1986 by Arthur A Halleran, Arthur D Halleran and Uwe Schmidt. They based their staking on the presence of a series of magnetic highs of similar magnitude to the nearby Tas and Mount Milligan properties. They also found placer gold in creeks draining these magnetic anomalies.

United Pacific Gold optioned the claims in 1986. They carried out a preliminary programme of geological mapping, prospecting, soil sampling and collection of panned concentrate silt samples. This work was documented by Uwe Schmidt (1988) who confirmed the presence of anomalous gold in streams draining the magnetic anomalies. Geological mapping identified widespread propylitic-altered andesitic flow and pyroclastic rocks and several small intrusive breccias, ranging in composition from diorite to syenite. On the Grif claims, grid soil sampling located areas of anomalous copper in soils.

On portions of the MAX 16 and 18 claims, further reconnaissance soil sampling was carried out in 1988. In 1990, because of limited financial resources, United Pacific Gold Limited was unable to engage in further work programmes and consequently sold its interest in the property to City Resources (Canada) Limited.

Rio Algom Exploration Inc entered into a joint venture agreement with City Resources (Canada) Limited in May 1990 and subsequently Rio Algom conducted an airborne VLF EM and magnetic survey of the entire claim block, an airphoto interpretation of the surficial geology, grid soil sampling and geological mapping of the central grid area.

Rio Algom continued work during 1991. Geological mapping and soil sampling were continued on several small grids (Lynx, NW, Fire) within the claim block. A

reconnaissance induced polarization survey was conducted to evaluate the numerous high-magnetic anomalies for porphyry-type copper-gold mineralization.

In addition, a detailed rock sampling and follow-up soil re-sampling programme was conducted on the central grid area by Rio Algom personnel.

2 REGIONAL GEOLOGY

The MAX property occurs within the Quesnel Trough, a subdivision of the Intermontane tectonic belt. The Quesnel Trough is fault bounded on the west by Palaeozoic rocks of the Pinchi Belt and on the east by mid to upper Palaeozoic rocks of the Slide Mountain Group.

Extensive island-arc volcanism and sedimentary deposition occurred in the Quesnel Trough from late Triassic to early Jurassic time. An Upper Triassic black argillite unit represents the base of the Quesnel Trough. This argillite is exposed near the eastern margin of the trough where it commonly overlies ophiolitic rocks of the Slide Mountain Group. A series of augite porphyry flows, breccias and minor argillites overlies basal black argillite. Overlying these rocks is a second sequence of argillites and volcanoclastic rocks of Upper Triassic to Lower Jurassic age. Subaerial volcanoclastics in the geologic record indicate that volcanic centres in the trough emerged in early Jurassic time and this is postulated to have occurred in conjunction with the rise and deformation of the Omineca Crystalline Belt rocks to the east.

The dominant structural styles in the belt are block faulting and tilting. Faults trend in a northwest and northeast direction. Folding is restricted to the eastern margin of the belt near its structural boundary with the Omineca Crystalline Belt.

Two major episodes of granitic intrusion are recognized along a northwest-trending belt, slightly oblique to the Quesnel Trough, and cluster around 200 and 100 million year ages. Gold and copper-gold deposits have an affinity for 200 million year old alkalic plutons and Triassic-Jurassic volcanic rocks. Molybdenum deposits are associated with the 100 million year intrusive event.

J L Nelson et al (1991) remapped the area around the property. The Takla Group was divided into four informal formations; the Rainbow Creek, Inzana Lake, Witch Lake and Chuchi Lake formations. The Inzana Lake and Witch Lake formations underlie the MAX claim group.

3 RIO ALGOM WORK PROGRAMME

Work was carried out between February 20 and March 25 1992 by Rio Algom personnel with the completion of various programmes described below.

3.1 Snow Ploughing

Lepka Holdings of Fort St James was contracted to plough snow off the Rainbow Creek Forest Service Road and an access road to the Lynx grid and to assist in drill pad construction. Work started February 24 1992 and was completed on March 5 1992. Equipment used included a Caterpillar D-7 bulldozer (89.5 hours) and a Fining 225 excavator (8 hours).

3.2 Diamond Drilling

Beaupre's Drilling (1990) Ltd of Princeton, B C was contracted to drill 600 metres of NQ core. Work commenced February 29 1992 using a Longyear 38 diamond drill and finished March 22 1992. The total drilled was 600.15 metres. Drill core is stored at A D Halleran's residence in Fort St James. Mr Halleran may be contacted at P O Box 783, Fort St James, B C.

3.3 Core Logging

The author was responsible for project supervision and core logging. An assistant was employed for core splitting. The project required a total of 48 man days.

3.4 Core Sampling

All core was split. Samples were generally two metres in length. In some holes, only every second sample was sent for analysis. Drilling intersected several major fault zones where core recovery was impossible. In these instances, 3.05 metre tricomed bedrock cuttings were collected and sent to the laboratory for analysis. A total of 127 samples was shipped to Chemex Laboratories in North Vancouver for analysis.

3.5 Laboratory Procedures

All samples were analyzed for gold (by FA/AA) and 32 element ICP.

Core samples were pulverized to -140 mesh, a 0.5 gram sample was then digested with 3 ml 3-1-2 (HCL-HNO₃-H₂O) at 95°C for one hour and diluted to 10 ml with water. Analysis for 32 elements is by inductively coupled plasma (ICP). For gold analysis, a 10.0 gram sample is pre-concentrated using fire assay techniques and finished by atomic absorption analysis.

4 RESULTS OF WORK

Detailed drill logs and sample intervals are located in Appendix I. Appendix II contains the drill sections at a scale of 1:500.

4.1 Geology

The purpose of the 1992 diamond drill programme was to test two broad IP chargeability anomalies, one in the northern Fire grid and the other in the southern Lynx grid.

Two holes tested the Fire anomaly:

DDH 92-1 (L189+00N, 137+27E, 98.45 metres length) was drilled at azimuth 084° and a dip of -48°. It intersected a black to grey-coloured argillite with an apparent bedding dip of 10°W. The interval was moderately fractured.

DDH 92-2 (L179+00N, 136+80E, 121.92 metres length) was drilled vertically. The hole intersected 17 metres of argillite near the top with andesitic tuffs underneath. A contact was not observed between the sediments and volcanics. Using Nelson et al's (1991) Takla Group subdivision, the sediments belong to the Inzana Lake formation and the volcanics to the Witch Lake formation. For this sequence to be possible, the sediments have probably been uplifted over the volcanics. This is supported by the fact that extensive faulting occurs throughout the upper three-quarters of the hole.

Four holes tested the Lynx anomaly - three in a fairly broad, contiguous IP chargeability anomaly and the other hole (92-6), 400 metres north of this zone, in a weaker IP chargeability anomaly.

DDH 92-3 (L115+00E, 35+75N, 63.09 metres length) was drilled at azimuth 180° and -50° dip. The upper half of the hole contained a feldspar hornblende porphyry trachyte (with 1-2mm thin hornblende laths and 2-3 mm plagioclase phenocrysts set in a fine grain, potassic-rich matrix) overlying an argillite. Extensive faulting occurred throughout and the hole was abandoned at 63.09 metres.

DDH 92-4 (L110+98E, 34+10N, 121.31 metres length) was drilled vertically. The drillers were unable to recover core from the upper half of the hole, so the author

authorized the drillers to tricone the bedrock and collect chip samples from the 3.05 metre runs. The chips consist of argillite, apparently cut by intrusive (monzonite) dykes. Core was recovered from the lower half and consisted of plagioclase porphyry monzonite and graphitic argillite.

DDH 92-5 (L106+70E, 34+10N, 100.89 metres length) intersected siltstone and plagioclase porphyry monzonite at the top. From 42.06 to 66.45 metres, triconed chips of argillite and monzonite (dykes?) were recovered. The lower portion of the hole consisted of graphitic argillite and a potassic-flooded monzonite at the bottom.

DDH 92-6 (L103+00E, 37+85N, 98.45 metres length) - this final hole was located 400 metres north of the anomaly tested in the previous three holes. The majority of this core consisted of a silicified monzonite containing some primary brecciation. The bottom of the hole intersected a carbonate-altered volcanic flow (megacrystic augite porphyry) with augite phenocrysts to 5mm.

4.2 Alteration and Mineralization

The argillite in DDH 92-1 and 92-2 was relatively unaltered, except for minor, weak, semi-pervasive carbonate in some intervals.

The volcanics in DDH 92-2 had some secondary potassic alteration to 25% and sericitic alteration to 15%. Propylitic alteration, consisting of 3% epidote, 2% chlorite and 2% carbonate was present in the lower half of the hole.

DDH 92-3 to 92-5 had minimal to no alteration.

Alteration was quite strong in DDH 92-6. The monzonite had 25% pervasive silicification throughout, with possible minor albitization. The carbonate-altered volcanic flow at the bottom had 30% pervasive carbonate alteration, though no evidence of typical propylitic alteration (chlorite, epidote).

Mineralization is limited to pyrite in both the Fire and Lynx anomalies. The argillites on the Fire grid had 5% disseminated pyrite, localized along bedding planes. The volcanics in DDH 92-2 had 3% disseminated pyrite. Drill core from the Lynx grid contained 1-3% disseminated and aggregates of pyrite in all rock types. Chalcopyrite was not observed. Minor hematite occurred on some fractures and argillites on the Lynx grid were graphitic.

4.3 Structure

All of the drill holes, with the exception of DDH 92-6, intersected wide regional faults, resulting in poor to no core recovery. Often clay fault gouge was recovered as in DDH 92-4 and 92-5. Recoveries are noted on each drill log in Appendix I.

On the Fire grid, a regional fault follows the IP chargeability anomaly. It is inferred that the fault strikes north-south and dips steeply to the west or east; DDH 92-2 shears are at 52° - 74° . Fault information is based solely on data obtained in DDH 92-2. Bedding in the argillites of DDH 92-1 and DDH 92-2 suggests an apparent westerly dip at 10° .

On the Lynx grid, it is inferred that the regional fault trends west-southwest. It dips steeply to the north or south at 64° .

4.4 Results

Gold and copper grades are uniformly low. All gold and copper assays are at or below background levels, with the exception of those noted below:

DDH 92-1 had 50ppb gold (Sample # 15016) in an intense chlorite-carbonate altered argillite interval.

DDH 92-2 had 22ppm molybdenum (Sample # 15036) in an andesitic pyroxene-plagioclase tuff with 20% secondary potassic alteration and 2% disseminated pyrite.

DDH 92-3 had 334ppm copper (Sample # 15061) in an argillite(?) with 1% disseminated pyrite.

DDH 92-4 had 307ppm copper (Sample # 15062) in triconed intrusive rock cuttings. A string of elevated molybdenum (Sample # 15084 - 15096, every second sample assayed) occurs from 79 to 107 metres and ranges from 21ppm to 39ppm. The rock is argillite with 2% pyrite and minor monzonite at the beginning.

DDH 92-6 had 30ppb gold (Sample # 15129) in a silicified monzonite with 2% quartz-carbonate veining and 3% disseminated pyrite. Sample # 15141 had 433ppm copper in a silicified monzonite with 2% disseminated pyrite, 1% magnetite and 1% epidote. Sample # 15143 had 30ppb gold in a silicified monzonite with 2% disseminated pyrite and minor fault gouge.

5 DISCUSSION

The purpose of the diamond drill programme was to test two broad IP chargeability anomalies on the MAX property.

On the Fire grid, the anomalies are due to 5% disseminated pyrite throughout a regional north-south trending fault. The fault may have been water-filled at the time the IP programme was conducted, resulting in very high anomalous chargeability readings (up to 110 milliseconds). Clay fault gouge is also a contributing factor.

On the Lynx grid, the IP anomalies tested in DDH 92-3 to DDH 92-5, were caused by 2-3% disseminated pyrite throughout and graphitic argillite in a regional west-southwest trending fault.

The weak IP chargeability anomaly in DDH 92-6 results from 2-3% disseminated pyrite.

6 RECOMMENDATIONS

As the results of the diamond drill programme are not encouraging, it is recommended that no further work be done on the MAX property by Rio Algom Exploration Inc and that the property be returned to City Resources (Canada) Limited.

7 REFERENCES

- McClintock, J A; (1991) MAX Property: Geology, Geochemistry and Geophysics. BCDM Assessment Report # 20530.
- Nelson, J; Bellefontaine, K; Green, K; MacLean, M; (1991) Regional Geological Mapping near the Mount Milligan Copper-Gold Deposit, BCDM Geological Fieldwork 1990. Paper 1991-1.
- Nelson, J; Bellefontaine, K; Green, K; MacLean, M (1991) Geology and Mineral Potential of Wittsichia Creek and Tezzeron Creek Map Areas. BCDM Open File 1991-3.

8 STATEMENT OF QUALIFICATIONS

I, William Stratton Donaldson, do hereby certify that:

- 1 I am a graduate student of Carleton University in Ottawa, Ontario with an Honours Bachelor of Science degree (1985) in Geology.
- 2 I have practised my profession as a geologist continually since graduation.
- 3 I currently reside at 1136-1124 Lonsdale Avenue, North Vancouver, British Columbia.
- 4 I am temporarily employed as a Geologist with Rio Algom Exploration Inc with an office at 1650, 609 Granville Street, Vancouver, British Columbia.
- 5 I personally assisted in the supervision and core logging of the diamond drill programme on the MAX property during February and March 1992.



William Stratton Donaldson
April 1992

9 STATEMENT OF COSTS

Salaries:

W Donaldson, Geologist - February 22 to March 25 33 days @ \$250/day		\$ 8,250	
C Weltens, Core Splitter - March 6 to 19 14 days @ \$125/day		1,750	
J A McClintock, Geologist - March 23, 1992		\$ 350	
	Sub-Total		\$ 10,350
Room and Board - 47 man days @ \$65/manday			3,056
Beaupre Diamond Drilling - 600 m Diamond Drilling (all inclusive)			44,873
Lepka Holdings - snow removal from 15km of access roads and pads			11,799
Assaying - Chemex Laboratories - 127 samples @ \$16.50/sample	2,095		
Shipping	350		
	Sub-Total		2,445
Truck Rental and Fuel			2,500
Rental of Core Logging Facilities	500		
Core table lumber, lights, supplies, etc	432		
	Sub-Total		932
Airfares: Vancouver - Prince George, return			
J A McClintock		513.60	
C Weltens		513.60	
	Sub-Total		1,027
Report Compilation:			
W Donaldson, 3 days @ \$250/day		750	
J A McClintock, 1 day @ \$350/day		350	
Maps, prints, drafting, typing		1,500	
	Sub-Total		2,600
	TOTAL		\$79,582

Costs Apportioned to Claims:

MAX 14: 98.5 m / 600 m or 16.4% of total cost	\$13,064.71
MAX 18: 246.5 m / 600 m or 36.1% of total cost	\$28,715.84
MAX 22: 101 m / 600 m or 16.8% of total cost	\$13,396.30
MAX 23: 184 m / 600 m or 30.7% of total cost	\$24,405.15
TOTAL	\$79,582.00

APPENDIX I

DIAMOND DRILL LOGS AND SAMPLE DESCRIPTIONS

**RIO ALGOM EXPLORATION INC
DIAMOND DRILL LOG**

Hole No: 92-2
Page 4 of 4

Metres		Lithology	Remarks	Metres		Alteration								Mineralization				Structure		Rec %	
						Replacement %				Veinlets %				Disseminated		Veinlets %		Description	Angle to core Ax		
From	To			From	To	Ser	Sil	Bio	K	Cl	Qtz	K	Ep	Cal	Py	Cpy	Py			Cpy	
57.95	121.92	ANDESITIC PYROXENE- PLAGIOCLASE TUFF	99.67m to End of Hole: ROCK IS FRACTURED WITH APPROXIMATELY 40% OF SECTIONS GREATER THAN 10 cm IN LENGTH. OTHER: EPID-78 IS SEMI-PERVASIVE AND AVERAGES 3% FROM 101.04 - 117.0m HORNBLENDE LATHS ARE VISIBLE IN THIS MATRIX AND AVERAGE 5%. 116.13 - 121.92: 1% CARBONATE VEINS, THE MAJORITY AT 65° CAX. ALSO MINOR HEMATITE VEINLETS.	80.31	81.08																100
				81.08	81.99																75
				81.99	83.36																72
				83.36	84.12																91
				84.12	85.19																92
				85.19	86.56																71
				86.56	87.48																100
				87.48	89.46																90
				89.46	90.83																100
				90.83	92.66																89
				92.66	93.88																90
				93.88	94.79																92
				94.79	95.71																100
				95.71	96.93																100
				96.93	99.67																96
				99.67	101.04																100
				101.04	102.41																100
				102.41	105.61																96
				105.61	106.07																100
				106.07	108.20																100
				108.20	108.97																100
				108.97	110.03																100
				110.03	111.57																100
				111.57	113.08																100
				113.08	115.21																100
				115.21	116.13																100
				116.13	118.26																95
				118.26	118.87																
				118.87	121.92																

RIO ALGOM EXPLORATION INC
DRILL ASSAY LOG

Hole No: 92-2
Page: 1 of 2
Property: MAX

Sample Number	Sample Interval		Length	Au ppb	Ag g/t ppm	Cu ppm	Zn % ppm					Description
	m	m										
15019	17.07	19	1.93	<5		136						ARGILLITE ; 5% DISS. PYRITE LOW RECOVERY
15020	19	30.17	11.17	10		107						" " " " " "
15021	30.48	34.48	4	20		100						" " " " " "
15022	34.48	36	1.52	<5		96						BLEACHED VOLCANIC, 2% PYRITE
15023	36	38	2	<5		104						" " " "
15024	38	40	2	<5		127						2% PYRITE; 2% CARB. 15% SERICITE
15025	40	44	4	<5		98						30% K-SPAR, 1% CHL; 2% PYRITE
15026	44	46	2	<5		93						2% PYRITE, 15% SERICITE, 20% K-SPAR
15027	46	48	2	<5		83						1% CHLORITE, 30% K-SPAR, 15% SERICITE
15028	48	50	2	<5		161						" " " " " "
15029	50	52	2	<5		212						2% CHLORITE, 2% CV, 2% PYRITE
15030	52	54	2	<5		150						" " " " " "
15031	54	56	2	<5		119						MONZONITE DYKE 2% PYRITE
15032	56	58	2	<5		133						" " " "
15033	58	62	4	<5		90						FAULT "BOUGE" ; 3% DISS. PYRITE.
15034	62	66	4	<5		104						2% EPIDOTE, 3% PYRITE.
15035	66	70	4	<5		93						2% DISS PYRITE; 2% PYRITE VENS. 3% EPIDOTE
15036	70	74	4	<5		89						2% PYRITE, 20% K-SPAR
15037	74	78	4	<5		151						" " " "
15038	78	82	4	<5		114						3% EPIDOTE; 2% PYRITE; 1% CV
15039	82	86	4	<5		103						2% CV; 3% PYRITE, 1% HEMATITE, 20% K-SPAR
15040	86	88	2	<5		118						" " " " " " " "
15041	88	90	2	<5		78						2% PYRITE; SHEARING, 2% EPIDOTE
15042	90	92	2	<5		95						" " " " "
15043	92	94	2	<5		103						" " " " "
15044	94	96	2	<5		118						2% PYRITE, 2% EPIDOTE, 1% CARBONATE
15045	96	98	2	<5		156						2% PYRITE, 3% EPIDOTE
15046	98	100	2	<5		134						2% CV, 3% EPIDOTE, 1% PYRITE
15047	100	102	2	<5		126						4% EPIDOTE, 3% PYRITE

**RIO ALGOM EXPLORATION INC
DIAMOND DRILL LOG**

Hole No: 92-3
Page 1 of 2

Location:	Property Grid: 115+00E ; 35+75N	Property: MAX	Section: 115+00E
Azimuth: 180°	Core Diameter: NQ	Mineral Claim: MAX 23	Dip Tests: - NONE -
Collar Dip: -50°	Date Started: MARCH 12 1992	Date Logged: MARCH 14 1992	m 0
Elevation: 935 m	Date Completed: MARCH 13 1992	Logged by: WILLIAM DONALDSON	m 0
Length: 63.09m	Casing Removed: YES	Drilling Contractor: BEAUPRE DIAMOND DRILLING	m 0
Purpose: TO TEST AN I.P. CHARGEABILITY ANOMALY.			m 0
Synopsis: THE ANOMALY REPRESENTS A WIDE FAULT ZONE. HOLE ABANDONED AT 63.09m DUE TO LOW RECOVERY OF CORE.			
Recommendation: TEST THE ANOMALY 400m WEST.			

Metres		Lithology	Remarks	Metres		Alteration										Mineralization				Structure		Rec %		
						Replacement %					Veinlets %					Disseminated		Veinlets %		Description	Angle to core Ax			
From	To			From	To	Ser	Sil	Blo	K	Cl	Qtz	K	Ep	Cal	Py	Cpy		Py	Cpy					
0	31.39	OVERBURDEN		31.39	32.00																			8
				32.00	33.53																			44
31.39	50.29	FELSPAR HORNBLENDE PORPHYRY TRACHYTE	LIGHT GREY COLOUR, WITH 1-2mm THIN HORNBLENDE LATHS AND 2-3mm PLAGIOCLASE PHENOCRYSTS SET IN A FINE GRAIN, K-FERRIC RICH MATRIX. HORNBLENDE AVERAGES 5% WHILE PLAGIOCLASE AVERAGES 15-20% ALTERATION: WEAK CHLORITIC ALTERATION OF HORNBLENDE LATHS. WEAK SAUCENTIZATION OF SOME PLAGIOCLASE PHENOCRYSTS. MINERALIZATION: DISSEMINATED PYRITE AND PLATH. PYRITE IN FRACTURED AUCRALS 2% CHALCOPYRITE WAS NOT OBSERVED STRUCTURE: 17. QTZ. LAMINATE VEINS, THE MAJORITY AT 75% CAX THE INTERVAL IS IN A FAULT AND HIGHLY FRACTURED. AVERAGE CORE SIZE IS 1 cm.	33.53	35.05																			64
				35.05	36.27																			29
				36.27	36.88																			80
				36.88	37.34																			13
				37.34	37.95																			7
				37.95	39.78																			7
				39.78	42.06																			0
				42.06	42.98																			13
				42.98	48.77																			0
				48.77	49.38																			26
				49.38	50.29																			11
				50.29	51.51																			12
				51.51	52.12																			16
				52.12	53.34																			0
				53.34	56.39																			5
				56.39	62.48																			0
				62.48	63.09																			32

RIO ALGOM EXPLORATION INC
DRILL ASSAY LOG

Hole No: 92-4
Page: 1 of 2
Property: MAX

Sample Number	Sample Interval		Length	Au ppb	Ag g/t ppm	Cu ppm	Zn % ppm					Description
	m	m										
15062	17.64	20.73	3.05	<5		307						TRICONED ROCK CUTTINGS
15063	20.73	23.77	3.04	<5		80						" " "
15064	23.77	26.82	3.05	<5		93						" " "
15065	26.82	29.87	3.05	<5		81						" " "
15066	29.87	32.92	3.05	<5		79						" " "
15067	32.92	35.97	3.05	<5		84						" " "
15068	35.97	39.01	3.04	<5		76						" " "
15069	39.01	42.06	3.05	<5		85						" " "
15070	42.06	45.11	3.05	<5		92						" " "
15071	45.11	48.16	3.05	<5		89						" " "
15072	48.16	51.21	3.05	<5		201						" " "
15073	51.21	54.25	3.04	<5		230						" " "
15074	54.25	57.30	3.05	<5		102						" " "
15075	57.30	60.35	3.05	<5		95						" " "
15076	60.35	63.40	3.05	<5		86						" " "
15077	62.94	67	4.06									ARGILLITE + MONZONITE ; 29. PYRITE
15078	67	69	2	<5		69						MONZONITE ; 29. PYRITE
15079	69	71	2									" " "
15080	71	73	2	<5		89						" " "
15081	73	75	2									" " "
15082	75	77	2	<5		151						" " "
15083	77	79	2									" " "
15084	79	81	2	<5		99						MONZONITE + ARGILLITE 29. PYRITE
15085	81	83	2									MONZONITE ; 29. PYRITE
15086	83	85	2	<5		90						GRAPHIC ARGILLITE ; 29. PYRITE
15087	85	87	2									" " "
15088	87	89	2	<5		75						" " "
15089	89	91	2									" " "
15090	91	93	2	<5		84						" " "

**RIO ALGOM EXPLORATION INC
DIAMOND DRILL LOG**

Hole No: 92-5
Page 1 of 4

Location:	Property Grid: 106+7DE 34+10N	Property: MAX	Section: 107+00E
Azimuth: 000°	Core Diameter: NA	Mineral Claim: MAX 22	Dip Tests: -NONE-
Collar Dip: -90°	Date Started: MARCH 18 1992	Date Logged: MARCH 20-21 1992	m 0
Elevation: 940m	Date Completed: MARCH 20 1992	Logged by: W. DONALDSON	m 0
Length: 100.89m	Casing Removed: YES	Drilling Contractor: BEAUMONT DIAMOND DRILLING	m 0
Purpose: To TEST THE WESTERN EDGE OF AN I.P. CHARACTERIZABILITY ANOMALY			m 0
Synopsis: ANOMALY IS DUE TO GRAPHITE ARGILLITE AND PYRITE WITHIN A FAULT ZONE			
Recommendation: NO FURTHER WORK RECOMMENDED IN THIS ZONE.			

Metres		Lithology	Remarks	Alteration										Mineralization				Structure		Rec %
				Replacement %					Veinlets %					Disseminated		Veinlets %		Description	Angle to core Ax	
From	To		From	To	Ser	Sil	Blo	K	Cl	Qtz	K	Ep	Cal	Py	Cpy	Py	Cpy			
0	23.77	OVERBURDEN		23.77	24.69															54
				24.69	28.35															0
23.77	32.92	SILTSTONE	GREY COLOUR, FINE GRAINED, WITH FAINT BEDDING @ 72° CAX. SOME GRAVEL-SIZE FRAGMENTS OF CORE APPEAR TO HAVE BEDDING AT ≈ 80° CAX. MINERALIZATION CONSISTS OF 2% PYRITE.	28.35	28.65															96
				28.65	28.96															26
				28.96	29.87															7
				29.87	32.92															15
				32.92	37.19															0
				37.19	37.80															44
				37.80	38.40															100
				38.40	39.01															95
32.92	42.06	PLAGIOCLASE PORPHYRY MONZONITE	LIGHT GREY COLOUR WITH 2-3 mm PLAGIOCLASE LATHS SET IN A FINE GRAIN PLAX RICH MATRIX ALTERATION: TO 38.60m 10% OF PLAGIOCLASE LATHS HAVE BEEN SARCINITIZED. MINERALIZATION: DISSEMINATED PYRITE AVERAGES 1% AND IS MAINLY LOCALIZED ALONG FRACTURES. STRUCTURE: 2% QUARTZ-CARBONATE VEINING THE MAJORITY AT 40° CAX.	39.01	40.39															76
				40.39	42.06															58

40.30 - 42.06 : ARGILLITE

**RIO ALGOM EXPLORATION INC
DIAMOND DRILL LOG**

Hole No: 92-5
Page 4 of 4

Metres		Lithology	Remarks	Metres		Alteration								Mineralization				Structure				
						Replacement %				Veinlets %				Disseminated		Veinlets %		Descrip- tion	Angle to core Ax	Rec %		
From	To			From	To	Ser	Sil	Bio	K	Cl	Qtz	K	Ep	Cal	Py	Cpy	Py				Cpy	
93.27	100.89	POTASSIC-FLOODED MONZONITE (cont)	17. CHLORITE OCCURS ON ALL FRACTURE SURFACES.	94.49	95.10																	49
			3% PERVASIVE CARBONATE ALTERATION OCCURS THROUGHOUT	95.10	95.71																	54
			MINERALIZATION: DISSEMINATED MALTE AVERAGES 2%.	95.71	97.08																	90
			THE INTERVAL IS NON-MAGNETIC STRUCTURE: 96.30-97.38: GOOD FAULT GOUGE WITH ARGILLITE W/BLKCK CAUGHT UP.	97.08	97.38																	70
			TO 99.70m; NUMEROUS MICROFRACTURES CROSSCUT THE INTERVAL. THERE IS ALSO 2% CARBONATE VEINING AT RANDOM ANGLES.	97.38	99.67																	100
			E.O.H = 100.89m CASING PULLED	99.67	100.89																	100
					-END-																	

RIO ALGOM EXPLORATION INC
DRILL ASSAY LOG

Hole No: 92-6
Page: 1 of 1
Property: MAX

Sample Number	Interval		Length	Au ppb	Ag g/t ppm	Cu ppm	Zn % ppm					Description
	m	m										
15122	31.39	39	7.61	25		66						BROKEN, WEATHERED BEDROCK w/ 27. PY + EPI.
15123	39	41	2	45		69						SILICIFIED MANDONNITE; 37. PYRITE
15124	41	43	2	45		55						" " " "
15125	43	45	2	45		65						27. QTZ-CARB VEINING; 37. DISS PYRITE.
15126	45	47	2	45		61						27. PYRITE
15127	47	49	2	25		68						" "
15128	49	51	2	45		80						37. PYRITE; FLOW BANDING
15129	51	53	2	30		104						27. QTZ-CARB VEINING; 37. PYRITE
15130	53	55	2	45		122						37. PYRITE; 27. QTZ-CARB VEINING
15131	55	57	2	45		81						" " " " " "
15132	57	59	2	45		138						37. PYRITE
15133	59	61	2	45		91						FRACTURED INTERVAL 37. PYRITE
15134	61	63	2	45		80						37. PYRITE, 17. QTZ-CARB VEINING.
15135	63	65	2	45		108						27. PYRITE, 17. CV
15136	65	67	2	45		177						" " " "
15137	67	69	2	45		91						" " " "
15138	69	71	2	45		99						" " " "
15139	71	77	6	20		125						" " " "
15140	77	81	4	15		177						" " " "
15141	81	83	2	45		433						27. PY, 17. MANDONNITE, 17. EPI
15142	83	85	2	20		102						27. PY; MINOR FAULT GORGE
15143	85	87	2	30		171						" "
15144	87	89	2	45		23						" " ; 27. CV
15145	89	91	2	45		74						ALT. VOLL. 27. PY; 30% CARB; EPI + CARB
15146	91	93	2	45		64						" " " " " " " "
15147	93	95	2	45		26						" " " " " " " "
15148	95	97	2	45		64						" " " " " " " "
15149	97	98.45	1.45	45		59						" " " " " " " "

APPENDIX II

DRILL SECTIONS (1:500 SCALE)

137+25E

137+50E

137+75E

92-1

Overburden

— El. 1150m.

15001

Bedding

02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17

Argillite, 5% py

15010

15018

EOH 94.47m.

— El. 1100m

0 10 20 METRES

Rio Algom Exploration Inc.

MAX CLAIMS

FIRE GRID
SECTION L189+00N

N.T.S. 93N-1E, 93K-16E

OMINECA MD., B.C.

DATE

MARCH 1992

DRAWN BY

W.S.D. / Chong

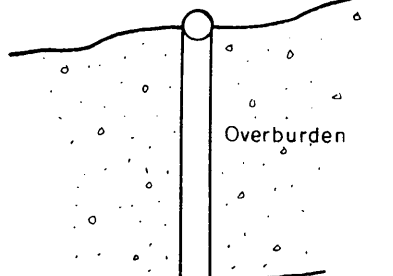
DWG.

3

136+75E 92-2

137+00E

137+25E



Overburden

15019

Bedding

El. 1150m.

20 Argillite , 5% py

21

22

23

24



25 Altered volcanic brecciated tuff ? , 3% py

26

27

28

29

15030

31

32

Plagioclase porphyry monzonite dyke , 2% py

33

34

35

36

37

El. 1100 m

38

Andesitic pyroxene - plagioclase tuff , 3% py

39

40

15040

41

42

43

44

45

46

47

48

49

15050

51

52

53

54

55

56



57

15057

EOH 121.92m.

0 10 20 METRES

Rio Algom Exploration Inc.

MAX CLAIMS

FIRE GRID SECTION L179+00N

N.T.S. 93N-1E, 93K-16E

OMINECA MD., B.C.

DATE

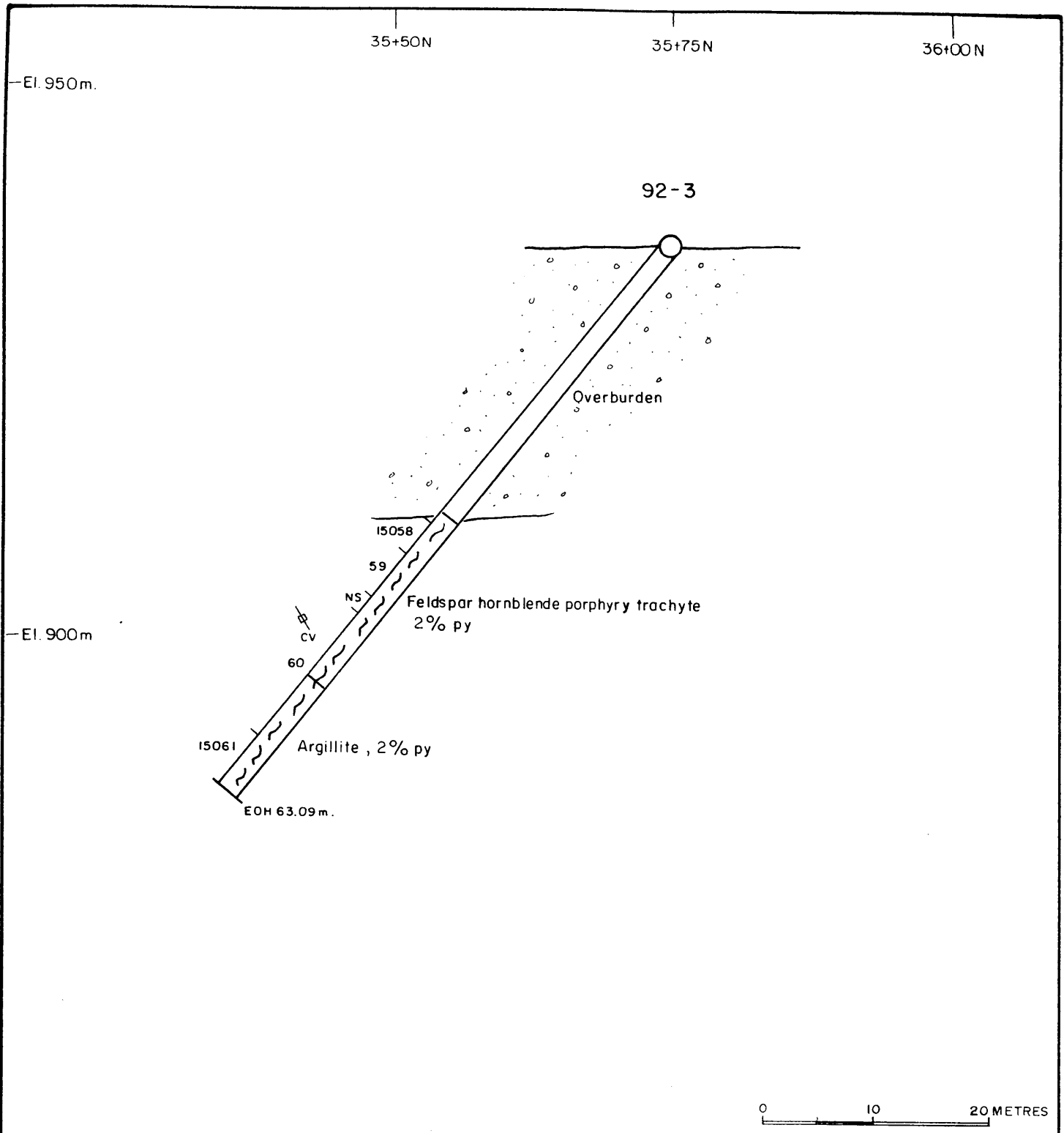
MARCH 1992

DRAWN BY

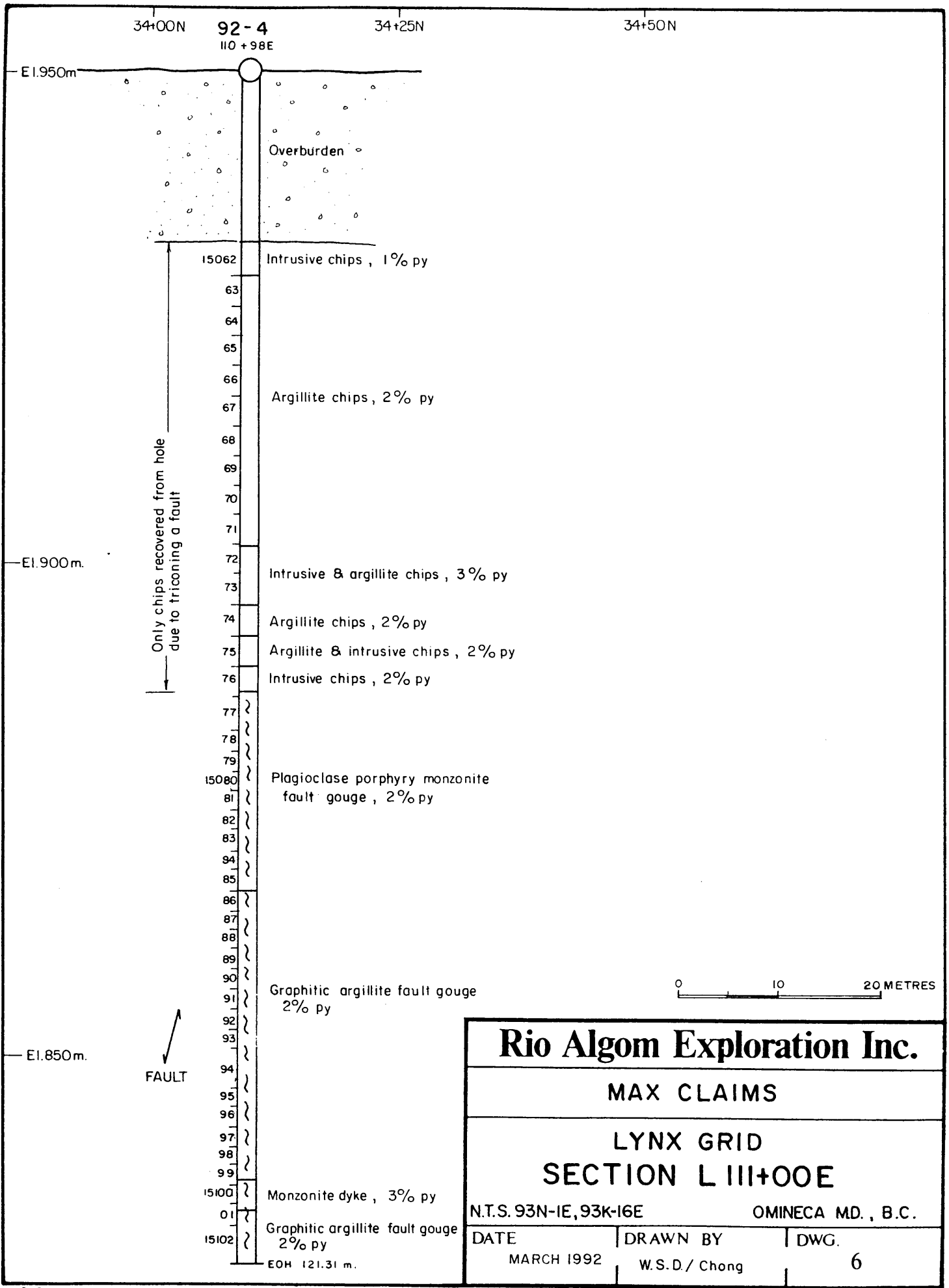
W.S.D. / Chong

DWG.

4



Rio Algom Exploration Inc.		
MAX CLAIMS		
LYNX GRID		
SECTION L115+00E		
N.T.S. 93N-1E, 93K-16E		OMINECA MD., B.C.
DATE	DRAWN BY	DWG.
MARCH 1992	W.S.D. / Chong	5



Rio Algom Exploration Inc.		
MAX CLAIMS		
LYNX GRID		
SECTION L III+00E		
N.T.S. 93N-IE, 93K-16E		OMINECA MD., B.C.
DATE	DRAWN BY	DWG.
MARCH 1992	W.S.D./ Chong	6

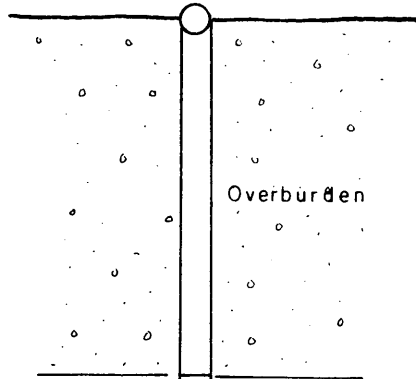
34+00N

34+25N

34+50N

El. 950m

92 - 5
106 + 70E



Overburden

15103 Siltstone , 2% py

NS

04 Plagioclase porphyry monzonite , 1% py

05

06

07 Plagioclase porphyry monzonite chips , 2% py

08

09 Argillite & intrusive chips , 2% py

15010

11

12 Intrusive & argillite chips , 2% py

NS

13

NS

14

NS

15 Argillite , 3% py

16

17

NS

18

19

20

15021

Potassic flooded monzonite
2% py

EOH 101.89 m.

Only chips recovered from
triconed core

El. 900m

El. 850m

0 10 20 METRES

Rio Algom Exploration Inc.

MAX CLAIMS

LYNX GRID
SECTION L107+00E

N.T.S. 93N-1E, 93K-16E

OMINECA MD., B.C.

DATE

MARCH 1992

DRAWN BY

W.S.D./ Chong

DWG.

7

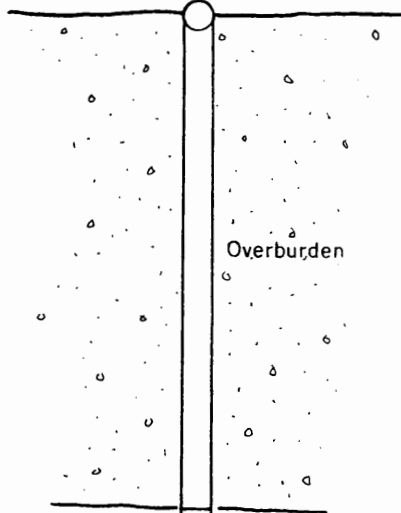
37+75 N

38+00 N

38+25 N

92 - 6

El. 1050m



Overburden

15122

23

24

25

26

27

28

29

15130

Silicified monzonite, 3% py

31

32

33

34

35

36

37

38

39

15140

41

42

43

44

45

46

Carbonate-altered volcanic flow, 2% py

47

48

15149

EOH 98.45m.

El. 1000m

El. 950m.

0 10 20 METRES

Rio Algom Exploration Inc.

MAX CLAIMS

**LYNX GRID
SECTION L103+00E**

N.T.S. 93N-1E, 93K-16E

OMINECA MD., B.C.

DATE

MARCH 1992

DRAWN BY

W.S.D. / Chong

DWG.

8

APPENDIX III
ANALYTICAL DATA



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: RIO ALGOM EXPLORATION INC.
P.O. BOX 10335, PACIFIC CENTRE
1650 - 609 GRANVILLE ST.
VANCOUVER, BC
V7Y 1G5

Page Number :1-A
Total Pages :1
Certificate Date: 19-MAR-92
Invoice No. :I9212188
P.O. Number :
Account :GZ

Project : 9021
Comments:

CERTIFICATE OF ANALYSIS A9212188

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
15002	205	294	10	< 0.2	2.13	10	90	< 0.5	< 2	3.91	1.0	15	41	86	4.31	< 10	< 1	0.23	10	1.28	540
15004	205	294	< 5	< 0.2	1.11	10	90	< 0.5	< 2	4.09	< 0.5	15	25	76	3.82	< 10	< 1	0.24	10	1.15	470
15006	205	294	< 5	< 0.2	2.35	10	100	< 0.5	< 2	2.94	1.0	17	40	83	4.41	< 10	< 1	0.26	10	1.46	495
15008	205	294	< 5	< 0.2	2.47	5	70	< 0.5	< 2	3.01	5.0	16	46	87	4.74	10	< 1	0.16	10	1.66	510
15010	205	294	< 5	< 0.2	2.20	20	130	< 0.5	< 2	3.14	2.5	17	32	87	4.12	< 10	< 1	0.36	10	1.21	490
15012	205	294	35	< 0.2	2.25	20	120	< 0.5	< 2	3.94	3.0	14	36	83	3.96	< 10	< 1	0.32	10	1.15	540
15014	205	294	20	< 0.2	1.22	20	130	< 0.5	< 2	3.30	1.0	15	20	95	3.88	< 10	< 1	0.43	10	0.93	440
15016	205	294	50	0.2	1.82	5	150	< 0.5	< 2	4.17	0.5	16	55	66	4.43	10	1	0.58	10	1.58	770
15018	205	294	10	< 0.2	2.07	30	110	< 0.5	< 2	3.81	< 0.5	16	52	70	4.10	< 10	< 1	0.25	10	1.14	550

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: RIO ALGOM EXPLORATION INC.
 P.O. BOX 10335, PACIFIC CENTRE
 1650 - 609 GRANVILLE ST.
 VANCOUVER, BC
 V7Y 1G5

Page Number :1-B
 Total Pages :1
 Certificate Date: 19-MAR-92
 Invoice No. :19212188
 P.O. Number :
 Account :GZ

Project : 9021
 Comments:

CERTIFICATE OF ANALYSIS A9212188

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
15002	205	294	4	0.03	33	1040	6	< 5	4	141	< 0.01	< 10	< 10	41	< 10	114
15004	205	294	3	0.03	25	840	2	5	5	171	< 0.01	< 10	< 10	22	< 10	82
15006	205	294	2	0.03	31	880	8	< 5	5	106	< 0.01	< 10	< 10	51	< 10	162
15008	205	294	1	0.02	31	1080	16	< 5	5	110	< 0.01	< 10	< 10	44	< 10	162
15010	205	294	2	0.02	24	1060	10	< 5	4	117	< 0.01	< 10	< 10	37	< 10	160
15012	205	294	2	0.02	24	960	12	< 5	4	203	< 0.01	< 10	< 10	45	< 10	174
15014	205	294	1	0.02	21	880	8	< 5	4	229	< 0.01	< 10	< 10	22	< 10	136
15016	205	294	1	0.04	19	1400	8	< 5	12	454	0.02	< 10	< 10	105	< 10	74
15018	205	294	1	0.03	22	820	4	< 5	6	327	< 0.01	< 10	< 10	57	< 10	94

CERTIFICATION: *Thai D Ma*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: RIO ALGOM EXPLORATION INC.
 P.O. BOX 10335, PACIFIC CENTRE
 1650 - 609 GRANVILLE ST.
 VANCOUVER, BC
 V7Y 1G5

Page Number : 1-A
 Total Pages : 1
 Certificate Date: 19-MAR-92
 Invoice No. : 19212265
 P.O. Number :
 Account : GZ

Project : 9021
 Comments : CC: JACK MCLINTOCK

CERTIFICATE OF ANALYSIS A9212265

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
15019	205	294	< 5	< 0.2	1.59	30	80	< 0.5	2	3.97	1.0	17	32	136	3.88	< 10	< 1	0.30	10	1.41	700
15020	205	294	10	0.2	2.06	30	120	< 0.5	< 2	2.46	1.0	19	38	107	4.52	< 10	< 1	0.44	10	1.16	580
15021	205	294	20	< 0.2	3.23	20	180	< 0.5	< 2	3.57	0.5	18	47	100	4.76	< 10	< 1	0.35	10	1.56	725
15022	205	294	< 5	< 0.2	3.49	5	30	< 0.5	< 2	5.36	< 0.5	26	178	96	5.19	< 10	< 1	0.14	10	3.88	1055
15023	205	294	< 5	< 0.2	3.60	10	40	< 0.5	< 2	5.30	< 0.5	27	204	104	5.53	< 10	< 1	0.17	10	4.18	1050
15024	205	294	< 5	< 0.2	2.90	< 5	20	< 0.5	10	2.83	< 0.5	27	136	127	4.70	< 10	< 1	0.13	< 10	3.03	715
15025	205	294	< 5	< 0.2	2.20	5	30	< 0.5	< 2	4.52	0.5	14	60	98	4.17	< 10	< 1	0.22	10	1.77	805
15026	205	294	< 5	< 0.2	3.08	< 5	30	< 0.5	< 2	4.69	< 0.5	26	204	93	4.88	< 10	< 1	0.09	10	3.59	1000
15027	205	294	< 5	< 0.2	3.13	15	30	< 0.5	4	5.27	< 0.5	28	170	83	5.72	< 10	< 1	0.12	10	4.06	1025
15028	205	294	< 5	< 0.2	2.72	5	40	< 0.5	< 2	5.81	< 0.5	35	157	161	6.09	< 10	< 1	0.13	10	4.13	1370
15029	205	294	< 5	< 0.2	1.96	< 5	80	< 0.5	< 2	7.92	< 0.5	27	181	212	5.46	< 10	< 1	0.27	10	3.58	1720
15030	205	294	< 5	< 0.2	2.41	< 5	80	< 0.5	< 2	5.99	< 0.5	23	70	150	5.39	< 10	< 1	0.37	10	2.77	1070
15031	205	294	< 5	< 0.2	2.75	5	70	< 0.5	< 2	4.26	< 0.5	23	55	119	5.49	< 10	< 1	0.20	10	2.24	1145
15032	205	294	< 5	< 0.2	2.39	5	60	< 0.5	< 2	4.80	< 0.5	22	28	133	5.67	< 10	< 1	0.24	10	1.92	1160
15033	205	294	< 5	< 0.2	2.81	10	50	< 0.5	< 2	6.22	< 0.5	23	37	90	5.15	< 10	< 1	0.37	10	2.32	975
15034	205	294	< 5	< 0.2	2.62	< 5	40	< 0.5	< 2	4.01	< 0.5	21	32	104	4.84	< 10	< 1	0.25	10	2.20	840
15035	205	294	< 5	< 0.2	2.66	5	70	< 0.5	< 2	3.38	< 0.5	25	29	93	4.88	< 10	< 1	0.12	< 10	2.37	795
15036	205	294	< 5	< 0.2	2.88	5	50	< 0.5	< 2	6.85	< 0.5	20	39	89	4.79	< 10	< 1	0.38	10	2.46	1070
15037	205	294	< 5	< 0.2	2.45	< 5	40	< 0.5	< 2	4.85	< 0.5	20	50	151	4.60	< 10	< 1	0.23	10	2.06	785
15038	205	294	< 5	0.2	2.32	5	20	< 0.5	8	4.39	< 0.5	23	34	114	4.32	< 10	< 1	0.06	10	1.93	850
15039	205	294	< 5	< 0.2	2.37	5	40	< 0.5	< 2	4.42	< 0.5	17	21	103	4.07	< 10	< 1	0.38	10	1.70	845
15040	205	294	< 5	< 0.2	2.61	5	30	< 0.5	8	5.09	< 0.5	22	34	118	5.17	< 10	< 1	0.36	10	2.49	1010
15041	205	294	< 5	< 0.2	2.60	5	30	< 0.5	< 2	5.23	< 0.5	22	27	78	4.89	< 10	< 1	0.41	10	2.32	985
15042	205	294	< 5	< 0.2	2.95	10	250	< 0.5	8	4.71	< 0.5	25	66	95	4.68	< 10	< 1	0.20	10	2.69	955
15043	205	294	< 5	< 0.2	3.27	10	110	< 0.5	< 2	6.34	< 0.5	23	70	103	5.16	< 10	< 1	0.36	10	2.66	1070
15044	205	294	< 5	< 0.2	2.47	5	50	< 0.5	< 2	5.37	< 0.5	18	45	118	4.53	< 10	< 1	0.21	10	1.99	845
15045	205	294	< 5	< 0.2	2.75	< 5	30	< 0.5	< 2	3.51	< 0.5	23	77	156	3.96	< 10	< 1	0.06	< 10	2.28	685
15046	205	294	< 5	< 0.2	3.09	< 5	30	< 0.5	4	4.49	< 0.5	23	51	134	4.15	< 10	< 1	0.06	10	2.19	695
15047	205	294	< 5	< 0.2	2.82	< 5	90	< 0.5	4	2.94	< 0.5	19	35	126	3.81	< 10	< 1	0.08	< 10	1.91	655
15048	205	294	< 5	< 0.2	2.24	< 5	30	< 0.5	< 2	2.35	< 0.5	20	45	166	3.24	< 10	< 1	0.05	< 10	1.77	505
15049	205	294	< 5	< 0.2	2.15	< 5	20	< 0.5	8	2.55	< 0.5	9	44	91	2.70	< 10	< 1	0.04	< 10	1.48	435
15050	205	294	< 5	< 0.2	2.27	< 5	30	< 0.5	4	2.42	< 0.5	19	46	139	3.24	< 10	< 1	0.05	< 10	1.80	480
15051	205	294	< 5	< 0.2	2.54	< 5	50	< 0.5	2	2.56	< 0.5	18	35	134	3.52	< 10	< 1	0.06	< 10	1.85	535
15052	205	294	< 5	< 0.2	2.27	5	30	< 0.5	< 2	2.47	< 0.5	19	42	126	3.04	< 10	< 1	0.06	< 10	1.58	480
15053	205	294	< 5	< 0.2	2.61	5	30	< 0.5	< 2	2.81	< 0.5	16	50	119	3.44	< 10	< 1	0.07	< 10	1.91	535
15054	205	294	< 5	< 0.2	2.69	5	70	< 0.5	< 2	3.02	< 0.5	18	60	146	3.50	< 10	< 1	0.09	< 10	2.11	560
15055	205	294	< 5	< 0.2	2.93	5	80	< 0.5	4	5.22	< 0.5	25	97	155	4.32	< 10	< 1	0.19	10	2.69	855
15056	205	294	< 5	< 0.2	2.84	5	90	< 0.5	< 2	3.88	< 0.5	21	74	160	4.61	< 10	< 1	0.20	10	2.45	775
15057	205	294	< 5	< 0.2	3.04	5	190	< 0.5	< 2	4.66	< 0.5	23	75	152	5.26	< 10	< 1	0.35	10	2.56	965

CERTIFICATION: *Jhai D Ma*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: RIO ALGOM EXPLORATION INC.
 P.O. BOX 10335, PACIFIC CENTRE
 1650 - 609 GRANVILLE ST.
 VANCOUVER, BC
 V7Y 1G5

Page Number :1-B
 Total Pages :1
 Certificate Date: 19-MAR-92
 Invoice No. :19212265
 P.O. Number :
 Account :GZ

Project : 9021
 Comments: CC: JACK MCLINTOCK

CERTIFICATE OF ANALYSIS A9212265

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
15019	205 294	2	0.06	21	1610	6	5	6	341	< 0.01	< 10	< 10	58	< 10	152
15020	205 294	3	0.05	23	1470	16	5	6	156	< 0.01	< 10	< 10	79	< 10	134
15021	205 294	1	0.04	26	1000	12	< 5	7	166	0.06	< 10	< 10	109	< 10	140
15022	205 294	< 1	0.05	57	1190	2	< 5	15	202	0.20	< 10	< 10	192	< 10	74
15023	205 294	1	0.05	69	1200	< 2	< 5	16	240	0.24	< 10	< 10	197	< 10	84
15024	205 294	1	0.07	65	1230	< 2	< 5	8	99	0.33	< 10	< 10	163	< 10	66
15025	205 294	1	0.06	20	1400	6	< 5	8	120	0.23	< 10	< 10	125	< 10	74
15026	205 294	< 1	0.06	58	1030	< 2	< 5	15	180	0.25	< 10	< 10	189	< 10	78
15027	205 294	< 1	0.06	48	1000	2	< 5	22	200	0.02	< 10	< 10	201	< 10	72
15028	205 294	< 1	0.04	52	810	< 2	< 5	19	221	0.11	< 10	< 10	162	< 10	68
15029	205 294	< 1	0.03	76	690	2	< 5	18	239	0.01	< 10	< 10	93	< 10	50
15030	205 294	2	0.05	26	1040	< 2	< 5	14	202	0.05	< 10	< 10	126	< 10	50
15031	205 294	2	0.12	16	1560	< 2	< 5	11	158	0.33	< 10	< 10	195	< 10	78
15032	205 294	2	0.10	8	1620	2	5	11	115	0.27	< 10	< 10	195	< 10	78
15033	205 294	9	0.05	14	980	2	< 5	15	186	0.12	< 10	< 10	149	< 10	56
15034	205 294	1	0.08	10	990	< 2	< 5	11	183	0.31	< 10	< 10	168	< 10	70
15035	205 294	6	0.13	10	1070	< 2	< 5	12	245	0.43	< 10	< 10	191	< 10	64
15036	205 294	22	0.05	15	980	2	< 5	15	227	0.05	< 10	< 10	132	< 10	56
15037	205 294	6	0.07	20	1130	2	< 5	12	156	0.22	< 10	< 10	157	< 10	60
15038	205 294	9	0.10	11	1100	< 2	< 5	10	216	0.33	< 10	< 10	157	< 10	60
15039	205 294	8	0.05	7	1430	2	< 5	7	148	0.06	< 10	< 10	90	< 10	56
15040	205 294	10	0.06	14	1110	6	< 5	16	154	0.08	< 10	< 10	154	< 10	98
15041	205 294	8	0.05	13	940	< 2	< 5	16	156	0.07	< 10	< 10	152	< 10	82
15042	205 294	7	0.06	28	1150	2	< 5	13	257	0.27	< 10	< 10	156	< 10	78
15043	205 294	3	0.03	26	1290	4	< 5	14	170	0.02	< 10	< 10	166	< 10	80
15044	205 294	< 1	0.07	15	1430	< 2	< 5	14	252	0.29	< 10	< 10	182	< 10	82
15045	205 294	< 1	0.08	24	1240	< 2	< 5	13	331	0.34	< 10	< 10	173	< 10	62
15046	205 294	1	0.07	16	1270	< 2	< 5	10	311	0.34	< 10	< 10	171	< 10	58
15047	205 294	< 1	0.09	10	1470	< 2	< 5	9	136	0.31	< 10	< 10	178	< 10	56
15048	205 294	< 1	0.08	14	1600	< 2	< 5	7	168	0.28	< 10	< 10	132	< 10	54
15049	205 294	1	0.08	11	1330	4	< 5	7	191	0.27	< 10	< 10	117	< 10	44
15050	205 294	1	0.10	16	1340	2	< 5	8	162	0.30	< 10	< 10	133	< 10	46
15051	205 294	< 1	0.10	11	1430	2	< 5	8	181	0.32	< 10	< 10	152	< 10	48
15052	205 294	< 1	0.11	11	1500	< 2	< 5	8	178	0.33	< 10	< 10	146	< 10	44
15053	205 294	< 1	0.11	15	1320	< 2	< 5	10	145	0.33	< 10	< 10	160	< 10	46
15054	205 294	1	0.08	18	1380	< 2	< 5	11	177	0.30	< 10	< 10	161	< 10	52
15055	205 294	< 1	0.04	22	1300	< 2	< 5	21	236	0.20	< 10	< 10	170	< 10	58
15056	205 294	< 1	0.09	24	1190	< 2	< 5	16	170	0.27	< 10	< 10	201	< 10	68
15057	205 294	< 1	0.08	24	1160	< 2	< 5	19	129	0.22	< 10	< 10	211	< 10	68

CERTIFICATION:

Jhai D Ma



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: RIO ALGOM EXPLORATION INC.
P.O. BOX 10335, PACIFIC CENTRE
1650 - 609 GRANVILLE ST.
VANCOUVER, BC
V7Y 1G5

Page Number : 1-A
Total Pages : 1
Certificate Date: 22-MAR-92
Invoice No. : 19212364
P.O. Number : NONE
Account : GZ

Project : 9021
Comments: CC: JACK MCLINTOCK

CERTIFICATE OF ANALYSIS A9212364

SAMPLE	PREP		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
15058	205	294	< 5	0.2	0.76	10	490	< 0.5	< 2	2.06	< 0.5	13	79	97	2.68	< 10	< 1	0.27	10	1.49	1070
15059	205	294	< 5	0.4	0.54	5	450	< 0.5	< 2	3.75	0.5	14	58	148	3.42	< 10	< 1	0.26	10	2.09	1795
15060	205	294	< 5	0.2	0.75	5	320	< 0.5	< 2	1.04	< 0.5	11	116	86	2.05	< 10	< 1	0.34	10	1.13	1095
15061	205	294	< 5	0.4	0.71	40	470	< 0.5	< 2	0.69	< 0.5	12	67	334	3.06	< 10	< 1	0.31	< 10	1.00	1360

CERTIFICATION:

Phai D Ma



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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P.O. BOX 10335, PACIFIC CENTRE
1650 - 609 GRANVILLE ST.
VANCOUVER, BC
V7Y 1G5

Page Number :1-B
Total Pages :1
Certificate Date: 22-MAR-92
Invoice No. :I9212364
P.O. Number :NONE
Account :GZ

Project : 9021
Comments: CC: JACK MCLINTOCK

CERTIFICATE OF ANALYSIS

A9212364

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
15058	205	294	5	0.04	42	590	< 2	< 5	6	132	0.01	< 10	< 10	52	< 10	50
15059	205	294	1	0.04	36	730	2	< 5	6	284	< 0.01	< 10	< 10	42	< 10	70
15060	205	294	8	0.03	114	210	< 2	< 5	5	87	0.01	< 10	< 10	38	< 10	104
15061	205	294	4	0.02	151	250	4	5	4	79	0.01	< 10	< 10	33	600	312

CERTIFICATION: *Yhai J Ma*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: RIO ALGOM EXPLORATION INC.
 P.O. BOX 10335, PACIFIC CENTRE
 1650 - 609 GRANVILLE ST.
 VANCOUVER, BC
 V7Y 1G5

Page Number : 1-A
 Total Pages : 1
 Certificate Date: 25-MAR-92
 Invoice No. : 19212500
 P.O. Number :
 Account : GZ

Project : 9021
 Comments : CC: JACK MCLINTOCK

CERTIFICATE OF ANALYSIS A9212500

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
15062	205	294	< 5	< 0.2	0.61	35	290	< 0.5	2	1.53	< 0.5	22	146	307	3.81	< 10	< 1	0.21	10	1.09	1550
15063	205	294	< 5	< 0.2	1.55	10	370	0.5	4	0.79	< 0.5	11	125	80	2.27	< 10	< 1	0.69	10	1.30	875
15064	205	294	< 5	< 0.2	1.32	10	420	0.5	4	1.16	< 0.5	10	92	93	2.38	< 10	< 1	0.48	10	1.26	730
15065	205	294	< 5	0.2	2.07	< 5	300	0.5	2	0.46	< 0.5	10	175	81	2.43	10	< 1	0.96	10	1.51	680
15066	205	294	< 5	0.4	1.91	10	360	0.5	2	0.67	< 0.5	11	142	79	2.39	10	< 1	0.79	10	1.43	775
15067	205	294	< 5	0.2	1.59	35	450	< 0.5	2	0.89	< 0.5	11	136	84	2.34	< 10	< 1	0.63	10	1.35	870
15068	205	294	< 5	< 0.2	1.56	< 5	360	0.5	2	0.96	< 0.5	11	130	76	2.12	< 10	< 1	0.59	10	1.37	1025
15069	205	294	< 5	0.2	1.65	40	430	0.5	2	0.90	< 0.5	10	122	85	2.36	10	< 1	0.72	10	1.27	840
15070	205	294	< 5	0.4	1.68	35	340	0.5	< 2	0.80	< 0.5	10	137	92	2.67	10	< 1	0.74	10	1.33	780
15071	205	294	< 5	0.2	1.58	35	250	0.5	4	0.62	< 0.5	12	128	89	2.64	10	< 1	0.71	10	1.30	975
15072	205	294	< 5	0.2	1.47	5	240	< 0.5	2	1.09	< 0.5	12	139	201	2.50	10	< 1	0.51	10	1.37	740
15073	205	294	< 5	< 0.2	1.61	5	230	< 0.5	< 2	0.84	< 0.5	14	142	230	2.59	10	< 1	0.61	10	1.42	805
15074	205	294	< 5	< 0.2	1.50	15	260	0.5	4	1.17	< 0.5	10	126	102	2.26	10	< 1	0.70	10	1.37	890
15075	205	294	< 5	< 0.2	1.35	10	200	< 0.5	2	1.11	< 0.5	12	110	95	2.41	10	< 1	0.64	10	1.30	820
15076	205	294	< 5	< 0.2	0.99	15	160	< 0.5	2	1.39	< 0.5	11	104	86	2.52	< 10	< 1	0.43	10	1.21	1165
15078	205	294	< 5	< 0.2	0.71	70	1300	< 0.5	2	1.87	< 0.5	11	43	69	2.06	< 10	< 1	0.20	< 10	1.33	890
15080	205	294	< 5	0.2	0.57	40	960	< 0.5	2	2.09	< 0.5	12	71	89	2.15	< 10	< 1	0.26	< 10	1.28	1315
15082	205	294	< 5	< 0.2	0.50	15	500	< 0.5	< 2	2.57	< 0.5	14	34	151	3.15	< 10	< 1	0.23	< 10	1.45	1540
15084	205	294	< 5	0.8	0.56	55	200	< 0.5	< 2	1.50	4.5	12	71	99	2.23	< 10	1	0.27	< 10	0.84	715
15086	205	294	< 5	1.8	0.64	45	240	< 0.5	< 2	1.35	4.0	11	81	98	2.76	< 10	< 1	0.28	< 10	0.77	495
15088	205	294	< 5	0.8	0.84	15	510	< 0.5	< 2	1.07	3.5	11	92	75	2.61	< 10	< 1	0.33	10	1.26	760
15090	205	294	< 5	0.8	0.83	5	670	< 0.5	< 2	1.01	< 0.5	13	77	84	2.69	< 10	< 1	0.39	10	1.39	1760
15092	205	294	< 5	1.4	1.24	20	340	< 0.5	< 2	0.66	4.5	8	73	75	2.81	< 10	< 1	0.52	10	0.84	395
15094	205	294	< 5	1.8	0.87	45	190	< 0.5	< 2	2.27	6.5	11	118	101	2.77	< 10	< 1	0.34	< 10	1.27	510
15096	205	294	< 5	0.4	0.59	45	330	< 0.5	2	2.42	3.0	12	80	106	2.71	< 10	< 1	0.26	< 10	1.26	515
15098	205	294	< 5	1.0	0.52	25	460	< 0.5	2	3.41	0.5	9	92	70	2.29	< 10	< 1	0.19	< 10	1.86	710
15100	205	294	< 5	0.2	0.50	25	590	< 0.5	6	2.93	< 0.5	11	89	95	2.42	< 10	< 1	0.23	< 10	1.97	2030
15102	205	294	< 5	0.8	0.92	30	660	0.5	2	0.88	< 0.5	13	92	88	2.66	< 10	< 1	0.30	10	1.33	1305

CERTIFICATION:

Jhai D Ma



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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Page Number : 1-B
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Project : 9021
 Comments : CC: JACK MCLINTOCK

CERTIFICATE OF ANALYSIS

A9212500

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
15062	205 294	5	0.01	80	420	54	< 5	4	167	< 0.01	10	< 10	17	300	164
15063	205 294	4	0.01	74	340	12	< 5	6	83	0.04	10	< 10	47	< 10	106
15064	205 294	4	0.02	88	310	18	< 5	5	114	0.01	10	< 10	41	< 10	122
15065	205 294	6	0.03	101	290	8	< 5	8	63	0.07	10	< 10	79	< 10	104
15066	205 294	5	0.02	96	330	8	< 5	7	81	0.05	10	< 10	69	< 10	102
15067	205 294	4	0.02	111	280	4	< 5	7	119	0.03	10	< 10	57	< 10	122
15068	205 294	4	0.02	64	260	4	< 5	6	85	0.04	10	< 10	48	< 10	78
15069	205 294	4	0.02	111	270	10	< 5	6	125	0.03	10	< 10	59	< 10	122
15070	205 294	9	0.03	114	360	4	< 5	7	95	0.05	10	< 10	71	< 10	110
15071	205 294	10	0.02	133	280	6	< 5	6	80	0.04	10	< 10	56	< 10	114
15072	205 294	5	0.02	104	400	8	< 5	6	86	0.03	10	< 10	63	100	176
15073	205 294	4	0.02	114	410	2	< 5	6	78	0.04	10	< 10	69	200	200
15074	205 294	4	0.03	62	340	8	< 5	6	112	0.06	10	< 10	56	< 10	94
15075	205 294	4	0.03	60	370	6	< 5	6	125	0.06	10	< 10	54	< 10	78
15076	205 294	3	0.03	51	340	2	< 5	6	140	0.02	10	< 10	48	< 10	64
15078	205 294	2	0.01	61	310	4	< 5	4	252	< 0.01	10	< 10	17	< 10	66
15080	205 294	2	0.01	38	360	8	< 5	5	250	< 0.01	20	< 10	16	< 10	62
15082	205 294	4	0.01	33	1020	6	< 5	6	297	< 0.01	20	< 10	19	< 10	68
15084	205 294	28	0.01	81	390	10	< 5	4	256	< 0.01	20	< 10	46	< 10	360
15086	205 294	24	0.02	81	620	14	< 5	4	227	< 0.01	10	< 10	40	< 10	320
15088	205 294	21	0.01	52	310	18	< 5	5	151	< 0.01	10	< 10	49	< 10	330
15090	205 294	2	0.02	72	250	16	< 5	5	152	< 0.01	10	< 10	22	10	154
15092	205 294	24	0.02	58	750	6	< 5	5	163	< 0.01	10	< 10	56	< 10	318
15094	205 294	39	0.02	87	910	12	5	6	241	< 0.01	20	< 10	69	< 10	392
15096	205 294	38	0.02	70	1180	6	< 5	6	298	< 0.01	10	< 10	57	< 10	242
15098	205 294	7	0.01	61	1530	12	< 5	4	368	< 0.01	10	< 10	17	< 10	144
15100	205 294	5	0.01	60	200	12	5	4	275	< 0.01	10	< 10	22	< 10	86
15102	205 294	< 1	0.01	106	200	14	< 5	5	186	< 0.01	10	< 10	18	10	152

CERTIFICATION:

Yhai D Ma



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: RIO ALGOM EXPLORATION INC.
 P.O. BOX 10335, PACIFIC CENTRE
 1650 - 609 GRANVILLE ST.
 VANCOUVER, BC
 V7Y 1G5

Page Number :1-A
 Total Pages :1
 Certificate Date: 02-APR-92
 Invoice No. :I9212668
 P.O. Number :
 Account :GZ

Project : 9021
 Comments: CC: JACK McLINTOCK

CERTIFICATE OF ANALYSIS A9212668

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
15103	205	294	< 5	0.6	1.24	15	290	0.5	< 2	4.31	< 0.5	15	32	69	3.83	< 10	< 1	0.22	10	1.43	1675
15104	205	294	< 5	0.2	1.58	5	180	0.5	< 2	3.89	< 0.5	20	21	165	4.96	< 10	< 1	0.28	10	1.79	1190
15105	205	294	< 5	< 0.2	1.33	< 5	250	< 0.5	< 2	3.73	0.5	18	31	126	4.47	< 10	< 1	0.22	10	1.60	1700
15106	205	294	< 5	< 0.2	0.87	25	360	0.5	< 2	1.53	< 0.5	20	44	201	3.05	< 10	< 1	0.21	10	0.68	1445
15107	205	294	< 5	< 0.2	0.59	20	240	< 0.5	< 2	1.21	< 0.5	14	45	86	2.97	< 10	< 1	0.20	10	0.66	1240
15108	205	294	< 5	< 0.2	0.88	20	220	< 0.5	< 2	2.11	0.5	17	34	99	3.99	< 10	< 1	0.24	< 10	0.94	1665
15109	205	294	< 5	< 0.2	1.85	15	450	< 0.5	< 2	2.28	< 0.5	14	37	87	3.70	< 10	< 1	0.16	10	1.88	1295
15110	205	294	< 5	< 0.2	1.55	20	300	0.5	< 2	3.91	< 0.5	17	38	100	4.10	< 10	< 1	0.23	10	1.44	1370
15111	205	294	< 5	0.2	1.62	35	420	0.5	< 2	2.41	< 0.5	12	39	97	3.48	< 10	< 1	0.33	10	1.57	2650
15112	205	294	< 5	0.2	1.03	35	760	< 0.5	< 2	1.98	< 0.5	11	45	80	2.95	< 10	< 1	0.22	< 10	1.21	1600
15113	205	294	< 5	0.4	1.03	35	420	< 0.5	< 2	2.67	1.5	10	41	83	2.84	< 10	< 1	0.23	10	1.17	2060
15114	205	294	< 5	0.6	0.84	45	510	< 0.5	< 2	1.96	1.5	11	45	89	2.77	< 10	< 1	0.23	< 10	1.34	2100
15115	205	294	< 5	0.4	0.86	30	890	0.5	< 2	1.74	< 0.5	7	50	57	1.93	< 10	< 1	0.24	10	1.27	725
15116	205	294	< 5	0.6	0.95	30	650	0.5	< 2	2.13	0.5	8	72	69	2.11	< 10	< 1	0.21	< 10	1.37	1165
15117	205	294	< 5	0.2	1.20	40	680	< 0.5	< 2	2.44	< 0.5	13	55	104	3.15	< 10	< 1	0.22	10	1.62	3680
15118	205	294	< 5	0.4	0.62	20	540	< 0.5	< 2	2.67	1.0	10	49	90	2.57	< 10	< 1	0.20	10	1.32	3440
15119	205	294	< 5	< 0.2	2.50	10	140	< 0.5	< 2	9.16	< 0.5	22	141	63	4.65	< 10	< 1	0.14	10	2.66	925
15120	205	294	< 5	< 0.2	1.95	10	270	0.5	< 2	4.45	< 0.5	15	65	80	3.74	< 10	< 1	0.24	10	1.75	880
15121	205	294	< 5	< 0.2	1.93	15	90	0.5	< 2	3.53	< 0.5	13	61	110	3.78	< 10	< 1	0.20	10	1.40	590

CERTIFICATION:

Phai D Ma



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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 PHONE: 604-984-0221

To: RIO ALGOM EXPLORATION INC.
 P.O. BOX 10336, PACIFIC CENTRE
 1660 - 609 GRANVILLE ST.
 VANCOUVER, BC
 V7Y 1G5

Page Number : 1-B
 Total Pages : 1
 Certificate Date: 02-APR-92
 Invoice No. : 19212668
 P.O. Number :
 Account : GZ

Project : 9021
 Comments : CC: JACK McLINTOCK

CERTIFICATE OF ANALYSIS A9212668

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
15103	205	294	< 1	0.03	22	750	10	5	8	185	< 0.01	< 10	< 10	54	< 10	92
15104	205	294	< 1	0.03	8	1850	8	< 5	9	299	0.01	< 10	< 10	106	< 10	82
15105	205	294	< 1	0.04	18	1240	14	5	6	240	< 0.01	< 10	< 10	75	< 10	94
15106	205	294	1	0.01	91	380	26	< 5	2	85	< 0.01	< 10	< 10	22	350	180
15107	205	294	4	0.02	39	440	32	< 5	2	99	< 0.01	< 10	< 10	22	< 10	132
15108	205	294	3	0.02	44	560	18	< 5	4	151	< 0.01	< 10	< 10	39	< 10	148
15109	205	294	< 1	0.02	25	590	18	< 5	6	164	< 0.01	< 10	< 10	73	< 10	90
15110	205	294	3	0.02	38	640	20	< 5	5	164	< 0.01	< 10	< 10	55	< 10	108
15111	205	294	< 1	0.02	40	490	20	< 5	6	146	< 0.01	< 10	< 10	47	< 10	114
15112	205	294	1	0.01	38	360	12	< 5	5	168	< 0.01	< 10	< 10	41	< 10	126
15113	205	294	14	0.01	57	340	18	< 5	4	201	< 0.01	< 10	< 10	46	< 10	244
15114	205	294	7	0.01	48	320	10	5	5	152	< 0.01	< 10	< 10	46	< 10	258
15115	205	294	< 1	0.01	42	320	6	< 5	4	149	< 0.01	< 10	< 10	25	< 10	120
15116	205	294	1	0.01	45	610	6	5	4	200	< 0.01	< 10	< 10	30	< 10	122
15117	205	294	4	0.01	63	420	20	5	5	200	< 0.01	< 10	< 10	50	< 10	194
15118	205	294	8	0.01	72	310	16	15	4	192	< 0.01	< 10	< 10	31	< 10	214
15119	205	294	< 1	0.04	70	550	4	< 5	17	243	0.01	< 10	< 10	141	< 10	56
15120	205	294	< 1	0.03	39	780	12	5	8	285	< 0.01	< 10	< 10	94	< 10	100
15121	205	294	< 1	0.04	25	1190	< 2	10	6	254	0.02	< 10	< 10	128	< 10	46

CERTIFICATION:

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 P.O. BOX 10335, PACIFIC CENTRE
 1650 - 609 GRANVILLE ST.
 VANCOUVER, BC
 V7Y 1G5

Page Number :1-A
 Total Pages :1
 Certificate Date: 03-APR-92
 Invoice No. :19212718
 P.O. Number :
 Account :GZ

Project : 9021
 Comments: CC: JACK McCLINTOCK

CERTIFICATE OF ANALYSIS A9212718

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
15122	205	294	25	< 0.2	1.54	35	70	< 0.5	< 2	1.23	< 0.5	10	76	66	2.72	< 10	< 1	0.13	10	0.87	485
15123	205	294	< 5	< 0.2	1.49	165	30	< 0.5	< 2	1.28	< 0.5	10	93	69	3.43	< 10	< 1	0.12	< 10	1.01	300
15124	205	294	< 5	< 0.2	1.43	45	30	< 0.5	< 2	1.51	< 0.5	9	74	55	3.05	< 10	< 1	0.10	< 10	0.94	255
15125	205	294	< 5	< 0.2	1.78	55	30	< 0.5	< 2	0.97	< 0.5	12	74	65	4.21	< 10	< 1	0.13	< 10	1.30	290
15126	205	294	< 5	< 0.2	1.85	90	30	< 0.5	< 2	1.32	< 0.5	10	83	61	4.13	< 10	< 1	0.20	< 10	1.29	295
15127	205	294	25	< 0.2	1.96	140	30	< 0.5	2	1.08	< 0.5	12	80	68	4.56	< 10	< 1	0.13	< 10	1.52	380
15128	205	294	< 5	< 0.2	2.61	35	50	< 0.5	< 2	2.71	< 0.5	21	137	80	4.79	< 10	< 1	0.17	10	2.27	750
15129	205	294	30	< 0.2	2.32	25	80	0.5	< 2	2.66	< 0.5	13	67	104	4.01	< 10	< 1	0.23	10	1.68	615
15130	205	294	< 5	< 0.2	2.52	40	60	< 0.5	< 2	2.52	< 0.5	15	89	122	4.46	< 10	< 1	0.18	10	2.03	605
15131	205	294	< 5	< 0.2	2.56	30	180	< 0.5	< 2	2.08	< 0.5	14	69	81	4.04	< 10	< 1	0.29	10	2.00	620
15132	205	294	< 5	< 0.2	2.55	30	180	< 0.5	< 2	1.18	< 0.5	17	62	138	4.38	< 10	< 1	0.24	10	2.24	410
15133	205	294	< 5	< 0.2	2.36	15	100	< 0.5	< 2	2.02	0.5	14	69	91	4.27	< 10	< 1	0.14	10	2.02	650
15134	205	294	< 5	< 0.2	1.96	205	90	< 0.5	< 2	1.93	< 0.5	13	56	80	3.65	< 10	< 1	0.16	10	1.47	605
15135	205	294	< 5	< 0.2	1.54	10	120	< 0.5	< 2	1.22	< 0.5	13	63	108	3.19	< 10	< 1	0.22	10	1.10	465
15136	205	294	< 5	< 0.2	4.28	45	170	< 0.5	< 2	4.85	< 0.5	33	235	177	7.57	< 10	< 1	0.45	20	3.80	1145
15137	205	294	< 5	< 0.2	2.14	40	80	< 0.5	< 2	1.43	< 0.5	19	115	91	4.38	< 10	< 1	0.18	10	1.91	530
15138	205	294	< 5	< 0.2	0.90	35	80	< 0.5	< 2	1.14	< 0.5	12	71	99	2.16	< 10	< 1	0.13	10	0.60	350
15139	205	294	20	< 0.2	1.68	20	90	< 0.5	4	1.17	< 0.5	13	67	125	3.75	< 10	< 1	0.25	< 10	1.57	375
15140	205	294	15	< 0.2	1.55	25	90	< 0.5	< 2	3.21	< 0.5	20	41	177	4.65	< 10	< 1	0.37	10	1.16	830
15141	205	294	< 5	< 0.2	2.01	25	90	< 0.5	< 2	10.95	< 0.5	17	57	433	6.15	< 10	< 1	0.06	10	0.59	3650
15142	205	294	20	< 0.2	1.27	20	40	< 0.5	< 2	7.85	1.0	5	50	102	3.65	< 10	< 1	0.18	10	1.11	2560
15143	205	294	30	0.2	1.13	55	120	< 0.5	< 2	6.79	< 0.5	15	46	171	3.68	< 10	< 1	0.40	10	1.16	1350
15144	205	294	< 5	< 0.2	0.77	25	80	< 0.5	2	3.41	< 0.5	7	15	23	2.72	< 10	< 1	0.26	10	0.62	800
15145	205	294	< 5	< 0.2	0.89	10	100	< 0.5	6	7.24	< 0.5	7	41	74	2.26	< 10	< 1	0.50	10	1.07	875
15146	205	294	< 5	0.2	0.55	10	110	< 0.5	< 2	3.17	< 0.5	5	26	64	1.01	< 10	< 1	0.16	10	0.77	255
15147	205	294	< 5	< 0.2	1.28	15	70	< 0.5	2	3.89	< 0.5	11	108	26	1.28	< 10	< 1	0.09	10	1.08	300
15148	205	294	< 5	0.2	1.30	25	130	< 0.5	2	8.76	< 0.5	9	113	64	1.95	< 10	< 1	0.10	10	1.15	915
15149	205	294	< 5	0.2	1.33	20	130	< 0.5	4	7.05	< 0.5	8	102	59	1.50	< 10	< 1	0.11	10	1.00	585

CERTIFICATION: _____

Jhai D Ma



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To: RIO ALGOM EXPLORATION INC.
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Page Number :1-B
Total Pages :1
Certificate Date: 03-APR-92
Invoice No. :19212718
P.O. Number :
Account :GZ

Project : 9021
Comments: CC: JACK McCLINTOCK

CERTIFICATE OF ANALYSIS A9212718

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
15122	205	294	< 1	0.13	23	1380	< 2	< 5	5	139	0.23	< 10	< 10	123	< 10	54
15123	205	294	< 1	0.10	24	360	6	< 5	10	31	0.24	< 10	< 10	108	< 10	44
15124	205	294	< 1	0.10	18	380	4	< 5	8	31	0.22	< 10	< 10	92	< 10	56
15125	205	294	< 1	0.07	25	390	< 2	< 5	10	26	0.25	< 10	< 10	123	< 10	62
15126	205	294	< 1	0.09	23	650	4	< 5	10	38	0.25	< 10	< 10	121	< 10	62
15127	205	294	< 1	0.08	27	310	4	< 5	12	29	0.28	< 10	< 10	153	< 10	80
15128	205	294	< 1	0.09	62	780	4	< 5	10	65	0.34	< 10	< 10	185	< 10	108
15129	205	294	< 1	0.11	26	1400	< 2	< 5	8	100	0.26	< 10	< 10	157	< 10	108
15130	205	294	24	0.08	41	1300	6	< 5	11	94	0.24	< 10	< 10	213	< 10	126
15131	205	294	< 1	0.10	27	1310	< 2	< 5	10	106	0.26	< 10	< 10	170	< 10	102
15132	205	294	5	0.08	38	1110	2	< 5	9	85	0.17	< 10	< 10	168	< 10	102
15133	205	294	< 1	0.11	28	1170	4	< 5	9	85	0.13	< 10	< 10	167	< 10	106
15134	205	294	6	0.09	23	1170	< 2	< 5	7	85	0.16	< 10	< 10	156	< 10	68
15135	205	294	41	0.11	27	1370	4	< 5	4	74	0.21	< 10	< 10	139	< 10	72
15136	205	294	< 1	0.18	83	3150	6	< 5	10	197	0.33	< 10	< 10	306	< 10	110
15137	205	294	< 1	0.10	47	1610	< 2	< 5	5	61	0.20	< 10	< 10	177	< 10	70
15138	205	294	17	0.10	44	1010	< 2	< 5	3	48	0.17	< 10	< 10	125	< 10	80
15139	205	294	5	0.09	29	1010	12	< 5	8	53	0.19	< 10	< 10	172	< 10	92
15140	205	294	53	0.09	21	1010	18	< 5	7	322	0.06	< 10	< 10	119	< 10	104
15141	205	294	1085	0.02	20	920	2	5	7	166	0.11	< 10	< 10	104	< 10	82
15142	205	294	295	0.06	18	1050	18	< 5	9	222	0.10	< 10	< 10	112	< 10	138
15143	205	294	13	0.05	44	1030	6	< 5	7	421	0.03	< 10	< 10	72	< 10	62
15144	205	294	2	0.08	4	950	4	< 5	5	359	< 0.01	< 10	< 10	57	< 10	40
15145	205	294	1	0.03	20	800	< 2	5	4	425	0.08	< 10	< 10	56	< 10	78
15146	205	294	2	0.03	20	850	4	< 5	1	80	0.11	< 10	< 10	20	< 10	52
15147	205	294	< 1	0.04	54	1690	< 2	< 5	2	156	0.13	< 10	< 10	59	< 10	26
15148	205	294	2	0.02	44	1070	4	< 5	4	377	0.12	< 10	< 10	61	< 10	44
15149	205	294	11	0.04	47	1170	< 2	< 5	2	255	0.14	< 10	< 10	57	< 10	30

CERTIFICATION:

Jhai D Ma