ASSESSMENT REPORT ON

THE 2002 DIAMOND DRILLING PROGRAM

ON THE

AXELGOLD PROPERTY

November, 2002

Volume 2

Appendices 3 - 10

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

APPENDIX 3 ASSAY DATA CHECKLIST

Rubicon Minerals Corporation Axelgold Project Assay Data Checklist

Shipment	Shi	ppad	Hola	Sample	Series	i	Number	of Samples			We	eight	Number of		Date F	Received	Entered
Number	Date	Via	Number	From	To	Rock	Soil	Core	Totals	Length of Core (m)	(Kg)	(Lb)	Sacks	Assay File No.	Αu	ICP	On Individ.
AXEL02-01	Aug 17	Lorne to FSJ		54001	54019	19							2	VA02002840			
1		j l		1250S,075E			1							VA02002841			1
				1250S . 175E			1	İ						VA02002841			1
				1250S , 200E			1							VA02002841			
AXEL02-02	Aug 17	Lome to FSJ	AX02-09	54201	54211			11		18	48	105	2	VA02002842			Sept 12
AXEL02-03	Aug 22	Matt to FSJ	AX02-10	54276	54371			96				İ		VA02002959 VA02002970	Sept. 13		Sept 13
			AX02-10	54430	54430			1		215	569	1253	19	VA02002970	Sept. 13		Sept 13
AXEL02-04	Aug. 25	Plane to S.	AX02-09	54212	54275			64		122	323	710	16	VA02003030	Sept. 13		Sept. 13
AXEL02-05	Aug. 27	Plane to S.	AX02-11	54372	54429			58		128	339	746	14	VA02003079			Sept. 12
AXFI 02-06	Aug 27	Plane to S	AX02-12	54431	54506			76		198	525	1154	18	VA02003120			Sept. 12
AXEL02-07	Aug. 27	Plane to S.	AX02-13	54507	54550			44		92	244	536	11	VA02003078			Sept. 12
AXEL02-08	Aug. 28	Plane to S.	AX02-13	54551	54578			28		52	138	303	8	VA02003151			Sept 12
AXEL02-09	Aug. 28	Plane to S.	AX02-14	54579	54588			10		21	56	122	2	VA02003152			Sept. 12
AXEL02-10	Sept. 1	Trk to Ft	AX02-14	54589	54678			90		140	372	818	20	VA02003214	Sept. 12		Sept. 12
AXEL02-11	Sept 2	Trk to Ft	AX02-14	54679	54754			76		102	270	595	15	VA02003248	Sept. 16		Sept. 16
AXEL02-12	Sepl. 5	Trk to Smi.	AX02-14	54755	54770			16		23	61	134	3	VA02003297	Sept. 15	Sept. 15	Sept. 15
AXEL02-13	Sepl 5	Trk to Smi	AX02-16	54771	54819			49		121	321	705	11	VA02003298	Sept. 15	Sept. 15	Sept 15
AXEL02-14	Sept. 5	Trk to Smi.	AX02-15	54820	54855			36		74	196	431	8	VA02003295	Sept. 17	Sept 17	Sept. 17
AXEL02-15	Sept 5	Trk to Smi		Gəb Grid, 350N, 1125E			1							VA02003293	Sept. 12		
				54020	54022	3								VA02003294	Sept. 12	VA02003760	Sept. 23
AXEL02-16	Sept. 5	Trk to Smi.	AX02-09	54856	54856			1		1	1	3	1	VA02003292	Sept 12		Sept. 12
	TOTALS					22	4	656	682	1307	3462	7617	150				

APPENDIX 4 CERTIFICATES OF ANALYSES



EXCELLENCE IN ANALYTICAL CHEMISTRY

Aurora Laboratory Services Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

o: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6 Page #: 1 Date: 28-Aug-2002 Account: MUC

CERTIFICATE VA02002840

Project : BC 305

P.O. No:

This report is for 19 ROCK samples submitted to our lab in North Vancouver, BC, Canada

on 20-Aug-2002.

The following have access to data associated with this certificate:

GORD ALLEN MICHAEL GRAY

	SAMPLE PREPARATION	· ·
ALS CODE	DESCRIPTION	-
WEI-21	Received Sample Weight	
LOG-22	Sample login - Rcd w/o BarCode	
CRU-31	Fine crushing - 70% <2mm	
SPL-21	Split sample - riffle splitter	
PUL-31	Pulverize split to 85% <75 um	

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION

ATTN: MICHAEL GRAY 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:





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Page #: 2 - A
Total # of pages: 2 (A - C)
Date: 28-Aug-2002

Account: MUC

			Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 AI % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10		CERTIFICATE OF ANALYSIS VA02002840							
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02						ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Çd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54001		1.16	1,510	<0.2	0.26	213	<10	80	<0.5	2	1.93	0.6	9	55	46	4.36
54002		1.30	0.008	0.2	0.24	47	<10	110	0.9	<2	3.28	<0.5	22	60	44	3.32
54003		1.58	0.025	<0.2	0.35	93	<10	380	<0.5	<2	0.11	<0.5	4	49	13	1.43
54004		1.36	0.135	0.2	0.11	144	10	320	1.4	<2	>15.0	1.2	4	6	12	2.81
54005		1.04	0.151	<0.2	0.27	703	<10	110	0.8	2	3.27	<0.5	14	30	56	3.59
54006		1.08	0.154	<0.2	0.49	246	10	320	1.6	<2	6.26	0.8	10	23	54	3.37
54007		1.48	0.134	<0.2	0.55	254	10	260	1.6	<2	5.95	0.8	10	29	57	3.42
54008		1.18	0.201	<0.2	0.27	534	10	100	0.6	<2	3.67	0.5	13	26	64	3.69
54009		1.18	0.164	0.3	0.28	534	10	100	1.2	<2	3.97	0.6	20	40	79	3.89
54010		0.62	0.021	<0.2	0.45	142	10	170	1.4	7	1.65	<0.5	11	46	26	2.20
54011		1.06	0.113	<0.2	0.23	1195	10	260	0.6	<2	4.73	0.6	11	29	63	2.63
54012		0.98	0.369	4.2	0.25	103	<10	60	0.8	3	0.12	<0.5	4	32	174	3.82
54013		1.28	0.076	<0.2	0.32	20	10	300	0.9	2	2.33	<0.5	15	59	30	2.33
54014		1.56	0.016	0.6	0.26	74	<10	100	0.5	6	0.03	<0.5	2	29	33	2.63
54015		1.48	0.051	1.5	0.31	89	10	130	0.7	10	0.57	<0.5	6	34	28	3.00
54016		1.16	0.007	<0.2	0.44	27	<10	120	0.8	<2	3.67	0.6	11	15	86	3.94
54017		1.80	< 0.005	<0.2	0.76	9	10	800	1,5	<2	2.63	0.5	13	38	58	3.47
54018		1.76	0.040	0.2	0.23	114	<10	120	0.7	2	0.09	<0.5	1	39	23	2.27
54019		0.70	0.009	<0.2	0.27	81	<10	160	0.5	<2	0.20	<0.5	2	32	8	2.01



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Page #: 2 - B
Total # of pages: 2 (A - C)
Date: 28-Aug-2002

Account: MUC

									CERT	TIFICAT	E OF At	VALYSI	s v	A02002	840	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54001		<10	<1	0.11	10	0.56	618	1	0.10	10	1550	22	2.66	2	7	503
54002		<10	2	0.16	<10	2.95	612	2	0.04	183	240	9	1.52	12	8	890
54003		<10	<1	0.23	10	0.06	175	51	0.09	34	450	22	0.20	2	1	45
54004		<10	1	0.08	10	8.20	2260	<1	0.02	5	600	13	0.35	29	4	3470
54005		<10	6	0.24	20	0.91	672	2	0.02	12	2110	17	1.54	33	10	1065
54006		<10	7	0.37	20	2.86	1055	2	0.06	8	1730	24	0.68	20	8	949
54007		<10	8	0.41	20	2.72	1065	2	0.06	8	1700	23	0.62	24	8	986
54008		<10	8	0.22	20	1.25	790	1	0.06	11	2390	15	2.08	45	10	1320
54009		<10	2	0.22	10	2.23	753	2	0.02	160	1100	37	1.61	54	12	1240
54010		<10	2	0.28	10	1.22	507	2	0.04	91	400	20	0.55	20	4	624
54011		<10	24	0.15	20	1.81	831	<1	0.08	9	2250	15	0.65	32	9	1440
54012		<10	<1	0.36	20	0.21	29	11	0.06	5	1120	97	3.07	237	1	125
54013		<10	<1	0.24	10	1.12	669	1	0.05	89	1660	19	0.75	11	4	458
54014		<10	1	0.19	30	0.05	20	8	0.09	4	550	70	1.21	21	1	108
54015		<10	1	0.19	30	0.07	431	39	0.06	12	1250	73	1.32	6	1	116
54016		<10	<1	0.20	30	1.15	1015	<1	0.13	8	2970	19	0.15	4	8	661
54017		10	<1	0.58	30.	1.16	1025	1	0.09	11	2270	21	0.03	6	7	581
54018		<10	1	0.19	20	0.03	39	12	0.04	6	930	76	0.98	5	1	91
54019		<10	1	0.17	30	0.06	155	4	0.05	8	840	28	1.02	3	1	99



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Aurora Laboratory Services Ltd.

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Total # of pages: 2 (A - C)

Date: 28-Aug-2002 Account: MUC

								CERTIFICATE OF ANALYSIS VA02002840
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54001		0.01	<10	<10	30	<10	139	
54002		<0.01	<10	<10	20	<10	23	
54003		<0.01	<10	<10	5	<10	32	
54004		<0.01	<10	<10	74	<10	33	
54005		<0.01	<10	<10	46	<10	66	
54006		0.03	<10	<10	56	<10	59	
54007		0.03	<10	<10	62	<10	63	
54008		<0.01	<10	<10	35	<10	59	
54009		<0.01	<10	<10	43	<10	76	
54010		<0.01	<10	<10	12	<10	49	
54011		<0.01	<10	<10	38	<10	65	
54012		<0.01	<10	10	26	<10	38	
54013		<0.01	<10	<10	17	<10	46	
54014		<0.01	<10	<10	9	<10	13	
54015		<0.01	<10	<10	8	<10	48	
54016	-	0.01	<10	<10	31	<10	65	
54017		0.07	<10	<10	71	<10	83	
54018		<0.01	<10	<10	8	<10	17	
54019		<0.01	<10	<10	3	<10	18	
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Page # : 1 Date: 29-Aug-2002

Account: MUC

CERTIFICATE VA02002841

Project: B.C. 305

P.O. No:

This report is for 3 SOIL samples submitted to our lab in North Vancouver, BC, Canada on 20-Aug-2002.

The following have access to data associated with this certificate:

GORDON ALLEN MICHAEL GRAY

SAMPLE PREPARATION								
ALS CODE	DESCRIPTION							
WEI-21	Received Sample Weight							
LOG-22	Sample login - Rcd w/o BarCode							
SCR-41	Screen to -180um and save both							
SCR-41+	Screen to -180um (+) fraction	<u>-</u>						

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION

ATTN: MICHAEL GRAY 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Political Com



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Date: 29-Aug-2002

Account: MUC

		
CERTIFICATE OF ANALYSIS	VA02002841	

									CERT	TIFICAT	E OF A	NALYSI	s v	A02002	841	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 AI % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
1250S+075E 1250S+175E 1250S+200E		0.42 0.16 0.32	0.312 0.014 0.502	2.3 <0.2 1.1	2.18 0.84 1.16	266 71 565	10 <10 <10	160 250 90	3.0 0.9 <0.5	6 <2 <2	0.34 0.14 0.04	1.7 <0.5 <0.5	21 14 7	138 30 26	283 78 40	5.54 4.62 4.66



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CERTIFICATE OF ANALYSIS

Page #: 2 - B
Total # of pages: 2 (A - C)
Date: 29-Aug-2002

VA02002841

Account: MUC

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P PPM 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
1250S+075E	······································	10	<1	0.16	90	1.38	2420	39	0.01	178	1670	309	0.11	132	5	190
1250S+175E		10	<1	0.05	10	0.13	979	3	0.01	34	2190	26	0.06	27	2	39
1250S+200E		10	<1	0.04	10	0.10	901	3	0.01	20	2460	33	0.09	29	1	25



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Page #: 2 - C
Total # of pages: 2 (A - C)

Date : 29-Aug-2002 Account: MUC

CERTIFICATE OF ANALYSIS	VA02002841

Ana Us	thod N nlyte nits OR	ME-ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
1250S+075E 1250S+175E 1250S+200E		0.04 0.01 0.01	<10 <10 <10	<10 <10 <10	85 58 60	<10 <10 <10	808 115 45	
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Aurora Laboratory Services Ltd. 212 Brooksbank Avenue North Vancouver BC V7J 2C1 Canada Phone: 604 984 0221 Fax: 604 984 0218 **DIRUBICON MINERALS CORPORATION** 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

Page #: 1 Date: 28-Aug-2002

Account: MUC

CERTIFICATE VA02002842

Project: BC 305

P.O. No:

This report is for 11 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 20-Aug-2002.

The following have access to data associated with this certificate:

GORD ALLEN MICHAEL GRAY

SAMPLE PREPARATION							
ALS CODE	DESCRIPTION						
WEI-21	Received Sample Weight						
LOG-22	Sample login - Rcd w/o BarCode						
CRU-31	Fine crushing - 70% <2mm						
SPL-21	Split sample - riffle splitter						
PUL-31	Pulverize split to 85% <75 um						

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION ATTN: MICHAEL GRAY 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

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Signature:

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ALS Chemex

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Aurora Laboratory Services Ltd.

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CERTIFICATE OF ANALYSIS

'age #: 2 - A Total # of pages: 2 (A - C)

Date : 28-Aug-2002 Account: MUC

VA02002842

								<u> </u>								
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 AI % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54201		3.08	0.031		***			· · · · · · · · · · · · · · · · · · ·	• • •	····						
54202		3.42	0.034													
54203		3.30	0.044													
54204		2.08	0.145													
54205		0.08	0.811	0.2	1.22	3	<10	120	<0.5	2	0.71	<0.5	7	80	31	2.08
54206		5.82	0.021													
54207		6.20	0.012													
54208		5.74	0.046													
54209		5.54	0.032													
54210		1.06	< 0.005	<0.2	0.61	8	<10	320	<0.5	<2	0.66	<0.5	2	106	7	1.05



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¹age #: 2 - B Total # of pages: 2 (A - C) Date: 28-Aug-2002

Account: MUC

									CER	TIFICAT	E OF A	VALYSI	s v	A02002	842	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54201 54202 54203 54204 54205		<10	< 1	0.11	<10	0.65	462	6	0.09	21	580	14	0.07	<2	3	40
54206 54207 54208 54209 54210		<10	1	0.18	10	0.46	180	1	0.05	9	290	3	0.01	<2	1	20
54211		×10		0.16		0.40	100	<u>'</u>	0.03		290		0.01			



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Account: MUC

								CERTIFICATE OF ANALYSIS VA02002842
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54201 54202 54203 54204		0.07	<10	<10	46	<10	45	
54205 54206 54207 54208 54209							16	
54210 54211	· · · · · · · · · · · · · · · · · · ·	0.01	<10	<10	8	<10	10	



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Aurora Laboratory Services Ltd. 212 Brooksbank Avenue North Vancouver BC V7J 2C1 Canada Phone: 604 984 0221 Fax: 604 984 0218 **DIRUBICON MINERALS CORPORATION** 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

Page #: 1 Date: 3-Sep-2002

Account: MUC

CERTIFICATE VA02002959

Project: BC305

P.O. No:

This report is for 20 DRILL CORE samples submitted to our lab in North Vancouver, BC,

Canada on 27-Aug-2002.

The following have access to data associated with this certificate:

DAVID ADAMSON MICHAEL GRAY **GORDON ALLEN**

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
LOG-22	Sample login - Rcd w/o BarCode	
CRU-31	Fine crushing - 70% <2mm	
SPL-21	Split sample - riffle splitter	
PUL-31	Pulverize split to 85% <75 um	

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION ATTN: GORDON ALLEN 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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Total # of pages: 2 (A - C)
Date: 3-Sep-2002
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									CEF	TIFICA	TE OF A	NALYS	is v	/A02002	2959	
Analyt Units Sample Description LOR	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 F• % 0.01
54332 54333 54334 54335 54336		2.12 7.48 3.84 6.36 6.60	0.302 0.223 0.224 0.234 0.160	0.8	0.41	325	10	20	<0.5	<2	1.79	0.7	24	20	170	4.29
54337 54338 54339 54358 54359		0.10 6.72 6.26 4.10 6.04	0.836 0.128 0.155 0.086 0.102	0.2	0.40	123	10	30	0.7	<2	1.62	<0.5	6	15	135	2.39
54360 54361 54362 54363 54364		5.62 6.74 1.06 5.80 6.16	0.154 0.137 <0.005 0.086 0.125	0.2	0.25	82	10	60	0.6	<2	1.22	<0.5	6	15	98	2.15
54365 54366 54367 54368 54369		6.24 6.64 5.48 2.70 8.06	0.084 0.042 0.068 0.080 0.179	<0.2	0.45	66	20	30	0.8	<2	2.06	<0.5	11	18	61	2.64



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'age #: 2 - B
Total # of pages: 2 (A - C)

Date: 3-Sep-2002 Account: MUC

									CERTIFICATE OF ANALYSIS VA02002959								
Analy Unit Sample Description Los	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	1 ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	
54332 54333 54334 54335 54336		20	1	0.35	50	1.36	2040	57	0.03	21	2850	125	4.06	26	5	716	
54337 54338 54339 54358 54359		10	1	0.24	80	0.53	751	71	0.08	4	340	30	2.58	25	<1	786	
54360 54361 54362 54363 54364		10	1	0.16	60	0.54	787	26	0.04	5	100	43	1.74	30	<1	683	
54365 54366 54367 54368 54369		10	<1	0.28	90	0.78	1055	164	0.05	11	940	71	2 69	25	2	820	



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Account: MUC

								CERTIFICATE OF ANALYSIS VA02002959
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-(CP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54332 54333 54334 54335 54336		<0.01	<10	150	17	10	149	
54337 54338 54339 54358								
54359 54360 54361 54362 54363		<0.01	10	690	7	<10	38	
54364 54365 54366 54367 54368 54369		<0.01	10	260 170	13	<10	48	



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Page #: 1 Date: 11-Sep-2002 Account: MUC

CERTIFICATE VA02002970

Project : BC305

P.O. No:

This report is for 77 DRILL CORE samples submitted to our lab in North Vancouver, BC,

Canada on 27-Aug-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION
ATTN: GORDON ALLEN
888 - 1100 MELVILLE ST.
VANCOUVER BC V6E 4A6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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Signature:



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Account: MUC

•									CER	TIFICA	TE OF A	NALYS	is \	/A02002	2970	
Sample Description Units LOR 54276	Analyte Units	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54277 54278 54279		3.04 3.30 0.08 1.64	0.046 0.772 0.117 0.115								0.05			50	24.0	0.00
54280 54281 54282 54283 54284		3.06 3.10 3.36 1.10 1.16	0.170 0.147 0.089 0.005 0.141	1.2	0.57	205	<10	40	0.5	<2	0.35	0.7	9	50	312	2.82
54285 54286 54287 54288 54289		5.78 3.74 1.72 3.62	0.146 0.086 0.240 0.188 0.092	0.9	0.54	167	<10	20	0.8	2	0.36	1.4	10	31	481	2.75
54290 54291 54292 54293 54294 54295		3.66 3.72 2.20 6.74 6.32 5.66	0.195 0.133 0.097 0.423 0.090 0.123	<0.2	0.55	175	<10	30	0.6	<2 <2	0.47	<0.5	12	27	104	2.19
54296 54297 54298 54299 54300		4.80 4.82 1.04 3.46 2.02	0.131 0.101 <0.005 0.118 0.138	0.4	0.65	120	10	30	0.5	2	1.05	<0.5	14	32	279	2.77
54301 54302 54303 54304 54305		5.18 4.10 3.48 4.36 4.68	0.112 0.159 0.202 0.087 0.063	<0.2	0.38	52	<10	40	<0.5	- <2	0.77	<0.5	7	26	41	2.18
54306 54307 54308 54309 54310	<u> </u>	3.02 2.22 0.92 7.72 5.62	0.080 0.129 0.112 0.260 0.208	0.8	0.43	284	<10	20	0.5	2	0.82	0.7	12	35	105	3.31
54311 54312 54313 54314 54315		6.56 4.62 6.82 0.90 2.26	0.189 0.115 0.175 0.226 0.221	0.2	0.61	173	<10	60	0.7	3	1.35	<0.5	18	14	59	2.75



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Page #: 3 - A Total # of pages: 3 (A - C) Date: 11-Sep-2002

Account: MUC

•									CER	TIFICA	TE OF A	NALYS	is v	/A02002	970	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 AI % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54316		6.30	0.107													
54317		0.08	0.825													
54318		5.04	0.253													
54319		3.92	0.231													
54320		2.44	0.079	<0.2	0.33	70	<10	60	<0.5	3	0.89	<0.5	10	23	57	1.73
54321		3.98	0.392													
54322		1.04	< 0.005													
54323		5.34	0.096													
54324		0.88	0.169													
54325		0.78	0.121	0.9	0.36	153	<10	30	<0.5	8	1.13	0.7	18	26	103	2.60
54326		2.88	0.169													
54327		1.62	0.180													
54328		2.66	0.191													
54329		3.94	0.115													
54330		4.86	0.168	1.7	0.54	269	<10	10	< 0.5	4	1.60	1.7	21	26	344	4.34
54331		4.16	0.218	,												
54340		2.40	0.140													
54341		3.92	0.162													
54342		6.28	0.117													
54343		4.96	0.212	0.3	0.26	124	<10	20	<0.5	<2	0.99	<0.5	8	21	191	3.03
54344	····	6.26	0.121													
54345		6.00	0.172													
54346		5.00	0.140													
54347		2.86	0.152													
54348		6.54	0.174	<0.2	0.31	112	<10	20	<0.5	<2	1.00	<0.5	7	23	179	2.59
54349		6.28	0.227	-												
54350		6.50	0.060													
54351		6.42	0.125													
54352		5.16	0.163													
54353		5.18	0.233	< 0.2	0.38	163	<10	30	0.5	<2	1.19	<0.5	7	22	171	2.66
54354		5.00	0.179		-											
54355		6.66	0.175													
54356		6.00	0.083													
54357		0.08	5.56	1.0	2.07	82	10	80	0.5	11	1.04	0.9	7	113	80	8.24
54370		4.14	0.100	<0.2	0.33	59	<10	30	0.5	2	1.95	<0.5	9	24	53	2.30
54371 54430		2.98 5.98	0.114 0.168													
												<u>-</u>				



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Total # of pages: 3 (A - C)

Date: 11-Sep-2002 Account: MUC

			_						CEF	RTIFICA	TE OF A	NALYS	is v	/A02002	970	
Sample Description	54276	ME-ICP41 Ga ppm 10	Ga Hg ppm ppm	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-IGP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54276 54277 54278 54279 54280		<10	1	0.48	50	0.63	324	95	0.03	20	230	193	2.80	56	2	449
54281 54282 54283 54284 54285		<10	1	0.46	80	0.65	555	95	0.03	18	370	303	2.61	95	2	442
54286 54287 54288 54289 54290	<u></u>	<10	1	0.50	120	0.78	312	157	0.03	19	290	197	2.16	116	1	545
54291 54292 54293 54294 54295		<10	<1	0.52	80	0.82	355	72	0.04	11	510	132	2.75	16	1	826
54296 54297 54298 54299 54300	<u></u>	<10	<1	0.60	50	0.96	496	166	0.04	11	780	105	2.63	52	†	706
54301 54302 54303 54304 54305		<10	<1	0.33	40	0.85	468	25	0.03	9	780	74	2.00	14	1	462
54306 54307 54308 54309 54310		<10	<1	0.33	40	0.85	515	58	0.04	11	1030	130	3.17	50	2	481
54311 54312 54313 54314 64315		<10	<1	0.50	70	1.49	792	28	0.03	13	2420	182	2.07	21	5	1030



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Total # of pages: 3 (A - C)
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Account: MUC

		·							CEF	TIFICA	TE OF A	NALYS	is \	/A02002	2970	•
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P Ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54316 54317 54318																
54319 54320		<10	<1	0.27	50	0.89	632	25	0.04	7	1040	53	1.37	20	4	885
54321 54322 54323 54324									, <u> </u>							
54325 54326 54327 54328		<10	<1	0.32	50	0.92	844	74	0.02	17	2010	187	2.37	37	4	769
54329 54330		<10	1	0.46	70	0.97	798	155	0.03	24	2650	313	4,40	56	3	872
54331 54340 54341 54342 54343		<10	<1	0.20	70	0.46	584	74	0.05	5	710	55	3.14	82	<1	605
54344 54345 54346 54347 54348	:	<10	<1	0.25	70	0.46	838	42	0.06	5	690	45	2.23	18	1	754
54349 54350 54351 54352		40						· · · · · · · · · · · · · · · · · · ·		 -			17			
54353 54354 54355 54356		<10	<1	0.28	80	0.48	583	94	0.07	6 	470	48	2.66	42	<1	554
54357 54370		10 <10	<1 <1	0.35 0.22	10 80	0.89 0.74	311 990	3 76	0.10 0.05	35 10	510 1290	108 38	1,12 2.12	<2 21	4 2	52 681
54371 54430																



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Page #: 2 - C
Total # of pages: 3 (A - C)
Date: 11-Sep-2002

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								CERTIFICATE OF ANALYSIS VA02002970
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54276 54277 54278 54279 54280		<0.01	10	20	14	<10	277	
54281 54282 54283 54284 54285		<0.01	10	20	17	<10	361	
54286 54287 54288 54289 54290		0.01	10	30	18	<10	176	
54291 54292 54293 54294 54295		<0.01	10	30	15	<10	89	
54296 54297 54298 54299 54300		0.01	10	20	14	<10	93	
54301 54302 54303 54304 54305		<0.01	10	10	9	<10	49	
54306 54307 54308 54309 54310		<0.01	10	10	11	<10	158	
54311 54312 54313 54314 54315		<0.01	10	20	19	<10	103	



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Date: 11-Sep-2002

Account: MUC

								CERTIFICATE OF ANALYSIS VA02002970
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54316								
54317								
54318 54319								
54320		<0.01	10	20	9	<10	69	
54321							•	
54322		<u> </u>						
54323								
54324								
54325		<0.01	10	20	10	<10	236	
54326								
54327								
54328								
54329			40	00	45	40	070	
54330		0.01	10	30	15	<10	372	
54331								
54340		1						
54341 54342		l						
54343		<0.01	10	20	8	<10	67	
54344								
54345		ĺ						
54346		ŀ						
54347								
54348		<0.01	10	20	16	<10	65	
54349								
54350								
54351								
54352			10	20	10	.10	44	
54353		<0.01	10	30	13	<10	44	
54354								
54355								
54356 54357		0.05	<10	<10	37	10	41	
54370		<0.01	10	30	11	<10	70	
54371			- 10				-	
54371								
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Page #: 1 Date: 9-Sep-2002

Account: MUC

CERTIFICATE VA02003030

Project : BC 305

P.O. No:

This report is for 64 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 28-Aug-2002.

The following have access to data associated with this certificate: MICHAEL GRAY GORDON ALLEN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION ATTN: MICHAEL GRAY 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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'age #: 2 - A
Total # of pages: 3 (A - C)

Date: 9-Sep-2002 Account: MUC

<u></u>								_	CEF	TIFICA	TE OF A	NALYS	IS \	/A02003	3030	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-iCP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54212		6.46	0.229					.,								
54213 54214		2.54 3.46	0.352 0.338													
54215		1 70	0.336													
54216		7.18	0.220	<0.2	0.29	1890	<10	100	1.1	<2	3.63	<0.5	14	25	56	3.70
54217		6.76	0.070				· · ·	_	<u></u>				<u> </u>			
54218		2.84	0.272													
54219		0.64	0.148													
54220		2.06	0.431													
54221		0.48	0.345	<0.2	0.16	781	<10	40	0.9	<2	4.12	0.6	13	18	70	3.58
54222		3.38	0.510	,												
54223		2.98	0.030													
54224		6.00	0.397													
54225		0.08	0.670													
54226		3.46	0.035	<0.2	0.73	158	<10	280	1.5	<2	3.21	<0.5	13	28	52	3.38
54227		3.94	0.065													
54228		6.80	0.327													
54229		6.68	0.197													
54230		6.28	0.084													
54231		5.78	0.281 	<0.2	0.22	1225	<10	70	0.8	<2	3.55	<0.5	14	18	54	3.62
54232		4.60	0.235													
54233		1.80	0.274													
54234		6.48	0.092													
54235		2.74	0.079							_						
54236		6.54	0.068	<0.2	0.27	610	<10	120	1.0	<2	3.49	<0.5	13	21	50	3.48
54237		2.76	0.167													
54238		3.82	0.015													
54239		3.50	0.047													
54240		4.46	0.012													
54241		7.18	0.145	<0.2	0.19	517	<10	100	0.7	<2	4.21	<0.5	13	20	49	3.42
54242		5.34	0.061				-		· —							
54243		5.34	0.045													
54244		4.14	0.192													
54245		0.08	5.19													
54246		4.14	0.232	0.2	0.20	592	<10	70	0.6	<2	3.78	<0.5	13	18	46	3.54
54247		6.88	0.237													
54248		6.80	0.304													
54249		1.20	0.223													
54250		1.06	< 0.005			_										
54251		5.32	0.179	0.2	0.18	1250	<10	70	0.5	<2	3.79	<0.5	13	16	53	3.39



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Account: MUC

								CERTIFICATE OF ANALYSIS						VA02003030			
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B Ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	
54252 54253 54254 54255		5.62 4.74 4.60 1.86	0.031 0.039 0.017 0.016								· · · · ·						
54256 54257 54258		5.06 7.36 6.74	0.014 0.016 0.043	<0.2	0.21	58	<10	180	0.8	<2	1.67	<0.5	5	35	9	1.33	
54259 54260 54261	<u></u>	6.88 6.94 4.02	0.048 0.030 0.020	<0.2	0.20	46	<10	150	1.8	<2	2.41	<0.5	5	43	10	1.66	
54262 54263 54264 54265		6.80 4.68 0.98 0.08	0.013 0.011 0.017 0.873							_							
54266 54267 54268 54269 54270		3.40 6.74 3.78 5.88 5.70	0.018 0.015 0.011 0.006 <0.005	<0.2	0.16	43	<10	100	0.8	<2	1.61	<0.5	5	37	11	1.68	
54271 54272 54273		2.26 4.84 4.62	0.057 <0.005 <0.005	<0.2	0.19	60	<10	50	0.7	<2	3.70	0.5	14	17	65	3.59	
54274 54275		2.24 1.20	<0.005 <0.005														
		i															



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									CER	TIFICA	TE OF A	NALYS	IS \	/A02003	3030	
Sample Description	54212	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-(CP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 \$ % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54212 54213 54214																
54215 54216		10	5	0.24	30	1.53	785	1	0.03	9	1280	19	1.36	42	8	1250
54217 54218 54219 54220			40	0.10		4.70	000	_	0.00		1020	8	1.83	55	10	1805
54221 54222 54223 54224		10	10	0.13	20	1.78	836	1	0.03	9	1030	8	1.63	33		1803
54225 54226		10	1	0.66	50	1.65	722	<1	0.05	10	1940	6	0.19	10	8	577
54227 54228 54229 54230 54231		10	3	0.16	20	1.52	721	<1	0.04	10	810	16	1.69	38	9	1280
54232 54233 54234 54235 54236		10	21	0.21	40	1.45	740	1	0.04	9	1820	10	0.83	28	8	932
54237 54238 54239 54240				V.21												· · · · · ·
54242 54243 54244		10	8	0.16	40	1,79	773	1	0.03	9	1650	15	1.48	33	9	1170
54245 54246		10	1	0.16	30	1.70	764	2	0.04	10	1720	9	2.36	34	9	1770
54247 54248 54249 54250	-		•													-
54251		10	3	0.17	30	1.71	714	8	0.03	11	1750	8	2.56	38	8	1520



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									CERTIFICATE OF ANALYSIS VA0200303							3030	
An U	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	
54252 54253 54254 54255						0.00	005	_	0.00		000		1.00		4	438	
54256 54257 54258 54259		10	<1	0.16	20	0.88	335	<1	0.03	38	390	21	1.06	11	1	438	
54260 54261 54262 54263 54264		10	<1	0.14	20	1.30	959	2	0.04	29	260	22	1.41	10	2	665	
54265 54266 54267	<u> </u>	<10	<1	0.12	30	0.85	376	1	0.04	24	330	22	1.28	9	2	2270	
54268 54269 54270 54271		10	2	0.16	50	1.61	760	1	0.04	8	2090	21	1.29	34	7	608	
54272 54273 54274 54275																	



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								<u> </u>	CERTIFICAT	TE OF ANAI	VSIS	VA02003	030
									OLITITIOA I	L OI AIIAL	1010	* A02003	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2						
54212												•	
54213													
54214 54215													
54216		0.01	<10	40	44	<10	76						
54217													
54218		j											
54219													
54220		204	40	40		40							
54221		<0.01	<10	10	39	<10	93		·				
54222 54223													
54224													
54225													
54226		0.06	<10	170	84	<10	69						
54227		1											
54228													
54229													
54230 54231		<0.01	<10	80	30	<10	78						
		20.01	V10	00	30	~ · · · · · · · · · · · · · · · · · · ·	70	·		. .			
54232 54233]											
54234													
54235													
54236		0.01	<10	140	50	<10	56						
54237													
54238													
54239 54240													
54240		0.01	<10	100	41	<10	64						
54242	·				.,								
54243													
54244													
54245													
54246		<0.01	<10	100	30	<10	45						
54247				- 									
54248													
54249 54250													
54251		<0.01	<10	90	29	<10	35						
		<u> </u>											



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								CERTIFICATE OF ANALYSIS VA02003030
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 TI PPM 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-IGP41 W ppm 10	ME-ICP41 Zn ppm 2	
54252 54253 54254 54255			· - · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		 	
54256	_	<0.01	<10	80	3	<10	43	
54257 54258 54259 54260 54261		<0.01	<10	40		40	40	
54262 54263 54264		40.01	×10	40	5	<10	49	
54265 54266		<0.01	<10	70	6	<10	47	
54267 54268 54269 54270 54271		<0.01	<10	110	35	<10	62	
54272 54273 54274 54275								



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Aurora Laboratory Services Ltd. 212 Brooksbank Avenue North Vancouver BC V7J 2C1 Canada Phone: 604 984 0221 Fax: 604 984 0218 **10: RUBICON MINERALS CORPORATION** 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

Page #: 1 Date: 8-Sep-2002

Account: MUC

CERTIFICATE VA02003078

Project: BC 305

P.O. No:

This report is for 44 DRILL CORE samples submitted to our lab in North Vancouver, BC,

Canada on 30-Aug-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
LOG-22	Sample login - Rcd w/o BarCode	
CRU-31	Fine crushing - 70% <2mm	
SPL-21	Split sample - riffle splitter	
PUL-31	Pulverize split to 85% <75 um	

<u>. =</u>	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION ATTN: MICHAEL GRAY 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:





54546

ALS Chemex

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Aurora Laboratory Services Ltd.

4.10

0.047

0.5

0.34

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Project : BC 305

							ME-ICP41 B ppm 10		CERTIFICATE OF ANALYSIS VA02003078						3078	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02		ME-ICP41 Ag ppm 0.2	ME-ICP41 Ai % 0.01	ME-ICP41 As ppm 2		ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54507		4.58	0.027													
54508		0.08	0.780													
54509		3.84	0.014													
54510		1.64	0.023													
54511		4.16	0.032	0.2	0.18	112	<10	140	0.8	<2	0.64	<0.5	7	9	55	2.72
54512		3.10	0.044	··-										··,.		
54513		1.02	<0.005													
54514		6.40	0.017													
54515		4.90	0.013													
54516		2.88	0.026	0.2	0.31	41	<10	290	0.9	<2	0.03	<0.5	2	22	43	2.10
54517		4.92	0.041							-				_		
54518		2.40	0.044													
54519		1.38	0.078													
54520		5.22	0.047													
54521		4.64	0.062	8.0	0.34	116	30	30	0.6	2	1.74	0.6	14	12	113	3.79
54522		5.18	0.030										•	-		
54523		6.82	0.031													
54524		5.16	0 049													
54525		2.58	0.035													
54526		1.28	0.022	<0.2	0.40	86	<10	60	0.8	<2	0.43	<0.5	8	41	29	2.68
54527		6.20	0.016									<u></u> _				-
54528		0.08	1.405													
54529		6.02	0.015													
54530		5.38	0.022													
54531		4.96	0.035	0.3	0.45	107	<10	50	0.6	<2	0.62	<0.5	9	35	53	3.23
54532		7.16	0.047													,
54533		4.60	0.041													
54534		5,10	0.046													
54535		8.54	0.024													
54536		5.52	0.065	1.4	0.28	166	<10	20	<0.5	<2	1.64	<0.5	24	24	126	5.83
54537		2.76	0.065		· · · · · · · · · · · · · · · · · · ·				•			-				
54538		1.32	0.068													
54539		4.12	0.000													
54540		6.94	0.041													
54541		5.46	0.037	0.3	0.43	89	<10	40	0.7	2	0.36	0.7	8	45	62	2.61
		<u> </u>			V.43	03	<10	 -	V.7		0.30	0.7		40	04	
54542		3.40	0.026													
54543		2.12	0.053													
54544		5.56	0.028													
54545		5.38	0.034				4.0	25		•						
45.40																

30

0.6

<2

2.84

0.9

26

17

205

5.25



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Project: BC 305

CERTIFICATE OF ANALYSIS VA02003078

														7.02000		
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 AJ % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B Ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54547 54548 54549 54550		5.04 0.08 2.36 6.10	0.03\$ 4.65 0.062 0.051													
								·								



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									CEF	TIFICA	TE OF A	NALYS	IS V	/A02003	3078	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-(CP41 Mn ppm 5	ME-(CP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54507 54508 54509 54510 54511		10	<1	0.17	60	0.14	930	20	0.03	6	630	177	1.33	19	<1	334
54512 54513 54514 54515 54516		<10	<1	0.22	60	0.02	107	19	0.07	3	520	52	0.18	18	<1	150
54517 54518 54519 54520 54521		<10	<1	0.25	30	0.86	548	912	0.02	14	1720	100	3.79	25	2	467
54522 54523 54524 54525 54526		10	1	0.30	70	0.17	692	31	0.05	10	610	52	2.00	2	<1	341
54527 54528 54529 54530 54531		10	1	0.28	50	0.13	389	72	0.03	12	1840	73	2.03	5	1	214
54532 54533 54534 54535 54536		10	<1	0.23	40	0.59	1150	88	0.02	21	2860	71	5.56	10	3	578
54537 54538 54539 54540 54541		<10	<1	0.30	60	0.11	101	51	0.07	13	1260	59	2.38	6	1	238
54542 54543 54544 54545 54546		10	1	0.25	120	0.62	866	17	0.02	33	8400	144	5.61	20	3	1155



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									CEF		TE OF A	NALYS	IS V	A02003	3078	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Ma ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP4 Sr ppm 1
54547 54548 54549 54550								-								



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								CERTIFICATE OF ANALYSIS VA02003078
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54507 54508 54509				•				
54510 54511		<0.01	10	260	6	<10	108	
54512 54513 54514 54515				222	10			
54516 54517 54518 54519	· · · · · · · · · · · · · · · · · · ·	<0.01	10	220	10	<10	51	
54520 54521		<0.01	<10	200	3	<10	56	
54522 54523 54524 54525 54526		<0.01	10	430	12	<10	103	
54527 54528 54529 54530 54531		<0.01	<10	100	12	<10	69	
54532 54533 54534 54535 54536		<0.01	<10	80	11	<10	95	
54537 54538 54539 54540 54541	<u></u>	<0.01	10	200	8	<10	277	
54542 54543 54544 54545 54546		<0.01	10	130	14	<10	179	



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									CERTIFIC	CATE OF A	NALYSIS	VA0200	3078
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	111,70					
54547 54548 54549 54550													



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Page #: 1 Dute: 8-Sep-2002

Account: MUC

CERTIFICATE VA02003079

Project: BC 305

P.O. No:

This report is for 58 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 30-Aug-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
LOG-22	Sample login - Rcd w/o BarCode	
CRU-31	Fine crushing - 70% <2mm	
SPL-21	Split sample - riffle splitter	
PUL-31	Pulverize split to 85% <75 um	

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION

ATTN: MICHAEL GRAY 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

These Com



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o: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6 ²age # : [°]2 - A

Total # of pages: 3 (A - C)
Date: 8-Sep-2002

Account: MUC

									CEF	TIFICA	TE OF A	NALYS	is \	/A02003	3079	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 AI % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54372		3.34	0.039			<u> </u>										
54373		2.16	0.202													
54374		6.18 0.08	0.144 4.84													
54375 54376		6.04	0.304	0.9	0.20	75	<10	60	0.6	2	0.91	0.8	5	32	32	1.97
		6.44	0.030		0.20		110				0.01	0.0		02		1.07
54377 54378		7.12	0.030													
54379		7.12	0.021													
54380		1.08	0.039													
54381		6.90	<0.005	<0.2	0.54	5	<10	170	<0.5	<2	0.45	< 0.5	4	71	6	1,14
54382		6.60	0.080										·, · -,·			
54383		6.54	0.056													
54384		6.48	0.068													
54385		3.16	0.059													
54386		4.22	0.064	<0.2	0.16	52	<10	140	<0.5	<2	0.30	<0.5	5	40	11	1.25
54387		4,48	0.100													
54388		4.02	0.052													
54389		3.26	0.032													
54390		1.94	0.048													
54391		3.06	0.087	0.4	0.16	83	<10	160	<0.5	<2	0.28	< 0.5	6	36	20	1.36
54392	•	5.92	0.059													-
54393		2.60	0.069													
54394		4.64	0.126													
54395		0.06	1.350													
54396		6.58	0.073	0.2	0.19	51	<10	80	<0.5	2	0.14	< 0.5	4	41	10	1.57
54397		5.26	0.071					_			_					
54398		5.60	0.099													
54399		6.96	0.032													
54400		6.44	0.062													
54401		6.14	0.035	<0.2	0.20	61	<10	130	<0.5	<2	0.55	<0.5	5	32	16	1.44
54402		7.14	0.029	· · · · · · · · · · · · · · · · · · ·												
54403		3.54	0.049													
54404		3.96	0.048													
54405		1.88	0.054													
54406		9.82	0.025	0.5	0.21	50	<10	80	<0.5	<2	0.45	<0.5	4	34	53	1.55
54407		5.48	0.027								-					
54408		5.02	0.174													
54409		7.06	0.138													
54410		7.12	0.279													
54411		3.48	0.372													



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Date: 8-Sep-2002 Account: MUC

									CER	TIFICA	TE OF A	NALYS	IS \	/A02003	3079	
Sample Description	Method Analyte Units LOR	WE1-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 AI % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54412		4.16	0.275													
54413		6.00	0.174													
54414		5.40	0.270													
54415		0.08	0.739					400	2.5			0.5	•	31	20	1.22
54416		5.60	0.204	0.2	0.28	72	<10	130	0.5	<2	1.15	<0.5	3	- J1		1.24
54417		5.22	0.102													
54418		6.92	0.080													
54419		5.78	0.121													
54420		1.04	0.007												40	4.00
54421		4.84	0.073	<0.2	0.21	54	<10	110	<0.5	<2	0.91	<0.5	4	36	13	1.33
54422		3.54	0.120						•							
54423		4.82	0.098													
54424		5.98	0.082													
54425		3.02	0.060													
54426		7.20	0.095	0.8	0.24	69	<10	80	<0.5	2	0.83	<0.5	5	28	42	1.65
54427		6.66	0.074													
54428		6.90	0.089													
54429		5.80	0.090													



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Date: 8-Sep-2002

Account: MUC

									CEF	RTIFICA	TE OF A	NALYS	is v	A02003	3079	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P PPm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54372 54373 54374 64375 54376		10	<1	0.17	30	0.58	628	23	0.03	8	290	297	2.08	7	<1	2270
54377 54378 54379 54380 54381		<10	<1	0.14	20	0.49	170	<1	0.03	8	290	2	0.01	2	1	13
54382 54383 54384 54385 54386		<10	1	0.12	30	0.24	302	2	0.04	8	420	62	1.12	5	<1	277
54387 54388 54389 54390 64391		<10	<1	0.12	30	0.20	198	10	0.04	10	510	114	1.26	5	<1	198
54392 54393 54394 54395 54396		<10	1	0.15	30	0.06	76	4	0.02	7	310	30	1.53	5		130
54397 54398 54399 54400 54401		10	<1	0.15	30	0.36	465	1	0.05	7	500	84	1.22	5	1	440
54402 54403 54404 54405 54406		<10	<1	0.17	30	0.23	333	2	0.03	5	300	165	1.56	15	<1	506
54407 54408 54409 54410 54411										4, 2, 1						



54427 54428 54429

ALS Chemex

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CERTIFICATE OF ANALYSIS

Page #: 3 - B
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VA02003079

Date: 8-Sep-2002 Account: MUC

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Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54412 54413 54414 54415 54416		10	<1	0.22	30	0.55	512	20	0.02	5	410	59	1.17	6	<1	1360
54417 54418 54419 54420 54421		<10	<1	0.16	20	0.35	277	11	0.05	5	390	43	1.24	2	<1	434
54422 54423 54424 54425 54426		<10	<1	0.19	40	0.43	375	22	0.04	8	520	152	1.44	6	1	627



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Page #: 2 - C
Total # of pages: 3 (A - C)

Date: 8-Sep-2002 Account: MUC

								CERTIFIC	ATE OF A	NALYSIS	VA	0200307	79	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2						···	
54372 54373 54374 54375							999							
54376 54377 54378 54379 54380		<0.01	<10	160	3	<10	209					· · · · · · · · · · · · · · · · · · ·		
54381 54382 54383 54384		0.01	<10	20	7	<10	18	in Partiti						
54385 54386 54387 54388 54389		<0.01	<10	130	3	<10	96				-			
54390 54391 54392 54393 54394		<0.01	<10	150	3	<10	152	<u> </u>		.		<u>-</u>		
54395 54396 54397 54398		<0.01	<10	210		<10	4	 		(2			<u> </u>	
54499 54400 54401 54402		<0.01	<10	120	3	<10	117	 						
54403 54404 54405 54406		<0.01	<10	190	1	<10	32					· · · · · · · · · · · · · · · · · · ·		
54408 54409 54410 54411					<u></u>			 						



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Date: 8-Sep-2002

Account: MUC

								CERTIFICATE OF ANALYSIS VA02003079
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54412							•	
54413								
54414								
54415 54416		<0.01	<10	170	4	<10	• •	
)		<0.01	<10	170	4	<10	14	
54417								
54418 54419								
54420		1						
54421		<0.01	<10	150	3	<10	15	
54422		10.0	*10		-	~ · · ·	,,,	
54423								
54424								
54425								
54426		<0.01	<10	140	4	<10	62	
54427								· · · · · · · · · · · · · · · · · · ·
54428								
54429								
•								



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Date: 8-Sep-2002

Account: MUC

CERTIFICATE VA02003120

Project : BC 305

P.O. No:

This report is for 76 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 30-Aug-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION ATTN: MICHAEL GRAY 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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									3120	20						
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 AI % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54431		3.70	0.054	•												
54432		5.22	0.032													
54433		3.86	0.010													
54434		0.08	0.775			_				_			_			
54435		3.60	0.019	<0.2	0.27	117	<10	50	0.9	<2	1.49	<0.5	7	31	56	2.77
54436		2.00	0.024													
54437		5.12	0.026													
54438		4.22	0.030													
54439		1.04	< 0.005													
54440		5.44	0.041	0.2	0.26	97	10	170	0.6	<2	0.41	<0.5	4	41	49	2.50
54441		6.26	0.074								··					
54442		6.32	0.018													
54443		4.18	0.045													
54444		2.84	0.055													
54445		4.88	0.044	0.4	0.34	156	10	120	0.7	<2	0.39	<0.5	8	29	60	2.79
											· · · · · · · · · · · · · · · · · · ·					
54446		4.74	0.105													
54447		5.72	0.071													
54448		5.02	0.009													
54449		5.98	<0.005	0.0	0.45	05	40	100	0.7	6	0.61	<0.5	6	48	7	1.80
54450		7.30	<0.005	<0.2	0.45	25	<10	100	0.7	6	0.61	<0.5	0	40		1.00
54451		6.26	0.013													
54452		7.46	0.005													
54453		7.26	0.061													
54454		0.08	0.882													
54455		6.10	0.010	<0.2	0.34	31	<10	120	0.6	<2	0.26	< 0.5	5	45	8	1.79
54456		5.66	0.006													
54457		4.36	0.014													
54458		4.72	0.006													
54459		5.58	<0.005													
54460		4.78	< 0.005	<0.2	0.38	16	<10	120	0.5	<2	0.09	<0.5	7	35	21	2.06
					0.00										-	
54461		6.42	< 0.005													
54462		4.86	<0.005													
54463		4.24	<0.005													
54464		2.38	< 0.005			٠.	4.0	252	2.5	-	0.00	0.5	0	40	8	0.77
54465		5.06	<0.005	<0.2	0.36	24	<10	250	<0.5	5	0.08	<0.5	2	49	8	0.77
54466		5.12	<0.005										· · · · · · · · · · · · · · · · · · ·			
54467		5.16	< 0.005													
54468		5.34	< 0.005													
54469		3.80	<0.005													
54470		3.78	< 0.005	<0.2	0.32	26	<10	150	<0.5	12	0.79	<0.5	8	31	21	1.54



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Date: 8-Sep-2002

Account: MUC

							CERTIFICATE OF ANALYSIS VA02003120									
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 , Ag ppm 0.2	ME-ICP41 A! % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Gu ppm 1	ME-ICP41 Fe % 0.01
54471		2.68	<0.005												-	
54472		8.44	<0.005													
54473		7.52	<0.005													
54474		0.08	1.440							_		2.5		07	40	1.00
54475		6.86	<0.005	<0.2	0.35	28	<10	100	0.6	<2	2.44	<0.5	9	27	13	1.86
54476	-	7.26	<0.005								•					
54477		3.84	<0.005													
54478		7.32	< 0.005													
54479		1.08	< 0.005													
54480		6.02	<0.005	0.2	0.36	21	<10	80	0.5	<2	2.63	<0.5	7	29	17	1.72
54481		6.22	< 0.005	·											·	
54482		7.20	< 0.005													
54483		6.56	<0.005													
54484		3.16	<0.005													
54485		6.94	<0.005	<0.2	0.51	33	<10	80	0.7	<2	3.65	<0.5	9	28	30	2.28
54486	•	6.74	<0.005													
54487		6.80	<0.005													
54488		6.78	< 0.005													
54489		6.96	<0.005													
54490		7.42	0.005	<0.2	0.39	38	<10	50	<0.5	3	0.13	<0.5	6	37	14	2.01
				\0.2	0.53		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		VO. 5		0.10	10.0				
54491		5.68	<0.005													
54492		5.48	<0.005													
54493		5.94	<0.005													
54494		0.08	0.782													0.00
54495		6.80	<0.005	<0.2	1.00	58	<10	50	0.7	3	2.44	<0.5	16	64	36	2.93
54496		7.02	<0.005				•									
54497		5.22	0.005													
54498		3.22	0.007													
54499		5.36	0.009													
54500		7.26	< 0.005	< 0.2	0.54	35	20	80	0.7	<2	0.73	<0.5	7	32	. 9	1.90
			0.007					•								
54501 54502		7.46 7.04	0.007													
54502 54503		7.04	0.007													
54504		2.82	0.007	<0.2	0.24	51	<10	50	<0.5	9	0.24	<0.5	14	26	26	3.55
54505		6.38	0.007	<u.z< td=""><td>0.24</td><td>31</td><td><10</td><td>JU</td><td>₹0.0</td><td></td><td>0.24</td><td></td><td>17</td><td>- 40</td><td>20</td><td></td></u.z<>	0.24	31	<10	JU	₹0.0		0.24		17	- 40	20	
54506		5.96	0.008													
									•							
		1														



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Total # of pages: 3 (A - C)
Date: 8-Sep-2002

Account: MUC

									CERTIFICATE OF ANALYSIS VA02003				03120			
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Min ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P PPM 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54431 54432 54433 54434									·							
54435		10	<1	0.21	60	0.43	655	12	0.07	5	660	54	2.49	6	<1	552
54436 54437 54438 54439 54440		10	<1	0.23	40	0.14	414	23	0.06	4	500	326	1.05	157	<1	166
54441 54442 54443	 	10		0.23		0.14			0.00	<u> </u>		520				100
54445		<10	<1	0.25	50	0.17	624	342	0.06	7	630	63	1.72	5	<1	193
54446 54447 54448 54449 54450		<10	1	0.32	30	0.06	112	5	0.01	10	700	16	1.64	2	<1	105
54451 54452 54453 54454 54455		<10	1	0.20	40	0.09	164	2	0.04	10	740	19	1.19	2	<1	111
54456 54457 54458 54459 54460		<10	<1	0.25	30	0.04	114	3	0.01	11	630	39	1.56	2	<1	32
54461 54462 54463 54464 54465		<10	<1	0.27	30	0.03	19	4	0.02	5	260	67	0.60	<2	<1	46
54466 54467 54468 54469 54470		10	<1	0.24	30	0.38	699	5	0.02	9	640	42	1.30	4	<1	160



EXCELLENCE IN ANALYTICAL CHEMISTRY

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To: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6 Page #: 3 - B
Total # of pages: 3 (A - C)

Date: 8-Sep-2002 Account: MUC

								CERTIFICATE OF ANALYSIS VA02003120						3120		
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P PPm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54471 54472 54473 54474																
54475 54476		20	<1	0.23	20	0.52	1300	3	0.02	11	750	30	1.71	<2	<1	474
54477 54478 54479 54480		10	<1	0.23	20	0.11	707	2	0.01	10	710	42	1.87	3	<1	437
54481 54482 54483				. ==							· · · · · · · · · · · · · · · · · · ·		-			
54484 54485		10	<1	0.38	30	0.36	847	2	0.04	10	1170	29	2.49	3	1	587
54486 54487 54488 54489 54490		<10	<1	0.29	20	0.05	15	2	0.01	10	740	30	1.96	<2	<1	55
54491 54492 54493 54494 54495		10	<1	0.63	10	1.06	779	26	0.02	32	1670	47	2.75	2	3	541
54496 54497 54498 54499		10				1.00	113		0.02		1070		··· -			•
54500 54501 54502 54503		10	<1	0.30	20	0.56	432	6	0.03	11	690	25	1.85	2	1	196
54504 54505		<10	<1	0.16	20	0.02	137	16	0.01	14	1770	147	2.78	2	t	73
54506														. 80		



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Total # of pages: 3 (A - C)
Date: 8-Sep-2002

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								CERTIFICATE OF ANALYSIS VA02003120
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-IGP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54431								
54432 54433								
54434								
54435		<0.01	<10	310	10	<10	82	
54436								
54437								•
54438 54439								
54440		<0.01	10	270	9	<10	54	
54441							<u></u>	
54442								
54443								
54444 54445		.a.a.	10	040	c	40	70	
L		<0.01	10	240	6	<10	78	
54446 54447								
54448								
54449								
54450		<0.01	<10	110	3	<10	17	
54451						****		
54452								
54453								
54454 54455		<0.01	<10	120	3	<10	44	
54456		10.01	×10					
54457								
54458								
54459								
54460		<0.01	<10	120	2	<10	63	
54461								
54462								
54463 54464								
54465		<0.01	<10	100	2	<10	18	
54466				-				
54467								
54468								
54469 54470		<0.01	<10	80	2	<10	59	
J-410		20.01	<10	- 00	۷	<10	39	



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CERTIFICATE OF ANALYSIS

Page #: 3 - C
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VA02003120

Date: 8-Sep-2002

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Sample Description 54471 54472 54473 54474 54475 54476 54477 54478 54479	Method Analyte Units LOR	ME-ICP41 TI % 0.01 <0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-IGP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2				 	
54472 54473 54474 54475 54476 54477 54478 54479			<10	50	2	<10	00					
54477 54478 54479		<0.01	•				00			 	 <u>-</u>	
54480			<10	60	2	<10	76			 	 - <u>-</u> -	
54481 54482 54483 54484 54485	:	<0.01	<10	90	9	<10	107			 		
54486 54487 54488 54489 54490		<0.01	<10	80	2	<10	5		 		 	
54491 54492 54493 54494 54495		0.02	<10	80	22	<10	49			 	 	<u>.</u>
54496 54497 54498 54499 54500		<0.01	<10	70	6	<10	38					
54501 54502 54503 54504 54505		<0.01	<10	60	2	<10	8				 	
54506			1				~~~					



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Date: 12-Sep-2002

Account: MUC

CERTIFICATE VA02003145

Project: BC305

P.O. No:

This report is for 7 PULP samples submitted to our lab in North Vancouver, BC, Canada on 9-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
LOG-21	Sample logging - ClientBarCode

	ANALYTICAL PROCEDUR	RES
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION ATTN: GORDON ALLEN 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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CERTIFICATE OF ANAL	VSIS VAN	2003145
CENTIFICATE OF ANAL	-1313 VAU	2000170

								<u></u>	CEF	RTIFICA	TE OF	ANALYS	sis v	/A02003	3145	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ag ppm 0.2	ME-ICP41 AI % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10	ME-ICP4 [:] Hg ppm 1
54568		0.4	1.24	7	<10	120	<0.5	7	0.92	<0.5	11	343	37	2.25	<10	<1
542 45		0.9	1.72	83	<10	7 0	<0.5	3	0.83	<0.5	6	68	73	7.35	<10	<1
54528		0.4	1.89	8	<10	220	0.6	10	1.29	<0.5	11	479	39	2.71	10	<1
54548		1.0	2.42	96	<10	170	0.7	4	1.27	8.0	6	172	79	8.64	10	<1
54375		1.0	1.73	90	<10	80	<0.5	6	0.83	<0.5	6	69	75	7.44	<10	<1
54395		0.4	1.32	11	<10	130	<0.5	8	0.97	<0.5	11	353	39	2.40	<10	<1
54474		0.4	1 37	5	<10	130	<0.5	5	1.00	<0.5	11	352	39	2.47	<10	<1
		:														
		-														
		1														



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Aurora Laboratory Services Ltd.

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To: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

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Date: 12-Sep-2002

Account: MUC

									CER	TIFICA	TE OF A	NALYS	IS \	/A02003	3145	
Sample Description	Method Analyte Units LOR	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Ti % 0.01	ME-ICP41 TI ppm 10
54568		0.12	<10	0.72	496	10	0.10	212	570	23	0.07	<2	4	49	0.12	<10
54245		0.30	10	0.82	280	2	0.07	32	520	106	1.14	4	3	44	0.04	<10
54528		0.28	10	0.81	577	12	0.29	219	590	25	0.14	<2	6	104	0.16	<10
54548		0.50	10	0.97	417	3	0.13	35	690	104	1.39	<2	5	125	0.05	<10
54375		0.30	10	0.84	288	2	0.07	34	530	107	1,17	2	3	45	0.04	<10
54395		0.13	<10	0.75	518	11	0.10	224	610	24	0.07	<2	4	51	0.13	<10
54474		0.13	<10	0.77	539	12	0.10	224	630	27	0.07	<2	4	51	0.13	<10



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						CERTIFICATE OF ANALYSIS VA02003145
Sample Description	Method Analyte Units LOR	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-(CP41 W ppm 10	ME-ICP41 Zn ppm 2	
54568 54245 54528 54548 54375		<10 <10 <10 <10 <10	55 31 67 44 31	10 10 10 10 10	47 39 53 48 41	
54395 54474		<10 <10	57 58	10 10	50 50	



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To: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

Page #: 1 Date: 9-Sep-2002 Account: MUC

CERTIFICATE VA02003151

Project: BC 305

P.O. No:

This report is for 28 DRILL CORE samples submitted to our lab in North Vancouver, BC,

Canada on 3-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORD ALLEN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES								
ALS CODE	DESCRIPTION	INSTRUMENT						
Au-AA23	Au 30g FA-AA finish	AAS						
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES						

To: RUBICON MINERALS CORPORATION
ATTN: MICHAEL GRAY
888 - 1100 MELVILLE ST.
VANCOUVER BC V6E 4A6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

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CERTIFICATE OF ANALYSIS

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Total # of pages: 2 (A - C)
Date: 9-Sep-2002

VA02003151

Account: MUC

						7,0200010										
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ça % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Go ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP4* Fe % 0.01
54551 54552 54553		6.84 7.42	0.036 0.035						·						· · · · · · · · · · · · · · · · · · ·	
54553 54554 54555		1.08 7.12 4.40	<0.005 0.037 0.047	0.2	0.47	75	10	20	0.6	3	1.46	<0.5	12	28	97	4.10
54556 54557 54558	<u>.</u>	4.34 1.94 1.08	0.042 0.087 0.071						0.0		1.40	<u> </u>	12		31	4.10
5455 9 54560		4.32 4.54	0.071 0.036	<0.2	0.39	58	10	40	0.6	3	0.53	<0.5	7	32	40	2.52
54561 54562 54563 54564		2.84 7.26 7.52 2.82	0.032 0.048 0.042 0.071												·	
54565 54566		6.70 7.26	0.074	0.2	0.45	203	<10	20	0.5	2	1.54	<0.5	21	16	81	4.62
54567 54568 54569		1.62 0.08 7.86	0.128 1.275 0.196													
54570 54571 54572		7.30 6.34	0.218 0.292 0.213	1.0	0.40	171	10	20	<0.5	2	1.66	<0.5	11	16	29	3.06
54573 54574 54575		5.70 5.18 5.06	0.256 0.439 0.255	0.2	0.77	160	<10	20	0.6	<2	1.35	0.7	12	23	74	2.76
54576 54577 54578		3.10 2.50 1.64	0.063 0.055 0.054										·			
		1														



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(CERTIFICATE OF ANALYSIS	VA02003151	

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-(CP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54551 54552 54553 54554 54555		<10	1	0.37	30	0.73	686	329	0.05	19	1550	73	4.48	33	2	820
54556 54557 54558 54559 54560		<10	<1	0.32	40	0.41	211	98	0.02	14	740	53	2.59	15	1	581
54561 54562 54563 54564 54565	•	<10	<1	0.34	30	0.68	1290	23	0.03	23	2620	82	4,77	29	3	766
54566 54567 54568 54569 54570		<10	1	0.31	30	0.86	1090	80	0.03	13	1300	152	3.30	25	2	937
54571 54572 54573 54574 54575		<10	1	0.36	40	0.88	946	55	0.03	21	1390	123	2.41	21	3	904
54576 54577 54578																
		1														



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Date: 9-Sep-2002 Account: MUC

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								<u> </u>	CE	HIFIC	ATE OF	ANAL'	rsis	VA	20031	51	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2									-1.1-	
54551	****																
54552 54553																	ļ
54554																	
54555		<0.01	10	10	10	<10	38										
54556																	
54557 54558		İ															
54559																	
54560		<0.01	10	10	7	<10	20										
54561																	
54562 54563																	
54564																	
54565		<0.01	10	10	16	<10	106										
54566				,						•							
54567																	
54568 54569																	
54570		<0.01	<10	20	7	<10	71										
54571																	
54572																	
54573 54574																	
54575		<0.01	10	20	10	<10	199										
54576						-											
54577																	
54578																	
		<u> </u>															



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Page #: 1

Date: 9-Sep-2002 Account: MUC

CERTIFICATE VA02003152

Project: BC 305

P.O. No:

This report is for 10 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 3-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORD ALLEN

<u> </u>	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	-
WEI-21	Received Sample Weight	
LOG-22	Sample login - Rcd w/o BarCode	
CRU-31	Fine crushing - 70% <2mm	
SPL-21	Split sample - riffle splitter	
PUL-31	Pulverize split to 85% <75 um	

	ANALYTICAL PROCEDUR	IES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION

ATTN: MICHAEL GRAY 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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Date : 9-Sep-2002 Account: MUC

,		
CERTIFICATE OF ANAL	_YSIS	VA02003152

<u> </u>								<u> </u>	CERTIFICATE OF ANALYSIS VA02003152							
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54579 54580		5.66 7.10	0.044 0.050													
54581 54582		7.66 0.08	0.030 0.728			-										
54583		3.78	0.014	<0.2	0.17	49	<10	80	<0.5	3	0.14	0.5	3	34	10	1.34
54584 54585 54586		4.46 5.48 7.48	0.014 0.024 0.023													
54587 54588		1.04 7.26	<0.005 0.026	<0.2	0.21	169	<10	30	0.6	6	1.01	<0.5	12	28	60	3.62



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Date : 9-Sep-2002

Account: MUC

			≥	ME-ICP41 K % 0.01	ME-IGP41 La ppm 10				CERTIFICATE OF ANALYSIS VA02003152							
A.	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1			ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 \$ % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54579 54580 54581 54562 54583		<10	1	0.14	30	0.15	187	5	0.03	5	240	74	1.37	12	<1	275
54584 54585 54586 54587						0.55	4400	10	0.00	24	1460	70	3.84	16	1	486
54588		<10	<1	0.17	30	0.55	1120	10	0.03	24	1460	70	3.04	10	•	400
		ı														



EXCELLENCE IN ANALYTICAL CHEMISTRY

Aurora Laboratory Services Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

Page #: 2 - C
Total # of pages: 2 (A - C)

Date : 9-Sep-2002

Account: MUC

								3,5520
1	·	1	 				 	CERTIFICATE OF ANALYSIS VA02003152
Sample Description	Method Analyte Units LOR	ME-ICP41 TI % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U PPM 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54579 54580 54581 54582								
54583 54584		<0.01	10	10	11	<10	211	
54584 54585 54586 54587 54588		<0.01	<10	10	8	<10	130	
	;							
								



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Aurora Laboratory Services Ltd. 212 Brooksbank Avenue North Vancouver BC V7J 2C1 Canada **DISTRUBICON MINERALS CORPORATION** 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

Page # : 1 Date: 12-Sep-2002

Account: MUC

CERTIFICATE VA02003214

Project: BC 305

P.O. No:

This report is for 90 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 5-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORD ALLEN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
LOG-22	Sample login - Rcd w/o BarCode	
CRU-31	Fine crushing - 70% <2mm	•
SPL-21	Split sample - riffle splitter	
PUL-31	Pulverize split to 85% <75 um	

·	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION ATTN: GORD ALLEN 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Effect Con



EXCELLENCE IN ANALYTICAL CHEMISTRY

Aurora Laboratory Services Ltd.

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o: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6 Page #: 2 - A
Total # of pages: 4 (A - C)
Date: 12-Sep-2002

Account: MUC

Project : BC 305

CERTIFICATE OF ANALYSIS VA02003214

	CEITH ICATE OF ARALISIS												VA02000214			
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 AI % 0.01	ME-ICP41 As ppm 2	ME-JCP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-JCP41 Fe % 0.01
54589		6.46	0.042	·					<u> </u>							
54590		7.60	0.060													
54591		5.46	0.076													
54592		2.80	0.077													
54593		1.82	0.079	<0.2	0.16	146	<10	100	<0.5	5	0.21	<0.5	2	27	23	1.42
54594		5.98	0.109													
54595		3.64	0.065													
54596		3.52	0.032													
54597		7.08	0.027													
54598		2.96	0.023	<0.2	0.18	94	<10	100	0.5	3	0.21	< 0.5	3	26	21	1.61
54599		4.44	0.045				-									
54600		6.80	0.040													
54601		6.68	0.041													
54602		0.08	1.495													
54603		7.18	0.042	<0.2	0.25	265	<10	40	1.0	7	0.63	<0.5	9	18	54	3.46
54604		6.96	0.032					<u> </u>				"	·			
54605		6.88	0.047													
54606		7.02	0.042													
54607		7.16	0.052													
54608		7.06	0.041	<0.2	0.18	209	<10	40	0.7	10	1.20	<0.5	11	19	70	3.65
54609		6.98	0.053													· · · · · ·
54610		7.12	0.036													
54611		3.76	0.032													
54612		1.84	0.031													
54613		3.00	0.014	<0.2	0.21	83	<10	90	0.6	<2	0.17	<0.5	3	31	12	1.27
54614		3.54	0.019					·· <u>-</u> ··								
54615		3.10	0.030													
54616		2.68	0.035													
54617		2.62	0.076													
54618		3.30	0.064	<0.2	0.21	212	<10	30	0.6	8	0.74	<0.5	10	21	71	3.38
54619		2.06	0.087													
54620		3.22	0.028													
54621		3.24	0.071													
54622		0.08	0.822													
54623		4.00	0.083	<0.2	0.18	248	<10	20	0.8	8	1.34	<0.5	10	16	106	3.78
54624		1.48	0.046	··												
54625		2.26	0.079													
54626		2.88	0.053													
54627		1.06	< 0.005													
54628		3.44	0.024	<0.2	0.20	176	<10	30	1,1	12	1.39	<0.5	9	23	69	3.05



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o: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6 Page #: 3 - A
Total # of pages: 4 (A - C)
Date: 12-Sep-2002

Account: MUC

								<u> </u>	CERTIFICATE OF ANALYSIS VA02003214								
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	
54629		3.80	0.022														
54630		3.74	0.018														
54631		3.64	0.027														
54632		2.00	0.025														
54633		3.68	0.036	<0.2	0.18	263	<10	20	1.0	4	0.93	<0.5	11	14	87	3.75	
54634		1.16	0.046														
54635		4.28	0.037														
54636		5.62	0.033														
54637		3.18	0.026														
54638		3.62	0.056	0.2	0.22	160	<10	40	0.8	4	0.40	<0.5	7	29	53	2.57	
54639		3.42	0.052							•							
54640		3.76	0.044														
54641		3.30	0.047														
54642		0.08	0.804														
54643		3.28	0.057	< 0.2	0.21	154	<10	30	0.7	8	0.79	<0.5	8	31	57	2.59	
														.	· ·		
54644		3.20 3.22	0.053														
54645		1	0.039														
54646		3.34	0.043														
54647		3.36 3.42	0.038 0.078	0.3	0.14	170	<10	30	0.5	5	0.89	0.5	6	20	55	2.29	
54648				0.3	0.14	170	<10	30	0.5	<u></u>	0.09	0.5	0	20	33	2.23	
54649		3.24	0.031														
54650		3.34	0.039														
54651		2.60	0.048														
54652		1.34	0.058														
54653		3.48	0.038	<0.2	0.17	142	<10	60	0.5	3	0.31	< 0.5	7	19	52	2.42	
54654		3.82	0.060														
54655		3.52	0.036														
54656		3.36	0.049														
54657		3.46	0.037														
54658		3.32	0.036	<0.2	0.17	164	<10	30	0.7	4	0.38	<0.5	8	17	59	2.65	
54659			0.022			_			• • • • • • • • • • • • • • • • • • • •					 			
		1.56 5.92	0.032														
54660 54661		0.08	0.034 5.15														
		3.22	0.046														
54662 54663		3.38	0.046	<0.2	0.19	161	<10	30	0.6	4	0.40	<0.5	8	18	52	2.49	
				<∪.∠	0.18	101	<10	JU	0.0	4	0.40	\U. J		10			
54664		3.02	0.057														
54665		3.90	0.049														
54666		1.06	<0.005														
54667		3.58	0.076										_	_			
54668		3.12	0.088	<0.2	0.17	137	<10	110	0.6	2	0.17	<0.5	3	19	15	1.55	



EXCELLENCE IN ANALYTICAL CHEMISTRY

Aurora Laboratory Services Ltd. 212 Brooksbank Avenue North Vancouver BC V7J 2C1 Canada Phone: 604 984 0221 Fax: 604 984 0218 **O: RUBICON MINERALS CORPORATION** 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

CERTIFICATE OF ANALYSIS

Page #: 4 - A Total # of pages: 4 (A - C) Date: 12-Sep-2002

VA02003214

Account: MUC

Sample Description	Method Analyte Units LOR	kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54669		3.24	0.129													
54670		3.42	0.108													
54671		1.82	0.097													
54672		4.22	0.068													
54673		2.56	0.110	< 0.2	0.22	283	<10	30	0.7	3	0.40	<0.5	9	24	78	3.02
54674		3.44	0.130													
54675		3.72	0.119													
54676		5.80	0.162													
54677		4.02	0.061													
54678		4.22	0.032	<0.2	0.20	201	<10	110	0.7	2	0.22	<0.5	2	32	17	1.38



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Fo: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6 Page #: 2 - B
Total # of pages: 4 (A - C)
Date: 12-Sep-2002

Account: MUC

									CEF	TIFICA	TE OF A	NALYS	IS \	/A02003	3214	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 \$b ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54589 54590 54591 54592 54593		<10	<1	0.13	20	0.10	173	7	0.02	5	320	84	1.55	9	<1	167
54594 54595 54596 54597 54598		<10	<1	0.15	20	0.20	269	5	0.03	7	450	40	1.76	6	<1	205
54599 54600 54601 54602 54603		<10	. 1	0.19	30	0.18	242	7	0.04	20	2200	39	3.93	9	1	350
54604 54605 54606 54607 54608		<10	<1	0.13	20	0.58	1265	7	0.04	29	1400	18	4.07	10	2	561
54609 54610 54611 54612 54613		<10	1	0.15	20	0.05	77	4	0.04	6	500	15	1.40	5	<1	140
54614 54615 54616 54617 54618	-	<10	2	0.15	30	0.28	351	25	0.03	17	1690	34	3.82	9	1	615
54619 54620 54621 54622 54623		<10	1	0.14	40	0.73	2280	9	0.04	12	1770	59	3.96	9	2	602
54624 54625 54626 54627 54628		<10	1	0.16	40	0.57	1415	6	0.04	14	1960	54	3.43	9	2	706



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To: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6 Page #: 3 - B
Total # of pages: 4 (A - C)

Date: 12-Sep-2002 Account: MUC

									CEF	TIFICA	TE OF A	NALYS	is v	/A02003	3214	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-(CP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P PPM 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54629 54630 54631 54632 54633	10 <u>-</u>	<10	1	0.14	30	0.35	1325	11	0.04	22	2080	42	4.21	10	2	538
54634 54635 54636 54637 54638		<10	<1	0.18	30	0.08	114	17	0.04	15	1350	47	2.90	4	1	230
54639 54640 54641 54642 54643		<10	<1	0.17	20	0.32	629	9	0.05	14	980	53	2.99	5	1	669
54644 54645 54646 54647 54648		<10	1	0.11	20	0.35	909	20	0.03	13	870	131	2.61	8	1	244
54649 54650 54651 54652 54653		<10	< 1	0.14	30	0.06	91	8	0.03	14	990	72	2.74	8	1	220
54654 54655 54656 54657 54658		<10	1	0.13	30	0.07	75	8	0.03	15	1220	48	3.03	4	1	255
54659 54660 54661 54662 54663		<10	3	0.14	20	0.08	94	8	0.03	15	1290	33	2.83	4	1	261
54664 54665 54666 54667 54668		<10	<1	0.15	30	0.07	65	2	0.01	5	350	30	1.73	4	<1	121



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Aurora Laboratory Services Ltd.

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TO: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

Page #: 4 - B
Total # of pages: 4 (A - C)
Date: 12-Sep-2002

Account: MUC

									CEF		TE OF A	NALYS	is v	/A02003	3214	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P PPM 10	ME-ICP41 Pb ppm 2	ME-ICP41 \$ % 0.01	ME-ICP41 \$b ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54669 54670 54671 54672 54673		<10	3	0.16	30	0.08	100	7	0.03	20	1310	41	3.43	7	1	228
54674 54675 54676 54677 54678		<10	<1	0.17	20	0.08	110	1	0.03	5	470	39	1.50	6	<1	220
H070			``	S	20	0.00		·	0.00	v	\$	33		v		



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Total # of pages: 4 (A - C)
Date: 12-Sep-2002

Account: MUC

								CERTIFICATE OF ANALYSIS VA02003214
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U PPm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54589								
54590 54591 54592								
54593		<0.01	<10	<10	2	<10	81	
54594 54595 54596								
54597					_			
54598		<0.01	<10	<10	3	<10	45	· ······· ····· ······················
54599 54600 54601 54602								
54603		<0.01	<10	<10	9	<10	48	
54604 54605 54606 54607 54608		<0.01	<10	<10	9	<10	25	
54609 54610 54611 54612 54613	· 	<0.01	<10	<10	2	<10	11	
54614 54615 54616 54617			-	·· <u></u>				
54618		<0.01	<10	<10	7	<10	35	
54619 54620 54621 54622 54623		.001	<10	~10	16	.40	100	
54624 54625 54626		<0.01	<10	<10	16	<10	136	
54627 54628		<0.01	<10	<10	12	<10	71	
<u> </u>			· · · · · · · · · · · · · · · · · · ·					



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Total # of pages: 4 (A - C)
Date: 12-Sep-2002

Account: MUC

								CERTIFICATE OF	ANALYSIS	VA02003214	.]
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 TI PPM 10	ME-(CP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2				
54629 54630 54631 54632 54633		<0.01	<10	<10	10	<10	72				
54634 54635 54636 54637		(0.01			10						
54638 54639 54640 54641		<0.01	<10	<10	6	<10	44				
54642 54643 54644 54645 54646		<0.01	<10	<10	7	<10	55				
54647 54648 54649 54650	···	<0.01	<10	<10	5	<10	258				
54651 54652 54653 54654		<0.01	<10	<10	4	<10	115				<u>.</u> .
54655 54656 54657 54658		<0.01	<10	<10	5	<10	48				
54659 54660 54661 54662 54663		<0.01	<10	<10	4	<10	25				
54664 54665 54666 54667 54668		<0.01	<10	<10	2	<10	9				



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Total # of pages: 4 (A - C)

Date: 12-Sep-2002 Account: MUC

								С	ERTIFICATI	OF ANALY	SIS	VA020032	214
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2						
54669 54670 54671 54672 54673		<0.01	<10	<10	5	<10	33						
54674 54675 54676 54676 54677 54678		<0.01	<10	<10	2	<10	49		, <u>, , , , , , , , , , , , , , , , , , </u>				



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Aurora Laboratory Services Ltd. 212 Brooksbank Avenue North Vancouver BC V7J 2C1 Canada Phone: 604 984 0221 Fax: 604 984 0218 O: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

Date: 16-Sep-2002

Account: MUC

CERTIFICATE VA02003248

Project: BC305

P.O. No:

This report is for 76 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 6-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
LOG-22	Sample login - Rcd w/o BarCode	
CRU-31	Fine crushing - 70% <2mm	
SPL-21	Split sample - riffle splitter	
PUL-31	Pulverize split to 85% <75 um	

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION ATTN: GORDON ALLEN 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



EXCELLENCE IN ANALYTICAL CHEMISTRY

Aurora Laboratory Services Ltd.
212 Brooksbank Avenue
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Phone: 604 984 0221 Fax: 604 984 0218

o: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

'age #: 2 - A Total # of pages: 3 (A - C)

Date : 16-Sep-2002

Account: MUC

									CER	TIFICA	TE OF A	NALYS	IS V	/A02003	3248	
Sample Description	Method Analyte Units LOR	WEI-21 Recyd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Ai % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54679		3.60	0.045													
54680		3.02	0.040													
54681		0.08	0.722													
54682		3.96	0.041													
54683		3.06	0.029	<0.2	0.28	193	<10	60	0.6	<2	0.11	<0.5	3	67	14	1.55
54684		2.74	0.028													
54685		3.38	0.030													
54686		2.70	0.034													
54687		3.62	0.033													
54688		3.02	0.029	<0.2	0.22	186	<10	70	0.5	<2	0.13	<0.5	3	50	19	1.67
54689		2.72	0.029										•			
54690		2.56	0.040													
54691		1.68	0.039													
54692		4.30	0.072													
54693		3.68	0.071	<0.2	0.34	171	<10	50	0.9	<2	0.97	<0.5	8	61	72	2.72
54694		2.80	0.053													
54695		3.64	880.0													
54696		2.72	0.083													
54697		3.62	0.095													
54698		3.76	0.089	<0.2	0.22	135	<10	50	0.5	<2	0.45	<0.5	8	46	49	2.73
54699		3.52	0.088													
54700		4.64	0.144													
54701		0.08	0.807													
54702		3.56	0.088													
54703		3.54	0.075	<0.2	0.21	155	<10	20	0.5	<2	1.37	<0.5	9	30	60	2.95
54704		3.20	0.134													•
54705		3.26	0.058													
54706		1.08	< 0.005													
54707		3.94	0.222													
54708		3.96	0.303	<0.2	0.31	78	<10	70	0.9	<2	2.58	<0.5	11	29	75	3.11
54709		3.80	0.245													· ·
54710		2.92	0.120													
54711		1.74	0.129													
54712		3.24	0.163													
54713		4.12	0.075	<0.2	0.21	139	<10	60	8.0	<2	2.20	<0.5	9	27	68	2.89
54714		3.36	0.058													
54715		4.04	0.044													
54716		3.48	0.070													
54717		2.98	0.183													
54718		3.74	0.183	< 0.2	0.58	171	<10	70	1.4	<2	3.12	< 0.5	13	26	75	3.11



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o: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6 'age #: 3 - A
Total # of pages: 3 (A - C)
Date: 16-Sep-2002

Account: MUC

									CEF	TIFICA	TE OF A	NALYS	IS \	/A02003	3248	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-(CP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54719		2.50	0.143													
54720		3.24	0.168													
54721		0.08	0.743													
54722		3.60	0.160					4.0		_			40		00	2.22
54723		3.40	0.256	0.4	0.33	257	<10	40	1.5	8	3.53	<0.5	12	60	88	3.22
54724		3.04	0.206													
54725		3.34	0.202													
54726		3.90	0.154													
54727		3.24	0.092													
54728		4.08	0.068	0.4	0.31	211	<10	50	8.0	4	1.05	<0.5	10	39	57	2.71
54729		3.86	0.055													
54730		3.68	0.095													
54731		1.90	0.121													
54732		3.16	0.041													
54733		3.36	0.050	0.2	0.29	120	<10	70	0.6	<2	0.23	<0.5	4	62	29	1.55
			0.051								*					
54734		4.28	0.051													
54735		4.08														
54736		3.82	0.050													
54737		3.60	0.026	2.0	0.04	07	<10	80	<0.5	7	0.43	<0.5	3	43	12	1.33
54738		3.30	0.030	0.2	0.21	87										
54739		0.08	1.565	0.5	1.40	9	10	140	<0.5	<2	0.92	<0.5	12	376	38	2.32
54740		3.82	0.037													
54741		3.58	0.030													
54742		3.42	0.053													
54743		3.44	0.027	0.2	0.26	91	<10	50	<0.5	8	0.48	<0.5	4	42	12	1.37
54744		1.06	< 0.005													
54745		3.68	0.022													
54746		4.06	0.030													
54747		3.46	0.022													
54748		5.96	0.039	0.3	0.40	159	10	70	<0.5	<2	0.32	<0.5	4	64	21	1.76
								·						·	_	
54749 54750		2.10	0.045													
54750		5.38	0.085													
54751		3.20	0.040													
54752		2.80	0.076	ο →	004	254	-10	20	0.5	4	0.41	<0.5	13	33	81	3.30
54753		3.56	0.068	0.7	0.34	354	<10	20	0.5	4	U.41	<0.5	13	აა	. 01	0.00
54754		3.70	0.064	<u>-</u>												
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		1														
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o: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

³age #: 2 - B Total # of pages: 3 (A - C) Date: 16-Sep-2002

e : 16-Sep-2002 Account: MUC

									CER	TIFICA	TE OF A	NALYS	IS V	/A02003	3248	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54679							**************************************					•				
54680																
54681																
54682 54683		<10	<1	0.20	20	0.05	36	6	0.08	7	290	42	1.56	3	<1	82
54684									0.00			74	1.50			
54685		1														
54686																
54687		1														
54688		<10	<1	0.16	30	0.04	36	4	80.0	7	390	35	1.70	3	<1	352
54689										•						
54690		1														
54691		-														
54692																
54693		10	<1	0.29	50	0.39	828	6	0.06	14	1080	50	2.94	6	1	1170
54694																
54695																
54696																
54697																
54698		10	<1	0.17	40	0.12	298	10	0.06	17	1110	48	2.88	4	1	414
54699		1				•										
54700																
54701																
54702																
54703		20	<1	0.16	40	0.60	1430	15	0.04	19	1120	45	3.24	4	1	420
54704				-												
54705																
54706																
54707																
54708		10	<1	0.26	60	1.27	1070	2	0.04	12	1750	36	1.96	4	2	991
54709									-							
54710																
54711																
54712																
54713		10	<1	0.17	40	0.95	1125	6	0.05	13	1260	54	2.79	5	1	727
54714																
54715																
54716																
54717																
54718		10	<1	0.51	60	1.29	959	<1	0.04	13	2010	42	1.98	5	2	1115



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'age #: 3 - B Total # of pages: 3 (A - C)

Date: 16-Sep-2002 Account: MUC

									CEF	RTIFICA	TE OF A	NALYS	is \	/A02003	3248	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 5 % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54719 54720 54721 54722 54723	, · -	<10	<1	0.25	30	1.77	2020	6	0.04	13	1700	67	3.57	6	2	674
54724 54725 54726 54727 54728		<10	1	0.25	20	0.26	447	9	0.05	15	1000	40	3.09	4	1	561
54729 54730 54731 54732 54733	_	<10	<1	0.23	20	0.06	86	7	0.05	8	430	46	1.66	4	<1	133
54734 54735 54736 54737 54738		<10	1	0.17	20	0.05	129	5	0.05	6	230	40	1.48	3	<1	216
54739 54740 54741 54742 54743	-	<10	<1 <1	0.15	<10	0.71	499 146	10 32	0.14	207	550 480	20 34	0.06 1.55	<2 4	4 <1	53 120
54744 54745 54746 54747 54748		<10	<1	0.33	20	0.07	100	21	0.02	6	440	76	1.99	6	<1	330
54749 54750 54751 54752 54753		<10	2	0.27	20	0.05	93	96	0.01	22	1330	60	3.79	10	1	357
54754																



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'age #: 2 - C Total # of pages: 3 (A - C) Date: 16-Sep-2002

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								CERTIFICATE OF ANALYSIS VA02003248
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54679 54680 54681 54682		<0.01	<10	150	3	40	F0	
54683 54684 54685 54686 54687						<10	50	
54688 54689 54690 54691 54692		<0.01	<10	150	3	<10	49	
54693 54694 54695 54696 54697		<0.01	<10	200	11	<10	75	
54698 54699 54700 54701 54702		<0.01	<10	130	6	<10	67	
54703 54704 54705 54706 54707		<0.01	<10	90	8	<10	57	
54708 54709 54710 54711 54712		<0.01	<10	60	16	<10	70	
54713 54714 54715 54716		<0.01	<10	90	13	<10	87	
54717 54718		0.02	<10	100	32	<10	113	



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D: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

'age #: 3 - C Total # of pages: 3 (A - C)

Date: 16-Sep-2002 Account: MUC

								CERTIFICATE OF ANALYSIS VA02003248
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W PPm 10	ME-ICP41 Zn ppm 2	
54719	_	\		· ·· -				
54720								
54721 54722								
54723		<0.01	<10	10	14	10	125	
54724								
54725		}						
54726								
54727 54728		<0.01	<10	10	8	10	61	
1		<0.01	<10	10	8	10	01	
54729 54730								
54731								
54732								
54733		<0.01	<10	10	4	10	60	
54734						., .		
54735		1						
54736								
54737			40	40	•	40	50	
54738		<0.01	<10	10	2	10	56	
54739		0.12	<10	<10	56	10	67	
54740 54741								
54742								
54743		<0.01	<10	10	2	10	21	
54744					•			
54745								
54746								
54747			40	40	•	40	40	
54748		<0.01	<10	10	3	10	16	
54749								
54750								
54751 54752								
54753		<0.01	<10	10	7	10	25	
54754		 						
07/34								
1								
1								



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D: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6 Page #: 1
Date: 12-Sep-2002
Account: MUC

CERTIFICATE VA02003292

Project : BC305

P.O. No:

This report is for 1 DRILL CORE sample submitted to our lab in North Vancouver, BC, Canada on 9-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

	ANALYTICAL PROCEI	DURES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: RUBICON MINERALS CORPORATION ATTN: GORDON ALLEN 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to sample as submitted. All pages of this report have been checked and approved for release.

Signature:

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Date: 12-Sep-2002

Account: MUC

				 	CERTIFICATE	OF ANALYSI	S VA	02003292	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005						
4856		1.48	0.827		 	"			
		:							



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Page #: 1 Date: 12-Sep-2002

Account: MUC

CERTIFICATE VA02003294

Project: BC305

P.O. No:

This report is for 3 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 9-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

SAMPLE PREPARATION				
ALS CODE	DESCRIPTION			
WEI-21	Received Sample Weight			
CRU-31	Fine crushing - 70% <2mm			
LOG-22	Sample login - Rcd w/o BarCode			
PUL-31	Pulverize split to 85% <75 um			
SPL-21	Split sample - riffle splitter			

	ANALYTICAL PROCEI	DURES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: RUBICON MINERALS CORPORATION ATTN: GORDON ALLEN 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

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CERTIFICATE OF ANALYSIS	VA02003294

							31 711171E1G1	• • • • • • • • • • • • • • • • • • • •	-000201	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005			, .				
4020 4021 4022		0.76 1.42 4.38	0.018 0.185 0.095							
	:									
				·						



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Page #: 1 Date: 12-Sep-2002

Account: MUC

CERTIFICATE VA02003293

Project : BC305

P.O. No:

This report is for 1 SOIL sample submitted to our lab in North Vancouver, BC, Canada on 9-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

_	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
LOG-22	Sample login - Rcd w/o BarCode	
SCR-41	Screen to -180um and save both	
SCR-41+	Screen to -180um (+) fraction	

	ANALYTICAL PROCE	DURES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: RUBICON MINERALS CORPORATION

ATTN: MICHAEL GRAY 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

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Sample Description

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ALS Chemex

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Au-AA23

Au

ppm

0.005

0.007

WEI-21

Recyd Wt

kg

0.02

1.60

Method Analyte

Units

LOR

To: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

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Total # of pages : 2 (A)
Date : 12-Sep-2002
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CERTIFICATE OF ANALYSIS	VA02003293	



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Page #: 1 Date: 12-Sep-2002

Account: MUC

CERTIFICATE VA02003294

Project: BC305

P.O. No:

This report is for 3 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 9-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
CRU-31	Fine crushing - 70% <2mm	
LOG-22	Sample login - Rcd w/o BarCode	
PUL-31	Pulverize split to 85% <75 um	
SPL-21	Split sample - riffle splitter	

	ANALYTICAL PROCE	DURES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: RUBICON MINERALS CORPORATION ATTN: MICHAEL GRAY 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

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Account: MUC

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				 	L	 ANALIGI	* *****	2000237	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005						
54020 54021 54022		0.76 1.42 4.38	0.018 0.185 0.095	, , , , , , , , , , , , , , , , , , ,					
			····		 				



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Page # : 1
Date : 17-Sep-2002
Account: MUC

CERTIFICATE VA02003295

Project: BC305

P.O. No:

This report is for 36 DRILL CORE samples submitted to our lab in North Vancouver, BC,

Canada on 9-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	\Box
LOG-22	Sample login - Rcd w/o BarCode	
CRU-31	Fine crushing - 70% <2mm	Ì
SPL-21	Split sample - riffle splitter	ĺ
PUL-31	Pulverize split to 85% <75 um	ļ

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION ATTN: MICHAEL GRAY

888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

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Total # of pages: 2 (A - C)

Date: 17-Sep-2002 Account: MUC

									CER	TIFICA	TE OF A	NALYS	is \	/A02003	3295	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	ecvd Wt Au kg ppm	ME-ICP41 Ag ppm 0.2	ME-ICP41 A! % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bí ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Go ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54820 54821 54822		5.66 3.58 4.46	0.037 0.032 0.105													
54823 54824		4.78 0.08	0.069 1.645	0.5	1.24	7	10	130	<0.5	<2	0.85	<0.5	11	323	37	2.25
54825 54826 54827 54828		2.30 6.90 4.28 0.90	0.035 0.037 0.023 0.402			_	10			_						
54829 54830 54831 54832		1.06 1.86 2.94 2.00	<0.005 0.048 0.017 0.014	<0.2	0.60	7	10	130	<0.5	<2	0.37	<0.5	4	76	10	1.15
54833 54834		2.20 0.76	0.008 0.008	0.2	0.27	42	<10	80	0.5	<2	0.19	<0.5	3	41	8	1.35
54835 54836 54837 54838 54839		4.56 5.26 2.48 5.18 3.16	0.010 0.013 0.012 0.011 0.037	0.7	0.38	122	10	40	1.2	<2	0.76	<0.5	7	22	55	2.79
54840 54841 54842 54843 54844	· · · · · ·	4.56 4.64 5.48 3.18 0.08	0.019 0.047 0.134 0.055 5.14	1.1	1.67	84	<10	70	<0.5	3	0.74	<0.5	9	65	75	7.01
54845 54846 54847 54848 54849		5.88 7.28 6.58 7.38 5.44	0.306 0.117 0.009 0.010 <0.005	<0.2	1.27	41	<10	50	<0.5	2	3.36	<0.5	16	145	62	3.08
54850 54851 54852 54853 54854		5.44 6.26 6.26 7.26 3.88	0.005 <0.005 <0.005 0.005 0.007	0.2	1.31	98	10	60	0.8	<2	1.99	<0.5	14	124	69	3.08
54855		5.30	0.005													



EXCELLENCE IN ANALYTICAL CHEMISTRY

Aurora Laboratory Services Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

Page #: 2 - B Total # of pages: 2 (A - C)

Date: 17-Sep-2002 Account: MUC

									CER	TIFICA	TE OF A	NALYS	IS V	/A02003	3295	
Sample Description	Method Analyte Units LQR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54820 54821 54822 54823 54824		<10	2	0.11	<10	0.68	483	10	0.00	000	222		0.00			
54825 54826 54827 54828		×10	4	0.11	<10	0.68	483	10	0.09	206	600	25	0.06	<2	4	46
54829 54830 54831 54832 54833	······································	<10	<1	0.18	10	0.53	155	3	0.03	9	270	7	0.06	2	1	11
54834 54835 54836 54837 54838		<10	<1	0.22	20	0.08	84	10	0.03	5	330	85	1.44	6	<1	114
54839 54840 54841 54842		<10	1	0.26	20	0.25	371	19	0.04	12	1560	88	3,11	13	1	466
54843 54844 54845 54846 54847		<10	1	0.29	10	0.78	269	2	0.07	32	500	111	1,13	2	3	43
54848 54849 54850 54851	· · · · · · · · · · · · · · · · · · ·	<10	2	0.17	<10	3.04	913	1	0.03	162	380	6	0.17	2	11	396
54852 54853 54854 54855		<10	2	0.20	<10	2.28	667	3	0.04	110	400	6	0.79	<2	12	301
									· · · · · · · · · · · · · · · · · · ·	_					·	



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Total # of pages: 2 (A - C)
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					_			CERTIFICATE OF ANALYSIS VA02003295
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54820 54821					' -			
54822								
54823 54824		0.11	<10	<10	52	<10	47	
54825								
54826 54827								
54828								
54829		0.01	<10	<10	8	<10	19	·
54830 54831								
54832								
54833 54834		<0.01	<10	<10	2	<10	11	
54835								
54836 5483 7								
54838								
54839		<0.01	<10	<10	. 7	<10	86	
54840 54841								
54842		}						
54843 54844		0.04	<10	<10	29	10	39	
54845								
54846 54847								
54848								
54849		0.01	<10	<10	69	<10	54	
54850 54851								
54852								
54853 54854		0.02	<10	<10	89	<10	65	
54855				710	- UJ		00	
					•			



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Page #: 1 Date: 17-Sep-2002

Account: MUC

CERTIFICATE VA02003295

Project: BC305

P.O. No:

This report is for 36 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 9-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

	SAMPLE PREPARATION	· · · · · · · · · · · · · · · · · · ·
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
LOG-22	Sample login - Rcd w/o BarCode	
CRU-31	Fine crushing - 70% <2mm	
SPL-21	Split sample - riffle splitter	
PUL-31	Pulverize split to 85% <75 um	

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION ATTN: GORDON ALLEN 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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Date: 17-Sep-2002

Account: MUC

									CEF	TIFICA	TE OF A	NALYS	is v	/A02003	3295	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54820		5.66	0.037		***	*******					-					
54821		3.58	0.032													
54822		4.46	0.105													
54823		4.78	0.069													
54824		0.08	1.645	0.5	1.24	7	10	130	<0.5	<2	0.85	<0.5	11	323	37	2.25
54825	•	2.30	0.035													
54826		6.90	0.037													
54827		4.28	0.023													
54828		0.90	0.402													
54829		1.06	< 0.005	<0.2	0.60	7	10	130	<0.5	<2	0.37	<0.5	4	76	10	1.15
54830	****	1.86	0.048					•				· · · · · ·				
54831		2.94	0.017													
54832		2.00	0.014													
54833		2.20	0.008													
54834		0.76	0.008	0.2	0.27	42	<10	80	0.5	<2	0.19	<0.5	3	41	8	1.35
54835		4.56	0.010		·											
54836		5.26	0.013													
54837		2.48	0.012													
54838		5.18	0.011													
54839		3.16	0.037	0.7	0.38	122	10	40	1.2	<2	0.76	< 0.5	7	22	55	2.79
54840		4.56	0.019													
54841		4.64	0.047													
54842		5.48	0.134													
54843		3.18	0.055													
54844		0.08	5.14	1.1	1.67	84	<10	70	<0.5	3	0.74	<0.5	9	65	75	7.01
54845		5.88	0.306							-						7.51
54846		7.28	0.117													
54847		6.58	0.009													
54848		7.38	0.003													
54849		5.44	<0.005	<0.2	1.27	41	<10	50	<0.5	2	3.36	<0.5	16	145	62	3.08
54850		5.44	0.005								0.00	10.0	.0	1-10	V4.	0.00
54851		5.44 6.26	<0.005 <0.005													
54851		6.26														
54853		7.26	<0.005 0.005													
54854		3.88	0.005	0.2	1.31	98	10	60	0.8	<2	1.99	<0.5	14	124	69	3.08
54855		5.30	0.005	J.L					3.0	\ <u>_</u>	1.40			164		3.00
		3.3U	0.003													



Sample Description

Analyte Units

LOR

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Account: MUC

						. 10,	- Ct - DO000									
					ME-ICP41 Mn ppm 5				CER	TIFICA	TE OF A	NALYS	IS V	A02003	3295	
AE-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01		ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 NI PPM 1	ME-ICP41 P Ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1		
<10	2	0.11	<10	0.68	483	10	0.09	206	600	25	0.06	<2	4	46		
<10	<1	0.18	10	0.53	155	3	0.03	. 9	270	7	0.06	2	1	11		
<10	<1	0.22	20	0.08	84	10	0.03	5	330	85	1.44	6	<1	114		
<10	1	0.26	20	0.25	371	19	0.04	12	1560	88	3.11	13	1	466		
<10	1	0.29	10	0.78	269	2	0.07	32	500	111	1.13	2	3	43		
<10	2	0.17	<10	3.04	913	1	0.03	162	380	6	0.17	2	11	396		
<10	2	0.20	<10	2.28	667	3	0.04	110	400	6	0.79	<2	12	301		



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Date: 17-Sep-2002

Account: MUC

								CERTIFICATE OF ANALYSIS VA02003295
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 TI PPM 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54820 54821 54822 54823								
54824 54825		0.11	<10	<10	52	<10	47	
54826 54827 54828								
54829 54830 54831 54832		0.01	<10	<10	8	<10	19	
54833 54834		<0.01	<10	<10	2	<10	11	
54835 54836 54837 54838		,						
54839		<0.01	<10	<10	7	<10	86	
54840 54841 54842 54843 54844		0.04	<10	<10	29	10	39	
54845 54846 54847 54848								
54849		0.01	<10	<10	69	<10	54	<u> </u>
54850 54851 54852 54853								
54854 54855		0.02	<10	<10	89	<10	65	
1 244055			·					



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o: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6 Page #: 1 Date: 15-Sep-2002 Account: MUC

CERTIFICATE VA02003297

Project : BC305

P.O. No:

This report is for 16 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 9-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
LOG-22	Sample login - Rcd w/o BarCode	
CRU-31	Fine crushing - 70% <2mm	
SPL-21	Split sample - riffle splitter	
PUL-31	Pulverize split to 85% <75 um	

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION ATTN: MICHAEL GRAY 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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Thou Box



54769 54770

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Phone: 604 984 0221 Fax: 604 984 0218

4.08

0.079

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CERTIFICATE OF ANALYSIS

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Total # of pages: 2 (A - C)
Date: 15-Sep-2002

VA02003297

Account: MUC

								<u> </u>								
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 AI % 0.01	ME-ICP41 As ppm 2	ME-(CP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Çu ppm 1	ME-ICP41 Fe % 0.01
54755		4.72	0.080													
54756		2.86	0.102													
54757		4.54	0.055													
54758		6.34	0.082							_			_		20	2.18
54759		0.08		<0.2	1.13	4	<10	100	<0.5	<2	0.83	<0.5		84	29	2.10
54760		3.82	0.125													
54761		3.12	0.058													
54762		3.62	0.047													
54763		3.20	0.038													
54764		3.34	0.042	<0.2	0.23	192	<10	30	<0.5	2	1.17	<0.5	10	25	90	2.75
54765		3.72	0.039													
54766		4.02	0.078													
54767		3.82	0.044													
54768		3.62	0.095													
54769		1.60	0.115	0.4	0.16	199	<10	40	< 0.5	3	0.49	< 0.5	12	16	141	3.55



54770

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CERTIFICATE OF ANALYSIS

Total # of pages: 2 (A - C)
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Account: MUC

VA02003297

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 NI ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54755 54756 54757 54758 54759		10	<1	0.11	10	0.68	443	6	0.09	20	560	13	0.10	2	3	41
54760 54761 54762 54763 54764		10	1	0.18	70	0.24	380	37	0.01	15	1230	43	3.07	9	1	303
54765 54766 54767 54768 54769		<10	1	0.14	30	0.15	189	15	0.01	19	1390	49	3.91	16	<1	221



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Total # of pages: 2 (A - C)
Date: 15-Sep-2002

Account: MUC

								CERTIFICATE OF ANALYSIS VA02003297
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54755 54756 54757 54758								
54759 54760		0.09	<10	<10	46	<10	46	
54761 54762 54763								
54764 54765		<0.01	<10	240	4	<10	19	
54766 54767 54768								
54769 54770		<0.01	<10	200	3	<10	31	**************************************



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Page #: 1 Date: 15-Sep-2002

Account: MUC

CERTIFICATE VA02003298

Project: BC305

P.O. No:

This report is for 49 DRILL CORE samples submitted to our lab in North Vancouver, BC. Canada on 9-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION ATTN: MICHAEL GRAY

888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Date: 15-Sep-2002

Account: MUC

									CEF	RTIFICA	TE OF A	NALYS	IS \	/A02003	3298	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0,005	ME-ICP41 Ag ppm 0.2	ME-ICP41 AI % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54771 54772 54773 54774		7.66 6.52 6.48 6.52	0,043 0,050 0,036 0,082					-		_						
54775 54776 54777 54778 54779		0.08 5.00 5.34 6.02 4.94	0.851 0.067 0.067 0.087 0.078	<0.2	1.10	<u></u>	<10	100	<0.5	<2	0.78	<0.5	8	85	29	2.05
54780 54781 54782 54783 54784	<u> </u>	1.06 5.16 3.88 3.00 2.04	<0.005 0.089 0.041 0.028 0.081	<0.2	0.58	5	<10	190	<0.5	<2	0.35	<0.5		101	7	1.03
54785 54786 54787 54788 54789 54790	·	5.22 7.22 6.88 6.74 6.92	0.082 0.150 0.239 0.225 0.103 0.062	<0.2	0.62	98	<10	70	1.1	<2 <2	2.49	<0.5 0.7	20	26	130	2.73 3.95
54791 54792 54793 54794 54795		6.92 6.00 5.66 4.32 5.82 0.08	0.062 0.029 0.043 0.054 0.145 5.23	0.8	1.62	85	<10	70	<0.5	<2	0.73	0.5	12	69	77	7.02
54796 54797 54798 54799 54800		8.80 2.54 2.50 2.32 1.46	0.014 0.006 <0.005 <0.005 <0.005	<0.2	0.29	48	<10	120	0.8	<2	4.60	0.8	15	13	57	3.43
54801 54802 54803 54804 54805		4.22 4.44 2.76 5.18 2.26	<0.005 <0.005 <0.005 <0.005 <0.005	<0.2	0.72	48	<10	90	0.7	<2	3.92	<0.5	22	157	52	3.33
54806 54807 54808 54809 54810		0.42 6.86 6.08 5.02 6.54	<0.005 <0.005 0.010 <0.005 0.007	<0.2	0.32	420	<10	20	0.5	<2	4.18	<0.5	63	773	18	2.22



EXCELLENCE IN ANALYTICAL CHEMISTRY

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North Vancouver BC V7J 2C1 Canada
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6: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6 .3age #: 3 - A
Total # of pages: 3 (A - C)
Date: 15-Sep-2002

Account: MUC

									CEF	TIFICA	TE OF A	VA02003298				
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-(CP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
54811 54812 54813 54814		4.44 5.04 0.08 3.54	<0.005 <0.005 0.763 0.011													
54815 54816 54817 54818 54819		1.64 3.78 4.86 1.08 3.96	<0.005 <0.005 <0.005 <0.005 <0.005	<0.2	0.33	16	70	10	<0.5	<2	3.91	0.7	69	993	10	3.23
10000		3.33	15.535													
1																



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o: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6 Jage #: 2 - B Total # of pages: 3 (A - C)

Date: 15-Sep-2002

Account: MUC

					_				CEF	298						
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La PPm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54771 54772 54773 54774																
54775		10	<1	0.11	· 10	0.67	437	5	0.08	21	560	13	0.07	<2	3	41
54776 54777 54778 54779 54780		<10	<1	0.17	10	0.51	191	1	0.03	9	270		0.01	<2	1	13
54781 54782 54783 54784									3.00		2,0	<u> </u>	0.01			
54785		<10	<1	0.19	60	0.22	189	<1	0.03	24	1680	32	1.90	24	2	173
54786 54787 54788 54789 54790		20	<1	0.19	70	1.26	1715	<1	0.03	13	2460	34	1.99	7	2	1240
54791 54792 54793 54794 54795		10	<1	0.29	20	0.82	275	1	0.06	32	540	107	1.13	<2	2	34
54796 54797 54798 54799 54800		10	<1	0.20	50	1.14	1235	4	0.04	19	2480	28	0.99	<2	5	875
54801 54802 54803 54804					-		1200		0.04	- (2-00	20	V.33			<u> </u>
54805 54806 54807 54808		10	<1	0.32	10	4.07	845	1	0.02	239	310	3	0.20	2	9	1570
54809 54810		30	<1	0.02	<10	6.61	789	<1	0.01	877	20	2	0.42	<2	6	1190



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Date: 15-Sep-2002

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			_
CERTIFICA	ATE OF ANALYSIS	VA02003298	

									<u> </u>	1111107	IE OF F	WALIO		AU200	7250	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo PPM 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
54811 54812 54813 54814 54815		60	<1	0.01	10	13.55	1135	<1	0.01	1410	30	<2	0.18	<2	7	372
54816 54817 54818 54819															<u>, , , , , , , , , , , , , , , , , , , </u>	



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Total # of pages: 3 (A - C)
Date: 15-Sep-2002

Account: MUC

								CERTIFICATE OF ANALYSIS VA02003298
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54771		•						
54772 54773								
54774								
54775		0.09	<10	<10	47	<10	46	
54776								
54777 54778								
54779								
54780		0.02	<10	<10	9	<10	20	
54781								
54782 54783								
54784								
54785		<0.01	<10	70	13	<10	94	
54786								
54787								
54788 54789								
54790		<0.01	<10	50	21	<10	106	
54791								
54792								
54793 54794								
54795		0.04	<10	<10	29	10	43	
54796							•	
54797		İ						
54798 54799		<u> </u>						
54800		<0.01	<10	10	16	<10	79	
54801			<u> </u>	· . —				
54802								
54803								
54804 54805		0.02	<10	<10	41	<10	61	
54806	 	<u> </u>		······································				
54807								
54808								
54809 54810		<0.01	<10	<10	30	<10	15	
		l						



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Account: MUC

								CERTIFICATE OF ANALYSIS VA02003298
Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	
54811 54812 54813 54814	-							
54816 54817 54818		<0.01	<10	<10	25	<10	20	
54819								



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Date: 15-Sep-2002

Account: MUC

CERTIFICATE VA02003401

Project: BC305

P.O. No:

This report is for 90 PULP samples submitted to our lab in North Vancouver, BC, Canada on 11-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
LOG-21	Sample logging - ClientBarCode

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION

ATTN: MICHAEL GRAY 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

The Con



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									CER	TIFICA	TE OF A	NALYS	IS V	/A02003	3401	
Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ag	AI	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
54602		<0.2	1.26	6	<10	110	<0.5	<2	0.87	<0.5	13	367	39	2.38	20	<1
54661		0.9	1.65	89	<10	70	<0.5	<2	0.73	0.7	11	70	77	7.00	10	<1



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Page # : 2 - B
Total # of pages : 2 (A - C)
Date : 15-Sep-2002

Account: MUC

CERTIFICATE OF ANALYSIS	VA02003401

									 	THE TOA	IE OF A	1171		A02003	, 10 !	
Sample Description	Method Analyte Units LOR	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10
54602 54661		0.12 0.30	10 20	0.80 0.80	499 271	10 1	0.09 0.07	226 32	650 540	25 107	0.07 1.12	<2 <2	4 2	46 31	0.10 0.04	<10 <10



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Account: MUC

CERTIFICATE OF ANALYSIS	VA02003401	

							 11071-0	 	7710=000	
Sample Description	Method Analyte Units LOR	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2					
4602 4661		<10 <10	51 29	<10 10	54 41					
		4.								



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Page # : 1 Date: 5-Dec-2002

Account: MUC

CERTIFICATE VA02003760

Project: BC305

P.O. No:

This report is for 3 PULP samples submitted to our lab in North Vancouver, BC, Canada on 20-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORDON ALLEN GORD ALLEN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
LOG-21	Sample logging - ClientBarCode

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION ATTN: GORDON ALLEN 2479 JACKSON VALLEY ROAD **DUNCAN BC V9L 6B2**

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Signature:



54021

54022

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

272

91

<10

10

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ALS Canada Ltd 212 Brooksbank Avenue North Vancouver BC V7J 2C1 Canada Phone: 604 984 0221 Fax: 604 984 0218

0.26

0.31

0.4

1.0

To. RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6F 4A6

CERTIFICATE OF ANALYSIS

4

Page #: 2 - A Total # of pages: 2 (A-C)

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VA02003760

1.60

2.10

Date: 5-Dec-2002

Account: MUC

<1

Project : BC305

0.01

0.01

< 0.5

< 0.5

	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Ag	AI	As	B	Ва	Be	Bi	Ca	Cd	Co Co	Cr	ME-10P41 Cu	ME-ICP41 Fe	ME-ICP47 Ga	ME-ICP41 Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description	LOR	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
54020		<0.2	0.27	123	<10	310	< 0.5	2	0.03	<0.5	3	86	18	1.84	<10	<1

<2

2

0.6

0.9



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Date: 5-Dec-2002

Account: MUC

Project: BC305

CERTIFICATE OF ANALYSIS VA02003760

	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41		ME-ICP4
Sample Description	Analyte Units LOR	К % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni pp in 1	p ppm 10	Pb ppm 2	\$ % 0.01	Sb ppm 2	Sc ppm 1	Sr pp m 1	Ti % 0.01	TI ppm 10
54020 54021 54022	, ,	0.20 0.45 0.33	20 10 40	0.05 0.03 0.03	39 11 16	3 5 9	0.04 0.02 0.05	34 12 7	420 450 300	182 11 55	0 37 0 59 1 52	89 6 5	1 2 1	61 27 84	<0.01 <0.01 <0.01	<10 <10 <10



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Date: 5-Dec-2002 Account: MUC

	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	U	V	W	Zn	
	Units				211	
Sample Description	LOR	ppm	ppm	ppm	ppm	
Sample Description	LUK	10	1	10	2	
54020		<10	5	<10	29	
54021		<10	9	<10	4	
54022		10	7	<10	26	
54022		10	1	<10	26	
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Page #: 1 Date: 26-Sep-2002

Account: MUC

CERTIFICATE VA02003820

Project: BC305

P.O. No:

This report is for 302 PULP samples submitted to our lab in North Vancouver, BC, Canada on20-Sep-2002.

The following have access to data associated with this certificate: MICHAEL GRAY GORD ALLEN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
LOG-21	Sample logging - ClientBarCode

	ANALYTICAL PROCEDUR	RES
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES

To: RUBICON MINERALS CORPORATION

ATTN: GORD ALLEN 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

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Date: 26-Sep-2002

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									CER	TIFICA	TE OF A	NALYS	is v	/A02003	8820	
A	Method Analyte Units LOR	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1
54202	<u> </u>	<0.2	0.25	51	<10	180	0.8	4	1.38	<0.5	3	54	8	1.19	<10	<1
54207		<0.2	0.35	102	10	160	1.0	<2	3,61	<0.5	15	28	55	3.45	<10	28
54212		<0.2	0.20	1025	<10	70	0.8	8	3.91	<0.5	13	30	56	3.56	<10	7
54339		0.7	0.60	127	<10	30	0.6	6	1 32	<0.5	12	26	165	2.36	<10	<1
54340		0.2	0.48	93	<10	60	0.5	4	1.49	<0.5	6	31	108	1.76	<10	<1
54342		0.3	0.21	148	<10	40	<0.5	6	1.01	<0.5	7	23	192	2.47	<10	<1
54344		0.7	0.38	63	<10	40	0.5	6	2.18	<0.5	6	22	129	2.21	<10	<1
54522		0.2	1.00	80	10	30	1.3	6	3.54	0.6	21	41	103	4.40	<10	2
54523		0.2	1.13	108	<10	40	1.2	6	2.97	0.5	22	31	110	4.80	<10	<1
54524		0.3	1.36	122	<10	30	1.2	7	3.32	0.5	22	51	134	4.71	10	<1
54772		<0.2	0.31	101	<10	230	0.5	<2	0.17	< 0.5	2	77	16	1.39	<10	<1
54777		<0.2	0.27	140	<10	300	< 0.5	<2	0.01	< 0.5	<1	66	10	1.19	<10	<1
54782		<0.2	0.29	61	<10	250	0.5	<2	0.01	<0.5	1	89	14	1.22	<10	<1
54787		<0.2	0.58	120	<10	60	1.6	<2	0.36	<0.5	24	26	99	3.70	<10	<1
54821		<0.2	0.37	74	<10	130	0.7	<2	0.05	<0.5	2	50	11	1.26	<10	<1
54826		0.5	0.52	137	<10	30	1.0	9	1.02	<0.5	9	23	70	3.08	<10	3
54831		0.2	0.40	56	<10	80	0.5	<2	0.21	<0.5	3	35	9	1.60	<10	<1
54856		<0.2	0.30	4860	<10	70	1.0	5	3.63	<0.5	12	37	58	3.42	<10	4



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Page #: 2 - B

Total # of pages: 2 (A - C) Date: 26-Sep-2002

Account: MUC

CERTIFICATE OF ANALYSIS	VA02003820	
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									CER	TIFICA	TE OF A	NALYS	is v	/A02003	3820	
Sample Description	Method Analyte Units LOR	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Tî % 0.01	ME-ICP41 TI ppm 10
54202		0.25	10	0.62	186	11	0.01	8	320	31	0.89	20	1	232	<0.01	<10
54207		0.33	30	1.45	712	3	0.04	10	2070	20	0.58	21	10	794	0.02	<10
54212		0.14	20	1.44	829	4	0.03	9	1420	20	1.08	42	10	1035	<0.01	<10
54339		0.55	40	1.06	698	60	0.03	12	1180	88	2.33	28	2	652	0.01	<10
54340		0.47	50	1.11	1045	36	0.02	10	900	56	1.70	14	2	731	<0.01	<10
54342		0.16	50	0.46	871	110	0.05	5	530	53	2.64	50	1	670	<0.01	<10
54344		0.31	40	0.92	1060	49	0.07	5	750	60	2.34	56	1	1490	<0.01	<10
54522		0.92	30	2.34	1065	83	0.03	19	3100	48	2.89	5	8	1470	0.03	<10
54523		1.16	30	2.64	997	84	0.03	19	3120	36	3.13	2	9	1350	0.04	<10
54524		1.34	30	2.56	1160	32	0.04	19	3060	41	3.75	4	9	1340	0.03	<10
54772		0.23	30	0.07	341	2	0.07	5	320	34	0.86	7	1	82	<0.01	<10
54777		0.30	20	0.02	9	4	0.06	2	350	27	0.39	6	<1	91	<0.01	<10
54782		0.24	10	0.01	11	3	0.08	4	210	26	0.72	3	<1	99	<0.01	<10
54787		0.28	50	0.70	523	2	0.03	28	1810	41	2.40	13	2	227	< 0.01	<10
54821		0.26	30	0.05	49	4	0.04	5	210	67	1.12	7	<1	81	< 0.01	<10
54826		0.38	60	0.39	694	40	0.02	15	1530	171	3.51	23	2	254	< 0.01	<10
54831		0.32	30	0.10	116	23	0.01	6	390	66	1.74	7	<1	147	<0.01	<10
54856		0.20	<10	1.57	731	1	0.04	9	270	14	2.32	47	9	1320	<0.01	<10



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Total # of pages: 2 (A - C)

Date: 26-Sep-2002 Account: MUC

						CERTI	FICATE OF ANALYSIS	VA02003820
Sample Description	Method Analyte Units LOR	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2			
54202		-10	44	~10	33			** * *
54202		<10	11	<10	33 77			
54207		<10	71	<10	74			
54212		<10	46	<10	71			
54339		<10	17	<10	63			
54340		<10	12	<10	58			
54342		<10	8	<10	59			
54344		<10	16	<10	40			
54522		<10	55	<10	117			
54523		<10	70	<10	143			
54524		<10	72	<10	128			
54772		<10	4	<10	31			
54777		<10	3	<10	3			
54782		<10	3	<10	4			
54787		<10	20	<10	163			
54821		<10	2	<10	127			
54826		<10	10	<10	35			
54831		<10	3	<10	6			
54856		<10	33	<10	71			
		1						



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Page #: 1 Date: 1-Oct-2002

Account: MUC

CERTIFICATE VA02003821

Project: BC305

P.O. No:

This report is for 609 PULP samples submitted to our lab in North Vancouver, BC, Canada on20-Sep-2002.

GORD ALLEN

The following have access to data associated with this certificate: MICHAEL GRAY

	SAMPLE PREPARATION									
ALS CODE	DESCRIPTION									
LOG-21	Sample logging - ClientBarCode									

	ANALYTICAL PROCEDU	RES
ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF06	Whole Rock Package - XRF	XRF
ME-MS82	Complete rare earth package	ICP-MS
ME-XRF05	Trace Level XRF Analysis	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM

To: RUBICON MINERALS CORPORATION ATTN: MICHAEL GRAY 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Peter Do



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Page #: 2 - A
Total # of pages: 2 (A - C)
Date: 1-Oct-2002

Account: MUC

	Method Analyte	ME-XRF06 SiO2	ME-XRF06 Al2O3	ME-XRF06 Fe2O3	ME-XRF06 CaO	ME-XRF06 MgO	ME-XRF06 Na20	ME-XRF06 K20	ME-XRF06 Cr2O3	ME-XRF06 TIO2	ME-XRF06 MnO	ME-XRF06 P2O5	ME-XRF06 SrO	ME-XRF06 BaO	ME-XRF06	ME-XRF06 Total
Sample Description	Units LOR	% 0.01	% 0.01	% 0.01	% 0.01	% 0.01	% 0.01	% 0.01	% 0.01	% 0.01	% 0.01	% 0.01	% 0.01	% 0.01	% 0.01	% 0.01
54202		66.21	13.95	1.65	1.94	1.18	0.43	9.75	0.01	0.17	0.02	0.07	0.04	0.32	3.47	99.21
54238		52.89	13.54	6.18	4.99	4.36	3.53	5.19	<0.01	0.67	0.09	0.54	0.12	0.28	7.47	99.85
54244		51.95	13.96	5.41	5.35	3.15	2.78	7.06	< 0.01	0.58	0.10	0.48	0.22	0.32	7.68	99.05
54277		71.58	11.82	4.20	3.21	1.77	3.23	1.30	0.01	0.49	0.08	0.13	0.04	0.07	1.73	99.65
54285		61.51	15.20	3.97	0.51	1.93	2.39	7.24	<0.01	0.47	0.07	0.25	0.16	0.46	4.46	98.61
54306		63.99	14.12	2.76	0.94	2.05	3.41	5.37	<0.01	0.43	0.05	0.16	0.07	0.49	4.37	98.20
54331		56.47	15.60	5.61	1,78	2.27	2.96	5.38	0.01	0.85	0.08	0.67	0.08	0.39	6.20	98.37
54378		69.50	14.69	2.24	0.32	0.89	4.29	4.63	<0.01	0.30	0.03	80.0	0.06	0.28	2.53	99.85
54397		70.48	15.22	2.04	0.27	1.08	2.29	4.45	0.01	0.34	0.01	80.0	0.03	0.18	2.94	99.41
54414		68.92	13.58	2.22	1.34	1.65	1.32	5.42	0.01	0.28	0.09	0 09	0.16	0.26	4.42	99.75
54438		61.90	17.66	3.69	0.22	0.33	4.53	7.25	<0.01	0.60	<0.01	0.14	0.09	0.35	2.91	99.67
54450		71.38	13.97	2.48	0.83	0.90	0.20	4.99	0.01	0.42	0.01	0.16	0,01	0.16	3.68	99.20
54475		63.13	13.58	2.67	3.19	2.18	1.67	4.62	<0.01	0.37	0.19	0.16	0.06	0.29	5.95	98.09
54512		60.90	18.05	3.56	0.15	0.33	3.24	8.75	<0.01	0.61	0.02	0.15	0.09	0.40	3.30	99.54
54546		52.11	13,99	7.86	4.12	2.07	0.17	8.06	0.01	0.83	0.14	1.94	0.13	0.33	7.76	99.54
54563		58.29	14,64	5.20	1.74	2.33	2.96	4.85	<0.01	0.53	0.12	0.37	0.13	0.32	6.72	98.21
54589		63.03	15.06	4.36	0.73	1.76	1.65	6.81	0.01	0.63	0.08	0.29	0.06	0.37	5.03	99.87
54620		61.76	15.44	5.27	1.13	1.19	6.49	2.32	<0.01	0.84	0.01	0.54	0.09	0.20	4.41	99.70
54643		62.46	15.18	3.63	1.02	0.84	3.83	6.10	<0.01	0.49	0.07	0.21	0.10	0.43	3.90	98.25
54686		71.22	14.44	2.01	0.24	0.31	4.31	4.72	0.01	0.29	<0.01	0.09	0.07	0.25	2.09	100.05
54727		56.43	16.60	5.18	1.82	1.30	3.87	6.71	<0.01	0.75	0.06	0.35	0.11	0.35	5.20	98.71
54776		70.90	14.22	1.88	0.03	0.15	4.32	4.93	0.01	0.35	<0.01	0.11	0.05	0.31	2.20	99.45
54790		54.22	15.13	5.96	3.32	2.51	2.19	6.19	<0.01	0.78	0.23	0.48	0.14	0.31	8.24	99.70
54816		37.96	1.11	8.92	0.52	36,26	0.14	80.0	0.32	0.01	0.14	<0.01	<0.01	<0.01	13.05	98.52
54826		59.29	16.19	4.48	1.47	1.85	1.28	7.06	0.01	0.70	0.10	0.36	0.05	0.30	6.01	99.13
54841		58.94	14.66	4.07	3.51	2.21	3.58	3.96	<0.01	0.49	0.09	0.31	0.12	0.28	7.50	99.71
54843		44.09	12.90	6.72	7.66	4.28	1.86	5.76	0.01	0.70	0.13	0.60	0.19	0.54	12.85	98.29



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Page #: 2 - B
Total # of pages : 2 (A - C)
Date : 1-Oct-2002

Account: MUC

									CER	TIFICA	TE OF A	NALYS	is V	/A02003	8821	
Sample Description	Method Analyte Units LOR	ME-MS82 Ce ppm 0.5	ME-MS82 Dy ppm 0.1	ME-MS82 Er ppm 0.1	ME-MS82 Eu ppm 0.1	ME-MS82 Gd ppm 0.1	ME-MS82 Ho ppm 0.1	ME-MS82 La ppm 0.5	ME-MS82 Lu ppm 0.1	ME-MS82 Nd ppm 0.5	ME-MS82 Pr ppm 0.1	ME-MS82 Sm ppm 0.1	ME-MS82 Tb ppm 0.1	ME-MS82 Th ppm 1	ME-MS82 Tm ppm 0.1	ME-MS82 U PPM 0.5
54202 54238 54244 54277 54285																
54306 54331 54378 54397 54414 54438 54450 54475 54512		93.9	2.3	1.0	1.7	5.4	0.3	51.5	0.1	34.8	9.7	5,9	0.6	20	0.1	10.7
54546 54563 54589 54620 54643		156.5	5.1	2.3	3.3	10.6	0.8	82.5	0.3	65.2	17.1	11.5	1.2	28	0.3	12.3
54686 54727 54776 54790 54816 54826 54841 54843		75.2	2.0	0.9	1.3	4.3	0.3	41.6	0.1	27.7	7.7	4.6	0.5	19	0.1	10.9



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³age#: 2 - C

Total # of pages: 2 (A - C)
Date: 1-Oct-2002

Account: MUC

Methods									111,11111111111111111111111111111111111	
Name Part									CERTIFICATE OF ANALYSIS	VA02003821
54238 10 168 28 170 54244 20 167 30 230 54277 10 32 23 110 54285 20 197 27 230 54306 20 199 37 200 54378 11.4 0.8 20 150 19 230 54414 20 202 23 220 54443 40 180 39 570 54450 20 152 28 200 54475 20 152 28 200 54475 20 152 28 200 54476 20 160 25 170 5456 20 152 28 200 54475 40 237 32 560 54589 24.9 1.8 30 244 36 370 54620 30 84 450	Sample Description	Analyte Units	Y ppm	Yb ppm	Nb ppm	Rb ppm	Y ppm	Zr ppm		
54238 10 168 28 170 54244 20 167 30 230 54277 10 32 23 110 54285 20 197 27 230 54306 20 199 37 200 54378 11.4 0.8 20 150 19 230 54414 20 202 23 220 54443 40 180 39 570 54450 20 152 28 200 54475 20 152 28 200 54475 20 152 28 200 54476 20 160 25 170 5456 20 152 28 200 54475 40 237 32 560 54589 24.9 1.8 30 244 36 370 54620 30 84 450	54202	·			10	266	20	110		
54244 20 167 30 230 54285 20 290 32 290 54306 20 197 27 230 54331 20 199 37 200 54378 11.4 0.8 20 150 19 230 54397 20 160 25 260 54414 20 20 22 23 220 54438 40 190 39 570 54516 54516 20 152 28 200 54475 20 130 25 170 54512 40 237 32 560 5456 20 183 52 190 54586 54586 20 157 28 230 54620 30 98 34 450 30 320 54686 30 30 320 54686 10.3 0.7 20 137 20 240 </td <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			1							
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54306 20 197 27 230 54331 20 199 37 200 54378 11.4 0.8 20 160 25 260 54397 20 160 25 260 260 24144 20 202 23 220 544138 40 190 39 570 54448 54448 40 190 39 570 54438 40 190 39 570 54450 20 152 28 200 54450 20 152 28 200 54547	54285		ĺ		20		32			
54378 11.4 0.8 20 150 19 230 54397 20 160 25 260 54414 20 20 22 23 220 54438 40 190 39 570 54450 20 152 28 200 54475 20 130 25 170 54512 40 237 32 560 54546 20 183 52 190 54589 24.9 1.8 30 244 36 370 54620 30 98 34 450 54686 10.3 0.7 20 137 20 240 54727 40 187 43 430 54790 40 183 42 480 54816 10 10 7 20 54826 30 242 40 460 54816 10 10 7 20 54826 30 29 28						197				
54378 11.4 0.8 20 150 19 230 54397 20 160 25 260 54414 20 20 22 23 220 54438 40 190 39 570 54450 20 152 28 200 54475 20 130 25 170 54512 40 237 32 560 54546 20 183 52 190 54589 24.9 1.8 30 244 36 370 54620 30 98 34 450 54686 10.3 0.7 20 137 20 240 54727 40 187 43 430 54790 40 183 42 480 54816 10 10 7 20 54826 30 242 40 460 54816 10 10 7 20 54826 30 29 28	54331				20	199	37	200		
54397 20 160 25 260 54414 20 202 23 220 54438 40 190 39 570 54450 20 152 28 200 54475 20 130 25 170 54512 40 237 32 560 54546 20 183 52 190 54563 20 157 28 230 54589 24.9 1.8 30 244 36 370 54620 30 98 34 450 54643 30 180 30 320 54686 10.3 0.7 20 137 20 240 54776 20 144 21 230 54790 40 183 42 480 54816 10 10 7 20 54826 30 242 40 460 54841 30 97 28 250	54378		11.4	0.8			19			
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54438 40 190 39 570 54450 20 152 28 200 54475 20 130 25 170 54512 40 237 32 560 54546 20 183 52 190 54583 20 157 28 230 54589 24.9 1.8 30 244 36 370 54620 30 98 34 450 54643 30 180 30 320 54786 10.3 0.7 20 137 20 240 54776 20 144 21 230 54790 40 183 42 480 54816 10 10 7 20 54826 30 242 40 460 54841 30 97 28 250					20		23	220		
54450 20 152 28 200 54475 20 130 25 170 54512 40 237 32 560 54546 20 183 52 190 54563 20 157 28 230 54589 24.9 1.8 30 244 36 370 54620 30 98 34 450 54643 30 180 30 320 54686 10.3 0.7 20 137 20 240 54727 40 187 43 430 54790 40 183 42 480 54816 10 10 7 20 54826 30 242 40 460 54841 30 97 28 250							39	570		
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54512 40 237 32 560 54546 20 183 52 190 54563 20 157 28 230 54569 24.9 1.8 30 244 36 370 54620 30 98 34 450 54643 30 180 30 320 54686 10.3 0.7 20 137 20 240 54727 40 187 43 430 54776 20 144 21 230 54816 10 10 7 20 54826 30 242 40 460 54841 30 97 28 250					20		25			
54563 20 157 28 230 54589 24.9 1.8 30 244 36 370 54620 30 98 34 450 54643 30 180 30 320 54686 10.3 0.7 20 137 20 240 54727 40 187 43 430 5476 20 144 21 230 54790 40 183 42 480 54816 10 10 7 20 54826 30 242 40 460 54841 30 97 28 250										
54589 24.9 1.8 30 244 36 370 54620 30 98 34 450 54643 30 180 30 320 54686 10.3 0.7 20 137 20 240 54727 40 187 43 430 54766 20 144 21 230 54790 40 183 42 480 54816 10 10 7 20 54826 30 242 40 460 54841 30 97 28 250	54546			 	20	183	52			
54620 30 98 34 450 54643 30 180 30 320 54686 10.3 0.7 20 137 20 240 54727 40 187 43 430 54766 20 144 21 230 54790 40 183 42 480 54816 10 10 7 20 54826 30 242 40 460 54841 30 97 28 250								230		
54643 30 180 30 320 54686 10.3 0.7 20 137 20 240 54727 40 187 43 430 54766 20 144 21 230 54790 40 183 42 480 54816 10 10 7 20 54826 30 242 40 460 54841 30 97 28 250	54589		24.9	1.8		244	36	370		
54686 10.3 0.7 20 137 20 240 54727 40 187 43 430 54776 20 144 21 230 54790 40 183 42 480 54816 10 10 7 20 54826 30 242 40 460 54841 30 97 28 250	54620				30	98	34	450		
54727 40 187 43 430 5476 20 144 21 230 54790 40 183 42 480 54816 10 10 7 20 54826 30 242 40 460 54841 30 97 28 250	54643									
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54816 10 10 7 20 54826 30 242 40 460 54841 30 97 28 250							21			
54826 30 242 40 460 54841 30 97 28 250										
54841 30 97 28 250										
54843 30 97 28 250 54843 10 115 27 170										
54843 10 115 27 170					30		28			
	54843				10	115	27	170		
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Page #: 1 Date: 1-Oct-2002 Account: MUC

CERTIFICATE VA02003821

Project: BC305

P.O. No:

This report is for 609 PULP samples submitted to our lab in North Vancouver, BC, Canada on20-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY
GORD ALLEN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
LOG-21	Sample logging - ClientBarCode

	ANALYTICAL PROCEDU	RES
ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF06	Whole Rock Package - XRF	XRF
ME-MS82	Complete rare earth package	ICP-MS
ME-XRF05	Trace Level XRF Analysis	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM

To: RUBICON MINERALS CORPORATION
ATTN: GORD ALLEN
888 - 1100 MELVILLE ST.
VANCOUVER BC V6E 4A6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Thomas Bos

Signature:



54843

ALS Chemex

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Aurora Laboratory Services Ltd.

44.09

12.90

6.72

7.66

4.28

1.86

5.76

0.01

0.70

0.13

0.60

0.19

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age #: 2 - A
Total # of pages: 2 (A - C)

12.85

0.54

98.29

Date: 1-Oct-2002 Account: MUC

									CER	TIFICA	TE OF A	NALYS	is v	/A02003	821	
Sample Description	Method Analyte Units LOR	ME-XRF06 SiO2 % 0.01	ME-XRF06 Al2O3 % 0.01	ME-XRF06 Fe2O3 % 0.01	ME-XRF06 CaO % 0.01	ME-XRF06 MgO % 0.01	ME-XRF06 Na20 % 0.01	ME-XRF06 K20 % 0.01	ME-XRF06 Cr2O3 % 0.01	ME-XRF06 TiO2 % 0.01	ME-XRF06 MnO % 0.01	ME-XRF06 P205 % 0.01	ME-XRF06 SrO % 0.01	ME-XRF06 BaO % 0.01	ME-XRF06 LOI % 0.01	ME-XRF06 Total % 0.01
54202		66.21	13.95	1.65	1.94	1.18	0.43	9.75	0.01	0.17	0.02	0.07	0.04	0.32	3.47	99.21
54238		52.89	13.54	6.18	4.99	4.36	3.53	5.19	<0.01	0.67	0.09	0.54	0.12	0.28	7.47	99.85
54244		51.95	13.96	5.41	5.35	3.15	2.78	7.06	< 0.01	0.58	0.10	0.48	0.22	0.32	7.68	99.05
54277		71.58	11.82	4.20	3.21	1.77	3.23	1,30	0.01	0.49	80.0	0.13	0.04	0.07	1.73	99.65
54285		61.51	15.20	3.97	0.51	1.93	2.39	7.24	<0.01	0.47	0.07	0.25	0.16	0.46	4.46	98.61
54306		63.99	14.12	2.76	0.94	2.05	3.41	5.37	<0.01	0.43	0.05	0.16	0.07	0.49	4.37	98.20
54331		56.47	15.60	5.61	1.78	2.27	2.96	5.38	0.01	0.85	0.08	0.67	0.08	0.39	6.20	98.37
54378		69.50	14.69	2.24	0.32	0.89	4.29	4.63	<0.01	0.30	0.03	0.08	0.06	0.28	2.53	99.85
54397		70.48	15.22	2.04	0.27	1.08	2.29	4.45	0.01	0.34	0.01	80.0	0.03	0.18	2.94	99.41
54414		68.92	13.58	2.22	1.34	1.65	1.32	5.42	0.01	0.28	0.09	0.09	0.16	0.26	4.42	99.75
54438		61.90	17.66	3.69	0.22	0.33	4.53	7.25	<0.01	0.60	< 0.01	0.14	0.09	0.35	2.91	99.67
54450		71.38	13.97	2.48	0.83	0.90	0.20	4.99	0.01	0.42	0.01	0.16	0.01	0.16	3.68	99.20
54475		63.13	13.58	2.67	3.19	2.18	1.67	4.62	< 0.01	0.37	0.19	0.16	0.06	0.29	5.95	98.09
54512		60.90	18.05	3.56	0.15	0.33	3.24	8.75	<0.01	0.61	0.02	0.15	0.09	0.40	3.30	99.54
54546		52.11	13.99	7.86	4.12	2.07	0,17	8,06	0.01	0.83	0.14	1.94	0.13	0.33	7.76	99.54
54563		58.29	14.64	5.20	1.74	2.33	2.96	4.85	<0.01	0.53	0.12	0.37	0.13	0.32	6.72	98.21
54589		63.03	15.06	4.36	0.73	1.76	1.65	6.81	0.01	0.63	0.08	0.29	0.06	0.37	5.03	99.87
54620		61.76	15.44	5.27	1.13	1.19	6.49	2.32	<0.01	0.84	0.01	0.54	0.09	0.20	4.41	99.70
54643		62.46	15.18	3.63	1.02	0.84	3.83	6.10	<0.01	0.49	0.07	0.21	0.10	0.43	3.90	98.25
54686		71.22	14.44	2.01	0.24	0.31	4.31	4.72	0.01	0.29	<0.01	0.09	0.07	0.25	2.09	100.05
54727		56.43	16.60	5.18	1.82	1.30	3.87	6.71	<0.01	0.75	0.06	0.35	0.11	0.35	5.20	98.71
54776		70.90	14.22	1.88	0.03	0.15	4.32	4.93	0.01	0.35	<0.01	0.11	0.05	0.31	2.20	99.45
54790		54.22	15.13	5.96	3.32	2.51	2.19	6.19	<0.01	0.78	0.23	0.48	0.14	0.31	8.24	99.70
54816		37.96	1.11	8.92	0.52	36.26	0.14	0.08	0.32	0.01	0.14	< 0.01	<0.01	<0.01	13.05	98.52
54826		59.29	16.19	4.48	1.47	1.85	1.28	7.06	0.01	0.70	0.10	0.36	0.05	0.30	6.01	99.13
54841		58.94	14.66	4.07	3.51	2.21	3.58	3.96	< 0.01	0.49	0.09	0.31	0.12	0.28	7.50	99.71



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o: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. VANCOUVER BC V6E 4A6

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Total # of pages: 2 (A - C)
Date: 1-Oct-2002

Account: MUC

									CER	RTIFICA	TE OF A	NALYS	IS V	/A02003	3821	
Sample Description	Method Analyte Units LOR	ME-M\$82 Ce ppm 0.5	ME-MS82 Dy ppm 0.1	ME-MS82 Er ppm 0.1	ME-MS82 Eu ppm 0.1	ME-M\$82 Gd ppm 0.1	ME-MS82 Ho ppm 0.1	ME-MS82 La ppm 0.5	ME-MS82 Lu ppm 0.1	ME-MS82 Nd ppm 0.5	ME-MS82 Pr ppm 0.1	ME-MS82 Sm ppm 0.1	ME-MS82 Tb ppm 0.1	ME-MS82 Th ppm 1	ME-MS82 Tm ppm 0.1	ME-MS82 U ppm 0.5
54202 54238 54244 54277 54285										-	•					
54306 54331 54378 54397 54414 54438 54450 54475 54512		93.9	2.3	1.0	1.7	5.4	0.3	51.5	0.1	34.8	9.7	5.9	0.6	20	0.1	10.7
54546 54563 54589 54620 54643	. 1	156.5	5.1	2.3	3.3	10.6	0.8	82.5	0.3	65.2	17.1	11.5	1.2	28	0.3	12.3
54686 54727 54776 54790 54816 54826 54841 54843		75.2	2.0	0.9	1.3	4.3	0.3	41.6	0.1	27.7	7.7	4.6	0.5	19	0.1	10.9



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Total # of pages: 2 (A - C)

Date: 1-Oct-2002 Account: MUC

Project: BC305

CERTIFICATE OF ANALYSIS VA02003821

Sample Description	Method Analyte Units LOR	ME-MS82 Y ppm 0.5	ME-MS82 Yb ppm 0.1	ME-XRF05 Nb ppm 10	ME-XRF05 Rb ppm 2	ME-XRF05 Y ppm 2	ME-XRF05 Zr ppm 10	
54202				10	266	20	110	
54238				10	168	28	170	
54244				20	167	30	230	
54277				10	32	23	110	
54285				20	290	32	290	
54306				20	197	27	230	
54331				20	199	37	200	
54378		11.4	8.0	20	150	19	230	
54397		!		20	160	25	260	
54414		i		20	202	23	220	
54438				40	190	39	570	
54450				20	152	28	200	
54475		1		20	130	25	170	
54512				40	237	32	560	
54546			*****	20	183	52	190	
54563		•		20	157	28	230	
54589		24.9	1.8	30	244	36	370	
54620				30	98	34	450	
54643				30	180	30	320	
54686		10.3	0.7	20	137	20	240	
54727				40	187	43	430	
54776				20	144	21	230	
54790		1		40	183	42	480	
54816		1		10	10	7	20	
54826]		30	242	40	460	
54841				30	97	28	250	
54843		ŀ		10	115	27	170	
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Aurora Laboratory Services Ltd. 212 Brooksbank Avenue North Vancouver BC V7J 2C1 Canada Phone: 604 984 0221 Fax: 604 984 0218 o: RUBICON MINERALS CORPORATION 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

Date: 25-Sep-2002

Account: MUC

CERTIFICATE VA02003822

Project: BC305

P.O. No:

This report is for 1 PULP sample submitted to our lab in North Vancouver, BC, Canada on

20-Sep-2002.

The following have access to data associated with this certificate:

MICHAEL GRAY GORD ALLEN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
LOG-21	Sample logging - ClientBarCode

	ANALYTICAL PROCE	DURES
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: RUBICON MINERALS CORPORATION

ATTN: GORD ALLEN 888 - 1100 MELVILLE ST. **VANCOUVER BC V6E 4A6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to sample as submitted. All pages of this report have been checked and approved for release.

Signature:

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'age #: 2 - A Total # or pages: 2 (A) Date: 25-Sep-2002 Account: MUC

			CERTIFICATE OF ANALYSIS	VA02003822
Sample Description	Method Analyte Units LOR	Au-AA23 Au ppm 0.005		
54755		0.093		
	-			



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Date: 1-Oct-2002

Account: MUC

CERTIFICATE VA02003899

Project : BC305

P.O. No:

This report is for 11 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 24-Sep-2002.

The following have access to data associated with this certificate: GORDON ALLEN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
LOG-22	Sample login - Rcd w/o BarCode	
CRU-31	Fine crushing - 70% <2mm	
SPL-21	Split sample - riffle splitter	
PUL-31	Pulverize split to 85% <75 um	

	ANALYTICAL PROCEDUI	RES
ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF06	Whole Rock Package - XRF	XRF
ME-MS82	Complete rare earth package	ICP-MS
ME-XRF05	Trace Level XRF Analysis	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM

To: RUBICON MINERALS CORPORATION ATTN: GORDON ALLEN 2479 JACKSON VALLEY ROAD **DUNCAN BC V9L 6B2**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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'age #: 2 - A Total # of pages: 2 (A - C)

Date: 1-Oct-2002 Account: MUC

									CER	TIFICA	TE OF A	NALYS	is v	/A02003	3899	
Sample Description	Method	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	Analyte	Recvd Wt	SiO2	Al2O3	Fe2O3	CaO	MgO	Na20	K20	Cr2O3	TiO2	MnO	P205	SrO	BaO	LOI
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
AX87-01 32.9		0.08	52.74	14.94	5.51	4.46	2.69	5.09	4.73	<0.01	0.80	0.08	0.59	0.13	0.35	6.54
AX02-09 56.2		0.14	56.86	14.48	5.79	4.49	3.09	4.16	5.18	<0.01	0.68	0.08	0.48	0.12	0.33	4.32
AX02-09 135.5		0.16	61.37	10.45	2.54	5.30	3.75	2.95	3.32	0.01	0.24	0.24	0.08	0.14	0.30	7.54
AX02-09 140.2		0.10	62.85	18.05	3.24	0.16	0.80	1.87	8.78	0.01	0.39	<0.01	0.09	0.03	0.49	3.19
AX02-12 177.2		0.12	57.84	15.05	4.66	5.23	2.26	5.09	3.57	<0.01	0.58	0.14	0.33	0.17	0.23	4.80
AX02-13 53.5		0.14	59.19	16.76	3.93	1.79	1.15	3.74	7.56	<0.01	0.51	0.07	0.16	0.16	0.32	4.51
AX02-13 149.8		0.14	55.26	14.46	6.56	2.11	4.66	2.44	4.81	<0.01	0.83	0.18	0.59	0.07	0.21	7.52
54022		0.20	67.48	15.98	2.80	0.02	0.22	3.69	5.75	<0.01	0.44	<0.01	0.08	0.07	0.32	2.70
1100E 350N GAB GRID		0.08	74.14	13.03	1.59	0.07	1.06	2.26	4.20	0.02	0.34	0.03	0.10	0.03	0.41	2.05
GA-6		0.12	58.66	14.58	6.21	3.42	3.04	5.53	1.31	<0.01	0.68	0.07	0.43	0.10	0.12	4.44
WP-90		0.04	70.99	14.09	1.22	0.43	0.25	3.26	5.82	<0.01	0.16	0.02	0.09	0.05	0.36	1,45



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Total # of pages: 2 (A - C)

Date : 1-Oct-2002

Account: MUC

									CER	TIFICA	TE OF A	NALYS	is \	/A02003	3899	
Sample Description	Method Analyte Units LOR	ME-XRF06 Total % 0.01	ME-MS82 Ce ppm 0.5	ME-MS82 Dy ppm 0.1	ME-MS82 Er ppm 0.1	ME-MS82 Eu ppm 0.1	ME-M\$82 Gd ppm 0.1	ME-MS82 Ho ppm 0.1	ME-MS82 La ppm 0.5	ME-M\$82 Lu ppm 0.1	ME-MS82 Nd ppm 0.5	ME-MS82 Pr ppm 0.1	ME-MS82 Sm ppm 0.1	ME-MS82 Tb ppm 0.1	ME-MS82 Th ppm 1	ME-MS82 Tm ppm 0.1
AX87-01 32.9 AX02-09 56.2 AX02-09 135.5 AX02-09 140.2 AX02-12 177.2		98.65 100.05 98.25 99.96 99.93	134.0	4.8	2.1	3.1	9.6	0.7	67.1	0.2	62.1	15.6	11.6	1.1	19	0.2
AX02-13 53.5 AX02-13 149.8 54022 1100E 350N GAB GRID GA-6		99.85 99.70 99.55 99.34 98.58	183.0	4.9	2.5	3.1	10.1	0.8	104.5	0.3	68.8	19.3	11.6	1.1	61	0.3
WP-90		98.20				- 0.0				-						



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CERTIFICATE OF ANALYSIS

Page #: 2 - C
Total # of pages: 2 (A - C)

VA02003899

Date: 1-Oct-2002 Account: MUC

Sample Description	Method Analyte Units LOR	ME-MS82 U ppm 0.5	ME-MS82 Y ppm 0.5	ME-MS82 Yb ppm 0.1	ME-XRF05 Nb ppm 10	ME-XRF05 Rb ppm 2	ME-XRF05 Y ppm 2	ME-XRF05 Zr ppm 10		
AX87-01 32.9					20	99	31	290		
AX02-09 56.2		6.7	22.2	1.5	20	140	30	230		
AX02-09 135.5					20	105	20	140		
AX02-09 140.2					20	266	31	200		
AX02-12 177.2					20	77	27	290		
AX02-13 53.5		22.4	27.7	2.2	40	196	40	620		
AX02-13 149.8					20	203	35	290		
54022					30	168	35	460		
1100E 350N GA8 GRID					20	171	23	150		
GA-6					30	35	29	280		
WP-90			***************************************		20	161	21	120		

APPENDIX 5 SAMPLE LEDGERS

Hole	Sample	Inte	rvel	Width (m)	QC Sample	Standard	Au	Āg	AI	As	В	Ва	Be	BI	Ce	Cd	Co	Cr	Ċu "	F●	Ge
Number	Number	From	To	Triadr (m)	Туре	Number	ppm	ppm	*	ppm	ppm	ppm	ppm	ppm	34	ppm	ppm	ppm	ppm	¥ -	ppm
AX02-09	54201	18.50	20.65	2.15			0.031														
AX02-09	54202	20.65	22.45	1.80			0.034	<0.2	0.25	51	<10	180	0.8	- 4	1.38	<0.5	3	54	8	1.19	<10
AX02-09	54203	22.45	24.10	1.65			0.044		 	-		-					ļ				
AX02-09 AX02-09	54204 54205	24.10	25.10	1.00	Standard	CDN-GS-3	0.145	0.2	1.22	3	<10	120	₹0.5	2	0,71	<0.5	7	80	31	2.08	<10
AX02-09	54206	25.10	27.94	2.84	Startuaru	0014-00-0	0.021			 			-0.0		0,71		 '	- 00	اق	2.00	טוי
AX02-09	54207	27.94	31.10	3.16	 		0.012	<0.2	0.35	102	10	160	1	<2	3.61	<0.5	15	28	55	3.45	<10
AX02-09	54208	31.10	34.00	2.90	1		0.046														
AX02-09	54209	34.00	36.58	2.58			0.032						127								
AX02-09	54210				Blank		<0.005	<0.2	0.61	8	<10	320	<0.5	<2	0.66	<0.5	2	106	7	1,05	<10
AX02-09	54211	36.58	39.62	3.04			0.200	<0.2	0.2	1025	<10	70	0.8		2.04	-0.5	40				
AX02-09 AX02-09	54212 54213	39.62 42.67	42.67 42.80	3.05 0.13	-	-	0.229	<u> </u>	0.2	1025	- 10		0.6	8	3.91	<0.5	13	30	56	3.56	<10
AX02-09	54214	42.80	45.40	2.60	 	i i	0.338	i — —	1	 	i	i		i	 		 	-			
AX02-09	54215	72.00	10.10		ate (interval as	above)	0.226														
AX02-09	54216	45.49	48.77	3.28	1	[0.220	<0.2	0.29	1890	<10	100	1.1	<2	3.63	<0.5	14	25	56	3.7	10
AX02-09	54217	48.77	51.82	3.05			0.070														
AX02-09	54218	51.82	53.22	1.40	ļ		0.272					l	ļ		ļ						
AX02-09	54219	53.22	53.55	0.33	ļ -		0.148	 -	ļ	ļ 	 	l			-	<u> </u>	ļ	ļ			
AX02-09	54220	53.55	54.30	0.75	· · -	ļ	0.431	<0.2	0.16	781	<10	40	0.9	<2	4.12	0.6	13	18	70	2 50	10
AX02-09 AX02-09	54221 54222	54.30 54.65	54.65 55.40	0.75	 		0.510	-9.2	0.10		-10	- 10	0.5		7.12	J	13	10	10	3.58	- 10
AX02-09	54223	55.40	57.55	2.15	 		0.030								-						
AX02-09	54224	57.55	60.50	2.95	T		0.397														
AX02-09	54225	I			Standard	CDN-GS-3	0.670														
AX02-09	54226	60.50	61.30	0.80	Į		0.035	<0.2	0.73	158	<10	280	1.5	<2	3.21	<0.5	13	28	52	3.38	10
AX02-09	54227	61.30	64.01	2.71		ł	0.065								-		ļ				
AX02-09	54228	64.01 67.06	70.10	3.05	 		0.327				<u> </u>	ļ			 		-			-	
AX02-09 AX02-09	54229 54230	70.10	73.15	3.05			0.197		 	 	 				 					 	
AX02-09	54856	73.15	73.80	0.65	 		0.827	<0.2	0.3	4860	<10	70	1	5	3.63	<0.5	12	37	58	3.42	<10
AX02-09	54231	73.80	76.20	2.40			0.281	<0.2	0.22	1225	<10	70	0.8	<2	3.55	<0.5	14	18	54	3.62	10
AX02-09	54232	76.20	78.40	2.20			0.235			ļ	l										
AX02-09	54233	78.40	79.40	1.00		ļ	0.274			·		 				L	ļ				
AX02-09	54234	79.40	82.30	2.90	l de (latenari s	L	0.092				ļ		-	1	 			ļ			ļ
AX02-09	54235 54236	82.30	85.34	3.04	ate (interval as	auuve)	0.079	<0.2	0.27	610	<10	120	1	<2	3.49	<0.5	13	21	50	3.48	10
AX02-09 AX02-09	54236	85.34	86.55	1.21			0.167		1	- ""	- ''	12.0			3,43		''		50	3,40	
AX02-09	54238	86.55	88.35	1.80	h		0.015	 -	t	†					İ	·		1			
AX02-09	54239	88 35	89.85	1.50		l	0.047														
AX02-09	54240	89.85	91.92	2.07			0.012		L	ļ <u>.</u>							ļ				
AX02-09	54241	91.92	95.20	3.28			0.145	<0.2	0.19	517	<10	100	0.7	<2	4.21	<0.5	13	20	49	3.42	10
_AX02-09	54242	95.20	97.54	2.34			0.061		 			-	-	-			ļ				
AX02-09	54243	97.54 99.93	99.93	1.87		- 	0.045		 	 	 	-	-	 	ļ	ļ	 				⊢
AX02-09 AX02-09	54244 54245	99.93	101.00	1.07	Standard	CDN-GS-1	5.190	 -		 	 	 		 	t						
AX02-09	54246	101.80	103.63	1.83			0.232	0.2	0.2	592	<10	70	0.6	<2	3.78	<0.5	13	18	46	3.54	10
AX02-09	54247	103.63	106.68	3.05			0.237														
AX02-09	54248	106.68	109.60	2.92			0.304		1		1						ļ				
AX02-09	54249	109.60	110.25	0.65	Breeze	ļ.——	0.223	-	 	ļ	 -	 -		ļ	 	<u></u>	ļ	ļ		 	
AX02-09	54250	110.05	140.00	2.73	Blank	ļ	<0.005 0.179	0.2	0.18	1250	<10	70	0.5	<2	3.79	<0.5	13	15	53	3.39	10
AX02-09 AX02-09	54251 54252	110.25 112.98	112.98 115.10	2.73	 	 	0.179	U.Z	U.10	1200	, 10	10	0.5		3./8	~U.5	13	10	93	3.38	- ''
AX02-09 AX02-09	54253	115.10	117.68	2.58	 	1	0.039		 						l		·				
AX02-09	54254	117.68	119.73	2.05	1		0.017		i		[
AX02-09	54255		T		ate (interval as	above)	0.016		Ι		l						l	I	ļ	l	
AX02-09	54256	119.73	121.92	2.19	L		0.014	<0.2	0.21	58	<10	180	0.8	<2	1.67	<0.5	5	35	8	1,33	10
AX02-09	54257	121.92	124.97	3.05			0.016	ļ	 	 	<u> </u>	_	1		<u> </u>		ļ	ļ	ļ <u>.</u>		
AX02-09	54258	124.97	128.02	3.05		ļ	0.043	1	-		-		<u> </u>	1	 -		ļ	 	ļ		
AX02-09	54259 54260	128.02 131.06	131.06	3.04		 	0.048	 	-	-	 -	 	 	 -	 			 	 	-	
AX02-09 AX02-09	54260	134.11	135.85	1.74			0.030	<0.2	0.2	46	<10	150	1.8	<2	2.41	<0.5	5	43	10	1.66	10
AX02-09	54262	135.85	139.00	3.15	t	 	0.020	· · · · ·	7.2	1 75	† · ``		1			<u></u>		,,,			
AX02-09	54263	139.00	141.40	2.40	†	 	0.011					***************************************	†								
AX02-09	54264	141.40	141.92	0.52	<u> </u>		0.017				L	L			L		L		<u> </u>		

Hole	Sample	Inte	rval	Width (m)	QC Sample	Standard	Αu	Hg	К	La	Mg	Mn	Мо	Na	Ní	P	РЬ	S	Sb	Sc	Šr
Number	Number	From	To		Туре	Number	þþm	ppm	%	ppm	*	ррт	ppm	%	ppm	ppm '	ppm	*	ppm	ррт	ppm
AX02-09	54201	18.50	20.65	2.15			0.031		 												
AX02-09	54202	20.65	22.45	1.80			0.034	<1	0.25	10	0.62	186	11	0.01	8	320	31	0.89	20	1	232
AX02-09	54203	22.45 24.10	24.10 25.10	1.65			0.044 0.145														
AX02-09 AX02-09	54204 54205	24.10	23.10	1.00	Standard	CDN-GS-3	0.811	<1	0.11	<10	0.65	462	6	0.09	21	580	14	0.07	<2	3	40
AX02-09	54206	25.10	27.94	2.84	Ottandara	CDIV-CO-S	0.021	<u> </u>	3.11	- ''	0.00		U	0.03		300		0.07		3	40
AX02-09	54207	27.94	31.10	3.16			0.012	28	0.33	30	1.45	712	3	0.04	10	2070	20	0.58	21	10	794
AX02-09	54208	31.10	34.00	2.90		i 	0.046							- U.U.		2070		0.00			1
AX02-09	54209	34.00	36.58	2.58			0.032		1												
AX02-09	54210				Blank		<0.005	1	0.18	10	0.46	180	1	0.05	9	290	3	0.01	<2	1	20
AX02-09	54211	36.58	39.62	3.04			0.200									Li					
AX02-09	54212	39.62	42.67	3.05			0.229	7	0.14	20	1.44	829	. 4	0.03	9	1420	20	1.08	42	10	1035
AX02-09 AX02-09	54213	42.67 42.80	42.80 45.40	0.13 2.60			0.352		ł					-							
AX02-09	54214 54215	92.80	43.40		ite (interval as	above)	0.336	 		ļ											
AX02-09	5421G	45.49	48.77	3.28	I te (ii iiei vai as	above	0.220	5	0.24	30	1.53	785	1	0.03	9	1280	19	1.36	42	8	1250
AX02-09	54217	48.77	51.82	3.05	l	.,	0.070	i	1					- 0.50	<u>-</u>			7.00	72	<u> </u>	1230
AX02-09	54218	51.82	53.22	1.40			0.272					Ī					<u> </u>				
AX02-09	54219	53.22	53.55	0.33			0.148														
AX02-09	54220	53.55	54.30	0.75			0.431		L	ļ <u>.</u>						l					
AX02-09	54221	54.30	54.65	0.35			0.345	10	0.13	20	1.78	836	1	0.03	9	1030	8	1.83	55	10	1805
AX02-09	54222	54.65	55.40	0.75	ļ		0.510									<u> </u>					ļ
AX02-09	54223	55.40	57.55 60.50	2.15			0.030	ļ	ļ										ļI		
AX02-09 AX02-09	54224 54225	57.55	00.00	2.95	Standard	CDN-GS-3	0.397	-			-						ļ 				
AX02-09	54225	60.50	61.30	0.80	Staridard	CDN-GG-5	0.035	—	0.66	50	1.65	722	<1	0.05	10	1940	6	0.19	10	8	577
AX02-09	54227	61.30	64.01	2.71		-	0.065		0.00	- <u></u>	1	, · · · · ·		0.00		7,040		0.15	!		- 3//-
AX02-09	54228	64.01	67.06	3.05			0.327												-		
AX02-09	54229	67.06	70.10	3.04			0.197		1								-				
AX02-09	54230	70.10	73.15	3.05	I		0.084														
AX02-09	54856	73.15	73.80	0.65			0.827	4	0.2	<10	1.57	731	1	0.04	9	270	14	2.32	47	9	1320
AX02-09	54231	73.80	76.20	2.40	!		0.281	3	0.16	20	1.52	721	<1	0.04	10	810	16	1.69	38	9	1280
AX02-09	54232	76.20	78.40	2.20			0.235					-									
AX02-09 AX02-09	54233 54234	78.40 79.40	79.40 82.30	1.00 2.90	-		0.274											l			
AX02-09	54235	79.40	62.30		i ite (interval as	ahove)	0.079												· · · · · · · · · · · · · · · · · · ·		
AX02-09	54236	82.30	85.34	3.04		,	0.068	21	0.21	40	1.45	740	1	0.04	9	1820	10	0.83	28	8	932
AX02-09	54237	85.34	86.55	1.21			0.167														
AX02-09	54238	86.55	88.35	1.80			0.015			·											
AX02-09	54239	88.35	89.65	1.50			0.047					ļ									
AX02-09	54240	89.85	91.92	2.07			0.012									1000	.=				
AX02-09	54241	91.92	95.20	3.28	 		0.145	8	0.16	40	1.79	773	1	0.03	9	1650	15	1.48	33	9	1170
AX02-09 AX02-09	54242 54243	95.20 97.54	97.5 <u>4</u> 99.93	2.34			0.061	 		-	-					\vdash					
AX02-09 AX02-09	54244	97.54	101.80	1.87	ļ		0.045	 	 	} — 	 -	 				 -					
AX02-09	54245	00.00	101.00	7.0	Standard	CDN-GS-1	5.190	 													$\overline{}$
AX02-09	54246	101.80	103.63	1.83			0.232	1	0.16	30	1.7	764	2	0.04	10	1720	9	2.36	34	9	1770
AX02-09	54247	103.63	106.68	3.05			0.237														[
AX02-09	54248	106.68	109.60	2.92			0.304														
AX02-09	54249	109.60	110.25	0.65			0.223		ļ		ļ					ļ					
AX02-09	54250	172.55			Blank		< 0.005				1-1			0.00	17	1777					
AX02-09	54251	110.25	112.98 115.10	2.73 2.12	ļ	ļ	0.179	3	0.17	30	1.71	714	8	0.03	11	1750	88	2.56	38	- 8	1520
AX02-09 AX02-09	54252 54253	112.98 115.10	115.10	2.12			0.031		 		-	-				H					
AX02-09	54254	117.68	119.73	2.05	 	 	0.035	<u> </u>	1												
AX02-09	54255	,,,,,,,,			ite (interval as	above)	0.016				 	t								· · · · · · · · · · · · · · · · · · ·	
AX02-09	54256	119.73	121.92	2.19			0.014	<1	0.16	20	0.88	335	<1	0.03	38	390	21	1.06	11	1	438
AX02-09	54257	121.92	124.97	3.05			0.016				L	I									
AX02-09	54258	124.97	128.02	3.05			0.043														
AX02-09	54259	128.02	131.06	3.04			0.048	-			<u> </u>			ļ		 		ļ			
AX02-09	54260	131.06	134.11	3.05	ļ		0.030					050	_	0.04		200		L	<u></u>		
AX02-09	54261	134.11	135.85	1.74			0.020	<1	0.14	20	1.3	959	2	0.04	29	260	22	1.41	10	2	665
AX02-09	54262 54263	135.85 139.00	139.00	3.15 2.40	 	-	0.013	 	 	 	+										
AX02-09 AX02-09	54263	141.40	141.92	0.52	 		0.017		+	 	 	<u> </u>			ļ				├──	··· ··· ·· ··	
	34204	T 141'40	141.82	0.02	·	L	0.017			L	·			L			<u> </u>		ii		

Rubicon Minerals Corporation

	lole		Inte		Width (m)	QC Sample	Standard	Au	Ti	TI	U	٧	W	Zn
	mber	Sample Number	From	70	venacri (m)	Туре	Number	ppm	*	ррт	ppm	ppm	ppm	ppm
	02-09	54201	18.50	20.65	2.15			0.031						
	02-09	54202	20.65	22.45	1.80	··		0.034	<0.01	<10	<10	11	<10	33
	02-09	54203	22.45	24.10	1.65			0.044						
	02-09	54204	24.10	25.10	1.00	· -		0.145						
	02-09	54205				Standard	CDN-GS-3	0.811	0.07	<10	<10	46	<10	45
	02-09	54206	25.10	27.94	2.84			0.021						
	02-09	54207	27.94	31,10	3.16			0.012	0.02	<10	<10	71	<10	77
	02-09	54208	31,10	34.00	2.90			0.046						
	02-09	54209	34.00	36.58	2.58			0.032						
	02-09	54210				Blank		<0.005	0.01	<10	<10	8 .	<10	16
	02-09	54211	35.58	39.62	3.04			0.200						L
	(02-09	54212	39.62	42.67	3.05			0.229	<0.01	<10	<10	46	<10	71
	(02-09	54213	42.67	42.80	0.13			0.352						
	(02-09	54214	42.80	45.40	2.60			0.338						
A	(02-09	54215			Duplica	ite (intervat as	above)	0.226						
	(02-09	54216	45.49	48.77	3.28	T		0.220	0.01	<10	40	44	<10	76
	(02-09	54217	48.77	51.82	3.05	l'		0.070						İ
	(02-09	54218	51.82	53.22	1.40			0.272						
	(02-09	54219	53.22	53.55	0.33	1	li	0.148				L		
	(02-09	54220	53.55	54.30	0.75			0.431						l
	(02-09	54221	54.30	54.65	0.35			0.345	<0.01	<10	10	39	<10	93
	(02-09	54222	54.65	55.40	0.75			0.510						I
	(02-09	54223	55.40	57.55	2.15			0.030						
	K02-09	54224	57.55	60.50	2.95			0.397						
	(02-09	54225				Standard	CDN-GS-3	0.670						
	(02-09	54226	60.50	61.30	0.80			0.035	0.06	<10	170	84	<10	69
	K02-09	54227	61.30	64.01	2.71	•		0.065					L	L
	K02-09	54228	64.01	67.06	3.05			0.327						
	K02-09	54229	67.06	70.10	3.04			0.197						
	K02-09	54230	70.10	73.15	3.05			0.084					L	<u> </u>
	K02-09	54856	73.15	73.80	0.65			0.827	<0.01	<10	<10	33	<10	71
	K02-09	54231	73.80	76.20	2.40			0.281	<0.01	<10	60	_ 30	<10	78
	K02-09	54232	76.20	78.40	2.20			0.235					<u></u>	
	K02-09	54233	78.40	79.40	1.00			0.274						<u> </u>
	X02-09	54234	79.40	82.30	2.90		Ī	0.092	l					ļ
	X02-09	54235			Duplic	ate (interval as	above)	0.079				[
	X02-09	54236	82.30	85.34	3.04			0.068	0.01	<10	140	50	<10	56
	X02-09	54237	85.34	86.55	1.21			0.167			<u> </u>			l
	X02-09	54238	86.55	88.35	1.80			0.015						
	X02-09	54239	88.35	89.85	1.50			0.047			ļ			ļ
	X02-09	54240	89.85	91.92	2.07	1		0.012						
	X02-09	54241	91.92	95.20	3.28			0.145	0.01	<10	100	41	<10	64
	X02-09	54242	95.20	97.54	2.34	I	l	0.061			1		ļ	
	X02-09	54243	97.54	99.93	2.39		1	0.045	<u></u>		l		ļ	1
	X02-09	54244	99.93	101.80	1.87			0.192						
	X02-09	54245				Standard	CDN-GS-1	5.190	<u> </u>	<u> </u>] _= =	ļ	1
	X02-09	54246	101.80	103.63	1.83	<u> </u>	L	0.232	<0.01	<10	100	30	<10	45
	X02-09	54247	103.63	106.68	3.05		<u> </u>	0.237						
	X02-09	54248	106.68	109.60	2.92		<u> </u>	0.304				<u> </u>		
	X02-09	54249	109.60	110.25	0.65		l	0.223	1		<u> </u>		<u> </u>	ļ. —
	X02-09	54250		1		Blank		<0.005	L				<u> </u>	
	X02-09	54751	110.25	112.98	2.73			0.179	<0.01	<10	90	29	<10	35
	X02-09	54252	112.98	115.10	2.12	L		0.031			ļ			
	X02-09	54253	115.10	117.68	2.58	J	<u> </u>	0.039	ļ		 	ļ	ļ	ļ.——
	X02-09	54254	117.68	119.73	2.05	1	<u> </u>	0.017	ļ <u> </u>				ļ	ļ
	X02-09	54255		1		ate (interval a	s above)	0.016	<u> </u>		!	ļ	ļ- 	<u> </u>
	X02-09	54256	119.73	121.92	2.19		L	0.014	<0.01	<10	80	3	<10	43
	X02-09	54257	121.92	124.97	3.05	1		0.016			<u> </u>		ļ	Ļ
	X02-09	54258	124.97	128.02	3.05		ļ .	0.043	<u> </u>				ļ <u>.</u>	-
	X02-09	54259	128.02	131.06	3.04		I	0.048	 		 	!	ļ	ļ. <u></u>
	X02-09	54260	131.06	134.11	3.05		1	0.030	L	L		ļ	L	<u> </u>
	X02-09	54261	134.11	135.85	1.74		1	0.020	<0.01	<10	40	5	<10	49
	X02-09	54262	135.85	139.00	3.15	1		0.013			1			ļ
	X02-09	54263	139.00	141.40	2.40			0.011			 	L		
	X02-09	54264	141.40	141.92	0.52	L	l	0.017		L				L

Axelgold 2002 Drilling Program

AX02-09

Hote	Semple	teste	rval	Width (m)	QC Sample	Standard	Au	Ag	Al	As	В	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Number	Number	From	To		Туре	Number	ppm	ppm	*	ppm	ppm	ppm	ppm	ppm	<u> </u>	ppm	ppm	ppm	ppm	*	ppm
AX02-09	54265				Standard	CDN-GS-3	0.873														
AX02-09	54266	141.92	143.20	1.28			0.018	<0.2	0.16	43	<10	100	0.8	<2	1.61	<0.5	5	37	11	1.68	<10
AX02-09	54267	143.20	146.10	2.90			0.015				I								I		L
AX02-09	54268	146.10	147.90	1.80			0.011														
AX02-09	54269	147.90	150.10	2.20			0.006				ļ	l		l	1						
AX02-09	54270	150.10	152.50	2.40	1		< 0.005														
AX02-09	54271	152.50	153.45	0.95	I		0.057	<0.2	0.19	60	<10	50	0.7	<2	3.7	0.5	14	17	65	3.59	10
AX02-09	54272	153.45	155.45	2.00			< 0.005			1	I							[Ĭ
AX02-09	54273	155.45	157.65	2.20			<0.005				1					1					
AX02-09	54274	157.65	158.50	0.65			<0.005				I					Ĺ			I		
AX02-09	54275			Duplica	ate (interval a:	s above)	<0.005								I				l		
F	DH			1																	

Hole	Sample	Inte	rvel	Width (m)	QC Sample	Standard	Αu	Hg	K	La	Mg	Mn	Mo	Na	Ni	Р	ÞЬ	Š	Sb	Sc.	Sr
Number	Number	From	To	I	Type	Number	ppm	рфп	%	ppm	%	ppm	ppm	%	ррпп	ppm	ppm	%	ppm	ppm	ppm
AX02-09	54265		J	1	Standard	CDN-GS-3	0.873														
AX02-09	54266	141.92	143.20	1.28			0.018	<1	0.12	30	0.85	376	1	0.04	24	330	22	1.28	9	2	2270
AX02-09	54267	143.20	146.10	2.90			0.015]		1			1		1			1
AX02-09	54268	146.10	147.90	1.80		1	0.011												,	1	1
AX02-09	54269	147.90	150.10	2.20			0.006											1			1
AX02-09	54270	150.10	152.50	2.40	1		<0.005							[1		1	i — — —		T
AX02-09	54271	152.50	153.45	0.95			0.057	2	0.16	50	1.61	760	1	0.04	-8	2090	21	1.29	34	7	608
AX02-09	54272	153.45	155.45	2.00			<0.005							[1					1
AX02-09	54273	155.45	157.65	2.20			<0.005						1			T					
AX02-09	54274	157.65	158.50	0.85			<0.005				T				ļ ———	1		1			1
AX02-09	54275		1	Duplice	ate (interval as	s above)	<0.005				1								1		1
EC)H										•								4		

Hole	Sample	Inte	rval	Width (m)	QC Sample	Standard	Au	ΤI	Ti	U	V	W	Zn
Number	Number	From	To_		Туре	Number	ppm	74	ppm	ppm	ppm	ppm	ppm
AX02-09	54265	×			Standard	CDN-GS-3	0.873						
AX02-09	54266	141.92	143.20	1.28			0.018	< 0.01	<10	70	6	<10	47
AX02-09	54267	143.20	146.10	2.90			0.015	l	L	I]	
AX02-09	54268	146.10	147.90	1.80			0.011				I		
AX02-09	54269	147.90	150.10	2.20			0.006			i		1	
AX02-09	54270	150.10	152.50	2.40			<0.005	I					
AX02-09	54271	152.50	153.45	0.95		l	0.057	<0.01	<10	110	35	<10	62
AX02-09	54272	153.45	155.45	2.00	["		<0.005						
AX02-09	54273	155.45	157.65	2.20			<0.005					1	
AX02-09	54274	157.65	158.50	0.85			<0.005						
AX02-09	54275			Duplice	ite (interval as	above)	<0.005						
Ė	DH									l			

Hole	Sample	Inte	rvel	Width (m)	QC Sample	Standard	Au	Ag	Al	As	ē	Ba	Be	Bi	Ça	Cd	Co	Cr	Cu	Fe	Ga
Number	Number	From	To		Туре	Number	ppm	ppm	*	ppm	ppm	ppm	ppm	ppm	%	ррт	ppm	ppm	ppm	*	ppm
AX02-10	54276	10.67	15.24	4.57	ii		0.046														i
AX02-10	54277	15.24	18.29	3.05		ABU 33 -	0.772														
AX02-10	54278				Standard	CDN-GS-3	0.117														
AX02-10	54279	18.29	19.50	1.21			0.115 0.170	1.2	0.57	205	<10	40	0.5	<2	0.35	0.7	9	50	312	2.82	<10
AX02-10	54280	19.50	21.34	1.84			0.170	1.2	0.57	200	<u> </u>		U.3		0.33	0.7	. 9	50	312	2.02	
AX02-10	54281	21.34	24.38	3.04 4.15			0.089								-	-					
AX02-10	54282	24.38	28.53	4.15	Blank		0.005														
AX02-10	54283	28.53	30.48	1.95	Digital		0.141														
AX02-10	54284	30.48	33.53	3.05			0.146	0.9	0.54	167	<10	20	0.8	2	0.36	1,4	10	31	481	2.75	<10
AX02-10 AX02-10	54285 54286	33.53	36.58	3.05			0.086	- V.U					- 2.5		0.00			· · · · · · ·		21,0	
AX02-10	54287	36.58	38.63	2.05			0.240														
AX02-10	54288	30.30	50.05		te (interval as	above)	0.188														
AX02-10	54289	38.63	40.63	2.00			0.092													,	
AX02-10	54290	40.63	42.67	2.04			0.195	0.5	0.55	175	10	30	0.6	<2	0.47	0.7	8	47	493	2.19	<10
AX02-10	54291	42.67	45.72	3.05			0.133													•	
AX02-10	54292	45.72	48.12	2.40			0.097														
AX02-10	54293	48.12	51.62	3.50			0.423														
AX02-10	54294	51.62	54.96	3.34			0.090														
AX02-10	54295	54.96	57.91	2.95			0.123	<0.2	0.61	151	<10	30	0.5	<2	0.92	<0.5	12	27	104	2.8	<10
AX02-10	54296	57.91	60.96	3.05			0.131														
AX02-10	54297	60.96	64.01	3.05			0.101								L						
AX02-10	54298				Standard	CDN-GS-2	<0.005														
AX02-10	54299	64.01	67.06	3.05			0.118	L									ļ	<u>-</u>			
AX02-10	54300	67.06	68.16	1.10	ļ		0.138	0.4	0.65	120	10	30	0.5	2	1.05	<0.5	14	32	279	2.77	<10
AX02-10	54301	68.16	70.10	1.94			0.112	ļ													
AX02-10	54302	70.10	73.15	3.05			0.159														
AX02-10	54303	73.15	75.00	1.85	<u></u> -		0.202														
AX02-10	54304	75.00	76.85	1.85			0.087														
AX02-10	54305	76.85	79.25	2.40	<u>.</u>		0.063	<0.2	0.38	52	<10	40	<0.5	<2	0.77	<0.5	7	26	41	2.18	<10
AX02-10	54306	79.25	80.85	1.60			0.080	ļ	ļ									ļ			
AX02-10	54307	80.85	82.30	1.45	<u> </u>	L.,	0.129	ļ	-												
AX02-10	54308		l		ate (interval as	above)	0.112														
AX02-10	54309	82.30	85.34	3.04			0.260	0.8	0.43	284	<10	20	0.5	2	0.82	0.7	12	35	105	3.31	<10
AX02-10	54310	85.34	88.39	3.05			0.208 0.189	0.0	0.43	204	~10		0.5		0.02		12	33	103	3.31	~10
AX02-10	54311	88.39	91.44	3.05	·}																
AX02-10	54312	91.44	94.37	2.93 3.30	 		0.115														
AX02-10	54313	94.37	97.67 98.24	0.57		ļ 	0.175							-							
AX02-10	54314	97.67	100.70	2.46	 		0.221	0.2	0.61	173	<10	60	0.7	3	1.35	<0.5	18	14	59	2.75	<10
AX02-10 AX02-10	54315 54316	98.24 100.70	103.63	2.93	 		0.107	V.2	- 0.0.						1.55			 			
AX02-10	54317	100.70	103.63	2.53	Standard	CDN-GS-3	0.825														
	54318	103.63	106.68	3.05	Otaridard	0011 00 0	0.253	 										1			
AX02-10 AX02-10	54319	106.68	108.75	2.07	 		0.231			-											
AX02-10	54320	108.75	109.64	0.89	 		0.079	<0.2	0.33	70	<10	60	<0.5	3	0.89	<0.5	10	23	57	1.73	<10
AX02-10	54321	109.64	112.04	2.40	1		0.392		1				117								
AX02-10	54322	100.04	, 12.04		Błank		<0.005	 									·				
AX02-10	54323	112.04	114.63	2.59	 		0.096	T													
AX02-10	54324	114.63	114.95	0.32	1		0.169	1													
AX02-10	54325	114.95	115.36	0.41	1	l	0.121	0.9	0.36	153	<10	30	<0.5	8	1,13	0.7	18	26	103	2.6	<10
AX02-10	54326	115.36	116.79	1,43			0.169		I						L				L		
AX02-10	54327	1		Duplic	ate (interval a:	above)_	0.180														
AX02-10	54328	116.79	117.90	1.11			0.191										L		L		
AX02-10	54329	117.90	119.70	1.80			0.115						ļ		L		L	ļ	 		L
AX02-10	54330	119.70	121.80	2.10			0.168	1.7	0.54	269	<10	10	<0.5	4	1.6	1.7	21	26	344	4.34	<10
AX02-10	54331	121.80	123.87	2.07			0.218		<u> </u>									ļ	L		
AX02-10	54332	123.87	124.97	1.10	1		0.302						 _	<u> </u>				ļ			
AX02-10	54333	124.97	128.02	3.05	1		0.223						ļ	 			ļ	 	<u> </u>		
AX02-10	54334	128.02	131.06	3.04		L	0.224	ļ										ļ			····
AX02-10	54335	131.06	134.11	3.05	J	ļ	0.234	<u> </u>	l				<u></u>		4 ==		ļ <u>z.</u>	·	4 4 4 4	- 1 22	
AX02-10	54336	134.11	137.16	3.05			0.160	8.0	0.41	325	10	20	<0.5	<2	1.79	0.7	24	20	170	4.29	20
AX02-10	54337	<u> </u>			Standard	CDN-GS-3	0.836	1:	_				L					1	1 5 5 5 5	1.77	
AX02-10	54338	137.16	140.21	3.05	1	L	0.128	L					·	 	4 50	-0.5	1	 	105	0.00	
AX02-10	54339	140.21	143.26	3.05	1	I	0.155	0.7	0.6	127	<10	30	0.6	6	1.32	<0.5	12	26	165	2.36	<10
AX02-10	54340	143.26	144.35	1.09	ļ		0.140	0.2	0.48	93	<10	60	0.5	4	1.49	<0.5	6	31	108	1.76	<10
AX02-10	54341	144.35	146.30	1.95	1	l	0.162	L	<u> </u>	L	L	L	<u> </u>	<u> </u>	l	L	1	<u> </u>		L	L

AX02-10 AX02-10 AX02-10 AX02-10 AX02-10 AX02-10 AX02-10 AX02-10	Sample Number 54276 54277 54278 54279	10.67 15.24	Te 15.24	4.57	Туре	Number	ppm	ppm	*	ppm	%	ppm	ppm	%	ррт	ppm	ppm	%	ppm	ppm	
AX02-10 AX02-10 AX02-10 AX02-10 AX02-10 AX02-10	54277 54278			4,57						РРИП		ppe	ppm	-	PPO	PPIN	hhu		ppm	Pyri	ppm
AX02-10 AX02-10 AX02-10 AX02-10 AX02-10	54278	15.24			i		0.046														
AX02-10 AX02-10 AX02-10 AX02-10			18.29	3.05			0.772				_										ļ
AX02-10 AX02-10 AX02-10	54279				Standard	CDN-GS-3	0.117														↓
AX02-10 AX02-10		18.29	19.50	1.21	İ		0.115 0.170	1	0.48	50	0.63	324	95	0.03	20	230	193	2.8	56	2	449
AX02-10	54280	19.50	21,34	1.84 3.04	ļ		0.170		0.46	30	0.03	324	95	0.03		230	193	2.8	56		449
	54281 54282	21.34 24.38	24.38 28.53	4.15	ł		0.089		-	-											
AX02-10	54283	24.30	20.55	4,13	8lank		0.005		l												ļ
AX02-10	54284	28.53	30.48	1.95	CALIFE		0.141														
AX02-10	54285	30.48	33.53	3.05	I		0.146	1	0.46	80	0.65	555	95	0.03	18	370	303	2.61	95	2	442
AX02-10	54286	33.53	36.58	3.05			0.086														
AX02-10	54287	36.58	38.63	2.05			0.240														1
AX02-10	54288			Duplica	ate (interval as	above)	0.188														
AX02-10	54289	38.63	40.63	2.00			0.092														
AX02-10	54290	40.63	42.67	2.04			0.195	1	0.5	120	0.78	312	157	0.03	19	290	197	2.16	116	1	545
AX02-10	54291	42.67	45.72	3.05			0.133														ļ
AX02-10	54292	45.72	48.12	2.40			0.097														
AX02-10	54293	48.12	51.62	3.50	ļ		0.423					ļi									-
AX02-10	54294	51.62	54.96	3.34	 		0.090		0.50	00	0.00	255	72	0.04	4.4	Ė45	400	7, 72	15		+
AX02-10	54295	54.96	57.91	2.95			0.123	<1	0.52	80	0.82	355	72	0.04	11	510	132	2.75	16	1	826
AX02-10	54296	57.91	60.96	3.05 3.05	 		0.131		-		ļ						-				+
AX02-10	54297	60.96	64.01	3.05	Standard	CDN-G5-2	<0.005	-	 		-					-					+
AX02-10 AX02-10	54298 54299	64.01	67.06	3.05	Staridatu	ODIVOGE	0.118				-			·							
AX02-10	54300	67.06	68.16	1.10	1		0.138	<1	0.6	50	0.96	496	166	0.04	11	780	105	2.63	52	1	706
AX02-10	54301	68.16	70.10	1.94			0.112				0.00			0.01				2.00			7.00
AX02-10	54302	70.10	73.15	3.05	1		0.159						· · · · ·	t						i	1
AX02-10	54303	73.15	75.00	1.85	[0.202														1
AX02-10	54304	75.00	76.85	1.85			0.087														1
AX02-10	54305	76.85	79.25	2.40			0.063	<1	0.33	40	0.85	468	25	0.03	9	780	74	2	14	1	462
AX02-10	54306	79.25	80.85	1.60			0.080														
AX02-10	54307	80.85	82.30	1.45			0.129			_											
AX02-10	54308				ate (interval as	above)	0.112		<u> </u>												ļ
AX02-10	54309	82.30	85.34	3 04			0.260								ļ				<u> </u>		
AX02-10	54310	85.34	88.39	3.05			0.208	<1	0.33	40	0.85	515	58	0.04	11	1030	130	3.17	_50	2	481
AX02-10	54311	88.39	91.44	3.05			0.189		ļ <u>-</u>											-	-
AX02-10	54312	91,44	94.37	2.93	-		0.115		 -											 	
AX02-10	54313	94.37	97.67	3.30 0.57	 		0.175 0.226		-				-	-							+
AX02-10 AX02-10	54314 54315	97.67 98.24	98.24	2.46			0.221	<1	0.5	70	1.49	792	28	0.03	13	2420	182	2.07	21	5	1030
AX02-10	54316	100.70	103.63	2.93	+		0.107	-,	<u>v</u>					. 0.00		:				-	1
AX02-10	54317	100.70	100.00	2.00	Standard	CDN-GS-3	0.825														†
AX02-10	54318	103.63	106.68	3.05			0.253					ļ	1						1		
AX02-10	54319	106.68	108.75	2.07			0.231		1												1
AX02-10	54320	108.75	109.64	0.89			0.079	<1	0.27	50	0.89	632	25	0.04	7	1040	53	1.37	20	4	885
AX02-10	54321	109.64	112.04	2.40		l" l	0.392														
AX02-10	54322				Blank		<0.005													ļ	
AX02-10	54323	112.04	114.63	2.59	1		0.096	<u> </u>	1	ļ	ļ	ļ		1	1	ļ					_
AX02-10	54324	114.63	114.95	0.32	ļ .		0.169		0.50	-		L		0.00		2010	407	0.00		1	
AX02-10	54325	114.95	115.36	0.41	4	ļ	0.121	<1	0.32	50	0.92	844	74	0.02	17	2010	187	2.37	37	4	769
AX02-10	54326	115.36	116.79	1.43	1-1-1-1		0.169		 		 	ļ	-		 					-	+
AX02-10	54327	140.75	443.00		ate (interval as	anove)	0.180		 	 			 	 	<u> </u>			 -	 	 	+
AX02-10	54328	116.79	117.90	1.11	-		0.115	 	 						 		 			 	+
AX02-10	54329	117.90	119.70	2.10	1	-	0.168	1	0.46	70	0.97	798	155	0.03	24	2650	313	4.4	56	3	872
AX02-10	54330	119.70	121.80	2.10	1		0.108		1-0.40	· · · ·	0.01	1.50	100	1		- 2000	· · · ·		3,5	⊢ Ť	+ ···
AX02-10	54331	123.87	123.87	1,10	· † · · ·		0.302		 					1		 -		ļ	· · ·	 	1
AX02-10 AX02-10	54332 54333	123.87	128.02	3.05	+	 	0.223		t				1-	t				<u> </u>	t	†	1
AX02-10 AX02-10	54334	128.02	131.06	3.04	1	<u> </u>	0.224	 	t	-		†	t	1	†		l	l	1	· ·	1
AX02-10	54335	131.06	134.11	3.05	- 		0.234		1]
AX02-10	54336	134.11	137.16	3.05		i	0.160	1	0.35	50	1.36	2040	57	0.03	21	2850	125	4.06	26	5	716
AX02-10	54337		1		Standard	CDN-GS-3	0.836														
AX02-10	54338	137.16	140.21	3.05	1		0.128]												
AX02-10	54339	140.21	143.26	3.05	T		0.155	<1	0.55	40	1.06	698	60	0.03	12	1180	88	2.33	28	2	652
AX02-10	54340	143.26	144.35	1.09			0.140	<1	0.47	50	1.11	1045	36	0.02	10	900	56	1.7	14	2	731
AX02-10	54341	144.35	146.30	1.95		L	0.162		L	<u>i</u>	<u> </u>		<u></u>		1	L	L		l	<u></u>	

Rubicon Minerals Corporation

Hole	Sample	Inte	rvel	Width (m)	QC Sample	Standard	Au	TI	TI	- U	V	W	Zn
Number	Number	From	To		Туре	Number	ppm	%,	ppm	ppm	ppm	ppm	ppm
AX02-10	54276	10.67	15.24	4.57			0.046						
AX02-10	54277	15.24	18.29	3.05			0.772						
AX02-10	54278				Standard	CDN-GS-3	0.117						
AX02-10	54279	18.29	19.50	1.21	ļ		0.115	-0.04	15	- 44	1.1	<10	277
AX02-10	54280	19.50	21.34	1.84			0.170	<0.01	10	20	14	<10	211
AX02-10	54281	21.34	24.38	3.04			0.147						
AX02-10	54282	24.38	28.53	4.15	D)1.								
AX02-10	54283			405	Blank		0.005 0.141						
AX02-10	54284	28.53	30.48	1.95 3.05	ļ		0.146	<0.01	10	20	17	<10	361
AX02-10	54285	30.48 33.53	33.53 36.58	3.05			0.086	*0.01	10	20	,,,	*10	301
AX02-10	54286		38.63	2.05	-		0.240						
AX02-10 AX02-10	54287 54288	36.58	30.03		te (interval as	ehove)	0.188		•	-			
	54289	38.63	40.63	2.00	I	1	0.092			i			Í —
AX02-10 AX02-10	54290	40.63	42.67	2.04			0.195	0.01	10	30	18	<10	176
AX02-10	54291	42.67	45.72	3.05			0.133	0.0.				- '•	1,10
AX02-10	54292	45.72	48.12	2.40	 		0.097						
AX02-10	54293	48.12	51.62	3.50			0.423						
AX02-10	54294	51.62	54.96	3.34			0.090			1			1
AX02-10	54295	54.96	57.91	2.95			0.123	<0.01	10	30	15	<10	69
AX02-10	54296	57.91	60.96	3.05			0.131						L
AX02-10	54297	60.96	64.01	3.05			0.101				ļ		
AX02-10	54298				Standard	CDN-GS-2	<0.005				<u> </u>		
AX02-10	54299	64.01	67.06	3.05			0.118					ļ	1
AX02-10	54300	67.06	68.16	1.10		<u> </u>	0.138	0.01	10	20	14	<10	93
AX02-10	54301	68.16	70.10	1.94			0.112			ļ	<u> </u>		
AX02-10	54302	70.10	73.15	3.05	L	ļ	0.159						
AX02-10	54303	73.15	75.00	1.85			0.202			ļ			<u> </u>
AX02-10	54304	75.00	76.85	1.85			0.087			- 40			49
AX02-10	54305	76.85	79.25	2.40	.	ļ	0.063	<0.01	10	10	9	<10	49
AX02-10	54306	79.25	80.85	1.60	ļ. ——		0.080			ļ	 		
AX02-10	54307	80.85	82.30	1.45		l	0.129			 			
AX02-10	54308	ļ			ate (interval as	above)	0.112 0.260			 			
AX02-10	54309	82 30	85.34	3.04 3.05		ļ	0.208	<0.01	10	10	11	<10	158
AX02-10	54310	85.34	88.39		 		0.189	~0.01		10	- ''	10	130
AX02-10	54311	88.39	91,44	3.05 2.93	ļ		0.109						
AX02-10	54312	91.44	94.37	3.30	 	 	0.175				-		
AX02-10	54313	94,37 97,67	98.24	0.57		i	0.226			 	 	-	
AX02-10	54314 54315	98.24	100.70	2.46	 		0.221	< 0.01	10	20	19	<10	103
AX02-10 AX02-10	54316	100.70	103.63	2.93	4		0.107				 		1
AX02-10	54317	100.70	103.03	2.50	Standard	CDN-GS-3	0.825						
AX02-10	54318	103.63	106.68	3.05			0.253			1			
AX02-10	54319	106.68	108.75	2.07	† · · · · ·		0.231				1	l	
AX02-10	54320	108.75	109.64	0.89			0.079	<0.01	10	20	9	<10	69
AX02-10	54321	109.64	112.04	2.40	T		0.392						
AX02-10	54322	[I	Blank		<0.005						
AX02-10	54323	112.04	114.63	2.59			0.096			1	ļ	ļ	ļ
AX02-10	54324	114.63	114.95	0.32			0.169			1			ļ
AX02-10	54325	114.95	115.38	0.41	ļ	ļ <u> </u>	0.121	<0.01	10	20	10	<10	236
AX02-10	54326	115.36	116.79	1,43	L	l	0.169			ļ		<u> </u>	ļ
AX02-10	54327		L		ate (interval a	s above)	0.180	 	ļ		ļ		-
AX02-10	54328	116.79	117.90	1.11	ļ		0.191				 		
AX02-10	54329	117.90	119.70	1.80		ļ	0.115	A		20	45	-10	372
AX02-10	54330	119.70	121.80	2.10			0.168	0.01	10	30	15_	<10	3/2
AX02-10	54331	121.80	123.87	2.07	_	 	0.218	ļ	-	 		 	
AX02-10	54332	123.87	124.97	1.10			0.302	 	 	-	 	 	
AX02-10	54333	124.97	128.02	3.05	 	 	0.223		 	1	 		
AX02-10	54334	128.02	131.06	3.04	+	 -	0.234		 	 	t		
AX02-10	54335	131.06	134.11 137.16	3.05	 	 	0.160	<0.01	<10	150	17	10	149
AX02-10	54336	134.11	137.16	3.03	Standard	CDN-GS-3	0.836	-0.01	1 -10	 	 		† - : : ` -
AX02-10 AX02-10	54337	137.16	140.21	3.05	Startiard	35,1-00-0	0.128	 		 -		<u> </u>	
	54338		143.26	3.05		 	0.155	0.01	<10	<10	17	<10	63
AX02-10 AX02-10	54339 54340	140.21 143.26	143.20	1.09	+	 	0.140	<0.01	<10	<10	12	<10	58
AX02-10 AX02-10	54341	144.35	146.30	1.95	 	t	0.162			T	T	 	1
AA02-10	1 04341	144.30	1 **0.30	1.00	٠	J							

Axelgold 2002 Drilling Program

Hole	Sample	frite	rval	Width (m)	QC Bample	Standard	Au	Ag	Al	Aş	В	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ġa
Number	Number	From	To		Туре	Number	ppm	ppm	4.	ppm	ppm	ppm	рри	ppm	%	ррм	ppm	ppm	ppm	%	ppm
AX02-10	54342	146.30	149.35	3.05			0.117	0.3	0.21	148	<10	40	<0.5	6	1.01	<0.5	7	23	192	2.47	<10
AX02-10	54343	149.35	152.40	3.05			0.212	0.3	0.26	124	<10	20	<0.5	<2	0.99	<0.5	8	21	191	3.03	<10
AX02-10	54344	152.40	155.45	3.05			0.121	0.7	0.38	63	<10	40	0.5	6	2.18	<0.5	6	22	129	2.21	<10
AX02-10	54345	155.45	158.50	3.05			0.172						I								
AX02-10	54346	158.50	161.54	3.04			0.140														
AX02-10	54347			Duplice	ile (interval as	above)	0.152													I	
AX02-10	54348	181.54	164,69	3.15			0.174	<0.2	0.31	112	<10	20	<0.5	<2	1	<0.5	7	23	179	2.59	<10
AX02-10	54349	164.69	167.69	3.00			0.227													I	
AX02-10	54350	167.69	170.69	3.00			0.060			·								I			
AX02-10	54351	170.69	173.74	3.05			0.125														
AX02-10	54352	173.74	176.78	3.04			0.163														
AX02-10	54353	176.78	179.83	3.05			0.233	<0.2	0.38	163	<10	30	0.5	<2	1,19	<0.5	7	22	171	2.66	<10
AX02-10	54354	179.83	182.88	3.05			0.179			Į .		I		[[,
AX02-10	54355	182.88	185.93	3.05			0.245														
AX02-10	54356	185.93	188.98	3.05	1		0.083								Į	i					
AX02-10	54357				Standard	CDN-GS-1	5.560	1	2.07	82	10	80	0.5	11	1.04	0.9	7	113	80	8.24	10
AX02-10	54358	188.98	192.02	3.04			0.086	į						1		l			[1	
AX02-10	54359	192.02	195.07	3.05			0.102	0.2	0.4	123	10	30	0.7	<2	1.62	<0.5	6	15	135	2.39	10
AX02-10	54360	195.07	198.12	3.05			0.154					L	<u> </u>		l			I			
AX02-10	54361	198.12	201.17	3.05			0.137														
AX02-10	54362				Blank		< 0.005	Ī		Į	i	<u> </u>									
AX02-10	54363	201.17	204.22	3.05			0.086									I					
AX02-10	54364	204.22	207.26	3.04			0.125	0.2	0.25	82	10	60	0.6	<2	1.22	<0.5	6	15	98	2.15	10
AX02-10	54365	207.26	210.31	3.05			0.084							1			<u> </u>	1		l	
AX02-10	54366	210.31	213.36	3.05			0.042					L	l	L			[
AX02-10	54367			Duplice	ate (Interval a	above)	0.068														
AX02-10	54368	213.36	216.30	2.94		I	0.080						L							I	
AX02-10	54369	216.30	219.46	3.16	I		0.179	<0.2	0.45	66	20	30	0.8	<2	2.06	<0.5	11	18	61	2.64	10
AX02-10	54370	219.46	221.30	1.84			0.100	<0.2	0.33	59	<10	30	0.5	2	1.95	<0.5	9	24	53	2.3	<10
AX02-10	54371	221.30	222.50	1.20	i		0.114		L	L	L	L	L			L		L	L		
AX02-10	54430	222.50	225.55	3.05	I		0.168		L	L	<u></u>	L		l		<u></u>			L	<u></u>	
	E	ÓН	1																		

Axelgold 2002 Drilling Program

Hole	Sample	Inte	rval	Width (m)	QC Sample	Standard	Αu	Hg	К	La	Mg	Mn	Mo	Na	Ni	P	PЬ	\$	Sb	Sc	Sr
Number	Number	From	Ťe		Туре	Number	ppm	ppm	×	ppm	*	ppm	ррт	%	ppm	ppm	ppm	%	ppm	ppm	ppm
AX02-10	54342	146.30	149 35	3.05			0.117	<1	0.16	50	0.46	871	110	0.05	5	530	53	2.64	50	1	670
AX02-10	54343	149.35	152.40	3.05			0.212	<1	0.2	70	0.46	584	74	0.05	5	710	55	3.14	82	<1	605
AX02-10	54344	152.40	155.45	3.05			0.121	<1	0.31	40	0.92	1060	49	0.07	5	750	60	2.34	56	1	1490
AX02-10	54345	155.45	158.50	3.05			0.172														
AX02-10	54346	158.50	161.54	3.04			0.140	· · · · · · · · · · · · · · · · · · ·					Ĺ								
AX02-10	54347			Duplica	ite (interval as	above)	0.152		-												L
AX02-10	54348	161.54	164.69	3.15			0.174	<1	0.25	70	0.46	838	42	0.06		690	45	2.23	18	1	754
AX02-10	54349	164.69	167.69	3.00			0.227														
AX02-10	54350	167.69	170.69	3.00		l	0.060														L
AX02-10	54351	170.69	173.74	3.05	i		0.125														Ĺ
AX02-10	54352	173.74	176.78	3.04			0.163				L	l						I			L
AX02-10	54353	176.78	179.83	3.05		_	0.233	<1	0.28	80	0.48	583	94	0.07	6	470	48	2.66	42	<1	554
AX02-10	54354	179.83	182.88	3.05			0.179			<u> </u>			l	<u> </u>							
AX02-10	54355	182.88	185.93	3.05		L	0.245						<u> </u>	<u> </u>		<u> </u>		<u> </u>			<u> </u>
AX02-10	54356	185.93	188.98	3.05		L	0.083		<u></u>												L
AX02-10	54357				Standard	CDN-GS-1	5,560	<1	0.35	10	0.89	311	3	0.1	35	510	108	1,12	<2	4	52
AX02-10	54358	188.98	192.02	3.04	l		0.086											ļ			
AX02-10	54359	192.02	195.07	3.05]	0.102	1	0.24	80	0.53	751	71	0.08	4	340	30	2.58	25	<1	786
AX02-10	54360	195.07	198.12	3.05	<u> </u>		0.154									<u> </u>		L			ļ
AX02-10	54361	198.12	201.17	3.05	1		0.137							ļ		<u> </u>		1			<u> </u>
AX02-10	54362				Blank	l	<0.005														ļ
AX02-10	54363	201.17	204.22	3.05			0.086				ļ		L			ļ. <u></u>					<u> </u>
AX02-10	54364	204.22	207.26	3.04			0.125	1	0.16	60	0.54	787	26	0.04	5	100	43	1.74	30	<1	683
AX02-10	54365	207.26	210.31	3.05			0.084			l			L	ļ				ļ			
AX02-10	54366	210.31	213.36	3.05	l	L	0.042					ļ	L	ļ				<u> </u>			
AX02-10	54367				ite (interval a	s above)	0.068							ļ <u>.</u> .		L	ļ	ļ		<u> </u>	
AX02-10	54368	213.36	216.30	2.94		L	0.080					l	L							l	
AX02-10	54369	216.30	219.46	3.16	l		0.179	<1	0.28	90	0.78	1055	164	0.05	11	940	71	2.69	25	2	820
AX02-10	54370	219.46	221.30	1.84		l	0.100	<1	0.22	80	0.74	990	76	0.05	10	1290	38	2.12	21	2	681
AX02-10	54371	221.30	222.50	1.20		l	0.114			ļ				ļ		ļ	ļ		<u> </u>		
AX02-10	54430	222.50	225.55	3.05	1	İ	0.168		L .	L	L	L	L					L			L
	E	о́н		l		<u> </u>															

Hole	Sample	Inte	rval	Width (m)	QC Sample	Standard	Au	Ti	TI	U	V	W	Žn
Number	Number	From	Ťo		Туре	Humber	ÞÞm	*	ppm	ppm	ppm	ppm	ppm
AX02-10	54342	146.30	149.35	3.05			0.117	<0.01	<10	<10	θ	<10	59
AX02-10	54343	149.35	152.40	3.05	T		0.212	< 0.01	10	20	В	<10	67
AX02-10	54344	152.40	155.45	3.05	T	[0.121	<0.01	<10	<10	16	<10	40
AX02-10	54345	155.45	158.50	3.05	T		0.172						
AX02-10	54346	158.50	161.54	3.04	T		0.140						
AX02-10	54347			Ouplic	ate (interval as	above)	0.152						
AX02-10	54348	161.54	164.69	3.15			0.174	<0.01	10	20	16	<10	65
AX02-10	54349	164.69	167.69	3.00			0.227						
AX02-10	54350	167.69	170.69	3.00	1		0.060						
AX02-10	54351	170.69	173.74	3.05			0.125						
AX02-10	54352	173.74	176.78	3.04			0.163						<u> </u>
AX02-10	54353	176.78	179.83	3.05	T		0.233	< 0.01	10	30	13	<10	44
AX02-10	54354	179.83	182.88	3.05			0.179						
AX02-10	54355	182.88	185.93	3.05	1		0.245						
AX02-10	54356	185.93	188.98	3.05	1		0.083						
AX02-10	54357				Standard	CDN-GS-1	5.560	0.05	<10	<10	37	10	41
AX02-10	54358	188.98	192.02	3.04	1		0.086						
AX02-10	54359	192.02	195.07	3.05	,		0.102	<0.01	10	690	7	<10	38
AX02-10	54360	195.07	198.12	3.05	Ţ		0.154						
AX02-10	54361	198.12	201.17	3.05			0.137			ĺ			
AX02-10	54362				Blank		<0.005						
AX02-10	54363	201.17	204.22	3.05			0.086						
AX02-10	54364	204.22	207.26	3.04	1		0.125	<0.01	10	260	9	<10	47
AX02-10	54365	207.26	210.31	3.05			0.084						
AX02-10	54366	210.31	213.36	3.05	T.,		0.042						
AX02-10	54367				ate (interval a	s above)	0.068						
AX02-10	54368	213.36	216.30	2.94			0.080						
AX02-10	54369	216.30	219.46	3.16			0.179	<0.01	10	170	13	<10	48
AX02-10	54370	219.46	221.30	1.84		l	0.100	<0.01	10	30	11	<10	70
AX02-10	54371	221.30	222.50	1.20			0,114						
AX02-10	54430	222.50	225.55	3.05	l		0.168						ļ
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Axelgold 2002 Drilling Program

Hole	Sample	Inte	rval	Width (m)	QC Sample	Standard	Au	Ag	Al	As	В	Ða	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Number	Number	From	Te		Type	Number	ррті	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ррт	ppm	¥.	ppm
AX02-11	54372	6.10	9,14	3.04			0.039														
AX02-11	54373	9.14	12.19	3.05			0.202			í											
AX02-11	54374	12.19	15.24	3.05	Standard	CDN-GS-1	4.840	1	1.73	90	<10	80	<0.5	6	0.83	<0.5	6	69	75	7.44	<10
AX02-11	54375	45 54	40.20	3.05	Standard	CDN-GG-1	0.304	0.9	0.2	75	<10	60	0.6	2	0.83	0.8	5	32	32	1.97	10
AX02-11	54376	15.24	18.29 21.34	3.05			0.030	0.9				80	0.0		0.91	0.0		- 32	32	1.97	'0
AX02-11 AX02-11	54377 54378	21.34	24.38	3.04			0.021					 		 							
AX02-11	54379	24.38	27.43	3.05			0.021														
AX02-11	54380	24.00	27.45	- 0.00	Blank		0.039				-							i			
AX02-11	54381	27.43	30.48	3.05			< 0.005	<0.2	0.54	5	<10	170	<0.5	<2	0.45	<0.5	4	71	6	1.14	<10
AX02-11	54382	30.48	33.53	3.05			0.080		-												
AX02-11	54383	33.53	36.57	3.04			0.056				-										
AX02-11	54384	36.57	39.62	3.05			0.068														
AX02-11	54385			Duplica	ite (Interval as	above)	0.059														
AX02-11	54386	39.62	41.60	1.98			0.064	<0.2	0 16	52	<10	140	<0.5	</td <td>0.3</td> <td><0.5</td> <td>5</td> <td>40</td> <td>11</td> <td>1.25</td> <td><10</td>	0.3	<0.5	5	40	11	1.25	<10
AX02-11	54387	41.60	43.55	1.95			0.100														
AX02-11	54388	43.55	45.20	1.65			0.052							-							
AX02-11	54389	45.20	46.60	1.40		ļ. <u>. </u>	0.032			1	ļ	<u> </u>		-		L	 	ļ <u> </u>	ļ		
AX02-11	54390	46.60	47.40	0.80			0.048		0.46			100	-0.5	ļ		-0.5					-40
AX02-11	54391	47.40	48.77	1.37		ļ	0.087	0.4	0.16	83	<10	160	<0.5	<2	0.28	<0.5	6	36	20	1.36	<10
AX02-11	54392	48.77	51.35	2.58	_	ļ	0.059		 -		 	 		 		 	 	ŀ	 		<u>-</u>
AX02-11	54393	51.35	52.60	1.25			0.069			 		 		 			-	 	 	+	
AX02-11	54394	52.60	54.43	1.83	Standard	CDN-GS-2	1.350	0.4	1.32	11	<10	130	<0.5	8	0.97	<0.5	11	353	39	2.4	<10
AX02-11	54395	54.43	57.57	3.14	Stanuard	CDIN-CO-Z	0.073	0.2	0.19	51	<10	80	<0.5	2	0.14	<0.5	4	41	10	1.57	<10
AX02-11 AX02-11	54396 54397	57.57	60.00	2.43			0.073		V.10	- ''-	,0	 	7.0	<u> </u>	9137			':			- ,,,
AX02-11	54397	60.00	62.30	2.43			0.099			 	· · · · · · · · · · · · · · · · · · ·	1		t							
AX02-11	54399	62.30	65.45	3.15	- 	· · · · 	0.032	_	 		1									1	
AX02-11	54400	65.45	68.35	2.90			0.062			· ·			1					Ī			
AX02-11	54401	68.35	71.35	3.00			0.035	<0.2	0.2	61	<10	130	<0.5	<2	0.55	<0.5	5	32	16	1.44	10
AX02-11	54402	71.35	74.50	3.15			0.029														
AX02-11	54403	74.50	75.87	1.37			0.049														
AX02-11	54404	75.87	77.75	1.88	L	<u> </u>	0.048					ļ		ļ				L	ļ	<u> </u>	
AX02-11	54405				ite (interval as	above)	0.054			ļ		 									
AX02-11	54406	77.75	82.00	4.25		<u> </u>	0.025	0.5	0.21	50	<10	80	<0.5	<2	0.45	<0.5	4	34	53	1.55	<10
AX02-11	54407	82.00	84.53	2.53	 	<u> </u>	0.027		 -		!	 		 				├	 -	1	
AX02-11	54408	84.53	86.95	2.42		ļ	0.174			-		 								ł	
AX02-11	54409	86.95	89.95	3.00	ļ	ļ——	0.138					·	ļ	f · · · ·	ļ	~	——		·	-	
AX02-11	54410	89.95	93.50	3.55 0.99	 	ļ	0.279		 	-	 - ·		†		1	·	-	-	l		
AX02-11	54411	93.50 94.49	94.49 96.35	1,86			0.275			·		-	 	1		-		 		 	
AX02-11	54412 54413	96.35	99.05	2.70	 	<u> </u>	0.174		_		·			<u> </u>	<u> </u>			 		· · · · · · · · · · · · · · · · · · ·	
AX02-11 AX02-11	54414	99.05	101.55	2.50	 	 	0.270		 -		t	 		 -							
AX02-11	54415	55.03	101.00	2.00	Standard	CDN-GS-3	0.739	·		1		 -		 		1				1	
AX02-11	54416	101.55	104.55	3.00	3,0,,00,0		0.204	0.2	0.28	72	<10	130	0.5	<2	1,15	<0.5	3	31	20	1.22	10
AX02-11	54417	104.55	107.15	2.60	t		0.102			1				İ				1			
AX02-11	54418	107.15	110.60	3.45			0.080	Ī													
AX02-11	54419	110.60	113.20	2.60		<u> </u>	0.121	1	<u> </u>	T		<u> </u>									
AX02-11	54420	 		T	Blank		0.007	L		I											
AX02-11	54421	113.20	115.05	1.85			0.073	<0.2	0.21	54	<10	110	<0.5	<2	0.91	<0.5	4	36	13	1.33	<10
AX02-11	54422	115.05	116.75	1.70		1	0.120	L			ļ	ـ		<u> </u>		L		ļ	-		
AX02-11	54423	116.75	118.87	2.12		l	0.098			J		 				<u> </u>		ļ		ļ	
AX02-11	54424	118.87	121.92	3.05	J	<u> </u>	0.082		-	ļ	ļ	 		 -	ļ <u> </u>				ļ <u> </u>	 	<u> </u>
AX02-11	54425				te (Interval as	above)	0.060	I	L		 	 	I	 		-0 F		 	- 42	4.05	-40
AX02-11	54426	121.92	125.10	3.18			0.095	0.8	0.24	69	<10	80	<0.5	2	0.83	<0.5	5	28	42	1.65	<10
AX02-11	54427	125.10	128.02	2.92		 	0.074	 	ļ		·	 	 			ļ		-	 	 	!
AX02-11	54428	128.02	131.06	3.04	 	·	0.089	ļ.——	ļ		 	<u> </u>	 	 	ļ	 	 	 	 -	 	h
AX02-11	54429	131.06	134.11	3.05		 	0.090	L	_	L			-	-	L 			l	٠		
	}	E	ОН		<u> </u>	<u></u>															

Hole	Sample		rval	Width (m)	QC Sample	Standard	Au	Hg	K	La	Mg	Mn	Мо	Na	Ni	P	Pb	S	Sb	\$c	Sr
Number	Number	From	To		Туре	Number	ppm	ppm	%	ppm	%	ppm	ppm	"%	ppm	ppm	ppm	%	ppm	ppm	ppm
AX02-11	54372	6.10	9.14	3.04		ļ	0.039	ļ <u>.</u>	ļ	·											
AX02-11	54373	9.14	12.19	3.05			0.202		<u> </u>				1								
AX02-11	54374	12.19	15.24	3.05	ļ		0.144		ļ <u></u>	ļ											·
AX02-11	54375				Standard	CDN-GS-1	4.840	<1	0.3	10	0.84	288	2	0.07	34	530	107	1.17	2	3	45
AX02-11	54376	15.24	18.29	3.05			0.304	<1	0.17	30	0.58	628	23	0.03	8	290	297	2.08	7	<1	2270
AX02-11	54377	18.29	21.34	3.05			0.030	L	1				<u> </u>								
AX02-11	54378	21.34	24.38	3.04	L		0.021	ļ		ļ.,				L							
AX02-11	54379	24.38	27.43	3.05		ļ <u>.</u>	0.021	<u> </u>	ļ <u>.</u>		<u> </u>										
AX02-11	54380	ł		. 	Blank		0.039		i				<u> </u>	ļ							
AX02-11	54381	27.43	30.48	3.05	ļ	<u> </u>	<0.005	<1	0.14	20	0.49	170	<1<1	0.03	8	290	2	0.01	2	1	13
AX02-11	54382	30.48	33.53	3.05			0.080	-	<u> </u>				1	ļ							
AX02-11	54383	33.53	36.57	3.04	!	ļ	0.056		1				ļ	ļ. <u>. </u>							
AX02-11	54384	36.57	39.62	3.05	i	I	0.068		ļ						<u> </u>						
AX02-11	54385		14.00		ite (interval as	above	0.059		 		l		ļ <u>.</u>	 _	ļ						L
AX02-11	54386	39.62	41.60	1.98	ļ	ļ	0.064	1	0.12	30	0.24	302	2	0.04	8	420	62	1.12	5	<1	277
AX02-11	54387	41.60	43.55	1.95	<u> </u>	1	0.100	1	 	-	 -	 	ļ	ļ				ļ			<u> </u>
AX02-11 AX02-11	54388 54389	43.55	45.20 46.60	1.65		ļ	0.052		+	ļ	ļ <u></u>	ļ	ļ	ļ <u>.</u> .				ļ			L
	54389 54390	45.20 46.60	46.60	0.80	 	 	0.032	-	 		-	-									<u> </u>
AX02-11 AX02-11	54390 54391	46.60	47,40	1.37	 	1	0.048	<1	0.12	20	6.5	100		001	<u> </u>		422				L
AX02-11 AX02-11	54391 54392	47.40	51.35	2.58		<u> </u>	0.087		U.12	30	0.2	198	10	0.04	. 10	510	114	1.26	5	<1	198
AX02-11	54392	51.35	52.60	1.25		 	0.069	-	 			ļ .	 	-	_						
AX02-11 AX02-11	54394	52.60	54.43	1.83		 	0.069		 	-	-		 	 	 						<u> </u>
AX02-11	54395	32.00	34.43	1.03	Standard	CDN-GS-2	1,350	<1	0.13	<10	0.75	518	11	0.1	224	640	24	007		 ;	
AX02-11	54396	54.43	57.57	3.14	Starkvaru	CD14-03-2	0.073	1	0.15	30	0.06	76	4	0.02	224	610 310	24	0.07	<2	4	51
AX02-11	54397	57.57	60.00	2.43		i	0.073		0.13	- 30	0.00		 	0.02	 -	310	30	1.53	. 5	<1	130
AX02-11	54398	60.00	62.30	2.30			0.099		 				 	-	ļ						
AX02-11	54399	62.30	65.45	3.15			0.032		ļ .		 		ł	 							
AX02-11	54400	65.45	68.35	2.90			0.062		 						-						
AX02-11	54401	68.35	71.35	3.00			0.035	<1	0.15	30	0.36	465	1	0.05	7	500	84	1.22	5	1	440
AX02-11	54402	71.35	74.50	3.15			0.029		1-0.10		0.50		 -	0.00	<u> </u>	300	04	1.22	3		440
AX02-11	54403	74.50	75.87	1.37			0.049		i		 	ļ	†								
AX02-11	54404	75.87	77.75	1.88			0.048					1	 	 							
AX02-11	54405	75.51			ite (interval as	above	0.054				 	i	 	1							
AX02-11	54406	77.75	82.00	4.25	Ι	I	0.025	<1	0.17	30	0.23	333	2	0.03	5	300	165	1.56	15	<1	506
AX02-11	54407	82.00	84.53	2.53			0.027				1	i		0,00							300
AX02-11	54408	84.53	86.95	2.42			0.174		1												·
AX02-11	54409	86.95	89.95	3.00			0.138							1							
AX02-11	54410	89.95	93.50	3.55			0.279													•	
AX02-11	54411	93.50	94.49	0.99			0.372		İ			1				•					
AX02-11	54412	94.49	96.35	1.86			0.275						I	I				-			
AX02-11	54413	96.35	99.05	2.70	l		0.174														
AX02-11	54414	99.05	101.55	2.50		l	0.270		L										-		
AX02-11	54415				Standard	CDN-GS-3	0.739														
AX02-11	54416	101.55	104.55	3.00			0.204	<1	0.22	30	0.55	512	20	0.02	5	410	59	1.17	6	<1	1360
AX02-11	54417	104.55	107.15	2.60			0.102		L												
AX02-11	54418	107.15	110.60	3.45	ļ. <u>.</u>	L	0.080				ļ				l						
AX02-11	54419	110.60	113,20	2.60	ļ	L	0.121	<u> </u>	1												
AX02-11	54420	ļ			Blank		0.007	L	<u> </u>				ļ <u>.</u>								
AX02-11	54421	113.20	115.05	1.85		ļ	0.073	<1	0.16	20	0.35	277	11	0.05	5	390	43	1.24	2	<1	434
AX02-11	54422	115.05	116.75	1.70		ļ	0.120		ļ	ļ	ļ			L							
AX02-11	54423	116.75	118.87	2.12		ļ	0.098		ļ												
AX02-11	54424	118.87	121.92	3.05	<u> </u>	L.,	0.082	 				ļ									
AX02-11	54425	40.00	405.10		ite (interval as	above)	0.060	<u> </u>		ļ <u></u>		n-4					4==				
AX02-11	54426	121.92	125.10	3.18		 	0.095	<1	0.19	40	0.43	375	22	0.04	8	520	152	1.44	6	1	627
AX02-11	54427	125.10	128.02	2.92		ļ	0.074		 	ļ											
AX02-11	54428	128.02	131.06	3.04	_	l	0.089			<u> </u>		ļ	ļ	 							ļ
AX02-11	54429	131.06	134.11	3.05		-	1 0.090	<u> </u>	L	L	I			L							L
L	L	j <u>E</u> l	OH	t						 											

Hole	Sample		rval	Width (m)	QC Sample	Standard	Au	T1	TI	U	V	W	Zn
Number	Number	From	To		Туре	Number	ppm	*	ppm	ppm	ppm	ррт	ppm
AX02-11	54372	6.10	9.14	3.04			0.039					1	
AX02-11	54373	9.14	12.19	3.05			0.202						
AX02-11	54374	12.19	15.24	3.05	f — —		0.144				1		
AX02-11	54375				Standard	CDN-GS-1	4.840	0.04	<10	<10	31	10	41
AX02-11	54376	15.24	18.29	3.05	t e		0.304	<0.01	<10	160	3	<10	209
AX02-11	54377	18.29	21.34	3.05			0.030					† `	
AX02-11	54378	21.34	24.38	3.04	l		0.021					-	
AX02-11	54379	24.38	27.43	3.05		ļ	0.021					 	-
AX02-11	54380	24.30	\$1.43	3.03	Blank	i	0.039				ļ	1	
	54381	07.40	30.48	2.05	Blank						ļ <u>.</u>	1	
AX02-11		27.43		3.05			<0.005	0.01	<10	20	7	<10	18
AX02-11	54382	30.4B	33.53	3.05			0.080				1	ļ	
AX02-11	54383	33.53	36.57	3.04		[]	0.056		L	L			
AX02-11	54384	36.57	39.62	3.05	·	í	0.068		·	Ĺ	ſ	L	ĺ
AX02-11	54385		L	Duplica	ite (interval as	above)	0.059						T
AX02-11	54386	39.62	41.60	1.98			0.064	< 0.01	<10	130	3	<10	96
AX02-11	54387	41.60	43.55	1.95			0.100					t	
AX02-11	54388	43.55	45.20	1.65	-	·	0.052			<u> </u>	 	†	
AX02-11	54389	45.20	46.60	1.40	 		0.032			l			
AX02-11	54390	46.60	47.40	0.80	 	 	0.032		·	l	ļ	+	
AX02-11	54391	47.40	48.77	1.37		 	0.045	<0.01	<10	150	3		152
		48.77			 	ł	0.057	70.01	>10	150		<10	152
AX02-11	54392		51.35	2.58	[[———						f	
AX02-11	54393	51.35	52.60	1.25			0.069			<u> </u>	j	ļ	
AX02-11	54394	52.60	54.43	1.83			0.126			└ ──	i		
AX02-11	54395			l	Standard	CDN-GS-2	1.350	0.13	<10	<10	57	10	50
AX02-11	54396	54.43	57.57	3,14			0.073	<0.01	<10	210	1	<10	4
AX02-11	54397	57,57	60.00	2.43			0.071						
AX02-11	54398	60.00	62.30	2.30			0.099				<u> </u>		
AX02-11	54399	62.30	65.45	3.15			0.032						
AX02-11	54400	65.45	68.35	2.90			0.062	_			t	†	-
AX02-11	54401	68.35	71.35	3.00	f		0.035	<0.01	<10	120	3	<10	117
AX02-11	54402	71.35	74.50	3.15			0.029	10.01	~ 10	120		~10	
	54403			1.37			0.049				— —	├ ──	
AX02-11		74.50	75.87		!					<u> </u>		-	
AX02-11	54404	75.87	77,75	1.88	L		0.048			<u> </u>		ļ	
AX02-11	54405		ļ <u>. </u>		te (interval as	above)	0.054			L		 	
AX02-11	54406	77.75	82.00	4.25			0.025	<0.01	<10	190	1	<10	32
AX02-11	54407	82.00	84.53	2.53	i		0.027			L			
AX02-11	54408	84.53	86.95	2.42			0.174] .	
AX02-11	54409	86.95	89.95	3.00			0.138					1	
AX02-11	54410	89.95	93.50	3.55			0.279				,		
AX02-11	54411	93.50	94.49	0.99	· · · · · ·		0.372					1	
AX02-11	54412	94.49	96.35	1.86			0.275			·	-	† — — I	
AX02-11	54413	96.35	99.05	2.70	·		0.174					t	
AX02-11	54414	99.05	101.55	2.50	-		0.270						
		99.00	101.00	2.50	Clander	CDN-GS-3	0.739					 	
AX02-11	54415		1 : ==		Standard	CDIV-05-3				4-0-		+	
AX02-11	54416	101.55	104.55	3.00			0.204	<0.01	<10	170	4	<10	14
AX02-11	54417	104.55	107.15	2.60			0.102			ļ		1	
AX02-11	54418	107.15	110.60	3.45			0.080					<u> </u>	
AX02-11	54419	110.60	113.20	2.60			0.121						
AX02-11	54420				Blank		0.007						
AX02-11	54421	113.20	115.05	1.85			0.073	< 0.01	<10	150	3	<10	15
AX02-11	54422	115.05	116.75	1.70	l		0.120						
AX02-11	54423	116.75	118.87	2.12			0.098		•		t	\dagger	
AX02-11	54424	118.87	121.92	3.05			0.082			<u> </u>		ή	
	54425	110.07	141.34	4144	te (interval as	above)	0.060				 	 	L. <u>-</u>
AX02-11		404.00	105.46		ILO THERMAN SE	apple]		-0.01	-410	440		 	
AX02-11	54426	121.92	125.10	3.18	-		0.095	<0.01	<10	140	4	<10	62
AX02-11	54427	125.10	128.02	2.92	ļ		0.074					ļI	
AX02-11	54428	128.02	131.06	3.04			0.089					1	
AX02-11	54429	131.06	134,11	3.05			0.090			L	L	L	
			ЭН										

Hote	Sample	Inte	nei	Width (m)	QC Sample	Standard	Au	Ag	Al	As	В	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	F●	Ga
Number	Number	From	To		Туре	Number	ppm	ppm	*	ppm	ррп	ppm	ppm	ppm		ppm	ppm	ррп	ppm	*	ррт
AX02-12	54431	3.05	12.19	9.14			0.054			<u> </u>											
AX02-12	54432	12.19	16.37	4.18			0.032											1			
AX02-12	54433	16.37	18.29	1.92			0.01				1										
AX02-12	54434				Standard	CDN-GS-3	0.775														
AX02-12	54435	18.29	20.10	1.81			0.019	<0.2	0.27	117	<10	50	0.9	<2	1.49	<0.5	1	31	56	2.77	10
AX02-12	54436	20.10	21.34	1.24			0.024											[
AX02-12	54437	21.34	24.38	3.04			0.026														
AX02-12	54438	24.38	27.43	3.05			0.03											i			
AX02-12	54439				Blank		<0.005														
AX02-12	54440	27.43	30,48	3.05	i		0.041	0.2	0.26	97	10	170	0.6	<2	0.41	<0.5	4	41	49	2.5	10
AX02-12	54441	30.48	33.53	3.05	l		0.074	<u>.</u> .	<u> </u>												
AX02-12	54442	33.53	36.58	3.05			0.018		ļ												
AX02-12	54443	36.58	39.62	3.04	<u></u>	L	0.045			ļ			-					ļ			
AX02-12	54444				te (interval as	above)	0.055								ļ						
AX02-12	54445	39.62	42.67	3.05		ļ	0.044	0.4	0.34	156	10	120	0.7	<2	0.39	<0.5	. 8	29	60	2.79	<10
AX02-12	54446	42.67	45.72	3.05		l	0.105		<u> </u>				ļ	·				ļ. <u></u>			
AX02-12	54447	45.72	49.04	3.32		· · · ·	0.071				ļ										
AX02-12	54448	49.04	51.82	2.78		-	0.009		 		 	-				ļ				L	
AX02-12	54449	51.82	54.86	3.04			<0.005	<0.2	0.45	25	-10	100	0.7		0.04	-0.5	_ 				
AX02-12	54450	54.86	57.91	3.05	1	i	<0.005 0.013	NU.2	0.45	25	<10	100	0.7	6	0.61	<0.5	6	48	7	1.8	<10
AX02-12	54451	57.91	60.96	3.05	-		0.005			 	1	-	-		<u> </u>	ļ					
AX02-12	54452 54453	60.96 64.01	64.01 67.06	3.05	 	<u> </u>	0.061		 		 	-	-		 					ļi	
AX02-12 AX02-12	54454	04.01	01.00	3.03	Standard	CDN-GS-3	0.882			 	 	 	 	 		 					
		67.06	70.01	2.95	SIGNOTIV	2014-03-3	0.002	<0.2	0.34	31	<10	120	0.6	<2	0.26	<0.5	5	45	8	1.79	<10
AX02-12	54455 54456	70.01	73.15	3.14	 		0.006	<u> </u>	0.34		<u> </u>	120	0.0	`~	0.20			45	ō	1.79	<10
AX02-12 AX02-12	54456	73.15	76.20	3.05		 	0.014		 	-				<u> </u>	 	 -		<u> </u>			I
AX02-12 AX02-12	54458	76.20	79.25	3.05	-		0.006					 	·		-						
	54459	79.25	82.30	3.05			<0.005		 	 											
AX02-12 AX02-12	54460	82.30	85.34	3.04	 		<0.005	<0.2	0.38	16	<10	120	0.5	<2	0.09	<0.5	7	35	21	2.06	<10
AX02-12	54461	85.34	88.39	3.05	 		<0.005	-0.2		10		120	<u></u>		0.00	10.0	,	33		2.00	- `'''
AX02-12	54462	88.39	91.44	3.05			<0.005									····			-	-	·
AX02-12	54463	91.44	94,49	3.05	· · ·		<0.005		 	 		 	ļ	 	- 						
AX02-12	54464	91.44	34.45		te (interval as	above)	<0.005			· · · · · ·								_			/
AX02-12	54465	94.49	97.54	3.05	ale (ii kei vai aa	I	<0.005	<0.2	0.36	24	<10	250	<0.5	5	0.08	<0.5	2	49	8	0.77	<10
AX02-12	54466	97.54	100.58	3.04	 		< 0.005		0.00	- `	1		19.5		0.00	-0.0					· · · · ·
AX02-12	54467	100.58	103.63	3.05	!	· · · · · · · · · · · · · · · · · · ·	< 0.005			· ·	1				· · · · · · · · · · · · · · · · · · ·	 					/ -
AX02-12	54468	103.63	106.68	3.05	1		< 0.005				 							1			
AX02-12	54469	106.68	109.73	3.05	 		< 0.005			 	<u> </u>		1				-	 			
AX02-12	54470	109.73	111.58	1.85	 		< 0.005	<0.2	0.32	26	<10	150	<0.5	12	0.79	<0.5	8	31	21	1.54	10
AX02-12	54471	111.58	112.78	1.20	 		< 0.005	-0,2				-:	-0.0						-	7.07	, <u>. </u>
AX02-12	54472	112.78	116.15	3.37	1		<0.005		 	1			t			l					
AX02-12	54473	116.15	118.87	2.72			<0.005			l		† <u></u>		1	- -	l	İ	1			
AX02-12	54474	7,10,10			Standard	CDN-GS-2	1.44	0.4	1,37	5	<10	130	<0.5	5	1	<0.5	11	352	39	2.47	<10
AX02-12	54475	118.87	121.92	3.05	1		< 0.005	<0.2	0.35	28	<10	100	0.6	<2	2.44	<0.5	9	27	13	1.86	20
AX02-12	54476	121.92	124.99	3.07	· · · · · · · · · · · · · · · · · · ·	1	<0.005		1	T	· · · · ·					l					
AX02-12	54477	124.99	128.02	3.03			< 0.005					T	1	1	1						
AX02-12	54478	128.02	131.06	3.04	†"···		< 0.005													1	
AX02-12	54479	1	l		Blank		< 0.005		i												
AX02-12	54480	131.06	134.11	3.05	1		<0.005	0.2	0.36	21	<10	80	0.5	<2	2.63	<0.5	7	29	17	1.72	10
AX02-12	54481	134.11	137.16	3.05]	<0.005														
AX02-12	54482	137.16	140.21	3.05			< 0.005								l	l			I	I	
AX02-12	54483	140.21	143.26	3.05			<0.005				<u> </u>										
AX02-12	54484	1			ate (interval as	above)	<0.005														
AX02-12	54485	143.26	146.30	3.04	T		< 0.005	<0.2	0.51	33	<10	80	0.7	<2	3.65	<0.5	9	28	30	2.28	10
AX02-12	54486	146.30	149.35	3.05			<0.005													I	
AX02-12	54487	149.35	152.24	2.89			<0.005								<u> </u>						
AX02-12	54488	152.24	155.45	3.21			< 0.005		1	L											
AX02-12	54489	155.45	158.50	3.05	I		<0.005											L			
AX02-12	54490	158.50	161.54	3.04	1		0.005	<0.2	0.39	38	<10	50	<0.5	3	0.13	<0.5	6	37	14	2.01	<10
AX02-12	54491	161.54	164.59	3.05	1	L	< 0.005												L		
AX02-12	54492	164.59	167.64	3.05			<0.005				<u></u>	<u> </u>	L	1			L				
AX02-12	54493	167.64	170.69	3.05	1		<0.005														
AX02-12	54494				Standard	CDN-GS-3	0.782														
AX02-12	54495	170.69	173.74	3.05	L		<0.005	<0.2	1	58	<10	50	0.7	3	2.44	<0.5	16	64	36	2.93	10
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Axelgold 2002 Drilling Program

Hole	Sample	Inte	rvat	Width (m)	QC Sample	Standard	Au	Hg	К	Le	Mg	Мn	Mo	Na	Ni	P	Pb	5	Sb	\$c	Sr
Number	Number	From	To	***************************************	Туре	Number	ppm	ppm	*	ppm	*	ppm	ppm	*	ppm	ppm	ppm	*	ppm	ppm	ppm
AX02-12	54431	3.05	12.19	9.14			0.054														
AX02-12	54432	12.19	16.37	4.18			0.032														
AX02-12	54433	16.37	18.29	1.92			0.01				Ĺ										
AX02-12	54434				Slandard	CDN-GS-3	0.775		<u> </u>					ļ							
AX02-12	54435	18.29	20.10	1.81			0.019	<1	0.21	60_	0.43	655	12	0.07	5	660	54	2.49	- 6	<1	552
AX02-12	54436	20.10	21.34	1.24			0.024			<u> </u>											
AX02-12	54437	21.34	24.38	3.04			0.026		<u> </u>												
AX02-12	54438	24.38	27.43	3.05			0.03							<u> </u>							
AX02-12	54439				Blank		< 0.005			L								<u></u>			
AX02-12	54440	27.43	30.48	3.05			0.041	<1	0.23	40	0.14	414	23	0.06	. 4	500	326	1.05	157	<1	166
AX02-12	54441	30.48	33.53	3.05			0.074														
AX02-12	54442	33.53	36.58	3.05			0.018		<u> </u>	<u> </u>											
AX02-12	54443	36.58	39.62	3.04		<u> </u>	0.045		!	ļ			ļ	1							
AX02-12	54444				ite (interval as	above)	0.055							ļ							400
AX02-12	54445	39.62	42.67	3.05			0.044	<1	0.25	50	0.17	624	342	0.06	7	630	63	1.72	5	<1	193
AX02-12	54446	42.67	45.72	3.05			0.105		1	ļ. <u></u>	ļ	ļ		i			<u>-</u>	ļ		ļ	
AX02-12	54447	45.72	49.04	3.32			0.071		.					ļ						ļ	
AX02-12	54448	49.04	51.82	2.78	<u> </u>		0.009	 -	1	ļ		-		ļ <u> </u>	ļ 	 		<u> </u>		 	
AX02-12	54449	51.82	54.86	3.04	l		<0.005	l	1				-	0.04	L	700	10	100		<1	105
AX02-12	54450	54.86	57.91	3.05		!	< 0.005	1	0.32	30	0.06	112	5	0.01	10	700	16	1,64	2	~ 1	105
AX02-12	54451	57.91	60.96	3.05			0.013				-	1	L	 							
AX02-12	54452	60.96	64.01	3.05	ļ	L	0.005	<u> </u>	_		 	 		ļ	 	ļ		-		-	
AX02-12	54453	64.01	67.06	3.05	<u> </u>	l	0.061	ļ	ļ		ļ			ļ							
AX02-12	54454		J	ļ	Standard	CDN-GS-3	0.882	ļ		·	- 2 22	104	 	0.04	10	740	- 40	1.10		<1	111
AX02-12	54455	67.06	70.01	2.95		ļ	0.01	1	0.2	40	0.09	164	2	0.04	10	740	19	1.19	2		
AX02-12	54456	70.01	73.15	3.14	ļ	L	0.006	ļ	ļ	ļ	}	 	<u> </u>	 				 			
AX02-12	54457	73.15	76.20	3.05		<u> </u>	0.014			1	 		-	ļ <u> </u>	 	-				 	
AX02-12	54458	76.20	79.25	3.05	↓	ļ	0.006	ļ. <u>. </u>	 	 	1		ļ	1	1						
AX02-12	54459	79.25	82.30	3.05	L		<0.005		0.05	30	0.04	114	3	0.01	11	630	39	1.56	2	<1	32
AX02-12	54460	82.30	85.34	3.04	ļ	·}	<0.005	<1	0.25	30	0.04	114	3	V.U]	 '-'	- 030	39	1.00			32
AX02-12	54461	85.34	88.39	3.05		ļ	< 0.005	-	 	ļ	-		 	-	-	 				 	
AX02-12	54462	88.39	91.44	3.05		ļ	<0.005	 	 	 	 	1		 	-		 		 		
AX02-12	54463	91,44	94.49	3.05	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	<0.005	ļ <u> </u>	+		+	 	-		 	 	ļ	ļ	 	 	
AX02-12	54464				ate (interval as	s above)	<0.005		0.27	30	0.03	19	4	0.02	5	260	67	0.6	<2	<1	46
AX02-12	54465	94.49	97.54	3.05	ļ	ļ	<0.005	<1	0.27	30	0.03	19	- 4	0.02		200	- "	0.0			
AX02-12	54466	97.54	100.58	3.04	ļ	ļ	<0.005	ļ	1	 	+	 	-	1	 	 	-	+	 	··	
AX02-12	54467	100.58	103.63	3.05			<0.005		+	 	+	1	 	+				 		<u> </u>	
AX02-12	54468	103.63	106.68	3.05	 		<0.005	 	+	+	+	+		 	-	 	 		 	 	
AX02-12	54469	106.68	109.73	3.05	 		<0.005	<1	0.24	30	0.38	699	5	0.02	9	640	42	1.3	4	<1	160
AX02-12	54470	109.73	111.58	1.85	l	 	<0.005 <0.005	 ^ ' 	U.24	30	V.30	099		0.02	 	V-10	74	1.3	 	 	
AX02-12	54471	111.58	112.78	1.20		ļ <u> </u>	<0.005		+	+	1	 	 	 	 	 		1		†	
AX02-12	54472	112.78	116.15	3.37	 	 			+	 	 	+	 	+		 	 -	 	<u> </u>		——
AX02-12	54473	116.15	118.87	2.72	1 ac. 7 .	CON CC C	<0.005		0.13	<10	0.77	539	12	0.1	224	630	27	0.07	<2	4	51
AX02-12	54474	L		 	Standard	CDN-GS-2	1,44	<1	0.13	20	0.77	1300	3	0.02	11	750	30	1.71	<2	<1	474
AX02-12	54475	118.87	121.92	3.05		1	<0.005	- "	0.23	- 20	0.52	1300	-	U.VE	 	,,,,,	- 50	 -:::'-			
AX02-12	54476	121.92	124.99	3.07		1	<0.005		+	 -	+	+	 	1	<u> </u>	 		 	t	<u> </u>	 -
AX02-12	54477	124.99	128.02	3.03			<0.005 <0.005	ļ. —	+	 	+	 	+	+	 	 			 	<u> </u>	
AX02-12	54478	128.02	131.06	3.04	B	 	<0.005	 	 	+	 	+	1	+	 	+	 	 	-	t	
AX02-12	54479	ļ	 	·	Blank				0.23	20	0.11	707	2	0.01	10	710	42	1.87	3	<1	437
AX02-12	54480	131.06	134,11	3.05	1	 	<0.005	<1	0.23	20	V.11	+ '0'	-	1.0.01	1 10	110	12	7.01	 	 	1.70
AX02-12	54481	134.11	137.16	3.05			<0.005 <0.005	 	+		1	 	 	1	 	+		 	 	 	
AX02-12	54482	137.16	140.21	3.05	ļ	 	<0.005	 	+	 	+	1	 	+	 	 	 	1		<u> </u>	
AX02-12	54483	140.21	143.26	3.05	1 (1-4	J.			+	+	+	+	 	+	 	 	 	1	 		
AX02-12	54484		·		ate (interval a	s above)	<0.005	<1	0.38	30	0.36	847	2	0.04	10	1170	29	2.49	3	1	587
AX02-12	54485	143.26	146.30	3.04		+	<0.005	<u>< </u>	0.38	30	V.30	047	 	V.U4	10	+		2.70	 	+ -	
AX02-12	54486	146.30	149.35	3.05		- 	<0.005	 	+	+	 	+	1	 	t	+	 	1		t	
AX02-12	54487	149.35	152.24	2.89	·}	 	<0.005	 	-		+	 	 		 	1	<u> </u>	 	1	+	
AX02-12	54488	152.24	155.45	3.21	 	ļ	<0.005	 	+	+	+	+	 	+	 	+	<u> </u>	 	1	 	t
AX02-12	54489	155.45	158.50	3.05	 	+	0.005	<1	0.29	20	0.05	15	2	0.01	10	740	30	1.96	<2	<1	55
AX02-12	54490	158.50	161.54	3.04		 	<0.005		0.28		0.03	1 - 13	† 	0.01	 	1.70	† 	1	<u> </u>		
AX02-12	54491	161.54	164.59	3.05				 	+	+	+	+	 	+	 	 	—	1	 	†	1
AX02-12	54492	164.59	167.64	3.05	 	+	<0.005	+		+	+	 	 	1	1		 	1	 		
AX02-12	54493	167.64	170.69	3.05	- C4	CONTOC		 	 	+	+	+	 	+	+	+	 -	 	 	 	
AX02-12	54494	J	1	 	Standard	CDN-GS-3	0.782	 	0.63	10	1.06	779	26	0.02	32	1670	47	2.75	2	3	541
AX02-12	54495	170.69	173.74	3.05	J		<0.005		1 0.63	10	1.00	1 410	120	1 7.02	1	1010	1	1 2.13		·	1

Hole	Sample	Inter	val	Width (m)	QC Sample	Standard	Au	TI	TI	U		_ &	Zn
Number	Number	From	То		Туре	Number	ppm	*	ppm	ppm	ppm	ppm	ppm
AX02-12	54431	3.05	12.19	9,14			0.054						
AX02-12	54432	12.19	16.37	4.1B			0.032						
AX02-12	54433	16.37	18.29	1.92			0.01						
AX02-12	54434				Standard	CDN-GS-3	0.775	<0.01	<10	310	10	<10	82
AX02-12	54435	18.29	20.10	1.81			0.019	~0.01		310			
AX02-12	54438	20.10	21.34	1.24			0.024						
AX02-12	54437	21.34	24.38	3.04			0.020						
AX02-12	54438	24.38	27,43	3.05	Blank		<0.005						
AX02-12	54439	27.43	30.48	3.05	Dial		0.041	<0.01	10	270	9	<10	54
AX02-12	54440	30.48	33.53	3.05			0.074	4107					
AX02-12 AX02-12	54441 54442	33.53	36.58	3.05			0.018						
	54443	36 58	39.62	3.04			0.045						
AX02-12	54444	36 36	35.02		te (interval as	above)	0.055						
AX02-12 AX02-12	54445	39.62	42.67	3.05	1		0.044	< 0.01	10	240	6	<10	78
AX02-12	54446	42.67	45.72	3.05			0.105		_				
AX02-12	54447	45.72	49.04	3.32			0.071						
AX02-12	54448	49.04	51.82	2.78			0.009						
AX02-12	54449	51.82	54.86	3.04			< 0.005				Ĭ		
AX02-12	54450	54.86	57.91	3.05			<0.005	<0.01	<10	110	3	<10	17
AX02-12	54451	57.91	60.96	3.05			0.013						
AX02-12	54452	60.96	64.01	3.05			0.005						ļ
AX02-12	54453	64.01	67.06	3.05			0.061				ļ		
AX02-12	54454				Standard	CDN-GS-3	0.882					<u> </u>	ļ
AX02-12	54455	67.06	70.01	2.95			0.01	<0.01	<10	120	3	<10	44
AX02-12	54456	70.01	73.15	3,14			0.006			!			↓
AX02-12	54457	73.15	76.20	3.05			0.014						
AX02-12	54458	76.20	79.25	3.05			0.006						
AX02-12	54459	79.25	82.30	3.05			<0.005		<10	120	2	<10	63
AX02-12	54460	82.30	85.34	3.04			<0.005	<0.01	<10	120	<u> </u>	<10	1 03
AX02-12	54461	85.34	88.39	3.05			<0.005				 	-	
AX02-12	54462	88.39	91.44	3.05			<0.005			ļ	ļ	-	
AX02-12	54463	91.44	94.49	3.05	l		<0.005 <0.005				 		
AX02-12	54464				te (interval as	above)	<0.005	<0.01	<10	100	2	<10	18
AX02-12	54465	94.49	97.54	3.05			<0.005	- 10.01	-10	100			1
AX02-12	54466	97.54	100.58	3.04			<0.005			 		ļ. 	
AX02-12	54467	100.58	103.63	3.05	-		<0.005				· · · · ·	 - -	†
AX02-12	54468	103.63	106.68 109.73	3.05			<0.005			 . .	 -		
AX02-12	54469	106.68		1.85			<0.005	<0.01	<10	80	2	<10	59
AX02-12	54470 54471	109.73 111.58	111.58 112.78	1.20	 -		<0.005	-0.07					- -
AX02-12	54472	112.78	116.15	3.37			<0.005			1			
AX02-12	54473	116.15	118.87	2.72			<0.005			i —	1	T	
AX02-12	54474	110.13	110.07		Standard	CDN-GS-2	1,44	0.13	<10	<10	58	10	50
AX02-12 AX02-12	54475	118.87	121.92	3.05	0.0		<0.005	<0.01	<10	50	2	<10	88
AX02-12	54476	121.92	124.99	3.07		1	<0.005	I	ì				
AX02-12	54477	124.99	128.02	3.03		l	< 0.005	I		<u> </u>			
AX02-12	54478	128.02	131.06	3.04	·		<0.005			1			
AX02-12	54479	1		1	Blank		<0.005				ļ	ļ	ļ <u>. </u>
AX02-12	54480	131.06	134.11	3.05			<0.005	<0.01	<10	60	2	<10	76
AX02-12	54481	134.11	137.16	3.05			<0.005			ļ <u>.</u>		L	
AX02-12	54482	137.16	140.21	3.05			<0.005		ļ	 	 	 	
AX02-12	54483	140.21	143.26	3.05	L	l	<0.005			ļ —	<u> </u>	 -	
AX02-12	54484				ate (Interval as	s above)	<0.005		l	\ <u></u> -	 	<10	107
AX02-12	54485	143.26	146.30	3.04			<0.005	<0.01	<10	90	9	< 1U	107
AX02-12	54486	146.30	149.35	3.05	<u> </u>	! —	<0.005	 -	 			 	-
AX02-12	54487	149.35	152.24	2.89		ļ	<0.005	 		1	1	 	
AX02-12	54488	152.24	155,45	3.21	 		<0.005	ļ .—		 	 -	 	
AX02-12	54489	155.45	158.50	3.05	 	ļ	<0.005	<0.01	<10	80	 	<10	5
AX02-12	54490	158.50	161.54	3.04	1	 	0.005 <0.005	×0.01	>10	- 00	 	1	 <u>~</u> -
AX02-12	54491	161.54	164.59	3.05	-		<0.005		+	 	 	 	
AX02-12	54492	164.59	167.64	3.05	· 	}	<0.005		 	+	+	 	+-
AX02-12	54493	167.64	170.69	3.05	Standard	CDN-GS-3	0.782	 	+	 	+	+	+
AX02-12	54494	1	1 22 72	3.05	Standard	CDN-GS-3	<0.005	0.02	<10	80	22	<10	49
AX02-12	54495	170.69	173.74	.L3.03		L	40.000	0.02	J	· · · · · · · · · · · · · · · · · · ·		1 12	

Hole	Sample	1nte	rval	Width (m)	QC Sample	Standard	Au	Ag	Al	Aa	В	Ba	Вe	Bi	Ca	Cq	Co	Cr	Cu	Fe	Ga
Humber	Number	From	To		Туре	Humber	ppm	ppm	*	ppm	ррп	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
AX02-12	54496	173.74	176.78	3.04			< 0.005				l										
AX02-12	54497	176.78	179.20	2.42			0.005						i					İ			
AX02-12	54498	179.20	180.58	1.38	l		0.007				<u> </u>	<u> </u>									1
AX02-12	54499	180.58	182.88	2.30			0.009				l										
AX02-12	54500	182.88	185.93	3.05			< 0.005	<0.2	0.54	35	20	80	0.7	<2	0.73	<0.5	7	32	9	1.9	10
AX02-12	54501	185.93	188.98	3.05			0.007			L											
AX02-12	54502	188.98	192.02	3.04			0.007			<u> </u>	<u> </u>	<u> </u>					<u> </u>				
AX02-12	54503	192.02	195.07	3.05			0.005				l	l					i				
AX02-12	54504			Duplice	ite (interval as	above)	0.007						ļ		· ·						
AX02-12	54505	195.07	198.12	3.05	I		0.007	<0.2	0.24	51	<10	50	<0.5	9	0.24	< 0.5	14	26	26	3.55	<10
AX02-12	54506	198.12	201.17	3.05			0.008		<u>L</u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>			<u> </u>	<u> </u>			
	E.O.H	1	1						1	ļ	1			į.				1		Ì	l .

Axelgold 2002 Drilling Program

Hole	Sample	Inter	(VA)	Width (m)	QC Sample	Standard	Au	Hg	K	Le	Mg	Mn	Mo	Na	Ni	P	Pb	5	\$b	5c	S r
Number	Number	From	to		Туре	Humber	ppm	ppm	%	ppm	%	ppm	ppm	*	ppm	ррт	ppm	*	ppm	ppm	ppm
AX02-12	54496	173.74	176,78	3.04		W	<0.005]									ļ
AX02-12	54497	176.78	179.20	2.42			0.005		l <u>.</u>					ļ							ļ
AX02-12	54498	179.20	180.58	1.38			0.007							ļ	ļ						Ļ
AX02-12	54499	180.58	182.B8	2.30			0.009														455
AX02-12	54500	182.88	185.93	3.05			<0.005	<1	0.3	20	0.56	432	6	0.03	11	690	25	1.85	Z		196
AX02-12	54501	185.93	188.98	3.05			0.007				ļ		ļ. 			 					
AX02-12	54502	188.98	192.02	3.04			0.007		<u> </u>			l									
AX02-12	54503	192.02	195.07	3.05			0.005				ļ	1		l	ļ	ļ		ļ			↓
AX02-12	54504			Duplica	ite (interval as	above)	0.007		ļ	, <u></u>		ļ		ļ		.		·	ļ		
AX02-12	54505	195.07	198.12	3.05			0.007	<1	0.16	20	0.02	137	16	0.01	14	1770	147	2.78	2	1 1	/3
AX02-12	54506	198.12	201.17	3.05			0.008				<u> </u>	ļ	<u> </u>	ļ <u></u>						ļ	
	E.O.H											<u> </u>				l	<u> </u>				<u></u> _

Hole	Sample	Inte	rvel	Width (m)	QC Sample	Standard	Au	Ti	TI	U	V	W	Zn
Number	Number	From	To		Type	Number	ppm	%	ppm	ppm	ppm	ppm	Ppm
AX02_2_	54496	/3./4	176.78	3.04			<0,005				I		
AX02-12	54497	178.78	179.20	2.42			0.005						
AX02-12	54498	179.20	180.58	1.38			0.007						
AX02-12	54499	180.58	182.88	2.30			0.009		i				
AX02-12	54500	182.88	185.93	3.05			< 0.005	<0.01	<10	70	6	<10	38
AX02-12	54501	185.93	188.98	3.05			0.007						
AX02-12	54502	188.98	192.02	3.04			0.007						
AX02-12	54503	192.02	195.07	3.05			0.005						
AX02-12	54504			Duplica	ite (interval as	above)	0.007						
AX02-12	54505	195.07	198.12	3.05			0.007	<0.01	<10	60	2	<10	8
AX02-12	54506	198.12	201.17	3.05			0.008					ļ	
	E.O.H			[J	l				

Name	Hole	Sample	Inter		Width (m)	QC Sample	Standard	Au	Ag	ĀI	Áв	Ð	Ba	Ве	BI	Ca	Cd	Co	Cr	Cu	Fe	Ge
April 1978 1979		Number	From	To		Туре	Number	ppm	ppm	×	ppm	ppm	ppm	ppm	ppm	*	ppm	ppm	ppm	ppm	*	ppm
March Marc			11.60	15.24	3.64																	
According 1950 1924 2.52 2.65 2.72 1.00 2.02 2.	AX02-13	54508				Stendard	CDN-GS-3														∤	
ACCUST 9511 1921 2134 2136 390 600 600 100 100 100 100 100 100 100 10																					 	
ACCUST 45492 223.4 23.38 3.09																						
AGO-13 54513									0.2	0.18	112	<10	140	0.8	<2	0.64	<0.5		9	55	2.72	10
AGE-13 Selfe 24.38 27.49 35.05			21.34	24.38	3.04						:											
ACCUSTS 5956 777.25 30.68 1.05						Blank				ļ						·		ļ				
ACCUPATION Section S																						
AGE-11 1533 78.10 10.05 10.0											44		200			0.00		<u> </u>				
AGO-13 Seils Sei									0.2	0.31	41	*10	290	0.9		0.03	<0.5			43	2.1	<u> </u>
AGE-15 54510 3610 3710 100 0.078 0.047 0.08 0.048 0.08 0			33.53	36.10		1 2 2 2	-6						-				-				- 	
MONCH Section Sectio						ite (intervalas	above)			<u> </u>		·				ļ						ļ
Section Sect	<u> </u>															-						
ADDITION SISTE 44.20 44.40 22.00						Ļ				0.24		- 20	20	2.0	_	4 74	A	- 		445	7.70	
ACC -13 Set33 44:40 47:30 2:00 0:001 0.2 1:13 1:08 4:10 4:0 1:2 6 2:07 0.5 2:2 31 1:0 4.8 4:10						ļ																
MONEY 1965						 																
AVXIVID CAUSE CA																						
AGENTAL SASSE SOTO ST-80 1.10 0.022 49.2 0.4 86 <10 50 0.8 <2 0.43 <0.5 8 41 20 2.66 10									0.5	1.30	122	10	JU	1.4	<u> </u>	3.32	0.0		٠,,	134	4.71	
AUXILIA S4527 S1500 S468 S.06 Sheeked CDN-CS-3 1.06 O.4 T.8 S. S. O.22 O.6 O. T.9 O.5 T. T.9 S. T. O.5 O									c0.3	0.4	80		60	0.0	-73	n 43	<0.5	<u> </u>	41	20	2 60	10
A002-13 45-52 45							ļ		\U.Z	0.4	-00	~10	UU	V.0	·	U.43	~0.0	<u>0</u>		- 29	2.00	!
A002-13 54503 579 1 3.05			51.80	54.86	3.06	Ctandard	CON CC 3		0.4	1 20	-	c10	220		10	1 20	20.5	11	470	30	271	
A002-13			54.86	67.04	3.05	Standard	CON-G3-3		· · · · · ·	1.09	- °	110	220	0.0	10	1.23	×0.5		413	33	2.11	
AXXIV:13 SASS 60.96 64.80 3.94 0.035 0.3 0.45 107 110 50 0.6 <2 0.62 <0.5 9 35 53 3.23 10										ļ					1	-						
\$\frac{\text{A}\text{D}_{2}\text{13}}{\text{S}_{2}\text{5}\text{5}} \text{ 6480} \text{ 6880} \text{ 6880} \text{ 6890} \text{ 4.10} \\ \$\text{A}\text{D}_{2}\text{13}} \text{ 5683} \text{ 6890} \text{ 70.70} \text{ 73.15} \text{ 249} \\ \$\text{A}\text{D}_{2}\text{13}} \text{ 5683} \text{ 6890} \text{ 70.70} \text{ 73.15} \text{ 249} \\ \$\text{A}\text{ 0.041} \text{ 5683} \text{ 73.10} \text{ 75.90} \\ \$\text{A}\text{ 75.70} \text{ 75.90} \text{ 75.90} \\ \$\text{A}\text{ 75.90} \text{ 75.90} \text{ 75.90} \\ \$\text{A}\text{ 75.90} \text{ 75.90} \\ \$\text{A}\text{ 75.90} \text{ 75.90} \\ \$\text{A}\text{ 75.90} \text{ 75.90} \\ \$\text{A}\text{ 75.90} \text{ 75.90} \\ \$\text{A}\text{ 75.90} \text{ 75.90} \\ \$\text{A}\text{ 75.90} \\ \$\text{A}\text{ 75.90} \\ \$\text{ 75.90} \\ \$\text{A}\text{ 75.90} \\ \$\text{ 75.90} \\ \$\text{ 75.90} \\ \$\text{A}\text{ 75.90} \\ \$\tex						 -			0.3	0.45	107	<10	50	0.6	<2	0.62	<0.5	0	35	53	3 23	10
AND-13 5453 69.90 70.70 1.50 0.041 0.041 0.045									0.3	0.43	107	-,,,,	30			0.02	70.0		- 55		3.23	<u>'Y</u>
ANO2-13 54534 79.70 73.15 2.45 0.044 0.024 0.028 0.044 0.028 0.055 0.0							i			}					ļ	·						
XX02-13 54555 73-15 78-99 3.75 78-95 3.75 79-25 3.50 0.065 1.26 0.065 0.065 1.26 0.065 1.26 0.065 0.0						-				 						i						
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX										 								-				
AVX02-13 54539 54539 525 525 525 524 524 524 524 524 524 525 5									14	0.28	166	<10	20	<0.5	<2	1 64	<0.5	24	24	126	5.83	10
AV02-13 545-98 80.50 82.30 1.80						 			1.7		-,00			5.5					l — = -		9,00	
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			79.20	80.50		te (interval es	ahove)										i					
AV02-13 Se440 92.0 RS.34 3.04 0.057 0.055 0.034 0.3 0.43 89 <10 40 0.7 2 0.36 0.7 8 45 62 2.61 <10 AV02-13 Se442 98.39 99.07 1.68 0.026 0.02			80.50	82.30		I	I															
AX02-13 S4541 85.34 86.39 90.07 90.00 0.83 0.053 0.053 0.053 0.063 0.083 0.063 0.084 0.084 0.085 0.084 0.085 0.0							·															
AX02-13 54542 88.39 99.07 168 0.028 0.028 0.028 0.029 0.035 0.053 0.054 0.055 0.054 0.055									0.3	0.43	89	<10	40	0.7	2	0.36	0.7	8	45	62	2.61	<10
AX02-13											i					!						
AX02-13 54546 99.70 22.55 0.034 0.047 0.25 0.034 0.047 0.25 0.034 0.047 0.25 0.034 0.047 0.25 0.034 0.047 0.25 0.047 0.047 0.25 0.047							·			1												
AX02-13 54545 93.45 95.70 97.54 1.64 0.047 0.5 0.34 201 <10 30 0.6 <2 2.84 0.9 26 17 205 5.25 10 AX02-13 54546 95.70 97.54 99.63 2.09 Standard CDN-GS-2 4.65 1 2.42 96 <10 170 0.7 4 1.27 0.8 6 172 79 8.64 10 AX02-13 54548 99.63 100.59 0.95						†		0.028		·						1						
AX02-13 54546 95.70 97.54 98.63 2.09 0.035 0.0						ļ.———																
AX02-13 S4547 97.54 99.63 2.09 0.035 0.062 0.035 0.062 0.035 0.062 0.035 0.062 0.035 0.062 0.035 0.062 0.035 0.062 0.035 0.062 0.036 0.036 0.036 0.035 0.036 0.035 0.036 0.035 0.036 0.035 0.036 0.035 0.036 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035								0.047	0.5	0.34	201	<10	30	0.6	<2	2.84	0.9	26	17	205	5.25	10
AXQ2-13 54548 99-63 100.58 0.95						1			1	1						L	L	I			<u> </u>	
AX02-13 54549 99.63 100.58 0.95 0.055 0.062					1	Standard	CDN-GS-2	4.65	1	2.42	96	<10	170	0.7	4	1.27	0.8	6	172	79	8.64	10
AX02-13 54550 100.58 103.63 3.05 0.051 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.035 0.037 0			99.63	100.58	0.95		1	0.062		I												
AX02-13 54551 103.63 106.68 3.05						1		0.051			L'							l	1			
AX02-13 54552 106.68 109.73 3.05 8enk < 0.035					3.05																	
AX02-13 54553									L		L	L	L							L		
AX02-13 54554 109.73 112.78 3.05 0.037 0.047 0.2 0.47 75 10 20 0.6 3 1.46 <0.5 12 28 97 4.1 <10 <10 AX02-13 54555 112.78 114.51 118.25 1.74 0.042 0.087						Biank										L		ļ			ļ	
AX02-13 54555 112.78 114.51 115.25 1.73 0.047 0.2 0.47 75 10 20 0.6 3 1.46 <0.5 12 28 97 4.1 <10			109.73	112.78	3.05				ļ			ļ			ļ	ļ	ļ	ļ	L	ļ	L	
AX02-13 54556 114.51 116.25 1.74				114.51					0.2	0.47	75	10	20	0.6	3	1.46	<0.5	12	20	97	4.1	<10
AX02-13 54557 116,25 117,12 0,87 0,087 0,087 0,087 0,0071	AX02-13	54556	114.51		1.74						ļ											
AX02-13 54558				117.12	0.87			0.087		I								L				
AX02-13 54559 117.12 118.87 1.75 0.071 0.036 0.036 0.2 0.39 58 10 40 0.6 3 0.53 <0.5 7 32 40 2.52 <10		54558	1			ate (interval as	s above)									 	<u> </u>	<u> </u>	ļ	<u> </u>	!	
AX02-13 54561 120.65 121.92 1.27 0.032									ļ									<u></u>		ļ		
AX02-13 54562 121.92 124.97 3.05 0.048 AX02-13 54563 124.97 128.02 3.05 0.042 AX02-13 54564 128.02 129.30 1.28 0.071 AX02-13 54565 129.30 132.03 2.73 0.074 0.2 0.45 203 <10 20 0.5 2 1.54 <0.5 21 16 81 4.62 <10 AX02-13 54566 132.03 135.10 3.07 0.083 AX02-13 54567 135.10 135.95 0.85 0.85 0.128 AX02-13 54568 AX0	AX02-13	54560	118.87			1			<0.2	0.39	58	10	40	0.6	3	0.53	<0.5	7	32	40	2.52	<10
AX02-13 54563 124.97 128.02 3.05 0.042	AX02-13	54561	120.65			1				1						1		ļ				
AX02-13 54564 128.02 129.30 1.28 0.071	AX02-13	54562	121.92			1			ļ	L	 	1			 	ļ	ļ	1	1		 	
AX02-13 54565 129:30 132:03 2.73 0.074 0.2 0.45 203 < 10 20 0.5 2 1.54 < 0.5 21 16 81 4.62 < 10 AX02-13 54566 132:03 135:10 3.07 0.083 0.128 0.	AX02-13	54563					ļ		<u> </u>						ļ	1	ļ	 		<u> </u>		
AX02-13 54566 132.03 135.10 3.07 0.083	AX02-13	54564	128.02			↓	L		L	L	L	<u> </u>		<u> </u>	ļ	ļ						
AX02-13 54567 135.10 135.95 0.85 0.128 0.128 0.124 7 <10 120 <0.5 7 0.92 <0.5 11 343 37 2.25 <10							L		0.2	0.45	203	<10	20	0.5	2	1.54	<0.5	21	16	81	4.62	<10
AX02-13 54568 Standard CDN-GS-1 1.275 0.4 1.24 7 <10 120 <0.5 7 0.92 <0.5 11 343 37 2.25 <10	AX02-13					ļ	l		ļ	ļ	1	-	ļ	l	-	-	-	 	·	 		
AA02-13 34300 State and St			135.10	135.95	0.85	ļ	L			 	 -					1	105	ļ <u>.</u>	040	- 27	2.05	440
AX02-13 54569 135.95 138.90 2.95 0.196					 	Standard	CDN-GS-1		0.4	1.24	1 7	<10	120	<0.5	 !	0.92	<0.5	11	343	3/	2,25	<u> </u>
	AX02-13	54569	135.95	138.90	2.95	J	<u> </u>	0.196		L	i		L	l	l .			L	L			

Axelgold 2002 Drilling Program

Hale	Sample	Inte	rvat	Width (m)	QC Sample	Standard	Αu	Hg	K	La.	Mg	Mn	Mo	Na	Ni	. Ь	Pb	5	5 6	\$c	Sr
Number	Number	From	To	1020,	Туре	Number	ppm	ррп	×	ppm	*	ppm	ррт	1%	ppm	ррт	ррт	¥.	ppm	ppm	ppm
AX02-13	54507	11.60	15.24	3.64			0.027														
AX02-13	54508				Standard	CDN-GS-3	0.78														
AX02-13	54509	15.24	18.29	3.05			0.014						l								
AX02-13	54510	18.29	19.24	0.95			0.023														
AX02-13	54511	19.24	21.34	2.10			0.032	<1	0.17	60	0.14	930	20	0.03	6	630	177	1.33	19	<1	334
AX02-13	54512	21.34	24.38	3.04			0.044														
AX02-13	54513				Blank		< 0.005								<u></u>			[
AX02-13	54514	24.38	27.43	3.05			0.017							<u> </u>							
AX02-13	54515	27.43	30.48	3.05			0.013		1	L					L				i		
AX02-13	54516	30.48	33.53	3.05			0.026	<1	0.22	60	0.02	107	19	0.07	3	520	52	0.18	18	<1	150
AX02-13	54517	33.53	36.10	2.57			0.041	l	L	<u> </u>							ļ				
AX02-13	54518			Duplice	ite (Interval as	above)	0.044								ļ						<u> </u>
AX02-13	54519	36.10	37.10	1.00			0.076		<u> </u>		<u> </u>			<u> </u>	<u> </u>						
AX02-13	54520	37.10	40.45	3.35			0.047		1						 						
AX02-13	54521	40.45	42.20	1.75]	0.062	<1	0.25	30	0.86	548	912	0.02	14	1720	100	3.79	25	2	467
AX02-13	54522	42.20	44,40	2.20			0.03	2	0.92	30	2.34	1065	83	0.03	19	3100	48	2.89	5	8	1470
AX02-13	54523	44.40	47.30	2.90			0.031	<1	1.16	30	2.64	997	84	0.03	19	3120	36	3.13	2	9	1350
AX02-13	54524	47.30	49.65	2.35	l	<u> </u>	0.049	<1	1.34	30	2.56	1160	32	0.04	19	3060	41	3.75	4	9	1340
AX02-13	54525	49.65	50.70	1.05			0.035	<u> </u>	 	L	0.12			- 5 05	40	640		·			474
AX02-13	54526	50.70	51.80	1,10		ļ	0.022	1 1	0.3	70	0.17	692	31	0.05	10	610	52	2	2	<1	341
AX02-13	54527	51.80	54.86	3.06	ļ <u></u>		0.016			40			1 42	- A 20	240	590	25	0.14	<2	6	104
AX02-13	54528			1 - 2	Standard	CDN-GS-3	1,405	<1	0.28	10	0.81	577	12	0.29	219	290	25	U.14	*2		104
AX02-13	54529	54.86	57.91	3.05			0.015		ļ					ļ	1			<u> </u>			
AX02-13	54530	57.91	60.96	3.05	ļ	ļ <u>.</u>	0.022		0.00	50	0.13	389	72	0.03	12	1840	73	2.03	5	1	214
AX02-13	54531	60.96	64.80	3.84			0.035	1	0.28	50	0,13	389	12	0.03	12	1040	13	2.03		'	214
AX02-13	54532	64.80	68.90	4.10			0.047		ļ		ļ	 	ļ. 	-	├ ──		ļ	 			
AX02-13	54533	68.90	70.70	1.80			0.041	ļ	-			-	<u> </u>	ļ	 		-	-			
AX02-13	54534	70.70	73.15	2.45	ł. 		0.046		 		<u> </u>	 		1		 -		 	-		
AX02-13	54535	73.15	76.90	3.75			0.024	<1	0.23	40	0.59	1150	88	0.02	21	2860	71	5.56	10	3	578
AX02-13	54536	76.90	79.25	2.35		<u> </u>	0.065 0.065		0.23	90	0.09	1130	00	0.02		2000	· · · · · · · · · · · · · · · · · · ·	3.30	- ' -	-	370
AX02-13	54537	79.25	80.50	1.25		1	0.068		 	 			 	+	 			 			
AX02-13	54538		L		ite (interval as	above)	0.041	 	+	 	 	-	<u> </u>	 	-		 	 			
AX02-13	54539	B0.50	82.30	1.80		-		 			 		-	 	}						·
AX02-13	54540	82.30	85.34	3.04		ł	0.057	<1	0.3	60	0.11	101	51	0.07	13	1260	59	2.38	6	1	238
AX02-13	54541	85.34	88.39	3.05		ļ	0.034	 `'	0.3		0.71	101	· > 2			1200			ļ	· · · ·	
AX02-13	54542	88.39	90.07	1.68			0.028		 	 	 -	ļ	 					1	 		
AX02-13	54543	90.07	90.90	0.83	ļ	ł	0.033	 						 	 		 				
AX02-13	54544	90.90	93.45	2.55	ļ - -	ļ	0.020	ļ 	+	<u> </u>	}	·	 	1	1		 	1	 		
AX02-13	54545	93.45	95.70 97.54	1.84		 	0.047	1	0.25	120	0.62	866	17	0.02	33	8400	144	5.61	20	3	1155
AX02-13	54546	95.70	99.63	2.09		 	0.035	 	0.20	1			<u> </u>	 							
AX02-13	54547	97.54	99.03	2.08	Standard	CDN-GS-2	4.65	<1	0.5	10	0.97	417	3	0.13	35	690	104	1.39	<2	5	125
AX02-13	54548	99.63	100.58	0.95	Steriout	35.7.557	0.062	<u> </u>	1	† 	1	T						1			
AX02-13 AX02-13	54549 54550	100.58	103.63	3.05		·	0.051	 	 	 		1		T	1	-				1	I
AX02-13 AX02-13	54551	103.63	106.68	3.05	 	—	0.036	† 	1			T			1			T			
AX02-13 AX02-13	54552	106.68	109.73	3.05	——	· · · ·	0.035		1		T	1	1					1			
AX02-13	54553	100.00	103,75	1	Blank	!	<0.005	1	1			I		I	I			<u> </u>			
AX02-13	54554	109.73	112.78	3.05	1	1	0.037	T	T				l					1	L	L	ļ
AX02-13	54555	112.78	114.51	1.73	†	i ·	0.047	1	0.37	30	0.73	686	329	0.05	19	1550	73	4.48	33	2	820
AX02-13	54556	114.51	116.25	1.74	1	T	0.042	1				I			<u> </u>				ļ		L
AX02-13	54557	116.25	117.12	0.87	l	1	0.087	I .							1			<u> </u>			
AX02-13	54558		T	Duplic	ate (interval a:	s above)	0.071]						1	1	L	ļ		ļ	L	
AX02-13	54559	117.12	118.87	1.75			0.071						ļ		L		ļ	L	l		
AX02-13	54560	118.87	120.65	1.78			0.036	<1	0.32	40	0.41	211	98	0.02	14	740	53	2.59	15	1	581
AX02-13	54561	120.65	121.92	1.27		I	0.032				ļ		1	1		 	ļ			ļ	ļ
AX02-13	54562	121.92	124.97	3.05			0.048	L		L		1		↓	1		ļ	1	ļ		
AX02-13	54563	124.97	128.02	3.05		1	0.042						ļ		ļ		ļ		ļ	ļ	
AX02-13	54564	128.02	129.30	1.28		I	0.071	1				↓		_	ļ		—	L	I	L	1
AX02-13	54565	129.30	132.03	2.73	l		0.074	<1	0.34	30	0.68	1290	23	0.03	23	2620	82	4.77	29	3	766
AX02-13	54566	132.03	135.10	3.07	1	1	0.083	ļ	1		L	 	 	 	1	↓	 	ļ		ļ	
AX02-13	54567	135.10	135.95	0.85		1	0.128			L		 		 	5.5		 				10
AX02-13	54568		T		Standard	CDN-GS-1	1.275	<1	0.12	<10	0.72	496	10	0.1	212	570	23	0.07	<2	4	49
AX02-13	54569	135.95	138.90	2.95			0.196		<u> </u>		<u> </u>	<u>l</u>	1	4	J	L	1	1	J	ł	L

				MII 41- 1- 1	00.84-11	Standard	Au	Ťi	TI	U	٧	W	Žη
Hole Number	Sample Number	Inte From	rval To	Width (m)	QC Sample	Standard Number	. AU	- 11	ppm	ppm	ppm	ppm	ppm
AX02-13	54507	11.60	15.24	3.64	.,,,-		0.027					<u> </u>	
AX02-13	54508	11.00	10.27		Standard	CDN-GS-3	0.78						
AX02-13	54509	15.24	18.29	3.05			0.014						
AX02-13	54510	18.29	19.24	0.95			0.023						
AX02-13	54511	19.24	21.34	2.10			0.032	<0.01	10	260	- 6	<10	108
AX02-13	54512	21.34	24.38	3.04			0.044						
AX02-13	54513				Blank		<0.005						
AX02-13	54514	24.38	27.43	3.05			0.017						
AX02-13	54515	27.43	30.48	3.05			0.013						
AX02-13	54516	30.46	33.53	3.05			0.026	<0.01	10	220	10	<10	51
AX02-13	54517	33.53	35.10	2.57	<u>. </u>	ــــــــــــــــــــــــــــــــــــــ	0.041			<u> </u>			
AX02-13	54518	l			ite (Interval as	above)	0.044			<u></u>			
AX02-13	54519	36 10	37.10	1.00	.		0.078					}	
AX02-13	54520	37.10	40.45	3.35 1.75		ļ	0.062	<0.01	<10	200	3	<10	56
AX02-13	54521	40.45	42.20 44.40	2.20	 		0.002	0.03	<10	<10	55	<10	117
AX02-13	54522	42.20 44.40	47.30	2.90		 	0.031	0.04	<10	<10	70	<10	143
AX02-13	54523		49.65	2.35		·	0.049	0.03	<10	<10	72	<10	128
AX02-13 AX02-13	54524 54525	47.30 49.65	50.70	1.05		 	0.035		<u> </u>	<u>`</u> _	 		
AX02-13 AX02-13	54526	50.70	51.80	1.10	<u> </u>		0.022	<0.01	10	430	12	<10	103
AX02-13	54527	51.80	54.86	3.06	t		0.016	-	<u> </u>				
AX02-13	54528	1- 07.50	J.1.57	7:33	Standard	CDN-GS-3	1 405	0.16	<10	<10	67	10	53
AX02-13	54529	54.86	57.91	3.05	I		0.015						
AX02-13	54530	57.91	60.96	3.05			0.022						
AX02-13	54531	60.96	64.80	3.84			0.035	<0.01	<10	100	12	<10	69
AX02-13	54532	64.80	68.90	4.10			0.047						
AX02-13	54533	68.90	70.70	1.80			0.041						
AX02-13	54534	70.70	73.15	2.45		ļ <u>.</u>	0.046						
AX02-13	54535	73.15	76.90	3.75	ļ		0.024					-40	05
AX02-13	54536	76.90	79.25	2.35			0.065	<0.01	<10	80	11	<10	95
AX02-13	54537	79.25	80.50	1.25	4- 0-4	<u> </u>	0.065 0.068			··			
AX02-13	54538	 _			ate (interval as	s above)	0.041	-		ļ			
AX02-13	54539	80.50	82.30	1.80	·		0.041						
AX02-13	54540	82.30 85.34	85.34 88.39	3.04			0.034	<0.01	10	200	8	<10	277
AX02-13	54541	88.39	90.07	1.68			0.026	1	<u> </u>				
AX02-13 AX02-13	54542 54543	90.07	90.90	0.83	 -		0.053		 -	-			
AX02-13 AX02-13	54544	90.90	93.45	2.55		 	0.028						
AX02-13	54545	93.45	95.70	2.25	t		0.034				1		1
AX02-13	54546	95.70	97.54	1,84	1		0.047	<0.01	10	130	14	<10	179
AX02-13	54547	97.54	99.63	2.09			0.035						
AX02-13	54548		I		Standard	CDN-GS-2	4.65	0.05	<10	<10	44	10	48
AX02-13	54549	99.63	100.58	0.95			0.062			<u> </u>		ļ	
AX02-13	54550	100.58	103.63	3.05			0.051		<u> </u>	 	ļ		ļ
AX02-13	54551	103.63	106.68	3.05	ļ	L	0.036	ļ				1	ļ
AX02-13	54552	106.68	109.73	3.05	L	ļ	0.035	ļ	ļ	_	 	 	 -
AX02-13	54553	ļ	ļ	1	Blank	ļ	<0.005			ļ — ·		 	
AX02-13	54554	109.73	112.78	3.05	1		0.037	<0.01	10	10	10	<10	38
AX02-13	54555	112.78	114.51	1.73	+	 	0.047	VU.U1	10	+ ''	10		1 30
AX02-13	54556	114.51	116.25	1.74 0.87	 	 	0.042	 	 	 	†	 	
AX02-13	54557	116.25	117.12		ate (interval a:	E ehove)	0.087			 		 	
AX02-13	54558	117.12	118.87	1.75	ava fiiries vai a:	T above)	0.071	 	 	 	1	 	
AX02-13	54559 54560	117.12	120.65	1.78	 	 	0.036	<0.01	10	10	7	<10	20
AX02-13 AX02-13	54561	120.65	121.92	1.27	1	 	0.032			1	1		
AX02-13 AX02-13	54562	121.92	124.97	3.05	1	1	0.048				1	1	
AX02-13	54563	124.97	128.02	3.05	1	1	0.042	T					-
AX02-13	54564	128.02	129.30	1.28		1	0.071	1	1				
AX02-13	54565	129.30	132.03	2.73	1	T	0.074	<0.01	10	10	16	<10	106
AX02-13	54566	132.03	135.10	3.07	1		0.083						
AX02-13	54567	135.10	135.95	0.85			0.128		L				
AX02-13	54568	1	1	Ī	Standard	CDN-GS-1	1.275	0.12	<10	<10	55	10	47
AX02-13	54569	135.95	138.90	2.95			0.196	1				1	
	1 2 2 2 2 2												

Axelgold 2002 Drilling Program

Hole	Sample	Inte	rval	Width (m)	QC Sample	Standard	Au	Ag	Al	As	В	Ba	Be	Bi	Ca	Cq	Co	Cr	Cu	Fe	Ga
Number	Number	From	To		Туре	Number	ppm	ppm	*	ppm	ppm	ppm	ppm	ррт	, ×	ppm	ppm	ррт	ppm	*	ppm
AX02-13	54570	138.90	140.21	1.31			0.218	1	0.4	171	10	20	<0.5	2	1.66	<0.5	11	16	29	3.06	<10
AX02-13	54571	140.21	143.26	3.05			0.292														
AX02-13	54572	143.26	145.80	2.54	1		0.213		ļ	L	l					L	I	I	[
AX02-13	54573	145.80	148.00	2.20			0.256														
AX02-13	54574	148.00	150.25	2.25			0.439		1		l	l					1	<u> </u>			<u> </u>
AX02-13	54575	150.25	152.41	2.16			0.255	0.2	0.77	160	<10	20	0.6	<2	1.35	0.7	12	23	74	2.76	<10
AX02-13	54576	152.41	153.61	1.20			0.063		I	l .		<u> </u>		ĺ	1						
AX02-13	54577	153.61	155.45	1.84			0.055								I						Ĺ
AX02-13	54578			Duplice	ate (interval as	above)	0.054		J									I			
F	ЭH	1			1																

Hole	Sample	Inte	erval	Width (m)	QC Sample	Standard	Au	Hg	K	La	Mg	Mn	Mo	Ne	NI	P	Pb	S	Sb	Sc	Sr
Number	Number	From	To		Туре	Number	ppm	ppm	*	ppm	*	ppm	ppm	*	ppm	ppm	ppm	×	apm	ppm	ppm
AX02-13	545/0	138.90	140.21	1.31			0.218	1	0.31	30	0.86	1090	80	0.03	13	1300	152	3.3	25	2	937
AX02-13	54571	140.21	143.26	3.05			0.292				1				-			1		† 	
AX02-13	54572	143.26	145.80	2.54			0.213		1			7						!		 	
AX02-13	54573	145.80	148.00	2.20			0.256											i ——			
AX02-13	54574	148.00	150.25	2.25			0.439		T												
AX02-13	54575	150.25	152.41	2.16			0.255	1	0.36	40	0.88	946	55	0.03	21	1390	123	2.41	21	3	904
AX02-13	54576	152.41	153.61	1.20			0.063					1	i	1		_				 	
AX02-13	54577	153.61	155.45	1.84			0.055		·					1						† 	
AX02-13	54578			Duplica	te (interval as	above)	0.054		T					1						†	
ΕC)H		1]	1	T			•	•		·1			_	•	·			 	<u>. </u>

Hote	Sample	fnte	rval	Width (m)	QC Sample	Standard	Au	Ti .	TI	υ	V	W	Żn
Number	Number	From	To		Type	Number	ppm	*	ppm	ppm	ppm	ppm	ppm
AX02-13	54570	138.30	140.21	1.31			0.218	< 0.01	<10	20	. 7	<10	71
AX02-13	54571	140.21	143.26	3.05			0.292						
_AX02-13	54572	143.26	145.80	2.54			0.213	_ ·					
AX02-13	54573	145.80	148.00	2.20			0.256						
AX02-13	54574	148.00	150.25	2.25	l	l	0.439						
AX02-13	54575	150.25	152.41	2.16		l	0.255	<0.01	10	20	10	<10	199
AX02-13	54576	152.41	153.61	1.20		1	0.063						
AX02-13	54577	153.61	155.45	1.84			0.055						
AX02-13	54578			Duplica	ite (interval as	above)	0.054			-			
E	OH .												

Hole	Sample	Inter	rvat	Width (m)	QC Sample	Standard	Αu	Ag	Al	As	В	Ba	Be	Bi	Ca	Cq	Co	Cr	Cu	Fe	Ga
Number	Number	From	Te	1	Туре	Number	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ррт	ppm	*	ppm
AX02-14	54579	3.05	6.10	3.05			0.044														
AX02-14	54580	6.10	9.14	3.04			0.050														
AX02-14	54581	9.14	12.27	3.13			0.030														
AX02-14	54582				Standard	CDN-GS-3	0.728		l				-0.5	_			_	•	40		-40
AX02-14	54583	12.27	13.95	1.68			0.014	<0.2	0.17	49	<10	80	<0.5	3	0.14	0.5	3	34	10	1.34	<10
AX02-14	54584	13.95	16.80	2.85			0.014		ļ												
AX02-14	54585	16.80	18.29	1,49			0.024														
AX02-14	54586	18.29	21.34	3.05	Disele		<0.005				ļ			ļ							
AX02-14	54587		24.20	204	Blank		0.026	<0.2	0.21	169	<10	30	0.6	6	1.01	<0.5	12	28	60	3.62	<10
AX02-14	54588	21.34 24.38	24.38 27.43	3.04			0.042	~0.2	0.21	103	-10	30	0.0		1.01	٠٥.٥	''2	20	00	J.UZ	-10
AX02-14 AX02-14	54589 54590	27.43	30.48	3.05			0.060						-								
AX02-14	54591	30.48	32.82	2.34	***		0.076		-												
AX02-14	54592	30.40	32.02		le (interval as	above)	0.077														
AX02-14	54593	32.82	33.70	0.88	1		0.079	<0.2	0.16	146	<10	100	<0.5	5	0.21	<0.5	2	27	23	1.42	<10
AX02-14	54594	33.70	36.58	2.88			0.109							· · ·							
AX02-14	54595	36.58	38.27	1.69			0.065					*******									
AX02-14	54596	38.27	39.62	1.35			0.032											-		•	
AX02-14	54597	39.62	42.69	3.07			0.027														
AX02-14	54598	42.69	44.90	2.21			0.023	<0.2	0.18	94	<10	100	0.5	3	0.21	<0.5	3	26	21	1.61	<10
AX02-14	54599	44.90	45.72	0.82			0.045														
AX02-14	54600	45.72	48.77	3.05			0.040		L		ļ			ļ							
AX02-14	54601	48.77	51.82	3.05			0.041										74	200			<u></u>
AX02-14	54602	l	<u> </u>	ļ	Standard	CDN-GS-2	1.495	<0.2	1.26	6	<10	110	<0.5	<2	0.87	<0.5	13	367	39	2.38	20
AX02-14	54603	51.82	54.86	3.04		ļ	0.042	<0.2	0.25	265	<10	40	1	7	0.63	<0.5	9	18	54	3.46	<10
AX02-14	54604	54.86	57.91	3.05			0.032	ļ				-									
AX02-14	54605	57.91	60.96	3.05			0.047			•											
AX02-14	54606	60.96	64.01	3.05	1		0.042	ļ		 -			 	ļ							
AX02-14	54607	64.01	67.06	3.05			0.032	<0.2	0.18	209	<10	40	0.7	10	1.2	<0.5	11	19	70	3.65	<10
AX02-14	54608	67.06	70.10	3.04	ł		0.053	10.2	0.10	203	10	70	0.7		1.2	-0.0	 _	- ''-		0.00	
AX02-14	54609	70.10	73.15 76.20	3.05			0.036	ļ													
AX02-14	54610	73.15 76.20	78.10	1.90	 		0.032		ļ		-										
AX02-14 AX02-14	54611 54612	70.20	76.10		te (interval as	shove)	0.031				 		<u> </u>								
AX02-14	54613	78.10	79.25	1.15	I	100707	0.014	<0.2	0.21	83	<10	90	0.6	<2	0.17	<0.5	3	31	12	1.27	<10
AX02-14	54614	79.25	81.00	1.75			0.019				·		1								
AX02-14	54615	81.00	82.30	1.30	-		0.030					-									
AX02-14	54616	82.30	83.54	1.24			0.035														
AX02-14	54617	83.54	84.80	1.26			0.076														
AX02-14	54618	84.80	86.20	1.40	1		0.064	<0.2	0.21	212	<10	30	0.6	8	0.74	<0.5	10	21	71	3.38	<10
AX02-14	54619	86.20	87.15	0.95			0.087										ļ				
AX02-14	54620	87.15	88.39	1.24			0.028		<u> </u>												ļ
AX02-14	54621	88.39	89.70	1.31			0.071		<u> </u>			ļ	ļ				<u> </u>	ļ			ļ
AX02-14	54622			ļ	Standard	CDN-GS-3	0.822		L	2:-			·	 	4			- 45	100	2 70	<u></u> -
AX02-14	54623	89.70	91.44	1.74	 		0.083	<0.2	0.18	248	<10	20	0.8	8	1.34	<0.5	10	16	106	3.78	<10
AX02-14	54624	91.44	92.40	0.96	ļ		0.046	ļ	 	 		 		+	<u> </u>		 	 			1 -
AX02-14	54625	92.40	93.32	0.92		 	0.079	 	1	 	1	 	 	 	<u> </u>			 	 		
AX02-14	54626	93.32	94.49	1.17	Blank	 	0.053 <0.005	 	1	·		 	 	 	 		 	 			
AX02-14	54627	04.40	96.00	1.51	Diarik	 	0.024	<0.2	0.2	176	<10	30	1.1	12	1.39	<0.5	9	23	69	3.05	<10
AX02-14	54628	94.49	96.00	1,54	 		0.024		V.2	 	1.0		† ···	i			<u> </u>		 		
AX02-14	54629	96.00 97.54	99.04	1.50	 	 	0.022	 -	1	1	<u> </u>		† · · · · · ·	 			 	·	·	l	tt
AX02-14 AX02-14	54630 54631	97.04	100.58	1.54	 	 	0.027		1	1	 						1				
AX02-14	54632	33.04	1,00.00		ale (interval as	s above)	0.025		1	1	1										
AX02-14	54633	100.58	102.22	0.31	T		0.036	<0.2	0.18	263	<10	20	1	4	0.93	<0.5	11	14	87	3.75	<10
AX02-14	54634	102.22	102.53	1.85	!	l	0.046		T T	I'		I									
AX02-14	54635	102.53	104.38	1.85	I	1	0.037	1.													
AX02-14	54636	104.38	106.68	2.30	1"	1	0.033	i		I		l		ļ							L
AX02-14	54637	106.68	108.18	1.50			0.026	<u> </u>	L					L	 	L	ļ <u></u>	L			 _
AX02-14	54638	108.18	109.73	1.55			0.056	0.2	0.22	160	<10	40	0.8	4	0.4	<0.5	7	29	53	2.57	<10
AX02-14	54639	109.73	111.28	1.55	L	ļ. <u>.</u>	0.052	.		 	 		ļ	ļ	ļ	ļ	<u> </u>			ļ	
AX02-14	54640	111.28	112.78	1.50	↓	L	0.044	ļ <u>.</u>		ļ		<u> </u>	-				 	ļ	ļ		
AX02-14	54641	112.78	114.20	1.42		ļ. <u>.</u>	0.047	<u> </u>		↓	<u> </u>	ļ	↓	 	 	ļ	ļ	ļ	ļ	<u> </u>	<u> </u>
AX02-14	54642		L	L	Standard	CDN-GS-3	0.804		1	I		<u> </u>		l			-	- 34	£7	2.50	
AX02-14	54643	114.20	115.82	1.62	!	ļ	0.057	<0.2	0.21	154	<10	30	0.7	8	0.79	<0.5	8	31	57	2.59	<10
AX02-14	54644	115.82	117.32	1.50	<u></u>	<u> </u>	0.053	<u> </u>	1		L	1		L	L	I		L	L	L	I

Rubicon Minerals Corporation Axelgold 2002 Drilling Program AX02-14

Hole	Semple	Inte	rval	Width (m)	QC Sample	Standard	Au	Hg	К	La	Mg	Mn	Mo	Na	Ni	P	Pb	5	Sb	Sc Sc	Šr Šr
Number	Number	From	Ťo	14,50,14,11,4	Туре	Number	ppm	Ppm	%	ppm	- X	ppm	ppm	%	ppm	ppm	ppm	*	ppm	ppm	ppm
AX02-14	54579	3.05	6.10	3.05			0.044		1											•	
AX02-14	54580	6.10	9.14	3.04			0.050			i		1				· · · · · · · · · · · · · · · · · · ·					
AX02-14	54581	9.14	12.27	3.13			0.030	i — — — — — — — — — — — — — — — — — — —		i		1						1			
AX02-14	54582				Standard	CDN-GS-3	0.728	İ													
AX02-14	54583	12.27	13.95	1.68			0.014	1	0.14	30	0.15	187	5	0.03	5	240	74	1.37	12	<1	275
AX02-14	54584	13.95	16.80	2.85			0.014	I	T	L					_	·		ii			
AX02-14	54585	16.80	18.29	1.49			0.024		1												
AX02-14	54586	18.29	21.34	3.05			0.023														
AX02-14	54587			[Blank		<0.005		Ĭ		1										
AX02-14	54588	21,34	24.38	3.04			0.026	<1	0.17	30	0.55	1120	10	0.03	24	1460	70	3.84	16	1	486
AX02-14	54589	24.38	27.43	3.05			0.042					L									
AX02-14	54590	27.43	30.48	3.05			0.060							<u> </u>							L
AX02-14	54591	30.48	32.82	2.34	l	i	0.076	<u> </u>	1	<u> </u>		<u> </u>					l				
AX02-14	54592				ite (interval as	above)	0.077	 	1		Ĺ		i	l		i	i	i			
AX02-14	54593	32.82	33.70	0.88			0.079	<1	0.13	20	0.1	173	7	0.02	5	320	84	1.55	9	<1	167
AX02-14	54594	33.70	36.58	2.88			0.109	<u></u>				<u> </u>									
AX02-14	54595	36.58	38.27	1.69			0.065														
AX02-14	54596	38.27	39.62	1.35	l	ļ <u> </u>	0.032	<u> </u>	L		<u> </u>	<u> </u>	<u> </u>		L						
AX02-14	54597	39.62	42.69	3.07			0.027	ļ	1	ļ		ļ				l					
AX02-14	54598	42.69	44.90	2.21	ļ	J	0.023	<1	0.15	20	0.2	269	5	0.03	7	450	40	1.76	6	<1	205
AX02-14	54599	44.90	45.72	0.82	l	L	0.045			L	1		ļ	l				<u></u>			-
AX02-14	54500	45.72	48.77	3.05			0.040	L	L	L	}		ļ								
AX02-14	54601	48.77	51.82	3.05		ļl	0.041		<u> </u>	L	<u> </u>	 		لـــــــــــــــــــــــــــــــــــــ		L					
AX02-14	54602		L		Standard	CDN-G5-2	1.495	<1	0.12	10	0.8	499	10	0.09	226	650	25	0.07	<2	4	46
AX02-14	54603	51.82	54.86	3.04			0.042	1	0.19	30	0.18	242	7	0.04	20	2200	39	3.93	9	1	350
AX02-14	54604	54.86	57.91	3.05			0.032		<u> </u>			L									
AX02-14	54605	57.91	60.96	3.05			0.047		1		L		<u> </u>				L				L
AX02-14	54606	60.96	64.01	3.05	I		0.042		l		1										
AX02-14	54607	64.01	67.06	3.05			0.052														<u> </u>
AX02-14	54608	67.06	70.10	3.04	1	l	0.041	<1	0.13	20	0.58	1265	7	0.04	29	1400	18	4.07	10	2	561
AX02-14	54609	70.10	73.15	3.05			0.053														
AX02-14	54610	73.15	76.20	3.05			0.036														[_
AX02-14	54611	76.20	78.10	1.90			0.032				I										
AX02-14	54612				ite (Interval as	above)	0.031		1			<u>L</u>									
AX02-14	54613	78.10	79.25	1.15			0.014	1	0.15	20	0.05	77	4	0.04	6	500	15	1.4	5	<1	140
AX02-14	54614	79.25	81.00	1.75			0.019				l	L	L			L					<u> </u>
AX02-14	54615	81.00	82.30	1.30			0.030					<u> </u>	<u> </u>								1
AX02-14	54616	82.30	83.54	1.24			0.035		<u> </u>	L	<u> </u>			ļ	<u></u>			J			
AX02-14	54617	83.54	84.80	1.26			0.076		İ			ļ		<u> </u>							
AX02-14	54618	84.80	86.20	1.40			0.064	2	0.15	30	0.28	351	25	0.03	17	1690	34	3.82	9	1	615
AX02-14	54619	86.20	87.15	0.95			0.087		1			ļ				<u> </u>					
AX02-14	54620	87.15	88.39	1.24			0.028		<u> </u>	<u> </u>	ļ	ļ			 _						
AX02-14	54621	88.39	89.70	1.31			0.071	<u> </u>			ļ <u> </u>	<u> </u>	ļ <u> </u>			ļ					
AX02-14	54622			<u> </u>	Standard	CDN-GS-3	0.822	L		<u> </u>	L					ļ	ļ <u>.</u>	1			
AX02-14	54623	89.70	91.44	1.74		l	0.083	1	0.14	40	0.73	2280	9	0.04	12	1770	59	3.96	9	2	602
AX02-14	54624	91.44	92.40	0.96	J	ļ	0.046		<u> </u>	ļ	ļ	ļ	<u> </u>	1		ļ <u> </u>	ļ	ļ <u> </u>			
AX02-14	54625	92.40	93.32	0.92			0.079	<u> </u>	1			ļ	ļ				ļ <u> </u>				
AX02-14	54626	93.32	94.49	1.17	L		0.053	<u> </u>	1	 		<u> </u>		<u> </u>	ļ	ļ		1		ļ	
AX02-14	54627				Blank		<0.005		<u> </u>		<u> </u>										
AX02-14	54628	94.49	96.00	1.51	1		0.024	1	0.16	40	0.57	1415	6	0.04	14	1960	54	3.43	9	2	706
AX02-14	54629	96.00	97.54	1.54	1	l	0.022		<u> </u>								ļ				ļ
AX02-14	54630	97.54	99.04	1.50			0.018					ļ	<u> </u>								
AX02-14	54631	99.04	100.58	1.54	<u></u>		0.027			ļ			L						<u> </u>		L
AX02-14	54632				ate (interval as	s ebove)	0.025		<u> </u>	<u> </u>		ļ	<u></u>	<u> </u>	J	ļ	ļ <u> </u>	ļ	<u>-</u>		
AX02-14	54633	100.58	102.22	0.31	l		0.036	1	0.14	30	0.35	1325	11	0.04	22	2080	42	4.21	10	2	538
AX02-14	54634	102.22	102.53	1.85	l		0.046		l	l	ļ							1			
AX02-14	54635	102.53	104.38	1.85		ļ	0.037			ļ			L			1	l	L		L	I
AX02-14	54636	104.38	106.68	2.30	ļ <u> </u>		0.033			1		ļ	ļ. <u>.</u>	ļ		L					
AX02-14	54637	106.68	108.18	1.50		L	0.026	<u></u>	i	L		ļ	L	1		L					<u> </u>
AX02-14	54638	108.18	109.73	1.55			0.056	<1	0.18	30	0.08	114	17	0.04	15	1350	47	2.9	4	1	230
AX02-14	54639	109.73	111,28	1.55			0.052			ļ			L		L			l		l	
AX02-14	54640	111.28	112.78	1.50	l	l	0.044			L		ļ		L	L	L				L	L
AX02-14	54641	112.78	114.20	1.42	I	Ĺ '	0.047							<u> </u>							
AX02-14	54642				Standard	CDN-GS-3	0.804			1											
AX02-14	54643	114.20	115.82	1.62			0.057	<1	0.17	20	0.32	629	9	0.05	14	980	53	2.99	5	1	669
AX02-14	54644	115.82	117.32	1.50			0.053	L		L	l	L	L	<u> </u>	L						

Hole	Sample	Inte	nzel	Width (m)	QC Sample	Standard	Au	Ti	TI	Ü	V	W	Zn
Number	Number	From	To	- 7110011 (117)	Туре	Number	рргп	¥	ppm	ppm	ppm	ррт	ppm
AX02-14	54579	3.05	6.10	3.05			0.044						
AX02-14	54580	6.10	9.14	3.04			0.050						
AX02-14	54581	9.14	12.27	3.13			0.030					-	
AX02-14	54582				Standard	CDN-GS-3	0.728						
AX02-14	54583	12.27	13.95	1.68			0.014	<0.01	10	10	1.	<10	211
AX02-14	54584	13.95	16.80	2.65			0.014						
AX02-14	54585	16.80	18.29	1.49			0.024			<u> </u>			
AX02-14	54586	18.29	21.34	3.05			0.023						
AX02-14	54587				Błank		<0.005						
AX02-14	54588	21.34	24.38	3.04			0.026	<0.01	<10	10	B	<10	130
AX02-14	54589	24.38	27.43	3.05			0.042						
AX02-14	54590	27.43	30.48	3.05			0.060			ļ			
AX02-14	54591	30.48	32.82	2.34	ļ <u></u>		0.076						
AX02-14	54592				te (interval as	above)	0.077						
AX02-14	54593	32.82	33.70	0.88			0.079	<0.01	<10	<10	2	<10	81
AX02-14	54594	33.70	36.58	2.88			0.109	ļ		ļ	ļ.——	 	
AX02-14	54595	36.58	38.27	1.69			0.065						
AX02-14	54596	38.27	39.62	1.35			0.032	 	ļ				ļ
AX02-14	54597	39.62	42.69	3.07 2.21			0.027	<0.01	<10	<10	3	<10	45
AX02-14	54598	42.69	44.90 45.72	0.82			0.023	*0.01	*10	×10			40
AX02-14 AX02-14	54599	44.90 45.72	45.72 48.77	3.05			0.045	 			<u> </u>		-
AX02-14 AX02-14	54600 54601	45.7Z 48.77	51.B2	3.05			0.041					-	
AX02-14 AX02-14	54602	40.77	51.02	3.05	Standard	CDN-GS-2	1.495	0.1	<10	<10	51	<10	54
AX02-14	54603	51.82	54.86	3.04	Old Rep. C	55,,,652	0.042	<0.01	<10	<10	9	<10	48
AX02-14	54604	54.86	57.91	3.05			0.032				- - -		
AX02-14	54605	57.91	60.96	3.05			0.047	<u> </u>					
AX02-14	54606	60.96	64.01	3.05			0.042	-			•		
AX02-14	54607	64.01	67.06	3.05			0.052	l ·					
AX02-14	54608	67.06	70.10	3.04			0.041	<0.01	<10	<10	9	<10	25
AX02-14	54609	70.10	73.15	3.05			0.053	 					
AX02-14	54610	73.15	76.20	3.05			0.036						
AX02-14	54611	76.20	78.10	1.90			0.032						
AX02-14	54612			Duplica	ite (interval as	above)	0.031						
AX02-14	54613	78.10	79.25	1.15			0.014	<0.01	<10	<10	2	<10	11
AX02-14	54614	79.25	81.00	1.75		_	0.019	<u> </u>					
AX02-14	54615	81.00	82.30	1.30			0.030						
AX02-14	54616	82.30	83.54	1.24			0.035						
AX02-14	54617	83.54	84.80	1.26			0.076						
AX02-14	54618	84.80	86.20	1.40			0.064	<0.01	<10	<10	7	<10	35
AX02-14	54619	86.20	87.15	0.95			0.087						├
AX02-14	54620	87.15	88.39	1.24			0.028	ļ					ļ
AX02-14	54621	88.39	89.70	1.31	Star day	CDN-GS-3	0.071				ļ -		
AX02-14	54622	A		1 2 2 2 2 2	Standard	CON-08-3	0.822	<0.01	<10	<10	16	<10	136
AX02-14	54623	89.70	91.44	1,74			0.083	NO.01	× 10	×10	10	-10	130
AX02-14	54624	91.44 92.40	92.40 93.32	0.96	 	 	0.046	 	 	 	 		-
AX02-14	54625 54626	93.32	94.49	1.17	 		0.053	 					
AX02-14 AX02-14	54626	93.3Z	54.98	 ''''	Blank		<0.005	 	$\vdash \vdash \vdash$	 	 	<u> </u>	\vdash
AX02-14 AX02-14	54628	94.49	96.00	1.51	- Diales	-	0.024	<0.01	<10	<10	12	<10	71
AX02-14	54629	96.00	97.54	1.54			0.022		- · · · ·	1		<u> </u>	<u> </u>
AX02-14	54630	97.54	99.04	1.50			0.018			<u> </u>	 	ļ. .	T
AX02-14	54631	99.04	100.58	1.54			0.027	<u> </u>	l	·	· · · · ·	l	
AX02-14	54632				te (Interval as	above)	0.025	$\overline{}$				İ	1
AX02-14	54633	100.58	102.22	0.31	Ι '		0.036	<0.01	<10	<10	10	<10	72
AX02-14	54634	102.22	102.53	1.85	<u> </u>	[0.046						
AX02-14	54635	102.53	104.38	1.85			0.037						
AX02-14	54636	104.38	106.68	2.30			0.033						
AX02-14	54637	106.68	108.18	1.50			0.026				L		
AX02-14	54638	108.18	109.73	1.55			0.056	<0.01	<10	<10	6	<10	44
AX02-14	54639	109.73	111.28	1.55			0.052						
AX02-14	54640	111.28	112.78	1.50			0.044	I		1		 	<u> </u>
AX02-14	54641	112.78	114.20	1.42	1		0.047	L		ļ			
AX02-14	54642				Standard	CDN-GS-3	0.804			1 1 1 1	ļ	<u> </u>	
AX02-14	54643	114.20	115.82	1.62	L		0.057	< 0.01	<10	<10	7	<10	55
AX02-14	54644	115.82	117.32	1.50		l	0.053	L		1	<u> </u>	l	1

Hole	Sample	Inte	rvel	Width (m)	QC Sample	Standard	Au	Ag	Al	As	В	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	F⊕	Ga
Number	Number	From	to		Type	Number	ppm	ppm	*	ppm	ppm	ppm	ppm	ppm	*	ppm	ppm	ppm	ppm	%	ppm
AX02-14	54645	117.32	118.42	1,10			0.039														
AX02-14	54646	118.42	120.42	2.00			0.043									-					
AX02-14	54647	120.42	121.92	1.50			0.038														
AX02-14	54648	121.92	123.37	1.45			0.078	0.3	0.14	170	<10	30	0.5	5	0.89	0.5	6	20	55	2.29	<10
		123.37	124.97	1.60	··		0.031														
AX02-14	54649	124.97	126.45	1.48			0.039													1	
AX02-14	54650		128.02	1.57			0.048	-													
AX02-14	54651	126.45	128.02		te (interval as	eboya)	0.058													1	$\overline{}$
AX02-14	54652				ie (intervalias	suove/	0.038	<0.2	0.17	142	<10	60	0.5	3	0.31	<0.5	7	19	52	2.42	<10
AX02-14	54653	128.02	129.52	1.50			0.060	0.2	0.17	142	10	QU.	0.5		0.51		<u></u>				
AX02-14	54654	129.52	131.06	1.54			0.080				-										
AX02-14	54655	131.05	132.66	1.60					-		 										
AX02-14	54656	132.66	134.11	1.45			0.049		ļ											-	
AX02-14	54657	134,11	135.61	1.50			0.037							4	0.30	<0.5	8	17	59	2.65	<10
AX02-14	54658	135.61	137.00	1.39			0.036	<0.2	0.17	164	<10	30	0.7	4	0.38	<0.5		17	39	2.00	
AX02-14	54659	137.00	137.70	0.70			0.032		·				<u> </u>								
AX02-14	54660	137.70	140.20	2.50			0.034			l											
AX02-14	54661				Standard	CDN-GS-1	5.150	0.9	1,65	89	<10	70	<0.5	<2	0.73	0.7	11	70	77	7	10
AX02-14	54662	140.20	141.76	1.56			0.046				li		ł .								
AX02-14	54663	141.76	143.26	1.50	[0.050	<0.2	0.19	161	<10	30	0.6	4	0.4	<0.5	8	18	52	2.49	<10
AX02-14	54664	143.26	144.75	1.49	i —		0.057														
AX02-14	54665	144.75	146.30	1.55	1		0.049				[
		(44.75	140.00	1.00	Blank		<0.005														
AX02-14	54666	540.20	147.87	1.57			0.076			 	- 		T								
AX02-14	54667	146.30		1.48	 	-	0.078	<0.2	0.17	137	<10	110	0.6	2	0.17	<0.5	3	19	15	1.55	<10
AX02-14	54668	147.87	149.35	1.50	ļ	 	0.129	-0.2	¥.17	1	'	. 10	+- 			7.0		- _			
AX02-14	54669	149.35	150.85			<u> </u>			 	 			 								
AX02-14	54670	150.85	152.40	1.55	<u> </u>	Ļ.,	0.108			 			 								
AX02-14	54671				ate (interval as	above)	0.097			ļ <u> </u>	1										
AX02-14	54672	152.40	154.35	1,95			0.068		ļ <u>.</u>					·		-0 "	_	24	78	3.02	<10
AX02-14	54673	154.35	155.45	1.10			0.110	<0.2	0.22	283	<10	30	0.7	3	0.4	<0.5	9	29	/0	3.02	
AX02-14	54674	155.45	156.95	1.50	1		0.130		ļ				ļ <u>.</u> .							l	
AX02-14	54675	156.95	158.50	1.55	I		0.119														
AX02-14	54676	158.50	161.00	2.50			0.162							ļ							
AX02-14	54677	161.00	162.99	1.99			0.061														
AX02-14	54678	162.99	164.69	1.70			0.032	<0.2	0.2	201	<10	110	0.7	2	0.22	<0.5	2	32	17	1.38	<10
AX02-14	54679	164.69	166.19	1.50	1		0.045		ì	1			1			ļ	l				
AX02-14	54680	166.19	167.69	1.50			0.040			i	1							l			LJ
	54681	100.13	107.00	 	Standard	CDN-GS-3	0.722			i					[
AX02-14		167.69	169.19	1.50			0.041		1	1	1						-				
AX02-14	54682		170.69	1.50	 	_	0.029	< 0.2	0.28	193	<10	60	0.6	<2	0.11	<0.5	3	67	14	1.55	<10
AX02-14	54683	169.19				-	0.028	-0.1	0.20	1,00									· · · · · · · · · · · · · · · · · · ·		
AX02-14	54684	170.69	172.19	1.50	 		0.030						 			i			i	†	
AX02-14	54685	172.19	173.94		ļ 		0.034			 				T						ļ 	
AX02-14	54686	173.94	175.44	1.50	<u> </u>	ļ				 				<u> </u>		 				İ	
AX02-14	54687	175.44	176.74	1.30	 	ł	0.033	-0.0	0.22	106	<10	70	0.5	<2	0.13	<0.5	3	50	19	1.67	<10
AX02-14	54688	176.74	178.24	1.50	 _	 	0.029	<0.2	0.22	186	<u> </u>	///	0.5		0.13	-0.0	 	- 30	1.0	1	<u>-</u>
AX02-14	54689	178.24	179.83	1.59			0.029	-		ļ			-	 						 	
AX02-14	54690	179.83	181.13	1.30	l	L, , ,	0.040	L	ļ	ļ	 		 	}	-			 	 	-	
AX02-14	54691	1	L		ate (interval a	s above)	0.039	L	ļ <u>.</u>					ļ	-			+	ļ <u>.</u>		
AX02-14	54692	181.13	182.88	1.75	<u> </u>	ļ	0.072		1	ļ.,	 	l		<u> </u>				<u> </u>		2 *0	
AX02-14	54693	182.88	184.38	1.50	L		0.071	<0.2	0.34	171	<10	50	0.9	<2	0.97	<0.5	8	61	72	2.72	10
AX02-14	54694	184.38	185.93	1.55	1	1	0.053		l	<u> </u>	L		L	ļ			L	 		ļ	
AX02-14	54695	185.93	187.43	1.50	Τ		0.088			L									 	ļ	
AX02-14	54696	187.43	188.98	1.55	T		0.083				L		<u> </u>						1	<u> </u>	
AX02-14	54697	188.98	190.50	1,52	l	1	0.095		T	T									L		
AX02-14	54698	190.50	192.02	1.52	1		0.089	<0.2	0.22	135	<10	50	0.5	<2	0.45	<0.5	8	46	49	2.73	10
	54699	192.02	193.52	1.50	 -	1	0.088		T		T	Ī	ľ			}		į	L		L
AX02-14		193.52	195.07	1.55	1	†	0.144	t	T		1							T -]		I
AX02-14	54700	193.52	190.07	1.55	Standard	CDN-GS-3	0.807		 		1					T	<u> </u>	1		T	
AX02-14	54701	1 - 22	400.00	1.55	Statistical	2014-03-3	0.007	<u> </u>		 	 		† · · · ·	<u> </u>		 -		1	1	T	1
AX02-14	54702	195.07	196.62		4	 	0.075	<0.2	0.21	155	<10	20	0.5	<2	1.37	<0.5	9	30	60	2.95	20
AX02-14	54703	196.62	198.12	1.50	ļ. <u></u>	 		~0.2	V.21	1-30	1 -10		4.0		· ····	 		<u> </u>		†	1
AX02-14	54704	198.12	199.62	1.50	 		0.134	 	ļ	 	 		+	 	—			 	 	 	1
AX02-14	54705	199.62	201.17	1.55		ļ <u> </u>	0.058	ļ	ļ	 	 		 	 	 	 	 		1.0	11 11 11 11 11	77.00
AX02-14	54706	1	l	1	Blank		<0.005		ļ	 	 		 	1	-		 -	 	 		
AX02-14	54707	201.17	202.72	1.55		L	0.222		1		<u> </u>	ļ <u></u>		 	 	 - ;= =			 = -	244	
AX02-14	54708	202.72	204.22	1.50	1	1	0.303	<0.2	0.31	78	<10	70	0.9	<2	2.58	<0.5	11	29	75	3,11	10
AX02-14	54709	204.22	205.72	1.50		j	0.245	L							ļ	ļ	ļ		ļ.,	 	
AX02-14	54710	205.72	207.26	1.54			0.120		1		l	<u> </u>	1		1	L	1	<u> </u>	L		L
AAV4-14	1 04110	1200.72		<u> </u>	··			•						-							

Hole	Sample	Inte	nul	Width (m)	QC Sample	Standard	Αu	Hg	К	Le	Mig	Mn	Mo	Na	ΝI	Р	Pь	\$	\$b	Sc	\$r_
Number	Number	From	Ťo		Type	Number	ppm	ppm	%	ppm	*	ppm	ррт	*	ppm	ppm	ppm	%	ррт	ppm	ррт
AX02-14	54645	117.32	118.42	1,15		***************************************	0.039	****		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											
AX02-14	54646	118.42	120.42	2.00	· · · · · · · · · · · · · · · · · · ·	The Real Property and	0.043														
AX02-14	54647	120.42	121.92	1.50			0.038											i			
AX02-14	54648	121.92	123.37	1,45		·	0.076	1 .	0,11	20	0.35	909	20	0.03	13	870	131	2.61	8	1	244
AX02-14	54649	123.37	124.97	1.60			0.031														
AX02-14	54650	124.97	126.45	1.48			0.039													i	
AX02-14	54651	126.45	128.02	1,57			0.048														
AX02-14	54652			Duplice	te (Interval as	above)	0.058													<u> </u>	
AX02-14	54653	128.02	129.52	1.50	I		0.038	<1	0.14	30	0.06	91	8	0.03	14	990	72	2.74	8	11	220
AX02-14	54654	129.52	131.06	1.54			0.060														
AX02-14	54655	131.06	132.66	1.60	i		0.036					L		ļ <u></u>	,			ļ			
AX02-14	54656	132.66	134.11	1.45			0.049														
AX02-14	54657	134.11	135.61	1.50			0.037														
AX02-14	54658	135.61	137.00	1.39	L		0.036	1	0.13	30	0.07	75	8	0.03	15	1220	48	3.03	4	1	255
AX02-14	54659	137.00	137.70	0.70			0.032			ļ								.			
AX02-14	54660	137.70	140.20	2.50			0.034			<u> </u>	ļ <u>.</u>							1.10		2	31
AX02-14	54661				Standard	CDN-GS-1	5.150	<1	0.3	20	0.8	271	1	0.07	32	540	107_	1.12	<2		31
AX02-14	54662	140.20	141.76	1.56			0.046				I			0.00		4200		2.02		 	261
AX02-14	54663	141.76	143.26	1.50	ļ		0.050	3	0.14	20	0.08	94	8	0.03	15	1290	33	2.83	4	1 1	261
AX02-14	54664	143.26	144.75	1.49	ļ		0.057			ļ		ļ		ļ	ļ			ļ	-	 	
AX02-14	54665	144.75	146.30	1.55	ļ	ļ	0.049			ļ <u> </u>	<u> </u>	-						\	 		
AX02-14	54666				Blank		<0.005					ļ						 		ł	
AX02-14	54667	146.30	147.87	1.57			0.076							0.04			30	1.73	4	<1	121
AX02-14	54668	147.87	149.35	1.48			0.088	<1	0.15	30	0.07	65	2	0.01	5	350	30	1.73	٩	 	
AX02-14	54669	149.35	150.85	1.50	ļ	.	0.129		1		 		ļ	ļ	-			 		·	
AX02-14	54670	150.85	152.40	1.55	J	<u> </u>	0.108			.			-		ļ	-	<u> </u>	 		 	
AX02-14	54671				ate (interval as	above)	0.097		ļ					1	ļ					 	
AX02-14	54672	152.40	154.35	1.95			0.068		L	 _		400	7		20	1310	41	3.43	7	1	228
AX02-14	54673	154.35	155.45	1.10	ļ		0.110	3	0.16	30	0.08	100	- '	0.03	20	1310	41	3.43	·	- '	226
AX02-14	54674	155.45	156.95	1.50	ļ. —		0.130				-			-		 	-	1	1	+	-
AX02-14	54675	156.95	158.50	1.55	L		0.119				ļ _				-		ļ <u>.</u>	 	-		
AX02-14	54676	158.50	161.00	2.50	1		0.162		ļ——	-	ļ			 	 			 		 	
AX02-14	54677	161.00	162.99	1.99	ļ	ļ	0.061		0.47	- 20	0.00	110	1	0.03	5	470	39	1.5	6	<1	220
AX02-14	54678	162.99	164.69	1.70	ļ		0.032	<1	0.17	20	0.08	110	- '- -	0.03	"	470	- 35	1.0	· · ·	 	
AX02-14	54679	164.69	166.19	1.50	ļ		0.045		 	-		ļ	 		 	-				· ·	
AX02-14	54680	166.19	167.69	1.50	1 A	60N 66 3	0.040		 	 	 		 	+	 	 	 	+	-	+	
AX02-14	54681	<u> </u>	ļ <u></u>	ļ	Standard	CDN-GS-3	0.722				 			 	+				-	 	
AX02-14	54682	167.69	169.19	1.50	ļ		0.041		0.2	20	0.05	36	6	0.08	7	290	42	1.56	3	<1	82
AX02-14	54683	169.19	170.69	1.50			0.029	<1	0.2	20	0.03	30	-	0.00	 	230	72	1.50	t	 	
AX02-14	54684	170.69	172.19_	1.50	 	 	0.028		 -		}			+	-	 	 	†		+	
AX02-14	54685	172.19	173.94	1.75						 				·				· 		†	
AX02-14	54686	173.94	175.44	1.50	l	 	0.034	 -	 	 	 -	·	 			 	 	 -	 		
AX02-14	54687	175.44	176.74	1.30	 	-	0.029	<1	0.16	30	0.04	36	4	0.08	7	390	35	1.7	3	<1	352
AX02-14	54688	176.74	178.24	1.50	 	 	0.029		0.10	1 30	1 0,07	- VV	- -	- 0.00	<u> </u>	1		† · · · ·	 	 	T
AX02-14	54689	178.24	179.83	1.59	i		0.029		+	 	 			 	1	1	 		1		
AX02-14	54690	179.83	181.13	1.30	ate (interval a	E shows\	0.040		 	 	 	 	 	1	 	 	<u> </u>	t	1	1	$\overline{}$
AX02-14	54691	10: 10	400.00		are furetonia	accove)	0.039		 	 	—	1	 	1	1	1	r	1	T	1	
AX02-14	54692	181.13	182.88	1.75	 	1	0.072	<1	0.29	50	0.39	828	6	0.06	14	1080	50	2.94	6	1	1170
AX02-14	54693	182.88	184.38		+	+	0.053		0.25		1-0.00	1 22	† · · · •	1	1	1	<u> </u>		† ··· ·	1	
AX02-14	54694	184.38	185.93	1.55	 	+	0.033		+	 		†	 		1	<u> </u>		1	T	1	T
AX02-14	54695	185.93	187.43	1.50	1	+	0.083		+	 	 		t	 	1			1	Ι'	T	
AX02-14	54696	187.43	188.98	1.52	 	 	0.003	 	+	†	 	<u> </u>	 	†	1		t		1	Ť	1
AX02-14	54697	188.98	190.50	1.52	1	+	0.089	<1	0.17	40	0.12	298	10	0.06	17	1110	48	2.88	4	1	414
AX02-14	54698	190.50	192.02		+	+	0.088	 '	1	1 70	1	1	1			T			1		T
AX02-14	54699	192.02	193.52	1.50	 	1	0.144	 	+	+	1	 	1	1	†	1	T				1
AX02-14	54700	193.52	195.07	1.55	Standard	CDN-GS-3	0.807	 	1	 	+	 	†	†	<u> </u>	t	 	1	1	1	T
AX02-14	54701	105.00	400.00	1	Statitual C	1004-03-3	0.088		 	+ · · · ·	1	 	———	·	t	†	1	1	T		T
AX02-14	54702	195.07	196.62	1.55	 	+ · · · · · · · · · · · · · · · · · · ·	0.075	<1	0.16	40	0.6	1430	15	0.04	19	1120	45	3.24	4	1	420
AX02-14	54703	196.62	198.12	1.50	+	+	0.078	+ `'	3.10	1 70	1.5	1	 	1	† <u>. </u>		1	1	T		1
AX02-14	54704	198.12	199.62			 	0.134	 	+	+	 	 	1		 	†	 	1	1	1	1
AX02-14	54705	199.62	201.17	1.55	Blank	 	<0.005		 	ļ	 	 	†	T .	 	 	†···	1	 	1	1
AX02-14	54706	1	1 000 35	1	Biank	1	0.222	 	+	+	 	+	1	+		 	 	1	 	,	
AX02-14	54707	201.17	202.72	1.55	 		0.222	<1	0.26	60	1.27	1070	2	0.04	12	1750	36	1.96	4	2	991
AX02-14	5470B	202.72	204.22	1.50		 	0.303		0.20	1 00	1.27	1070		3.04	, <u>, , , , , , , , , , , , , , , , , , </u>	1	T	7.00	1	T	1
AX02-14	54709	204.22	205.72	1.50		+	0.120	+	+	+	+	1	-	 	 		 	+	1	 	1
AX02-14	54710	205.72	207.26	1,54			0.120	1			<u> </u>				-	1	1		-	-	

Rubicon Minerals Corporation

Hole	Sample	Inte	eval	Width (m)	QC Sample	Standard	Áu	Ťi	TI	- u I	Ÿ	w	Žn
Number	Number	From	To	vviouv (m)	Type	Number	ppm	У.	ppm	ррт	ppm	ppm	ppm
AX02-14	54645	117.32	118,42	1.15			0.039						
AX02-14	54646	118.42	120.42	2.00			0.043						
AX02-14	54647	120.42	121.92	1.50			0.038						
AX02-14	54648	121.92	123.37	1.45			0.078	<0.01	<10	<10	5	<10	258
AX02-14	54649	123.37	124.97	1.60			0.031						
AX02-14	54650	124.97	126.45	1.48			0.039						
AX02-14	54651	126.45	128.02	1.57	te (interval as	ahova)	0.058						
AX02-14 AX02-14	54652 54653	128.02	129.52	1.50	re fullerani ez	accove)	0.038	<0.01	<10	<10	4	<10	115
AX02-14	54654	129.52	131.08	1.54			0.060	10.01		- 1,0		- 10	.,,
AX02-14	54655	131.06	132.66	1.60			0.036						
AX02-14	54656	132.66	134.11	1.45			0.049						
AX02-14	54657	134.11	135.61	1.50			0.037						
AX02-14	54658	135.61	137.00	1.39			0.036	<0.01	<10	<10	5	<10	48
AX02-14	54659	137.00	137.70	0.70			0.032						
AX02-14	54660	137.70	140.20	2.50		2011.00.1	0.034	0.04	<10	<10	29	10	41
AX02-14	54661			4.50	Standard	CDN-GS-1	5.150	0.04	<10	×10	29	10	41
AX02-14	54662	140.20	141.76	1.56 1.50			0.046 0.050	<0.01	<10	<10	4	<10	25
AX02-14	54663	141.76	143.26 144.75	1.49			0.057	20.01	10		-	*10	2.5
AX02-14 AX02-14	54664 54665	143.26 144.75	146.30	1.55			0.049						
AX02-14 AX02-14	54566	194.73	140.00	7.00	Blank		<0.005						
AX02-14	54667	146.30	147.87	1.57			0.076						
AX02-14	54668	147.87	149.35	1.48			0.088	<0.01	<10	<10	2	<10	9
AX02-14	54669	149.35	150.85	1.50			0.129						
AX02-14	54670	150.85	152.40	1.55			0.108						
AX02-14	54671				te (interval as	above)	0.097						
AX02-14	54672	152,40	154.35	1.95			0.066		-40			-40	22
AX02-14	54673	154.35	155.45	1.10			0.110	<0.01	<10	<10	5	<10	33
AX02-14	54674	155.45	156.95	1.50			0.130			-			
AX02-14	54675	156.95	158.50 161.00	1.55 2.50			0.162				-		
AX02-14 AX02-14	54676 54677	158.50 161.00	162.99	1.99			0.061		-				
AX02-14	54678	162.99	164.60	1.70	·		0.032	<0.01	<10	<10	2	<10	49
AX02-14	54679	164.69	166.19	1.50	l		0.045						
AX02-14	54680	166.19	167.69	1.50			0.040						
AX02-14	54681				Standard	CDN-GS-3	0.722						
AX02-14	54682	167.69	169.19	1.50			0.041						
AX02-14	54683	169.19	170.69	1.50			0.029	<0.01	<10	150	3	<10	50
AX02-14	54684	170.69	172.19	1,50			0.028						
AX02-14	54685	172.19	173.94	1.75			0.030 0.034	-					
AX02-14	54686	173.94 175.44	175.44 176.74	1.50	-		0.033	 		 -	r		
AX02-14 AX02-14	54687 54688	175.44	178.24	1.50			0.033	<0.01	<10	150	3	<10	49
AX02-14 AX02-14	54689	178.24	179.83	1.59	 		0.029	1		<u> </u>			
AX02-14	54690	179.83	181.13	1.30	·	<u> </u>	0.040	t 					
AX02-14	54691		1		ite (interval as	above)	0.039						
AX02-14	54692	181.13	182.88	1.75	I		0.072						
AX02-14	54693	182.88	184.38	1.50			0.071	<0.01	<10	200	11	<10	75
AX02-14	54694	184.38	185.93	1.55			0.053	ļ .	 	-			
AX02-14	54695	185.93	187.43	1.50		L	0.088	ļ					<u> </u>
AX02-14	54696	187.43	188.98	1.55	<u> </u>	 	0.083			 	 		
AX02-14	54697	188.98	190.50	1.52		<u> </u>	0.095	<0.01	<10	130	6	<10	67
AX02-14	54698	190.50	192.02	1.52		ļ	0.089	1 .0.01	~10	130	- °	-10	3,
AX02-14	54699	192.02 193.52	193.52 195.07	1.50 1.55		 	0,144	 	 	·	-		···-
AX02-14 AX02-14	54700 54701	193.52	180.07	1.33	Standard	CDN-GS-3	0.807	 	 	 	t		
AX02-14 AX02-14	54702	195.07	196.62	1.55			0.088	1	l	t	l	· · · · · · ·	
AX02-14	54703	196.62	198.12	1.50		-	0.075	<0.01	<10	90	8	<10	57
AX02-14	54704	198.12	199.62	1.50	<u> </u>		0.134		I	<u> </u>			
AX02-14	54705	199.62	201.17	1.55			0.058		L				
AX02-14	54706		<u> </u>		Blank		<0.005		L				ļ
AX02-14	54707	201.17	202.72	1.55			0.222	L			l	ļ <u></u>	
AX02-14	54708	202.72	204.22	1.50	ļ	—	0.303	<0.01	<10	60	16	<10	70
AX02-14	54709	204.22	205.72	1.50	L		0.245	 			 		
AX02-14	54710	205.72	207.26	1.54	J	I	0.120	L	L	I	L	L	L

				Width (m)	QC Sample	Standard	Au	Ag	Āl	As	В	Ba	Be	BI	Ca	Cd	Co	Cr	Cu	Fe	Gı
Hole	Sample Number	From	val To	Tanain hal	Type	Number	ppm		*	ppm	ppm	ррп	ppm	рргч	*	ррт	ppm	ppm	ppm	%	ppm
AX02-14	54711			Duplica	te (Interval as	above)	0.129														
AX02-14	54712	207.26	208.76	1.50			0.163								- 11						
AX02-14	54713	208.76	210.31	1.55			0.075	<0.2	0.21	139	<10	60	0.8	<2	2.2	<0.5	9	27	68	2.89	10
AX02-14	54714	210.31	211.91	1.60			0.058				-										
AX02-14	54715	211,91	213.36	1.45			0.044														
AX02-14	54716	213.36	214.84	1.48			0.070														
AX02-14	54717	214.84	216.41	1.57			0.183	<0.2	0.58	171	<10	70	1.4	<2	3.12	<0.5	13	26	75	3.11	10
AX02-14	54718	216.41 217.91	217.91	1.57			0.143	10.2	0.00			<u> </u>			-:						
AX02-14 AX02-14	54719 54720	219.48	220.98	1.50			0.168														
AX02-14	54720	219.40	220.80	1.00	Standard	CDN-GS-3	0.743				<u> </u>										
AX02-14	54722	220.98	222.50	1.52		7.7	0.160														
AX02-14	54723	222.50	224.05	1.55			0.256	0.4	0.33	257	<10	40	1.5	8	3.53	<0.5	12	60	88	3.22	<10
AX02-14	54724	224.05	225.55	1.50	i	i i	0.206				<u> </u>										,i
AX02-14	54725	225.55	227.05	1.50			0.202		_			ļ									
AX02-14	54726	227.05	228.60	1.55			0.154	_							<u> </u>						
AX02-14	54727	228.60	230.10	1.50			0.092					50	0.9		105	-0 E	10	39	57	2.71	<10
AX02-14	54728	230.10	231.65	1.55			0.068	0.4	0.31	211	<10	50	8.0	4	1.05	<0.5	10		- 31	4.11	~10
AX02-14	54729	231.65	233.15	1.50	l		0.055	-	-		-			-							
AX02-14	54730	233.15	234.80	1.65	<u> </u>	l	0.095	-	ļ	ļ	ļ			 	-	l.——			-	 	
AX02-14	54731	 1			ite (interval as	above)	0.041														
AX02-14	54732	234.80	236.20	1.40	 -	 -	0.050	0.2	0.29	120	<10	70	0.6	<2	0.23	<0.5	4	62	29	1.55	<10
AX02-14	54733	236.20	237.74	1.50			0.051	0.2	0.20											1	
AX02-14	54734	237.74 239.24	239.24	1.55		-	0.023		 												
AX02-14	54735		242.29	1.50			0.050		† 		Ť.										
AX02-14	54736 54737	240.79 242.29	243.84	1.55			0.026	ł 			l —	· ·									
AX02-14 AX02-14	54738	243.84	245.34	1.50			0.030	0.2	0.21	87	<10	80	<0.5	7 _	0.43	<0.5	3	43	12	1.33	<10
AX02-14	54739	243.04	140.04	 	Standard	CDN-GS-2	1,565	0.5	1.4	9	10	140	<0.5	<2	0.92	<0.5	12	376	38	2.32	<10
AX02-14	54740	245.34	246.89	1.55			0.037]	I					ļ		ļ. <u> — </u>				
AX02-14	54741	246.89	248.39	1.50	-		0.030		I			<u></u>			ļ						
AX02-14	54742	248.39	249.94	1.55			0.053				ļ						ļ	10	12	1.37	<10
AX02-14	54743	249.94	251.44	1.50		<u> </u>	0.027	0.2	0.26	91	<10	50	<0.5	8	0.48	<0.5	4	42	12	1.37	10
AX02-14	54744			Ţ <u> </u>	Blank		<0.005	ļ			ļ <u>.</u>	 		 			-				
AX02-14	54745	251.44	252.98	1.54			0.022	ļ		 -	+									 	<u> </u>
AX02-14	54746	252.98	254.53	1.55		ļ	0.030	ļ. 	 	 	 	-			 	 					
AX02-14	54747	254.53	256.03	1.50	ļ	 	0.022	0.3	0.4	159	10	70	<0.5	<2	0.32	<0.5	4	64	21	1.76	<10
AX02-14	54748	256.03	258.38	2.35	i ate (Interval a:	r ebove)	0.045	0.5	0.4	100-	 	1		·							
AX02-14	54749	250.20	260 50	2.20	I (HICE SAI A	I	0.085			· · · · · · · · · · · · · · · · · · ·				1							
AX02-14 AX02-14	54750 54751	258.38 260.58	260.58 262.13	1.55	j	 	0.040	 	† · · · ·	T	T-'-										
AX02-14 AX02-14	54752	262.13	263.63	1.50	 	——	0.076	1	T			I			ļ					L	
AX02-14	54753	263.63	265.18	1.55	† 		0.068	0.7	0.34	354	<10	20	0.5	4	0.41	<0.5	13	33	81	3.3	<10
AX02-14	54754	265.18	266.38	1.20	1	I	0.064					L		ļ				ļ		 	
AX02-14	54755	266.38	268.22	1.84			0.080				ļ		1		 	ļ	ļ	<u> </u>	ļ		
AX02-14	54756	268.22	269.50	1.28		I	0.102	L	<u> </u>	.	ļ	 -		 	 	-	 	 	 	 	
AX02-14	54757	269.50	271.27	1.77			0.055	ļ			 	 		-	 	 	-	 		 	1
AX02-14	54758	271.27	274.32	3.05	<u> </u>	001: -5 -	0.082	400	1,13		<10	100	<0.5	<2	0.83	<0.5	7	84	29	2.18	10
AX02-14	54759			· · · · · · · · · · · · · · · · · · ·	Standard	CDN-GS-3	0 125-	<0.2	1.13	\ -	1	1		·	1 - 5.05		'	1		†- 	1
AX02-14	54760	274.32	275.82	1.50	 	ļ. — —	0.125		+	 	 	 	·	†	 		 	†			
AX02-14	54761	275.82	277.37	1.55	. 	 -	0.038	 	+	 	+	†	 		 	 		1		1	l
AX02-14	54762	277.37	278.87	1.50	 	+	0.038	 	1	+				1	1						
AX02-14	54763	278.87	280.42 281.92	1.50	+	 -	0.042	<0.2	0.23	192	<10	30	<0.5	2	1.17	<0.5	10	25	90	2.75	10
AX02-14	54764	280.42 281.92	281.92 283.46	1.54	 	t	0.039	1	1	1										L	ļ
AX02-14	54765 54766	283.46	284.96	1.50	 	· · · · · ·	0.078		1			1				L		1			1
AX02-14 AX02-14	54767	284.96	286.51	1.55	1	· 	0.044	1	T		T				J			<u> </u>	 	ļ	ļ
AX02-14	54768	286.51	288.01	1.50	1	1	0.095										ļ				L
AX02-14	54769	200.01			ate (Interval a	s above)	0.115	0.4	0.16	199	< 10	40	<0.5	3	0.49	<0.5	12	16	141	3.55	<10
AX02-14	54770	288.01	289.56	1.55	1		0.079	I	1		<u> </u>	<u> </u>	ļ		 	1	1	 	ļ	-	
	OH	1		T			<u> </u>						L	<u> </u>		<u> </u>	<u> </u>	1	<u> </u>	<u> </u>	Щ.
		· · · · · · · · · · · · · · · · · · ·	<u> </u>								_										

Axelgold 2002 Drilling Program

Hole	Sample	lote	rval	Width (m)	QC Sample	Standard	Au	Hg	K	La	Mg	Mn	Mo	Na	Ni	Р	PЬ	S	Sb	\$c	Sr .
Mumber	Mumber	From	To	77,547,547	Type	Number	ppm	ppm	%	ppm	*	ppm	ppm	×	ppm	ppm	ppm	*	ppm	ppm	ppm
AX02-14	54711			Dunte	te (interval as	ahove)	0.129										-				
		207.26	208.76	1.50	to (mior vo) as		0.163									1					
AX02-14	54712		210.31	1.55			0.075	<1	0.17	40	0.95	1125	6	0.05	13	1260	54	2.79	5	1	727
AX02-14	54713	208.76	211.91	1.60			0.058		- 0,												
AX02-14	54714						0.044		-					1							
AX02-14	54715	211.91	213.36	1.45			0.070					- -	-								
AX02-14	54716	213.36	214.84				0.183		 					-							
AX02-14	54717	214.84	216.41	1.57	!		0.183	<1	0.51	60	1.29	959	<1	0.04	13	2010	42	1,98	5	2	1115
AX02-14	54718	216.41	217.91	1.50			0.143		V.51		1.2.5					20.0		- 1/33			
AX02-14	54719	217.91	219.48	1.57	<u></u>		0.143	 	 		 	 		1		- i					
AX02-14	54720	219.48	220.98	1.50	Standard	CDN-GS-3	0.743			-											
AX02-14	54721				Standard	CUN-05-3	0.160		 		 										
AX02-14	54722	220.98	222.50	1.52	<u> </u>			<1	0.25	30	1.77	2020	6	0.04	13	1700	67	3.57	6	2	674
AX02-14	54723	222.50	224.05	1.55			0.256		0.23	30	1.77	2020	-	1 0.04	- 13	1700			·		
AX02-14	54724	224.05	225.55	1.50			0.206		ļ <u>-</u>		 	-		ļ			-				
AX02-14	54725	225.55	227.05	1.50			0.202		 	<u> </u>	ļ			!							
AX02-14	54726	227.05	228.60	1.55			0.154	ļ	ļ <u> </u>	 	+		 	 							
AX02-14	54727	228.60	230.10	1.50	ļ	ļ	0.092	 	0.05		0.26	447	9	0.05	15	1000	40	3.09	4	1	561
AX02-14	54728	230.10	231.65	1.55		ļ	0.068	1	0.25	20	V.20	441	۳	0.00	10	1000	70	0.08			
AX02-14	54729	231.65	233.15	1.50	<u> </u>		0.055		 		1			 	ļ-						
AX02-14	54730	233.15	234.80	1.65	L.,	L	0.095	ļ		ļ	·	1	 	 		 			-		
AX02-14	54731		I		ate (interval as	above)	0.121		<u> </u>			ļ	ļ. <u></u>			 					
AX02-14	54732	234.80	236.20	1.40			0.041	<u> </u>	L	L	 -			0.00		400	46	1.66	4	<1	133
AX02-14	54733	236.20	237.74	1.54		L	0.050	<1	0.23	20	0.06	86	7	0.05	8	430	46	1.00	4	-1	133
AX02-14	54734	237.74	239.24	1.50		l	0.051		ļ		ļ	ļ	ļ								·
AX02-14	54735	239.24	240.79	1.55			0.023		J	<u> </u>				<u> </u>							
AX02-14	54736	240.79	242.29	1.50			0.050		L	<u> </u>	.		ļ								
AX02-14	54737	242.29	243.84	1.55			0.026			L				<u> </u>							
AX02-14	54738	243.84	245.34	1.50			0.030	1	0.17	20	0.05	129	5	0.05	6	230	40	1.48	3	<1	216
AX02-14	54739		1		Standard	CDN-GS-2	1.565	<1	0.15	<10	0,71	499	10	0.14	207	550	20	0.06	<2	4	53
AX02-14	54740	245.34	246.89	1.55			0.037				<u> </u>			.l							
AX02-14	54741	246.89	248.39	1.50	1		0.030		T				<u> </u>	ļ		1					
AX02-14	54742	248.39	249.94	1.55	·	T	0.053		1	T	ì							L	<u> </u>		
AX02-14	54743	249.94	251.44	1.50	t		0.027	<1	0.19	20	0.09	146	32	0.05	6	480	34	1.55	4	<1	120
AX02-14	54744	245.54		7.00	Blank	i -	< 0.005	i					Γ	1		l					
AX02-14	54745	251.44	252.98	1.54	† · · · · · · · · ·	†	0.022		1			I		İ							
AX02-14	54746	252.98	254.53	1.55	 		0.030					T				Į		L			L
		254.53	256.03	1.50		· ·	0.022						Ŧ								
AX02-14	54747		258.38	2.35			0.039	<1	0.33	20	0.07	100	21	0.02	6	440	76	1.99	6	<1	330
AX02-14	54748	256.03	230.30		ate (interval a:	s shove)	0.045				1			1		1					
AX02-14	54749	258.38	260.58	2.20	T (Site 1 value)	1	0.085			-						T					
AX02-14	54750		262.13	1.55	 	 	0.040	 			†		1								
AX02-14	54751	260.58		1.50	+	· 	0.076		 	 				1		1					
AX02-14	54752	262.13	263.63		 	 	0.068	2	0.27	20	0.05	93	96	0.01	22	1330	60	3.79	10	1	357
AX02-14	54753	263.63	265.18	1.55	 	 	0.064		V.E.		1	 	1	1	 	1		1	T	I	
AX02-14	54754	265.18	266.38		·	 	0.080	 	+	 	1	 	 				i	1		T	Ī
AX02-14	54755	266.38	268.22	1.84	 		0.102	+	+	 	†	 	1	 	 	T				T	
AX02-14	54756	268.22	269.50	1.28	·	 	0.102	 	+	 	 	1	 	1	· · · · ·	 	1		1		
AX02-14	54757	269.50	271.27	1.77	+		0.082	 	+	 	+	1		1	1	1		1			
AX02-14	54758	271.27	274.32	3.05	Nondo-3	CDN CC 3	0.004	<1	0.11	10	0.68	443	6	0.09	20	560	13	0.1	2	3	41
AX02-14	54759	L	J		Standard	CDN-GS-3	0.435	 `! -	- 0.11	1 10	1	+	 	+		1	 			† <u> </u>	
AX02-14	54760	274.32	275.82	1.50	4	 	0.125	 	 	 	+	 -	1	 	 	 			 	† — —	1
AX02-14	54761	275.82	277.37	1.55			0.058		+	 	 	+	+	+	 -	 	· · · ·		†··	 	
AX02-14	54762	277.37	278.87	1.50		↓	0.047	+	4	+		 	+	+	 	 -	 	 	 	t	
AX02-14	54763	278.87	280.42	1.55	1	ļ	0.038		0.40	70	0.24	380	37	0.01	15	1230	43	3.07	9	1	303
AX02-14	54764	280.42	281.92	1.50	.		0.042	1	0.18		0.24	300		0.01	10	1230	- " "	3.07	+ -	 `	1
AX02-14	54765	281.92	283.46	1.54	ļ		0.039	ļ	-	_	 	+			1		 	 		 	
AX02-14	54766	283.46	284.96	1.50	L	l	0.078		ļ <u> </u>	- 		 	1			1	 	 	 	 	\vdash
AX02-14	54767	284.96	286.51	1.55			0.044		4	 		 		4	ļ	ļ	 		 	-	
AX02-14	54768	286.51	288.01	1.50			0.095	<u> </u>	. ļ			1	 	H	 	1-15		1 351			221
AX02-14	54769	1	1	Duple	ate (interval a	s above)	0.115	1	0.14	30	0.15	189	15	0.01	19	1390	49	3.91	16	<1	221
AX02-14	54770	288.01	289.56	1.55	1		0.079			1			<u> </u>			ļ			 	 	├
	OH STATE	1	T	1	<u> </u>				1			<u> </u>			1		<u> </u>		<u> </u>		<u></u>
																		·			

Hole	Sample	Inte	rval	Width (m)	QC Sample	Standard	Au	TI	ŤI	U	V	w	Zn
Number	Number	From	To	-1-7	Туре	Number	ppm	- X	ppm	ppm	ppm	ppm	ppm
AX02-14	54711			Duplice	te (interval as	above)	0.129						
AX02-14	54712	207.26	208.76	1.50			0.163						
AX02-14	54713	208.76	210.31	1.55			0.075	< 0.01	<10	90	13	<10	87
AX02-14	54714	210.31	211.91	1,60			0.058			<u> </u>	ļ	l	
AX02-14	54715	211.91	213.36	1.45			0.044				ļ		
AX02-14	54716	213.36	214.84	1.48			0.070	ļ			 	ļ	
AX02-14 AX02-14	54717 54718	214.84 216.41	216.41 217.91	1.57			0.183 0.183	0.02	<10	100	32	<10	113
AX02-14	54719	217.91	219.48	1.57		·i	0.163	0.02	<10	100_	- 32	×10	113
AX02-14	54720	219.48	220.98	1.50		·	0.168			 	 		
AX02-14	54721	213,40	220.50	1.50	Standard	CDN-GS-3	0.743			 	 	_	
AX02-14	54722	220.98	222.50	1.52	0.00.00.0	0011.000	0.160			 	 	 -	
AX02-14	54723	222.50	224.05	1 55	•		0.256	< 0.01	<10	10	14	10	125
AX02-14	54724	224.05	225.55	1.50			0.206				-		120
AX02-14	54725	225.55	227.05	1.50			0.202			- "			
AX02-14	54726	227.05	228.60	1.55			0.154			 			
AX02-14	54727	228.60	230.10	1.50			0.092			1			
AX02-14	54728	230.10	231.65	1.55			0.068	<0.01	<10	10	ß	10	61
AX02-14	54729	231.65	233.15	1.50			0.055					I	
AX02-14	54730	233.15	234.80	1.65			0.095						
AX02-14	54731	l			te (interval as	above)	0.121				L]	
AX02-14	54732	234.80	236.20	1.40			0.041					<u> </u>	
AX02-14	54733	236.20	237.74	1.54			0.050	<0.01	<10	10	4	10	60
AX02-14	54734	237.74	239.24	1.50			0.051				ļ	ļ	
AX02-14	54735	239.24	240.79	1.55			0.023						
AX02-14	54736	240.79	242.29	1.50			0.050			ļ		 	
AX02-14	54737	242.29 243.84	243.84 245.34	1.55 1.50		[0.026	<0.01	<10	10	2	10	
AX02-14 AX02-14	54738 54739	243.84	245.34	1.50	Standard	CDN-GS-2	1.565	0.12	<10	<10	56	10	56 67
AX02-14	54740	245.34	246.89	1.55	Stariosio	CUN-03-2	0.037	0.12		- 10		-	- 01
AX02-14 AX02-14	54741	246.89	248.39	1.50			0.037			 	 	 -	
AX02-14	54742	248.39	249.94	1.55			0.053			ļ		 -	
AX02-14	54743	249.94	251,44	1.50		-	0.027	<0.01	<10	10	2	10	21
AX02-14	54744	2.0.0.	201,44	1.00	Blank		<0.005	-0.07				 -	
AX02-14	54745	251.44	252.98	1.54			0.022						
AX02-14	54746	252.98	254.53	1.55			0.030						
AX02-14	54747	254.53	256.03	1.50			0.022			1	· · · · · · · · · · · · · · · · · · ·		
AX02-14	54748	256.03	258.38	2.35			0.039	<0.01	<10	10	3	10	16
AX02-14	54749	<u> </u>		Duplica	te (interval as	above)	0.045						
AX02-14	54750	258.38	260.58	2.20]	0.085						
AX02-14	54751	260.58	262.13	1.55			0.040				<u> </u>		
AX02-14	54752	252.13	253.53	1.50			0.076	<u> </u>			 		l
AX02-14	54753	263.63	265.18	1,55			0.068	<0.01	<10	10	7	10	25
AX02-14	54754	265.18	266.38	1.20			0.064						
AX02-14	54755	266.38	268.22	1,B4		 	0.080	ļ . 	<u> </u>	ļ	 	ļ	
AX02-14	54756	268.22 269.50	269.50 271.27	1,77			0.102			·			
AX02-14	54757	271.27	274.32	3.05			0.055			 		 	-
AX02-14 AX02-14	54758 54759	211.21	214.32	3,03	Standard	CDN-GS-3	0.002	0.09	<10	<10	46	<10	46
AX02-14 AX02-14	54759	274.32	275.82	1.50	JIEI NOTU	CD14-03-3	0.125	0.05	`10	1	" "	110	40
AX02-14	54761	275.82	277.37	1.55			0.058			+			
AX02-14	54762	277.37	278.87	1.50			0.047						
AX02-14	54763	278.87	280.42	1.55			0.038		·-···		† · · · · · · · ·		·
AX02-14	54764	280.42	281.92	1.50		_	0.042	<0.01	<10	240	4	<10	19
AX02-14	54765	281.92	283.46	1.54		1	0.039						
AX02-14	54766	283.46	284.96	1.50			0.078						
AX02-14	54767	284.96	286.51	1.55		j	0.044		_	1	I		
AX02-14	54768	286.51	288.01	1.50			0.095						
AX02-14	54769				te (interval as	above)	0.115	<0.01	<10	200	3	<10	31
AX02-14	54770	288.01	289.56	1.55			0.079			L			
EC)H										L		

Hote	Sample	Inte	rval	Width (m)	QC Sample	Standard	Äu	Ag	Al	As	9	Ðа	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Number	Number	From	To		Туре	Number	ррт	ppm	%	ppm	ppm	ppm	ppm	ppm	×	ppm	ррт	ppm	ppm	%	ppm
AX02-15	54820	1.83	5.00	3.17			0.037								ļ	ļ					
AX02-15	54821	5.00	6.70	1.70			0.032	<0.2	0.37	74	<10	130	0.7	<2	0.05	<0.5	2 .	50	11	1.26	<10
AX02-15	54822	6.70	10.10	3.40			0.105			l											
AX02-15	54823	10.10	12.70	2.60			0.069				ļ		1		<u> </u>						
AX02-15	54824				Standard	CDN-GS-2	1.645	0.5	1.24	7	10	130	<0.5	<2	0.85	<0.5	11	323	37	2.25	<10
AX02-15	54825	12.70	13.85	1.15			0.035		l	L								1			
AX02-15	54826	13.85	17.45	3.60			0.037	0.5	0.52	137	<10	30	1 1	9	1.02	<0.5	9	23	70	3.08	<10
AX02-15	54827	17.45	20.00	2.55	[0.023			1	<u> </u>									, <u>.</u>	
AX02-15	54828	20.00	20.15	0.15	··		0.402				ļ			ļ				 			
AX02-15	54829				Blank		< 0.005	<0.2	0.6	7	10	130	<0.5	<2	0.37	<0.5	4	76	10	1.15	<10
AX02-15	54830	20.15	21.00	0.85			0.048				ļ			ļ			ļ		ļ <u></u> _		
AX02-15	54831	21.00	22.30	1.30			0.017	0.2	0.4	56	<10	80	0.5	<2	0.21	<0.5	3	35	9	1.6	<10
AX02-15	54832	22.30	23.26	0.96			0.014		<u> </u>		ļ			ļ				ļ	<u> </u>	ļ	
AX02-15	54833	23.26	24.20	0.94			0.008				ļ			L				ļ			
AX02-15	54834			Duplica	ite (Interval as	above)	0.008	0.2	0.27	42	<10	80	0.5	<2	0.19	<0.5	3	41_	8	1.35	<10
AX02-15	54835	24.20	26.50	2.30			0.01			<u> </u>	ļ <u></u>			ļ		ļ	ļ	.			
AX02-15	54836	26.50	29.70	3.20			0.013			1			!	ļ	ļ	<u> </u>	ļ	↓			
AX02-15	54837	29.70	30.57	0.87		-	0.012			l					ļ	ļ	ļ	ļ <u> </u>	 	<u> </u>	
AX02-15	54838	30.57	32.70	2.13]	0.011						ļ	<u> </u>	ļ		<u> </u>	 		2.79	<10
AX02-15	54839	32.70	34,40	1.70	1		0.037	0.7	0.38	122	10	40	1.2	<2	0.76	<0.5	ļ <i>7</i> -	22	55	2.79	<10
AX02-15	54840	34.40	37.45	3.05			0.019			<u> </u>	ļ <u>. </u>						ļ	·		ļ	
AX02-15	54841	37.45	41.00	3.55			0.047			ļ		ļ			↓	<u> </u>	\		ļ.——	 	
AX02-15	54842	41.00	43.80	2.80			0.134		ļ				-	1			·	 		 	
AX02-15	54843	43.80	45.40	1.60			0.055			ļ <u>.</u>				.		.0.5	 - 	65	75	7.01	<10
AX02-15	54844				Standard	CDN-GS-1	5.14	1,1	1.67	84	<10	70	<0.5	3	0.74	<0.5	9	65	/ /5	7.01	<u> </u>
AX02-15	54845	45.40	48.77	3.37			0.306			↓			1	 	<u> </u>	ļ	 	-	ļ	}-	
AX02-15	54846	48.77	51.82	3.05	L	l	0.117		L	ļ	1		-	1			ļ	 	 	 	
AX02-15	54847	51.82	54.86	3.04			0.009			1			ļ	 	ļ	 	 	+	 	1	
AX02-15	54848	54.86	57.91	3.05	l		0.01		ļ	·	1		ļ	-			16	145	62	3.08	<10
AX02-15	54849	57.91	60.96	3.05	I		<0.005	<0.2	1.27	41	<10	50	<0.5	2	3.36	<0.5	16	145	62	3.06	1 210
AX02-15	54850	60.96	64.01	3.05		l	0.005			ļ	4		1	1	ļ	1	-	 		 	
AX02-15	54851	64.01	67.05	3.04			< 0.005			ļ	<u> </u>			-	1	ļ	ļ	ļ . —	 	ļ	
AX02-15	54852	67.05	70.10	3.05	1	l	<0.005		↓		ļ	ļ	1	ļ	i	1	ļ	+	ļ	 	
AX02-15	54853	70.10	73.15	3.05			0.005		L	ļ	<u> </u>		 	 	L	I	ļ	104		3.08	<10
AX02-15	54854	1		Duplic	ate (interval a	s above)	0.007	0.2	1.31	98	10	60	0.8	<2	1,99	<0.5	14	124	69	3.08	10
AX02-15	54855	73.15	75.59	2,44			0.005		<u> </u>		ļ	L	1	i	L	<u> </u>	1	L	1	L	L
	OH .	 	1	1		I															

Axelgold 2002 Drilling Program

Hole	Sample	Inte	rval	Width (m)	QC Sample	Standard	Au	Hg	К	La	Mg	Mn	Mo	Na	Ni	P	Pb	\$	\$b	Sc	Sr
Number	Number	From	To		Туре	Number	ppm	ppm	*	ppm	%	ppm	ррт	*	ppm	ppm	ppm	%	ppm	ppm	ppm
AX02-15	54820	1.83	5.00	3.17			0.037														Í
AX02-15	54821	5.00	6.70	1.70			0.032	<1	0.26	30	0.05	49	4	0.04	5	210	67	1.12	7	<1	81
AX02-15	54822	6.70	10.10	3.40			0.105		i						l						
AX02-15	54823	10.10	12.70	2.60			0.069														
AX02-15	54824				Standard	CDN-GS-2	1.645	2	0,11	<10	0.68	483	10	0.09	206	600	25	0.06	<2	4	48
AX02-15	54825	12.70	13.85	1.15			0.035						İ								
AX02-15	54826	13.85	17.45	3.60			0.037	3	0.38	60	0.39	694	40	0.02	15	1530	171	3.51	23	2	254
AX02-15	54827	17.45	20.00	2.55	I -		0.023						1								
AX02-15	54828	20.00	20.15	0.15			0.402										ľ				
AX02-15	54829			i	Blank		<0.005	×1	0.18	10	0.53	155	3	0.03	9	270	7	0.06	2	1	11
AX02-15	54830	20.15	21.00	0.85			0.048										l				L
AX02-15	54831	21.00	22.30	1.30			0.017	<1	0.32	30	0.1	116	23	0.01	6	390	66	1.74	7	<1	147
AX02-15	54832	22.30	23.26	0.96			0.014					1				l					1
AX02-15	54833	23.26	24.20	0.94			0.008									L]	
AX02-15	54834			Duplica	ate (interval as	s above)	0.008	· <1	0.22	20	0.08	84	10	0.03	5	330_	85	1.44	- 6	<1	114
AX02-15	54835	24.20	26.50	2.30			0.01				I										
AX02-15	54836	26.50	29.70	3.20			0.013		L							<u> </u>					
AX02-15	54837	29.70	30.57	0.87			0.012														
AX02-15	54838	30.57	32.70	2.13	Ĭ		0.011					I		ŀ	1		ļ				
AX02-15	54839	32.70	34.40	1.70	1		0.037	1	0.26	20	0.25	371	19	0.04	12	1560	88	3.11	13	i	468
AX02-15	54840	34.40	37.45	3.05		T	0.019		[İ	1				
AX02-15	54841	37.45	41.00	3.55			0.047				Ĭ		I				I				
AX02-15	54842	41.00	43.80	2.80			0.134		l												
AX02-15	54843	43.80	45.40	1.60			0.055									l	L			L	
AX02-15	54844				Standard	CDN-GS-1	5.14	1	0.29	10	0.78	269	2	0.07	32	500	111	1.13	2	3	43
AX02-15	54845	45.40	48.77	3.37			0.306										ļ				
AX02-15	54846	48.77	51.82	3.05	1		0.117			[1			l		i	[]			
AX02-15	54847	51.82	54.86	3.04			0.009														
AX02-15	54848	54.86	57.91	3.05			0.01														l
AX02-15	54849	57.91	60.96	3.05			< 0.005	2	0.17	<10	3.04	913	11	0.03	162	380	6	0.17	2	11	396
AX02-15	54850	60.96	64.01	3.05			0.005														
AX02-15	54851	64.01	67.05	3.04	1		<0.005		Ī .												
AX02-15	54852	67.05	70.10	3.05	1		< 0.005									I					
AX02-15	54853	70.10	73.15	3.05	1		0.005								T						
AX02-15	54854	1		Dupite	ate (interval as	s above)	0.007	2	0.2	<10	2.28	667	3	0.04	110	400	6	0.79	<2	12	301
AX02-15	54855	73.15	75.59	2.44	1		0.005														
EC	DH .					L															

Hole	Sample	Inte	rval	Width (m)	QC Sample	Standard	Au	Tí	TI	IJ	٧	W	Zn
Number	Number	From	To	11-	Type	Number	ppm	%	ppm	ppm	ppm	ppm	ррп
AX02-15	54820	1.83	5.00	3,17			0.037						
AX02-15	54821	5.00	6.70	1.70			0.032	<0.01	<10	<10	2	<10	127
AX02-15	54822	6.70	10.10	3.40		}	0.105				7		1
AX02-15	54823	10.10	12.70	2.60			0.069						
AX02-15	54824				Standard	CDN-GS-2	1.645	0.11	<10	<10	52	<10	47
AX02-15	54825	12.70	13.85	1.15			0.035						
AX02-15	54826	13.85	17.45	3.60			0.037	<0.01	<10	<10	10	<10	35
AX02-15	54827	17.45	20.00	2.55	1		0.023					· 	
AX02-15	54828	20.00	20.15	0.15			0.402						
AX02-15	54829		1		Blank		<0.005	0.01	<10	<10	8	<10	19
AX02-15	54830	20.15	21.00	0.85]		0.048						
AX02-15	54831	21.00	22.30	1.30		_	0.017	<0.01	<10	<10	3	<10	6
AX02-15	54832	22.30	23.26	0.96	1		0.014						
AX02-15	54833	23.26	24.20	0.94	1	i	0.008						
AX02-15	54834			Duplice	te (interval as	above)	0.008	<0.01	<10	<10	2	<10	11
AX02-15	54835	24.20	26.50	2.30			0.01						
AX02-15	54836	26.50	29.70	3.20	1		0.013						
AX02-15	54837	29.70	30.57	0.87			0.012						
AX02-15	54838	30.57	32.70	2.13			0.011						
AX02-15	54839	32.70	34.40	1.70]		0.037	<0.01	<10	<10	7	<10	86
AX02-15	54840	34.40	37.45	3.05	1		0.019						
AX02-15	54841	37.45	41.00	3.55			0.047				1-		
AX02-15	54842	41.00	43.80	2.80			0.134		l	1			
AX02-15	54843	43.80	45.40	1.60			0.055						
AX02-15	54844				Standard	CDN-GS-1	5.14	0.04	<10	<10	29	10	39
AX02-15	54845	45.40	48.77	3.37			0.306						
AX02-15	54846	48.77	51.82	3.05		I	0.117						
AX02-15	54847	51.82	54.86	3.04			0.009						
AX02-15	54848	54.86	57.91	3.05	i		0.01			L	l		
AX02-15	54849	57.91	60.96	3.05			<0.005	0.01	<10	<10	69	<10	54
AX02-15	54850	60.96	64.01	3.05			0.005						
AX02-15	54851	64.01	67.05	3.04			<0.005						
AX02-15	54852	67.05	70.10	3.05			<0.005						
AX02-15	54853	70.10	73.15	3.05			0.005						
AX02-15	54854	1			ate (interval as	above)	0.007	0.02	<10	<10	89	<10	65
AX02-15	54855	73.15	75.59	2.44			0.005		L				
FC	111	7	1	1	7								

Hole	Bample	Inter	rvel	Width (m)	QC Sample	Standard	Αu	Ag	Äl	Au	В	Ba	Be	Bi	Ca	Cq	Co	Cr	Cu	Fe	Ga
Number	Number	From	Τo		Type	Number	ррт	ppm	×	ppm	ppm	ppm	ppm	ppm	%	ррт	ppm	ppm	ppm	%	ppm
AX02-16	54771	3.05	6.10	3.05			0.043						I	l	l			l			
AX02-16	54772	6.10	9.14	3.04			0.05	<0.2	0.31	101_	<10	230	0.5	<2	0.17	<0.5	2	77	18	1.39	<10
AX02-16	54773	9.14	12.19	3.05			0.036							<u> </u>							
AX02-16	54774	12.19	15.24	3.05			0.082				ļ		<u>_</u>					ļ			
AX02-16	54775				Standard	CDN-GS-3	0.851	<0.2	1.1	5	<10	100	<0.5	<2	0.78	<0.5	8	85	29	2.05	10
AX02-16	54776	15.24	18.29	3.05			0.067				·			ļ						440	
AX02-16	54777	18.29	21.34	3.05			0.067	<0.2	0.27	140	<10	300	<0.5	<2	0.01	<0.5	<1	- 66	10	1.19	<10
AX02-16	54778	21.34	24.38	3.04			0.087				ļ. ——		ļ	ļ							
AX02-16	54779	24.38	27.43	3.05			0.078			<u>-</u>		100			0.55	-0.5		404	7	1.03	<10
AX02-18	54780				Blank		<0.005	<0.2	0.58	5	<10	190	<0.5	<2	0.35	<0.5	3	101		1.03	<10
AX02-16	54781	27.43	30.48	3.05			0.089		0.00		-40	250	0.5			<0.5		89	14	1.22	<10
AX02-16	54782	30.48	33.53	3.05			0.041	<0.2	0.29	61	<10	250	0.5	<2	0.01	<0.5		89	14	1.22	<u> </u>
AX02-16	54783	33.53	35.32	1.79			0.028		ļ		 			-				 			
AX02-16	54784	35.32	36.58	1.26	L	L	0.081						4.4		0.24	<0.5	20	26	130	2.73	<10
AX02-16	54785				ite (interval as	above)	0.082	<0.2	0.62	98	<10	80	1.1	<2	0.21	<0.0	20	20	130	2.13	×10
AX02-18	54786	36.58	39.62	3.04			0.15	.00	0.50	120	<10		1.0	-2	0.36	<0.5	24	26	99	3.7	<10
AX02-16	54787	39.62	42.67	3.05			0.239	<0.2	0.58	120	×10	60	1.6	<2	0.30	<0.5		- 20	99	3.7	
AX02-16	54788	42.67	45.72	3.05	ļ		0.225	ļ		 -				 	 			 	-		
AX02-16	54789	45.72	48.77	3.05			0.103					70	4.2		2.49		16	20	46	3.95	20
AX02-16	54790	48.77	51.82	3.05			0.062	<0.2	0.3	68	<10	70	1.3	<2	2.49	0.7	10	20	40	3.93	20
AX02-16	54791	51.82	54.86	3.04			0.029			!			 		ł	<u> </u>		-			
AX02-16	54792	54.66	57.91	3.05			0.043	_ -				-		 -	 	ļ		 			H 1
AX02-16	54793	57.91	59.90	1.99			0.054				ļ	-			·	ļ- 	-				
AX02-16	54794	59.90	63.40	3.50	ļ <u>.</u>		0.145		100	0.5	<10	70	<0.5	<2	0.73	0.5	12	69	77	7.02	10
AX02-16	54795			L	Standard	CDN-GS-1	5.23	0.8	1.62	85	× 10	70	<0.5		0.73	0.5		09		7.02	
AX02-16	54796	63.40	67.06	3.66			0.014		ļ .		-	-			ł			 		1	-
AX02-16	54797	67.06	70.10	3.04			0.006				 			+		ł 					
AX02-16	54798	70.10	73.15	3.05			<0.005				i	<u> </u>	 	+	1		ļ	+		1	
AX02-16	54799	73.15	76.20	3.05			<0.005			48	<10	120	0.8	<2	4.6	0.8	15	13	57	3.43	10
AX02-16	54800	76.20	80.25	4.05	 		<0.005	<0.2	0.29	48	1 × 10	120	0.0	12	4.0	0.0	13	13	37	3.43	- '0
AX02-16	54801	80.25	82.30	2.05			<0.005				 	-	 		 			 		-	
AX02-16	54802	82.30	85.39	3.09		1	< 0.005		ļ	-	 			-	 	 					
AX02-16	54803	85.39	88.38	2.99			<0.005			-		·	 	1	+	 		1			
AX02-16	54804	86.38	91.03	2.65	<u> </u>	1	<0.005	<0.2	0.72	48	<10	90	0.7	<2	3.92	<0.5	22	157	52	3.33	10
AX02-16	54805	<u></u>			te (interval as	anove)	<0.005	*U.Z	0.72		1	90	0.7	``~	3.52	10.0		107	02	9.00	'
AX02-16	54806	91.03	91.23	0.20	ļ		<0.005		ļ		 	 	1		 	 	 	 	 	 	
AX02-16	54807	91.23	94.49	3.26	ļ		<0.005		 	 	-		 	1	 	 			l		
AX02-16	54808	94.49	97.54	3.05	ļ		0.01	ļ.——	 	 	ł	 	 	+	 	 		 	 	 	-
AX02-16	54809	97.54	100.58	3.04			<0.005	<0.2	0.32	420	<10	20	0.5	<2	4,18	<0.5	63	773	18	2.22	30
AX02-16	54810	100.58	103.63	3.05	ļ		0.007	<u.z< td=""><td>0.32</td><td>420</td><td> </td><td>20</td><td>0.5</td><td></td><td>4,10</td><td>70.0</td><td></td><td>1 '''</td><td>1.5</td><td></td><td> </td></u.z<>	0.32	420		20	0.5		4,10	70.0		1 '''	1.5		
AX02-16	54811	103.63	106.25	2.62			<0.005		 	 	 		+			†		·	t	<u> </u>	
AX02-16	54812	106.25	109.63	3.38	Standard .	CON CC 3	< 0.005	 -	 	 	 	 	+		 	 	 	t		 	
AX02-16	54813	L	L	1 225	Standard	CDN-GS-3	0.763		+		+	<u> </u>		+	<u> </u>		 	<u> </u>			
AX02-16	54814	109.63	112.78	3.15	ļ	ļ . 	0.011 <0.005	<0.2	0.33	16	70	10	<0.5	<2	3.91	0.7	69	993	10	3.23	- 60
AX02-16	54815	112.78	115.82	3.04	—	·		<0.2	0.53	 - '\'-	10	 ''	10.0		0.01	1		1		J	
AX02-16	54816	115.82	118.87	3.05	 	ļ	<0.005 <0.005	 	1	 	+	 	 	+		 	 			 	
AX02-16	54817	118.87	121.92	3.05	Dianti	<u> </u>	<0.005		 	 	+		 	†	 	 	 	 		———	t
AX02-16	54818	I	 	1	Blank	 	<0.005	 	 	 	 	 	+	1		 	<u> </u>		· · · · · · · · · · · · · · · · · · ·	·	l
AX02-16	54819	121.92	124.26	2.34		ļ	<0.005	-	 	 	 	 	1	 -	 	 	 	t			
1 E	OH	i	1	1	I	1	1	L		1		1	J	l		<u> </u>		J			

Hole	Sample	Inte	rval	Width (m)	QC Sample	Standard	Àυ	Hg	K	Le	Mg	Mn	Mo	Ne	NI	Р	Pb	\$	Sb	Sc	Śr
Number	Number	From	To		Туре	Number	ppm	ppm	*	ppm	- %	ppm	ppm	*	ругп	ррго	ppm	%	ppm	ppm	ppm
AX02-16	54771	3.05	6.10	3.05			0.043														
AX02-16	54772	6.10	9.14	3.04			0.05	<1	0.23	30	0.07	341	2	0.07	5	320	34	0.86	7	1	82
AX02-16	54773	9.14	12.19	3.05			0.036						-								
AX02-16	54774	12.19	15.24	3.05			0.082														
AX02-16	54775				Standard	CDN-GS-3	0.851	<1	0,11	10	0.67	437	5	0.08	21	560	13	0.07	<2	3	41
AX02-16	54776	15.24	18.29	3.05			0.067														
AX02-16	54777	18.29	21.34	3.05			0.067	<1	0.3	20	0.02	9	4	0.06	2	350	27	0.39	6	<1	91
AX02-16	54778	21.34	24.38	3.04			0.087										ļ				
AX02-16	54779	24.38	27.43	3.05			0.078														
AX02-16	54780				Blank		<0.005	<1	0.17	10	0.51	191	1	0.03	9	270	5	0.01	<2	1	13
AX02-16	54781	27.43	30.48	3.05			0.089		<u> </u>												
AX02-16	54782	30.48	33.53	3.05			0.041	<1	0.24	10	0.01	11	3	0.08	4	210	26	0.72	3	<1	99
AX02-16	54783	33.53	35.32	1.79			0.028			<u> </u>	ļ		ĺ								
AX02-16	54784	35.32	36.58	1.26	<u></u>	i	0.081		L.,	ļ <u></u> .											176
AX02-16	54785				te (interval as	above)	0.082	<1	0.19	60	0.22	189	<1	0.03	24	1680	32	1,9	24	2	173
AX02-16	54786	36.58	39.62	3.04	l	1	0.15			 _		500		0.00	20	1040					
AX02-16	54787	39.62	42.67	3.05	1	ļ	0.239	<1	0.28	50	0.7	523	2	0.03	28	1810	41	2.4	13	2	227
AX02-16	54788	42.67	45.72	3.05		ļl	0.225			ļ	<u> </u>	ļ	 	ļ <u>.</u>			ļ				
AX02-16	54789	45.72	48.77	3.05	<u> </u>		0.103										ļ	1 20			12.5
AX02-16	54790	48.77	51.82	3.05		ļ	0.062	<1	0.19	70	1.26	1715	<1	0.03	13	2460	34	1.99	7	2	1240
AX02-16	54791	51.82	54.86	3.04		ļ	0.029		ļ												
AX02-16	54792	54.86	57.91	3.05			0.043			ļ											
AX02-16	54793	57,91	59.90	1.99			0.054														
AX02-16	54794	59.90	63.40	3.50	l		0.145							0.00		540	107	1.13	<2	2	34
AX02-16	54795			L	Standard	CDN-GS-1	5.23	<1	0.29	20	0.82	275	1	0.06	32	24U	107	1.13	<2		- 34
AX02-16	54796	63.40	67.06	3.66	ļ		0.014		<u> </u>	ļ. —	1				ļ		ļ				
AX02-16	54797	67.06	70.10	3.04	<u> </u>	ļ	0.006				 						 				
AX02-16	54798	70.10	73.15	3.05		ļ <u> </u>	<0.005				-			 	 		ļ.——				
AX02-16	54799	73.15	76.20	3.05			<0.005			50	1.14	1235	4	0.04	19	2480	28	0.99	<2	5	875
AX02-16	54800	76.20	80.25	4.05			<0.005	<1	0.2		1.14	1235	4	υ.υ4	19	2460	20	0.99	~2		013
AX02-16	54801	80.25	82.30	2.05	ļ		<0.005				 			-			 				
AX02-16	54802	82.30	85.39	3.09			<0.005		 	ļ	ļ	ļ		ļ			-				
AX02-16	54803	85.39	88.38	2.99	ļ	ļ	<0.005				.										
AX02-16	54804	88.38	91.03	2.65	1		<0.005 <0.005	<1	0.32	10	4.07	845	1-1-	0.02	239	310	3	0.2	2	9	1570
AX02-16	54805				ate (interval as	s accve)	<0.005	*1	0.32	 10	4.07	040		0.02	233	310		0.2			1070
AX02-16	54806	91.03	91.23	0.20	1	 	<0.005		-	 	+	-	1				-				
AX02-16	54807	91.23	94.49	3.26		ļ	<0.005 0.01		1		 				-					-	— · · · · · ·
AX02-16	54808	94.49	97.54	3.05	 	 	<0.005		 				 		 			ļ	-		——
AX02-16	54809	97.54	100.58	3.04	 		0.007	<1	0.02	<10	6.61	789	<1	0.01	877	20	2	0.42	<2	6	1190
AX02-16	54810	100.58	103.63	3.05 2.62		4	< 0.007	_ `'	V.02		0.01	700	 	0.01	· · · · ·	***	 	U.72		_ <u> </u>	
AX02-16	54811	103.63	106.25	3.38	· 		<0.005		 	 			· · · · · · · · · · · · · · · · · · ·	 		· ·	!				
AX02-16	54812	106.25	109.63	3.30	Standard	CDN-GS-3	0.763		 	 	 	 	1		 		 		·	·	
AX02-16	54813	109.63	112.78	3.15	Standard	1 ODI + CO20	0.011		 	———	 									· ·	
AX02-16	54814	112.78	115.82	3.15	 	 	<0.005	<1	0.01	10	13.55	1135	<1	0.01	1410	30	<2	0.18	<2	7	372
AX02-16	54815		118.87	3.05	 	 	<0.005	 -	T	,	1	1	<u> </u>	 	† 	 -	<u> </u>	-	· -	t	
AX02-16	54816	115.82 118.87	121.92	3.05	1	<u> </u>	<0.005		 	1	l		 	· ·			 	 			
AX02-16	54817 54818	110.07	121.92	1- 3.03	Blank	 	<0.005		 	t	 			1	 		T	1			
AX02-16	54818	121.92	124.26	2.34	CHECK.	 	<0.005			 	 	 			<u> </u>			1		<u> </u>	
AX02-16		121.92	124.20	2.34	·		-0.003		 	 	†		1	· · · · · · ·	 					 	
LE	он	<u> </u>	<u>!</u>		<u> </u>	1	! _	·				·			1			i			

Hole	Sample	Inte	rvel	Width (m)	QC Sample	Standard	Āυ	Ti	ŤI	ΰ	V	W	Zn
Number	Number	From	To		Тура	Number	ppm	*	ppm	ppm	ppm	ppm	ppm
AX02-16	54771	3.05	6.10	3.05			0.043						
AX02-16	54772	6.10	9.14	3.04			0.05	< 0.01	<10	<10	4	<10	31
AX02-18	54773	9.14	12.19	3.05			0.036						
AX02-16	54774	12.19	15.24	3.05			0.082						
AX02-16	54775				Standard	CDN-GS-3	0.851	0.09	<10	<10	47	<10	46
AX02-16	54776	15.24	18.29	3.05			0.067						
AX02-16	54777	18.29	21.34	3.05			0.067	<0.01	<10	<10	3	<10	3
AX02-16	54778	21.34	24.38	3.04			0.087			//			
AX02-16	54779	24.38	27.43	3.05			0.078				·		
AX02-16	54780				Blank		<0.005	0.02	<10	<10	9	< 10	20
AX02-16	54781	27.43	30.48	3.05	[0.089						
AX02-16	54782	30.48	33.53	3.05			0.041	<0.01	<10	<10	3	<10	4
AX02-16	54783	33.53	35.32	1.79			0.028						
AXD2-16	54784	35.32	36.5B	1.26			0.081			1	L		ĺ
AX02-16	54785	 		Duplice	ste (Interval as	above)	0.082	<0.01	<10	70	13	<10	94
AX02-18	54786	36.58	39.62	3.04	1		0.15						
AX02-16	54787	39.62	42.67	3.05			0.239	< 0.01	<10	<10	20	<10	163
AX02-16	54788	42.67	45.72	3.05			0.225						
AX02-16	54789	45.72	48.77	3.05			0.103						
AX02-16	54790	48.77	51.82	3.05			0.062	< 0.01	<10	50	21	<10	106
AX02-16	54791	51.82	54.86	3.04	I		0.029						
AX02-18	54792	54.86	57.91	3.05			0.043						
AX02-16	54793	57.91	59.90	1.99			0.054						
AX02-16	54794	59.90	63.40	3.50			0.145						
AX02-16	54795				Standard	CDN-GS-1	5.23	0.04	<10	<10	29	10	43
AX02-16	54796	63.40	67.06	3.66			0.014						
AX02-16	54797	67.06	70.10	3.04			0.006					_	
AX02-16	54798	70.10	73.15	3.05			< 0.005						
AX02-16	54799	73.15	76.20	3.05	I		<0.005			L			
AX02-16	54800	76.20	80.25	4.05			< 0.005	<0.01	<10	10	16	<10	79
AX02-16	54801	80.25	82.30	2.05			<0.005						
AX02-16	54802	82.30	85.39	3.09			<0.005						
AX02-16	54803	85.39	88.38	2.99			<0.005						
AX02-16	54804	88.38	91.03	2.65			< 0.005						
AX02-16	54805				ite (interval as	above)	<0.005	0.02	<10	<10	41	<10	61
AX02-16	54806	91.03	91.23	0.20	L		< 0.005		· 				
AX02-16	54807	91.23	94.49	3.26		<u> </u>	<0.005						
AX02-16	54808	94.49	97.54	3.05			0.01						
AX02-16	54809	97.54	100.58	3.04			<0.005						
AX02-16	54810	100.58	103.63	3.05			0.007	<0.01	<10	<10	30	<10	15
AX02-16	54811	103.63	106.25	2.62			<0.005						
AX02-16	54812	106.25	109.63	3.38	<u> </u>	l	< 0.005	ļ		ļ	L	L <u> </u>	
AX02-16	54813			<u> </u>	Standard	CDN-GS-3	0.763		<u> </u>	ļ			
_AX02-16	54814	109.63	112.78	3.15	<u> </u>		0.011						<u> </u>
AX02-16	54815	112.78	115.82	3.04	!	 	<0.005	<0.01	<10	<10	25	<10	20
AX02-16	54816	115.82	118.87	3.05			<0.005						
AX02-16	54817	118.87	121.92	3.05	 	!	<0.005						
AX02-16	54818	<u> </u>		l	Blank		<0.005			ļ			
AX02-16	54819	121.92	124.26	2.34			<0.005						
E)H	1		L									

APPENDIX 6

QAQC PROCEDURES, SAMPLE INSERT TABLES, AND DISCUSSION OF RESULTS

Axelgold 2002 Drilling Program

QAQC Procedures and Discussion of Results

Three types of quality control sample inserts were utilized during the program:

- Standards
- Blanks
- Duplicates

Standards

Standards were inserted every 20th sample, constituting 5% of the total number of samples submitted. Standard samples were prepared by CDN Labs of Vancouver. Three standard types were used randomly:

•	CDN-GS-1	5.07 g/tonne Au
•	CDN-GS-2	1.53 g/tonne Au
•	CDN-GS-3	0.79 g/tonne Au

A summary table of assay results from the standard samples is presented below. Most values reported by ALS Chemex are within 5% of the accepted standard value. A few samples, however, have gold values reported by ALS Chemex which fall well outside of the acceptable margin of analytical error. These samples are highlighted on the accompanying table. There are several possible reasons for the discrepancies:

- Standard number used misrecorded
- Wrong type of sample insert used
- Sample series mixed up at lab
- Analytical problems

Most of the problems appear to have been on the sampling end, with either the insert of the wrong sample type (ie. a blank inserted in place of a standard as for sample 54298), or the misrecording of the standard number used (as is possible for samples 54528, 54548, and 54568). Sample 54278 may be indicative of an analytical problem.

If the regular samples had contained highly elevated gold values, the sample sets with the problematical standards would have had to be reanalyzed, regardless of the apparent reason for the discrepancy. Re-running samples with low levels of gold, however, would not significantly change the results.

Composite Standard Sample Analyses

Number	Number	Number	ppm	CDN	l%I Variation	% Variation
Hole	Sample	Standard	Au	ppm Au	from standard	from standard
AX02-09	54245	CDN-GS-1	5.190	5.070	2.4	2.4
AX02-10	54357	CDN-GS-1	5.560	5.070	9.7	9.7
AX02-11	54375	CDN-GS-1	4.840	5.070	4.5	-4.5
AX02-13	54568	CDN-GS-1	1,275	5.070	74.9	-74.9
AX02-14	54661	CDN-GS-1	5.150	5.070	1.6	1.6
AX02-16	54795	CDN-GS-1	5.23	5.070	3.2	3.2
AX02-15	54844	CDN-GS-1	5.14	5.070	1,4	1.4
AX02-10	54298	CDN-GS-2	<0.005	1.530	99.7	-99.7
AX02-11	54395	CDN-GS-2	1,350	1.530	11.8	-11.8
AX02-12	54474	CDN-GS-2	1,440	1.530	5.9	-5.9
AX02-13	54548	CDN-GS-2	4.650	1.530	203.9	203.9
AX02-14	54602	CDN-GS-2	1.495	1.530	2.3	-2.3
AX02-14	54739	CDN-GS-2	1.565	1.530	2.3	2.3
AX02-15	54824	CDN-GS-2	1.645	1.530	7.5	7.5
AX02-09	54205	CDN-GS-3	0.811	0.790	2.7	2.7
AX02-09	54225	CDN-GS-3	0.670	0.790	15.2	-15.2
AX02-09	54265	CDN-GS-3	0.873	0.790	10.5	10.5
AX02-10	54278	CDN-GS-3	0.117	0.790	85.2	-85.2
AX02-10	54317	CDN-GS-3	0.825	0.790	4.4	4.4
AX02-10	54337	CDN-GS-3	0.836	0.790	5.8	5.8
AX02-11	54415	CDN-GS-3	0.739	0.790	6.5	6.5
AX02-12	54434	CDN-GS-3	0.775	0.790	1.9	-1.9
AX02-12	54454	CDN-GS-3	0.882	0.790	11.6	11.6
AX02-12	54494	CDN-GS-3	0.782	0.790	1.0	-1.0
AX02-13	54508	CDN-GS-3	0.780	0.790	1.3	-1.3
AX02-13	54528	CDN-GS-3	1,405	0.790	77.8	77.8
AX02-14	54582	CDN-GS-3	0.728	0.790	7.8	7.8
AX02-14	54622	CDN-GS-3	0.822	0.790	4.1	4.1
AX02-14	54642	CDN-GS-3	0.804	0.790	1.8	1.8
AX02-14	54681	CDN-GS-3	0.722	0.790	8.6	-8.6
AX02-14	54701	CDN-GS-3	0.807	0.790	2.2	2.2
AX02-14	54721	CDN-GS-3	0.743	0.790	5.9	-5.9
AX02-14	<u>54</u> 759	CDN-GS-3		0.790		
AX02-16	54775	CDN-GS-3	0.851	0.790	7.7	7.7
AX02-16	54813	CDN-GS-3	0.763	0.790	3.4	-3.4

Note: Samples with unacceptable gold analyses are highlighted

Blank Samples

Blank samples were inserted every 40th sample. Blank material was also supplied by CDN Labs of Vancouver. It consisted of coarsely crushed gravel which had been thoroughly mixed and sampled to confirm a lower than detection level gold content. Coarse material was used to test for contamination in the sample preparation circuit, as well as the sensitivity of the analytical procedure.

As shown in the table below, only 2 of the 19 blank samples submitted were reported to contain above detectable levels of gold.

Summary Table of Blank Sample Insert Gold Analyses

Hole	Sample	QC Sample	Au
Number	Number	Туре	ppm
AX02-09	54210	Blank	<0.005
AX02-09	54250	Blank	<0.005
AX02-10	54283	Blank	0.005
AX02-10	54322	Blank	<0.005
AX02-10	54362	Blank	<0.005
AX02-11	54380	Blank	0.039
AX02-11	54420	Blank	0.007
AX02-12	54439	Blank	<0.005
AX02-12	54479	Blank	<0.005
AX02-13	54513	Blank	<0.005
AX02-13	54553	Blank	<0.005
AX02-14	54587	Blank	<0.005
AX02-14	54627	Blank	<0.005
AX02-14	54666	Blank	<0.005
AX02-14	54706	Blank	<0.005
AX02-14	54744	Blank	<0.005
AX02-15	54829	Blank	<0.005
AX02-16	54780	Blank	<0.005
AX02-16	54818	Blank	<0.005

Duplicate Samples

Every 20th sample submitted was a quartered duplicate of the previous sample. Duplicates were prepared and submitted to test for repeatability of results. They test both the consistency of the analytical procedure and the natural homogeneity of the rock. Duplicate pairs of samples are presented in the table below. Repeatability of the gold analyses is very good.

Composite Duplicate Sample Table

Hole	Sample	Interval		Width (m)	QC Sample	Au
Number	Number	From	То		Туре	ppm
AX02-09	54214	42.80	45.40	2.60		0.338
AX02-09	54215				Duplicate (interval as above)	0.226
AX02-09	54234	79.40	82.30	2.90		0.092
AX02-09	54235				Duplicate (interval as above)	0.079
AX02-09	54254	117.68	119.73	2.05		0.017
AX02-09	54255				Duplicate (interval as above)	0.016
AX02-09	54274	157.65	158.50	0.85		<0.005
AX02-09	54275				Duplicate (interval as above)	<0.005
AX02-10	54287	36.58	38.63	2.05		0.24
AX02-10	54288				Duplicate (interval as above)	0.188
AX02-10	54307	80.85	82.30	1,45		0.129
AX02-10	54308			<u> </u>	Duplicate (interval as above)	0.112
AX02-10	54326	115.36	116.79	1.43		0.169
AX02-10	54327				Duplicate (interval as above)	0.180
AX02-10	54346	158.50	161.54	3.04		0 14
AX02-10	54347				Duplicate (interval as above)	0.152
AX02-10	54366	210.31	213.36	3.05		0.042
AX02-10	54367				Duplicate (interval as above)	0.068
AX02-11	54384	36.57	39.62	3.05		0.068
AX02-11	54385				Duplicate (interval as above)	0.059
AX02-11	54404	75.87	77.75	1.88		0.048
AX02-11	54405		<u> </u>		Duplicate (interval as above)	0.054
AX02-11	54424	118.87	121.92	3.05		0.082
AX02-11	54425		<u></u>		Duplicate (interval as above)	0.060
AX02-12	54443	36.58	39.62	3.04		0.045
AX02-12	54444		<u> </u>		Duplicate (interval as above)	0.055
AX02-12	54463	91.44	94.49	3.05		<0.005
AX02-12	54464				Duplicate (interval as above)	<0.005
AX02-12	54483	140.21	143.26	3.05		<0.005
AX02-12	54484				Duplicate (interval as above)	<0.005
AX02-12	54503	192.02	195.07	3.05		0.005
AX02-12	54504				Duplicate (interval as above)	0.007
AX02-13	54517	33.53	36.10	2.57		0.041
AX02-13	54518			ļ	Duplicate (interval as above)	0.044
AX02-13	54537	79.25	80.50	1.25		0.065
AX02-13	54538				Duplicate (interval as above)	0.068
AX02-13	54557	116.25	117.12	0.87		0.087
AX02-13	54558				Duplicate (interval as above)	0.071
AX02-13	54577	153.61	155.45	1.84	<u> </u>	0.055
AX02-13	54578				Duplicate (interval as above)	0.054
AX02-13	54591	30.48	32.82	2.34	1 (0.076
AX02-14 AX02-14	54592	33.40	32.02	1	Duplicate (interval as above)	0.077
AX02-14 AX02-14	54611	76.20	78.10	1.90	-printed (miles real and and 10)	0.032
		10.20	70.10		Duplicate (interval as above)	0.032
AX02-14 AX02-14	54612 54631	99.04	100.58	1.54	Dapitoate (interval as above)	0.031

AX02-14	54632				Duplicate (interval as above)	0.02
AX02-14	54651	126.45	128.02	1.57		0.04
AX02- <u>14</u>	54652				Duplicate (interval as above)	0.0
AX02-14	54670	150.85	152.40	1.55		0.16
AX02-14	54671				Duplicate (interval as above)	0.09
AX02-14	54690	179.83	181.13	1.30		0.0
AX02-14	54691				Duplicate (interval as above)	0.0
AX02-14	54710	205.72	207.26	1.54		0.1
AX02-14	54711				Duplicate (interval as above)	0.17
AX02-14	54730	233.15	234.80	1.65		0.09
AX02-14	54731				Duplicate (interval as above)	0.12
AX02-14	54748	256.03	258.38	2.35		0.03
AX02-14	54749				Duplicate (interval as above)	0.04
AX02-14	54768	286.51	288.01	1.50		0.0
AX02-14	54769				Duplicate (interval as above)	0.1
AX02-15	54833	23.26	24.20	0.94		0.0
AX02-15	54834				Duplicate (interval as above)	0.0
AX02-15	54853	70.10	73.15	3.05		0.0
AX02-15	54854		<u> </u>		Duplicate (interval as above)	0.0
AX02-16	54784	35.32	36.58	1.26		0.0
AX02-16	54785				Duplicate (interval as above)	0.0
AX02-16	54804	88.38	91.03	2.65		<0.0
AX02-16	54805				Duplicate (interval as above)	<0.0

APPENDIX 7 PETROGRAPHIC REPORT



Vancouver Petrographics Ltd.

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PETROGRAPHIC REPORT ON 8 SAMPLES FROM AXELGOLD PROJECT, B.C.

Report for: Gordon Allen Invoice 020499

Rubicon Minerals Corporation 888-1100 Melville Street

Vancouver, B.C. V6E 4A6. Oct. 4, 2002.

SUMMARY:

Eight samples were submitted from the Axelgold alkalic syenite porphyry Au property in northern B.C. Two polished thins were prepared to identify a blue-grey metallic mineral in stringers and disseminated; six thin sections were prepared to characterize fragmental units within or peripheral to the syenite.

These rocks are all rich in K-feldspar, indicated by the strong yellow stain in the etched slabs. Igneous compositions appear to range from ?syenite (AX02-10 153.8 and 78.4) or ?quartz syenite (AX02-09 135.5, 140.2; AX02-14 202.0, 102.35) to ?quartz trachyte (54022, WP-90); these classifications are questioned because much of the Kspar has textures (replacing plagioclase) suggestive of late-magmatic or in places possibly secondary origin. Thus it is hard to be sure of the primary composition of these rocks, but given the setting in an alkalic porphyry deposit, syenite to quartz trachyte is reasonable.

The fragmental rocks may be roughly divided into relatively coarse-grained (AX02-09 135.5 and 202.0), possible ?diatreme breccias, and fine-grained (AX02-09 140.2, 102.35; 54022), of less certain origin but possibly finer-grained equivalents of the diatreme breccias. Field relations, detailing the nature of the contacts of these units (cross-cutting or flat-lying, size gradation and/or flow-banding towards the margins, etc.) are needed to more confidently identify these rock types. The coarse-grained rocks consist of subangular to subrounded lithic clasts up to 2 mm in diameter, and crystal shards (mainly K-feldspar, partly after former plagioclase) in a matrix of what appears to be ?hydrothermal carbonate, quartz, sericite and ?pyrite (opaque minerals not identifiable with certainty because only thin sections were cut of these rocks). Some of the Kspar may be of secondary origin, but it is not possible to be sure on the basis of such small exposures (one piece of drill core) that do not show larger scale features. The finer-grained rocks consist of similar materials (lithic clasts and crystal shards) but in smaller pieces, in a similar but finer-grained matrix of (?possibly mostly secondary) minerals such as sericite, carbonate, ?quartz (minute grain size precludes positive identification) and ?pyrite. Sample 54022 appears to be a similar fine-grained fragmental rock, in part sheared, possibly from a ?brecciated chill margin of a ?quartz trachyte, or a fine-grained diatreme breccia of ?quartz trachyte composition.

In my opinion, from petrographic evidence of one thin section and described field evidence, sample WP-90 could be a very high-level intrusive (perhaps locally transitional to extrusive, tuffaceous equivalents) of similar (?quartz trachyte) composition.

Alteration in the rocks of this suite is mainly phyllic (sericite-carbonate-?pyrite-rutile), but may also be in part or largely (formerly) strong potassic (Kspar-quartz); it is not generally possible to be sure how much of the abundant Kspar is primary, late-magmaatic, or secondary (hydrothermal). True secondary Kspar (distributed along microveinlets or fractures) is only rarely seen in thin section (e.g. AX02-13 135.5). Carbonate is likely mainly ?dolomitic or ankeritic, as there is little reaction to cold dilute HCl in most samples (exceptions are samples AX02-10 153.8 and AX02-13 78.4, which show trace reaction and slow reaction when powdered respectively). Purple fluorite is prominent in veinlets of AX02-10 153.8, and these veinlets contain ?chalcocite with rare minute (5 micron) inclusions of ?native Au. Possible ?barite or ?celestite is found in veinlets in samples AX02-09 135.5 and AX02-14 102.35. All these queried identifications would require SEM analysis to positively confirm them.

CHBLeitel, P. Eng.

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AX02-10 153.8: INTENSELY POTASSIC (KSPAR-QUARTZ-CARBONATE-SERICITE-PYRITE-FLUORITE-RUTILE+?CHALCOCITE, TRACE ?AU) ALTERED AND VEINED ?SYENITE

Hand sample is a grey, fine-grained, siliceous (harder than steel) intensely fractured and altered rock of uncertain parentage. It contains minor finely disseminated and fracture-controlled sulfides, likely mostly pyrite, and is cut by narrow stringers composed of quartz, a white mineral (carbonate, possibly Kspar), a purple mineral (likely fluorite) and traces of a blue-grey metallic mineral, possibly ?chalcocite. The rock is not magnetic and shows only trace reaction to cold dilute HCl, but is extensively stained yellow for K-feldspar in the etched slab, likely indicating strong secondary Kspar alteration. Modal mineralogy in polished thin section is approximately:

K-feldspar (?mainly secondary)	70%
Quartz (?mainly secondary)	10%
Carbonate (?dolomite/ankerite, minor calcite)	10%
Sericite	5%
Pyrite	2-3%
Fluorite (veinlets)	1-2%
Rutile	<1%
?Chalcocite	<1%

This slide consists mainly of K-feldspar, likely mainly secondary, with lesser quartz, carbonate, sericite and pyrite; veinlets consist of Kspar, quartz, carbonate, fluorite and minor ?chalcocite. Cross-fractures are filled by sericite and rarely calcite.

The body of the rock is mainly composed of fine-grained, anhedral, interlocking crystals of K-feldspar mostly <0.1 mm in diameter, mixed with minor quartz (anhedra generally <30 microns in diameter), carbonate (ragged subhedra up to 0.2 mm across, likely dolomite or ankerite to judge by the lack of reaction in hand specimen), minute flakes of sericite mostly <20 microns in size, and cubic pyrite euhedra up to 0.25 mm in diameter. Irregular, vaguely defined veinlets mainly <0.5 mm thick composed of coarser-grained secondary K-feldspar, locally with quartz, carbonate, pyrite and minor fluorite and rutile, are common. Most of the original texture of the rock is destroyed by the alteration and veining; in places traces of relict ?porphyritic texture are preserved.

Veins up to 3 mm thick are composed of K-feldspar (euhedra up to 1 mm in diameter), strongly carbonate+sericite altered feldspar (possibly formerly plagioclase?; subhedra to 2 mm diameter), quartz (subhedra up to 2 mm across), carbonate (subhedra up to 1.5 mm across, likely dolomite or ankerite), fluorite (subhedra to 1 mm), and a blue-grey sulfide that is likely ?chalcocite (subhedra to 0.35 mm diameter). Rare inclusions of ?native Au, <5 microns in diameter, occur in the ?chalcocite (both these tentative identifications need to be checked by SEM analysis). Other, less regular, veinlets mostly <1 mm thick are composed of quartz (interlocking subhedra mostly <0.1 mm in size) and carbonate (subhedra to 0.6 mm) plus minor fluorite (subhedra to 0.5 mm). Narrow fracture veinlets mostly <0.1 mm thick, that cut the major veins obliquely, consist of carbonate (partly calcite) as subhedra <0.15 mm in diameter, and/or sericite (subhedral flakes mainly <30 microns in diameter).

In summary, alteration in this sample appears to be strong potassic (Kspar-quartz-carbonate-sericite-pyrite-rutile, associated with veinlets that contain these minerals plus fluorite, ?chalcocite and trace ?Au.

AX02-13 78.4: STRONGLY POTASSIC (KSPAR-QUARTZ-PYRITE-SERICITE+APATITE-RUTILE) ALTERED PORPHYRITIC ?SYENITE

Hand sample is similar to AX02-10, a grey, fine-grained, siliceous (harder than steel), intensely altered and fractured rock of uncertain parentage, cut by numerous pyritic stringers locally associated with a white mineral that reacts slowly to cold dilute HCl (vigorously if powdered). Traces of greyish metallic mineral are included in the pyritic veinlets; pyrite is partly oxidized to limonite. The rock is not magnetic, but shows abundant yellow stain for K-feldspar in the etched slab. Modal mineralogy in polished thin section is roughly:

K-feldspar (?partly secondary)	75%
Quartz (mainly secondary)	10%
Pyrite	5-7%
Sericite	5-7%
Carbonate (?partly dolomite)	2%
Apatite	1%
Rutile	<1%

Primary texture appears to be slightly better preserved in this sample, which is composed mainly of scattered phenocrysts of K-feldspar in a trachytic matrix of small feathery laths of K-feldspar, all abundantly overprinted by anastamosing microveinlets of minutely crystalline secondary K-feldspar and quartz, sericite, and minor carbonate, rutile and pyrite, or by larger veinlets and irregular patches of sericite, pyrite and quartz or rarely carbonate.

Relict ?phenocrysts of K-feldspar have euhedral to bent or broken lath shapes up to almost 3 mm long that are partly replaced by microveinlets of Kspar, quartz, sericite and minor carbonate that are mostly <15 microns in diameter plus minor pyrite up to 50 microns in size.

In the matrix, lath-shaped euhedral to subhedral crystals of K-feldspar up to about 0.25 mm long, locally mixed with prismatic apatite up to 0.2 mm long, are variably replaced and overprinted as described above. In the replacive portions, intimately mixed K-feldspar and quartz anhedra are mostly <20 microns in diameter, sericite forms subhedral flakes up to 25 microns in diameter, carbonate anhedra are mostly <15 microns in size, and pyrite forms cubic euhedra up to 0.1 mm in diameter. Rutile is generally associated with pyrite, forming minute subhedra mostly <10 microns in diameter, locally aggregating to 50 microns.

Larger veinlets consist of sericite flakes mostly <75 microns in diameter, locally in aggregates up to 1 mm across, pyrite euhedra up to 0.7 mm in diameter, locally in aggregates up to 2.5 mm across (with sericite, and minor lamellar-textured quartz in pressure shadows adjacent to pyrite). Pyrite is commonly fractured or sheared-looking, and is incipiently oxidized to limonite along some of these veinlets. In some of the veinlets, carbonate forms subhedral crystals up to 0.35 mm in diameter, in aggregates up to 3 mm long. Rutile is associated with pyrite as described above except that aggregates may be up to almost 1 mm long, or is locally included as euhedra up to 40 microns across in coarser pyrite crystals. It may be that the rutile in this sample is the "grey mineral" seen in the veinlets; ?chalcocite does not appear to be present. Apatite is also locally associated with the pyrite, forming euhedra to 0.1 mm diameter.

In summary, this sample appears to have been a porphyritic ?syenite that is strongly fractured and potassic altered to Kspar, quartz, pyrite, sericite, and minor carbonate, apatite and rutile. ?Chalcocite appears to be absent.

AX02-09 135.5: ?DIATREME BRECCIA (CARBONATE-SERICITE-PYRITE ALTERED LITHIC CLASTS & CRYSTAL SHARDS IN HYDROTHERMAL CARBONATE-QUARTZ MATRIX)

Hand sample is fragmental, consisting of subrounded to subangular clasts mostly <1 cm in diameter in what appears to be a very siliceous matrix composed largely of ?secondary quartz. Matrix quartz is milky white compared to grey ?primary quartz shards (this is easily seen in the etched slab, which shows that many of the clasts are rich in Kspar, either as groundmass in porphyritic rocks or as possible K-flooding of other rocks. The rock is not magnetic and shows no reaction to cold dilute HCl; modal mineralogy in thin section is approximately:

11	
ary), "chert"`	55%
dary Kspar)	25%
)	15%
	3-5%
te)	1-2%
	<1%
	<1%
	ary), "chert"` idary Kspar)) te)

In thin section, the siliceous "matrix" seen in the etched slab turns out to be mainly subrounded siliceous or ?cherty clasts, mostly <2 mm in diameter, and finely comminuted material or microclasts, set in a true matrix that is mainly carbonate but locally includes quartz and an unidentified mineral. The carbonate forms subhedral interlocking crystals up to about 0.75 mm in diameter, and is probably mostly dolomite or ankerite to judge by the lack of reaction to HCl in hand sample. Quartz forms subhedra rarely over 0.2 mm in diameter, clearly secondary in origin. The unidentified mineral forms ragged anhedra that are locally optically continuous for over 1 mm, with strong positive relief compared to the quartz hosting them, and low (first-order grey) birefringence; it could be ?barite (also suggested in my report to Karen McInnis, dated June 2, 1998).

The small siliceous clasts are mainly composed of microcrystalline quartz (anhedral, interlocking, mostly <10 microns in diameter but containing scattered anhedra up to 35 microns across), locally with variable amounts of similar-sized sericite, and euhedral pyrite to 0.1 mm diameter. Larger, lithic clasts are variably porphyritic to ?tuffaceous. The former consist of about 40% phenocrysts of feldspar and lesser?mafic relics, both with mainly euhedral outlines up to 1.5 mm in diameter, in an almost aphanitic, siliceous groundmass. Feldspar crystals appear to have been mostly plagioclase, now half replaced by K-feldspar and in places by carbonate and minor sericite. Former mafic relics with shapes suggestive of ?pyroxene are pseudomorphed by carbonate and sericite, plus opaques that appear to include both ?pyrite and rutile. The groundmass consists of 10-15 micron sized quartz and sericite, containing small crystals and shards of feldspar and relict mafics like the phenocrysts. Tuffaceous clasts consist of barely recognizable feldspar shards or crystals, largely replaced by fine-grained sericite, and rare quartz shards, both mainly <0.25 mm in diameter, plus patches of opaques (mainly pyrite?) in a groundmass that consists mainly of minute crystals of quartz and sericite <10-15 microns in size. Smaller, crystal shards are mainly either subhedral quartz (locally with resorption features) or feldspar. The feldspar has a "wooly" appearance typical of ?late magmatic or secondary K-feldspar after plagioclase, as in the lithic clasts.

It is difficult to decide what the origin of this sample is based on petrography; the mixture of altered and pyritized lithic clasts, crystal shards and ?chert, in what appears to be a hydrothermal matrix of carbonate and quartz +?barite, is suggestive of a diatreme breccia rather than a sediment. However, field evidence (nature of the contacts, etc.) would be critical in reaching a final decision.

AX02-09 140.2: FINE FRAGMENTAL (KSPAR-RICH LITHIC AND CRYSTAL SHARDS IN ALTERED MATRIX OF SERICITE, ?QUARTZ, CARBONATE, ?PYRITE)

Hand sample is a pale greenish-grey, siliceous, altered, finer-grained fragmental rock with maximum clast size in the 2-3 mm range; it looks like an arkose. The rock is not magnetic and shows no reaction to cold dilute HCl, but it stains extensively for K-feldspar in the etched slab. Modal mineralogy in thin section is approximately:

K-feldspar (partly replacing plagioclase)	55%
Relict plagioclase (?albitic)	15%
Quartz (?mainly primary)	15%
Sericite	10%
Opaque (?mainly pyrite)	2-3%
Carbonate (?dolomite, ?ankerite)	1-2%
Apatite	<1%
?Sphene, ?zircon	<1% each

This slide shows a matrix-supported, finely fragmental rock that consists of about 70% subangular to angular clasts up to 3 mm in diameter in a matrix of fine-grained sericite (subhedral flakes mostly <20 microns in diameter) and perhaps a little quartz of similar or smaller grain size. Locally, there is minor but significant carbonate (likely including ?dolomite, with rims of ?ankerite, to judge by the lack of reaction in hand sample, forming subhedra up to 0.1 mm in diameter) associated with opaques (likely pyrite, euhedra mainly <0.1 mm in size). Traces of ?sphene (subhedra <20 microns) and rare ?zircon (euhedra to 60 microns) are also found in the matrix.

Clasts include both lithic and crystal shards. Lithic clasts range from feldspar porphyry through crowded feldspar-relict mafic porphyritic rock to fine-grained, ?cherty rock. In the feldspar porphyry, K-feldspar forms euhedral phenocrysts up to 1.25 mm long with "wooly" appearance suggestive of replacement of former plagioclase (this replacement could be late-magmatic, since there is no good evidence for hydrothermal secondary replacement such as control along fractures). The groundmass consists of aphanitic quartz and K-feldspar as interlocking anhedra mainly <10 microns in diameter. Crowded porphyritic rocks contain similar feldspar phenocrysts and in addition ?relict mafic sites with subhedral outlines up to 0.3 mm across that are pseudomorphed by sericite (flakes up to 50 microns) and opaques (?mainly pyrite, cubic euhedra up to 50 microns). Scattered euhedral phenocrysts of apatite up to 0.4 mm long occur; groundmass is aphanitic quartz and Kspar. Varied-textured finer-grained lithic clasts mostly consist of 25 micron quartz, feldspar (plagioclase and/or Kspar), quartz, sericite and opaques; some may be tuffaceous while others could be derived from previously altered rocks, in which a former ?trachytic, tuffaceous or porphyry texture is vaguely recognizable but has been overprinted by strong replacement, e.g. by up to 70% opaques (?pyrite, euhedra mostly <20 microns), alkali feldspar, or sericite.

Crystal shards include quartz (mainly anhedra, locally with resorption features, up to about 1 mm in diameter) and alkali feldspar (both K-feldspar, and likely albitic plagioclase, up to 1 mm in diameter). As in the lithic clasts, textures indicate that much of the Kspar has replaced plagioclase, although this may not be hydrothermal. Patches of sericite and opaques up to 0.75 mm across may represent the sites of former mafic mineral shards.

As in the previous sample, the abundance of secondary minerals (sericite, ?quartz, carbonate, ?pyrite) in the matrix of this finely fragmental rock is suggestive of a hydrothermal breccia such as a diatreme. However, textural evidence in thin section, while permissive, is not conclusive; the nature of contact relations, banded margins, etc. in the field would be critical in reaching a decision.

AX02-14 202.0: POSSIBLE ?SYENITE OR QUARTZ SYENITE DIATREME BRECCIA, ALTERED TO ?KSPAR-CARBONATE-ALBITE-SERICITE-PYRITE-LEUCOXENE

Hand sample shows a fragmental rock with subangular lithic clasts in a fine-grained, grey, pyritic, altered matrix. The rock is not magnetic and shows no reaction to cold dilute HCl, but there is strong yellow stain for K-feldspar in the etched slab, particularly in many of the clasts with a ragged texture suggestive of ?secondary origin. Modal mineralogy in thin section is approximately:

K-feldspar (?partly secondary)	40%
Carbonate (?dolomite/ankerite)	25%
Quartz	15%
Relict plagioclase (?albite)	15%
Sericite	2-3%
Opaque (?mainly pyrite)	2-3%
Apatite	<1%
"Leucoxene"	<1%

Parts of this slide preserve relatively clean fragmental texture, but parts show heavy replacement by carbonate and opaque (likely mostly pyrite). Large lithic clasts (subrounded to subangular outlines up to 2 cm in diameter) are themselves fragmental, composed of variably comminuted feldspar crystal shards, patches of carbonate, and opaques in a fine-grained groundmass of anhedral, interlocking ?quartz and feldspar both mostly <25 microns in diameter. Alternatively, some clasts show relict trachytic texture composed of small felted alkali feldspar crystals mainly <0.1 mm long partly replaced by patches of carbonate and opaque. Most large feldspar crystals, with euhedral outlines up to 3 mm in diameter, appear to have been plagioclase that are now 50-80% replaced by "wooly" Kspar; although this could be late-magmatic in origin, the preponderance of Kspar around rims and the association with carbonate and pyrite suggests some of it could be ?secondary. Locally, carbonate replacement of the lithic clasts reaches 60-70% of the clast; relict ?biotite sites with subhedral outlines up to 0.6 mm in diameter are marked by lamellar-textured carbonate and "leucoxene", probably after sagenitic rutile.

Crystal shards include mainly Kspar, similar to that described above in the lithic clasts (relict plagioclase is finely twinned, with extinction on 010 up to about 11 degrees and negative relief compared to quartz, suggesting albite about An10), and large apatite euhedra up to 1.5 mm long. Quartz shards appear to be absent, in contrast to AX02-09 140.2, but like the coarser fragmental in AX02-09 135.5.

The matrix varies from mainly fine-grained ?quartz, feldspar and opaque (?mainly pyrite) with minor sericite and carbonate, all mostly <25 microns in diameter, to mainly coarser-grained carbonate, sericite and opaque (?pyrite) with subhedral grains up to about 0.5 mm in diameter. Although there is some variation in the intensity of Kspar replacement of plagioclase with the variation in intensity of carbonate alteration, it is not clear potassic alteration accompanied carbonate. Also, it is not clear carbonate-sericite-pyrite alteration accompanied (as in a diatreme breccia) or post-dates (as in a sediment) formation of the fragmental rock. Locally, the strongest carbonate and sericite alteration is distributed along shears or fracture zones, but since these zones tend to wrap around the clasts it is again not clear if the alteration accompanies or post-dates the fragmentation.

In summary, I do not feel able to confidently answer your question as to whether these samples represent diatreme breccias or sediments. In this sample, the distribution of Kspar does seem more secondary and thus could be partly hydrothermal in origin, perhaps supportive of a breccia origin for the rock since potassic alteration is commonly related to magmatic processes.

AX02-14 102.35: FINE FRAGMENTAL (KSPAR-RICH LITHIC AND CRYSTAL SHARDS IN ALTERED MATRIX OF FELDSPAR, ?QUARTZ, SERICITE, ?PYRITE); FRACTURES OF CARBONATE, ?BARITE

Hand sample is a dark grey, fine-grained fragmental rock, strongly pyritic, locally sheared and sericitic, and cut by local narrow fractures. The rock is not magnetic and shows no reaction to cold dilute HCl, but stains extensively for K-feldspar in the etched slab. Modal mineralogy in thin section is approximately:

Kspar (partly secondary)	60%
Quartz (?partly secondary)	10%
Relict plagioclase (?albite)	10%
Sericite	10%
Opaque (?mainly pyrite)	5-7%
Carbonate (?dolomite/ankerite)	2-3%
Apatite	<1%
Sphene/leucoxene	<1%
?Barite	<1%

This slide is essentially composed of small lithic clasts, mostly <1.5 mm in maximum dimension, and smaller crystal shards of feldspar, lesser recrystallized quartz, and rare apatite, in a matrix of ?quartz, feldspar, sericite and opaque (?pyrite). Narrow fractures are filled by carbonate and locally ?barite.

Lithic clasts have poorly defined, irregular to subangular outlines that are difficult to see because of the similarity to the matrix material, or locally due to alteration. The clasts have remnant porphyritic texture similar to that described for the previous three slides, and contain phenocrysts of feldspar (commonly plagioclase partly to mostly replaced by Kspar, up to 0.5 mm in diameter) and relict mafic sites of similar size (pseudmorphed by sericite, carbonate and opaques such as ?pyrite and leucoxene) in an aphanitic groundmass of quartz, feldspar and sericite. Locally, relict trachytic texture is preserved in some lithic clasts.

Crystal shards are mostly feldspar with euhedral to subhedral outlines rarely over 0.5 mm in diameter, possibly originally ?albitic plagioclase, partly to heavily replaced by Kspar and locally quartz and sericite or carbonate. Some Kspar has the "wooly" texture typical of late-magmatic origin, but much of it pervasively replaces plagioclase crystals and is associated with secondary quartz, sericite and carbonate, suggesting it may be partly of hydrothermal origin (the texture of the yellow-stained areas in etched offcut does not suggest a secondary, hydrothermal origin since there is no evidence of fracture control, at least not at hand specimen scale (larger exposures might show an increase in the proportion of Kspar in the rock). Apatite forms euhedral crystals up to 0.35 mm long; since these also occur as ?phenocrysts in some of the lithic clasts, they are probably primary.

The matrix contains finely comminuted material similar to that described above plus very fine-grained (<20 micron) quartz and feldspar, and is variably sericitic and pyritic, with an apparent increase in sericite content and coarsening of pyrite grain size in sheared areas. A subparallel set of narrow fracture veinlets rarely over 0.15 mm thick is mostly composed of carbonate (subhedra mostly <0.1 mm in diameter, likely dolomite or ankerite to judge by the lack of reaction in hand specimen). Locally, slightly wider veinlets up to 0.5 mm thick are composed of a mineral with the right optical properties for a sulfate such as ?barite or celestite; it forms irregular crystals that are optically continuous for up to 1 mm, poikilitically enclosing all other minerals.

Comments about the origin of the previous three samples also apply to this rock; it is permissive but not conclusive of a diatreme origin.

54022: STRONGLY SILICIFIED, K-FLOODED, SERICITE-?PYRITE ALTERED, SHEARED FINE FRAGMENTAL ROCK (BRECCIATED CHILL MARGIN OR ?DIATREME)

Hand sample shows a light grey-white, fine-grained rock with a weakly foliated or sheared, possibly finely fragmental, texture. It is cut by numerous limonite-stained fractures. The rock is not magnetic and shows no reaction to cold dilute HCl, but virtually the entire etched slab except for scattered small ?quartz crystals and a narrow quartz veinlet, stains yellow for K-feldspar. Modal mineralogy in thin section is approximately:

K-feldspar (largely secondary)	65%
Quartz (partly secondary)	20%
Sericite	10%
Opaque (?pyrite, ?rutile, limonite)	5%

In transmitted light, the fine fragmental nature of this rock is clear, but is less so under crossed polars which tends to emphasize the alteration and shearing. It is not completely clear how much of the fragmentation is primary and how much is due to shattering and shearing; the rock consists of about 50% clasts in a very fine-grained, brownish (limonite stained), altered, locally weakly foliated matrix.

Lithic clasts have subangular to subrounded outlines up to about 3 mm long (generally elongated subparallel to the foliation). They vary from relict porphyritic to relict trachytic in texture, and are mostly strongly altered to quartz and Kspar, with partial destruction of primary texture. Relict former feldspar phenocrysts have subhedral to ragged outlines mostly <0.3 mm but rarely to 1.3 mm in diameter, replaced by finer-grained ?secondary K-feldspar and quartz (locally controlled along microveinlets). Former trachytic textures are also generally strongly overprinted by fine-grained ?secondary Kspar and quartz forming anhedral to subhedral, tightly interlocking decussate crystals <0.1 mm in diameter. The margins of many clasts are also strongly attacked and replaced by the adjacent matrix, with the formation of fine-grained sericite and ?Kspar (negative relief compared to quartz).

Crystal shards include K-feldspar and quartz (both mainly strongly recrystallized to smaller sub-domains) with subhedral outlines generally <0.5 mm in diameter. Many, if not most, of the larger quartz "eyes" in the sample actually appear to be silicified lithic clasts.

The matrix consists of more finely comminuted material of similar character (small, broken shards of feldspar and quartz mostly <0.1 mm in diameter) set in very fine-grained (<15 micron) foliated sericite, ?quartz, ?Kspar and opaques (?pyrite and rutile).

The prominent veinlet (0.75 mm thick) cutting the slide is unusual, composed of fine-grained quartz and sericite both mainly <25 microns in diameter, with minor opaques that may include ?pyrite, ?rutile and limonite. Other narrower veinlets (<0.1 mm thick) are filled by quartz as interlocked anhedra mostly <25 microns in size; later fractures are filled by opaque (limonite).

In summary, this sample appears to be strongly altered (silicified and Kspar flooded, plus sericite-?pyrite altered), as well as strongly fractured (brecciated) to locally sheared rock of ?quartz trachyte composition. It is indeed fragmental, but whether it is actually a diatreme intruded along the chilled margin of the main intrusion or merely a brecciated chill margin would require field evidence to conclusively demonstrate.

WP-90 (1650S, 350E): FELDSPAR-QUARTZ PHYRIC ?QUARTZ TRACHYTE VERY HIGH-LEVEL INTRUSIVE, ALTERED TO SERICITE-CARBONATE-?PYRITE-RUTILE)

Hand sample is a pinkish-grey, quartz-feldspar phyric rock (field exposures are described as locally having fragmental character). The rock is not magnetic and shows no reaction to cold dilute HCl, but there is extensive yellow stain for K-feldspar (both groundmass and phenocrysts) in the etched slab. Modal mineralogy in thin section is approximately:

K-feldspar (?partly late-magmatic)	65%
Quartz (primary; phenocrysts and ?matrix)	15%
Sericite	10%
Plagioclase (?albite)	5%
Carbonate (?ankerite/siderite)	3%
Opaque (limonite, ?pyrite, leucoxene/?rutile)	2%

This slide consists of about 35% K-feldspar, 10% quartz, 5% plagioclase and 5% relict mafic phenocrysts in an aphanitic matrix.

K-feldspar phenocrysts up to 3.3 mm in diameter are mainly euhedral but locally glomeratic, with irregular outlines. Included remnants of vaguely-twinned plagioclase and "wooly" texture of Kspar suggests that the Kspar may be a ?late-magmatic replacement of plagioclase. Some Kspar phenocrysts are rimmed and fractured by fine-grained sericite or in places carbonate, and cores are locally replaced by euhedral, cubic opaques that are likely mainly ?pyrite.

Quartz phenocrysts up to 3 mm in diameter are commonly euhedral or locally broken, with minor resorption features and relatively rare sericitic rims. They are slightly strained (undulose extinction) and fractured.

Plagioclase phenocrysts are euhedral and rarely over 1.5 mm in size, with somewhat vague, irregular twinning and extinction on 010 up to 17 degrees suggesting almost pure albite, An5. Most plagioclase phenocrysts show partial replacement by wooly K-feldspar, and local rimming by fine-grained sericite.

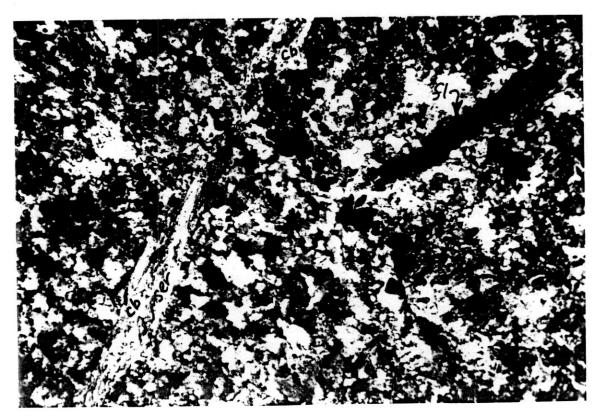
Relict mafic sites have euhdral to subhedral outlines up to 1.2 mm long and are pseudomorphed by sericite (subhedral flakes mostly <25 microns in diameter), carbonate (probably mostly ankerite or siderite to judge by the lack of reaction to HCl in hand specimen, and prominent rusty staining in thin section) plus opaques (mostly red-brown amorphous limonite, locally after euhedral ?pyrite mostly <50 microns in diameter, and in places with minor ?leucoxene or rutile as aggregates of fine-grained, <20 micron material or euhedra respectively).

The matrix consists of very fine-grained (mostly <15 micron diameter) K-feldspar, ?quartz and sericite, locally overprinted by carbonate that forms subhedral crystals rarely over 0.1 mm in diameter. Sericite and locally carbonate replacement of the matrix varies in intensity, in places replacing up to 35% of the matrix. The carbonate patches may be after former small mafic crystals. Criss-crossing sericite fractures, mostly <50 microns thick, partly obscure the primary texture of the matrix.

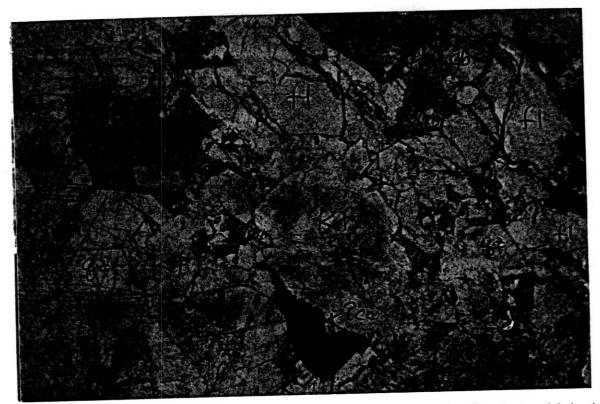
This is a crowded porphyritic rock (55% phenocrysts), and the texture of the groundmass is not clearly that of a hypabyssal intrusive; partly broken crystals and "wispy" textures in the groundmass (caused by sericitic replacement highlighting former ?flow lines or ?fiamme) are suggestive of a tuffaceous origin. Possibly this unit represents a quartz trachyte that is partly high-level intrusive but locally extrusive. This would explain the observed field relations. Alteration is phyllic-propylitic (sericite-carbonate-?pyrite-rutile, assuming that the Kspar replacement of plagioclase is late-magmatic).



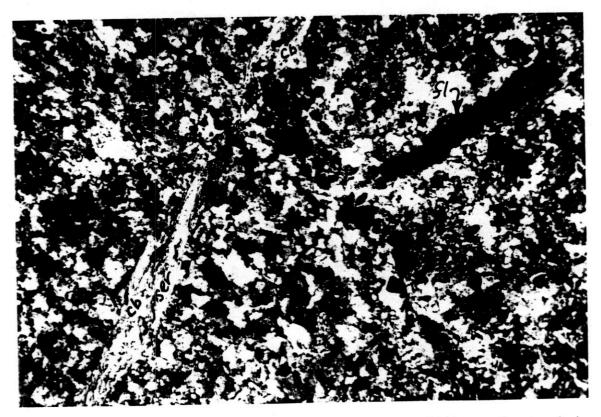
AX02-10 153.8: Vein composed of K-feldspar (Kf), quartz (qz), carbonate (cb), fluorite (fl) and minor ?chalcocite (opaque). Transmitted plane light, field of view 2.5 mm wide (photo under in crossed polars).



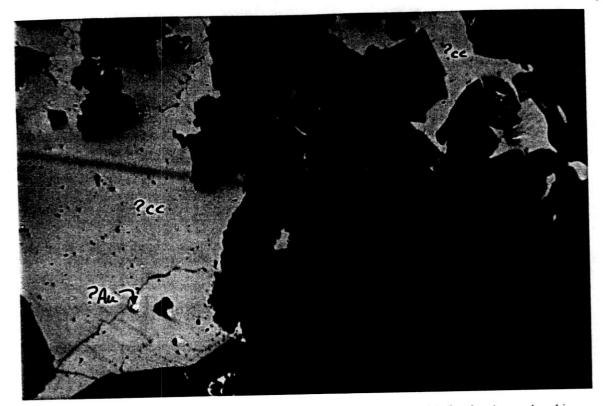
AX02-10 153.8; Intensely altered wallrock composed of fine-grained secondary K-feldspar, carbonate and minor sericite, cut by fractures of sericite (ser), carbonate(cb). fluorite(dark, fl) and pyrite/minor rutile (opaque). Transmitted light, crossed polars, field of view 2.5 mm.



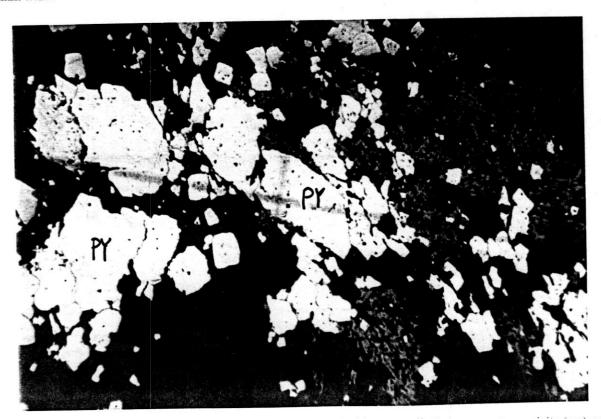
AX02-10 153.8: Vein composed of K-feldspar (Kf), quartz (qz), carbonate (cb), fluorite (fl) and minor ?chalcocite (opaque). Transmitted plane light, field of view 2.5 mm wide (photo under in crossed polars).



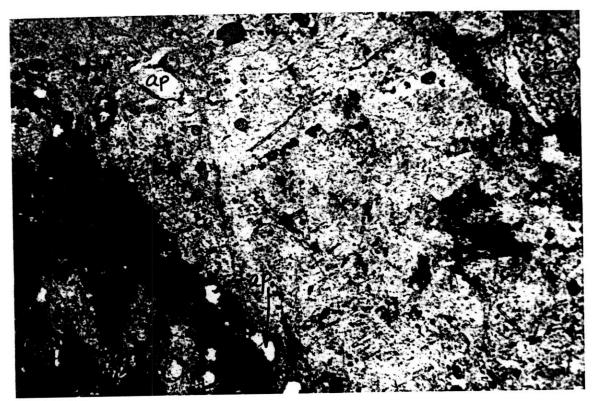
AX02-10 153.8: Intensely altered wallrock composed of fine-grained secondary K-feldspar, carbonate and minor sericite, cut by fractures of sericite (ser), carbonate(cb), fluorite(dark, fl) and pyrite/minor rutile (opaque). Transmitted light, crossed polars, field of view 2.5 mm.



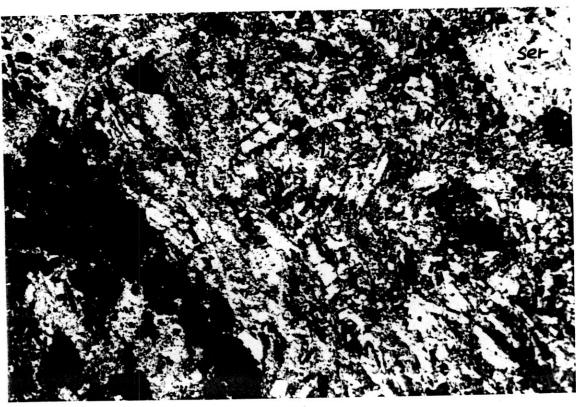
AX02-10 153.8: Irregular aggregates of ?chalcocite, with minute inclusion, possibly ?native Au, enclosed in K-feldspar-quartz-carbonate vein cutting intensely potassic altered ?alkalic syenite. Reflected plane light, field of view 0.7 mm wide.



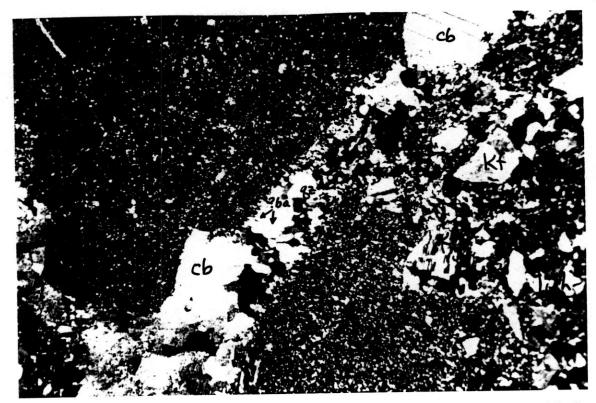
AX02-13 78.4: Somewhat shattered pyrite (py) cuhedra associated with grey rutile (ru) aggregates, sericite (ser) and minor secondary quartz in a larger veinlet cutting trachytic K-feldspar (Kf) rich ?syenite. Reflected plane light, field of view 0.7 mm wide.



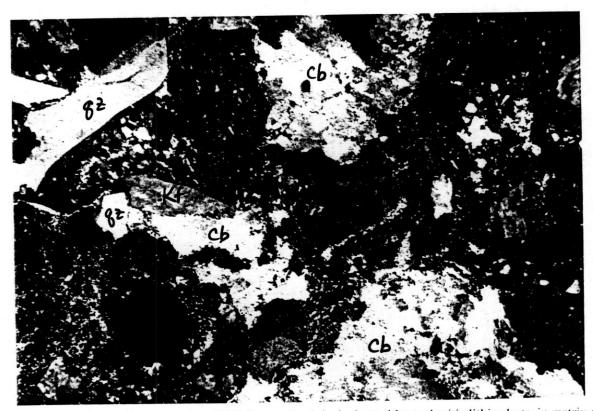
AX02-13 78.4: Pyritic veinlet as above, associated with rutile (also opaque), apatite (clear, ap), and sericite (ser) veinlet with minor pyrite, cutting K-feldspar rich ?syenite containing euhedral apatite crystal. Transmitted plane light, field of view 2.5 mm wide.



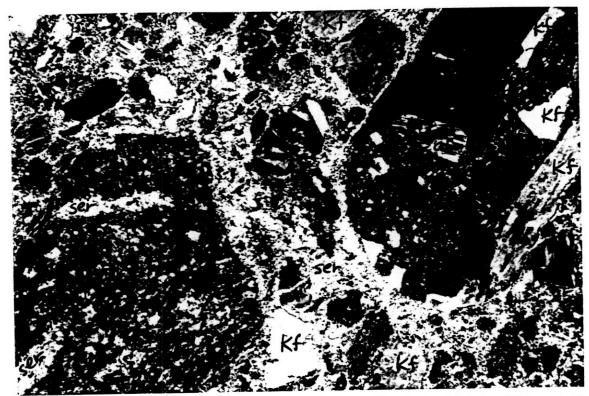
AX02-13 74.8: Same view as above but in crossed polars to show relict trachytic-textured K-feldspar cut by microveinlets (arrowed) of quartz, Kspar, sericite and pyrite, and sericitic veinlet (ser).



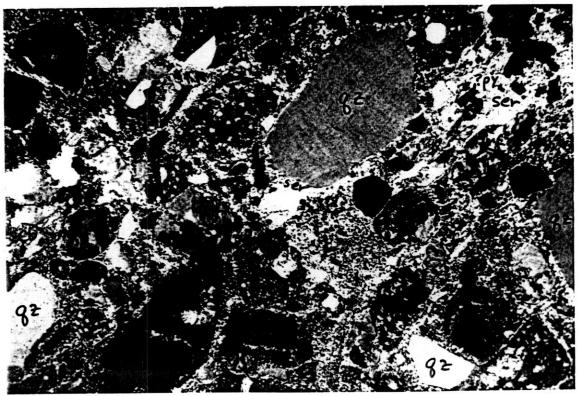
AX02-09 135.5: Shards of K-feldspar after ?plagioclase (Kf) with lithic clasts (lith) and ?cherty clasts (?ch), in hydrothermal matrix of carbonate, quartz and minor ?barite. Transmitted light, crossed polars, field of view 2.5 mm wide.



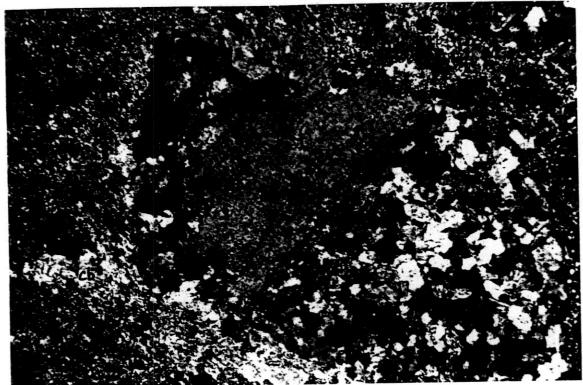
AX02-09 135.5: Shards of quartz (qz) and K-feldspar after ?plagioclase with porphyritic lithic clasts, in matrix of carbonate, quartz, pyrite (opaque) and minor sericite. Transmitted light, partially crossed polars, field of view 2.5 mm wide.



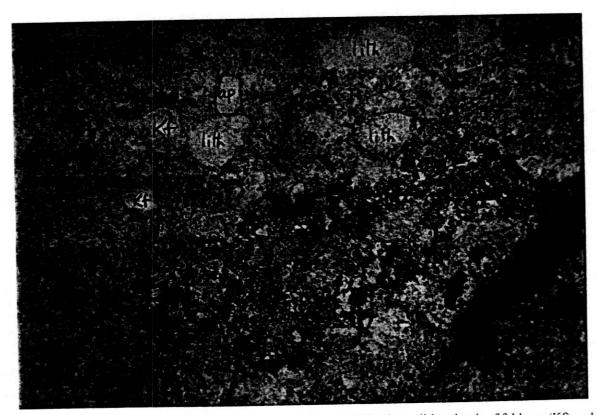
AX02-09 140.2: Lithic clasts of porphyry (with ?late-magmatic Kspar, Kf replacing ?albite) and ?altered (with sericite replacing former ?mafic sites and ?Kspar replacing matrix), plus Kspar crystal shards, in sericitic matrix. Transmitted light, partly crossed polars, 2.5 mm.



AX02-09 140.2: Crystal shards of quartz (qz) and Kspar (Kf), relict ?mafic (now sericite and ?pyrite), altered lithic clast mainly replaced by ?pyrite, in altered matrix of sericite (ser), carbonate (cb) and ?pyrite (opaque). Transmitted light, partly crossed polars, 2.5 mm.



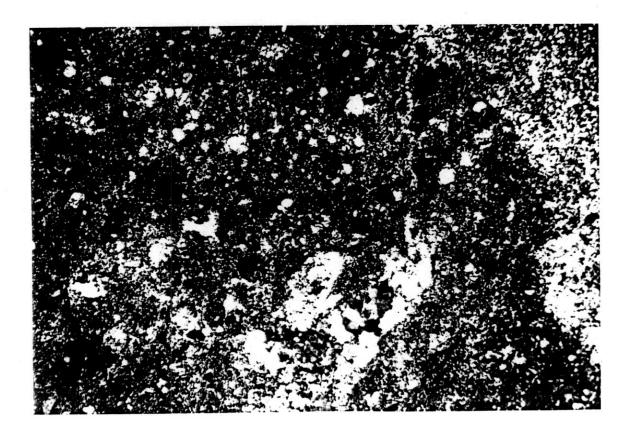
AX02-14 202.0: Lithic clast, strongly replaced by Kspar (Kf) and minor carbonate and opaque (?pyrite) in both phenocryst and matrix, set in matrix of carbonate, ?pyrite and minor sericite. Transmitted light, partly crossed polars. field of view 2.5 mm wide.



AX02-14 102.35: Fine-grained fragmental rock composed of small lithic clasts (lith), shards of feldspar (Kf) and rare apatite (ap), in comminuted matrix of ?quartz, feldspar, sericite and opaque (?pyrite), cut by narrow veinlets of ?barite (?ba) and carbonate (cb). Transmitted plane light, field of view 2.5 mm wide.



54022: Fine fragmental (?brecciated) syenitic rock with fragments of strongly quartz or Kspar altered rock in brownish (limonite-stained) matrix of sericite, Kspar, ?quartz and ?pyrite, cut by veinlet of fine-grained quartz and sericite, and later fractures of quartz or limonite. Transmitted plane light, field of view 2.5 mm wide.



54022: Same view as above but in crossed polars to show destruction of texture by overprinting of sericite-?quartz-?kspar alteration, and fine-grained texture in vein.

APPENDIX 8 ROCK SAMPLE DESCRIPTIONS

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Surface	Sam	nie i	JOSET	เกนกทร
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Sample	Sample		Collected	UTM	NAD 83	Ī	Outrade Campie Descriptions	Au	Ag	Al	Ās	В	Ва	Вe	Bi	Ca	Cd	Co
Number	Туре	Date	Ву		Northing	Elevation	Description	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
54001	Grab	Aug. 8	GA / DD	315111	6205785	1640	Orthoclase-Plagioclase-Biotite Dyke as intersected in hole AX87-01 ('Dacite Dyke') Possible host to gold mineralization. Amygdaloidal feldaspar-biotite porphyry with an overall redbrown colour, and a very hard k-spar altered aphanitic groundmass hosting; 20% 1-3mm grey stubby anhedral orthoclase phenocrysts, 10-15% laths and euhedral prisms of plagioclase (?) to 1mm generally altered to carbonate and sericite, 5-7% euhedral black to pink-brown euhedral biotite, 5-8% rounded cabonate amygdules up to 4mm (average 2mm), and <1% disseminated pyrite.	1.51	<0.2	0.26	213	<10	80	<0.5	2	1.93	0.6	9
54002	Grab	Aug. 8	GA / DD	315276	6206000	1517	Intrusive Breccia (?) Medium yellowish-grey aphanitic medium hard (can scratch) matrix, probably composed of a matrix of feldspar and sericite. Matrix hosts angular fragments of a very hard light to dark grey aphanitic material, some with very fine-grained disseminated blue-grey metallic mineral (1% overall). 3% disseminated pyrite in matrix. Sporadic patches of fuchite.	0.008	0.2	0.24	47	<10	110	6.0	<2	3.28	<0.5	22
54003	Grab	Aug. 8	GA / DD	315667	6206016	1754	Quartz-Feldspar Porphyry On ridge above AX02-09. Medium greenish-brown hard (K-spar altered?) fine-grained groundmass composed of sericite and carbonate-altered plagioclase. Groundmass hosts roughly 5% each of: stubby subhedral equidimensional k-feldspar phenocrysts to 5mm (average 3-4mm), and generally rounded quartz eyes (possible amygdules?) to 4mm. <1% very fine-grained disseminated pyrite.	0.025	<0.2	0.35	93	<10	380	<0.5	<2	0.11	<0.5	4
54004	Chip / 2m	Aug. 9	GA / DD	315579	6206012		On AX02-09 profile traverse. Brownish-grey soft calcareous sericitic fine-grained groundmass hosting 15% soft brownish subhedral phenocrysts up to 0.5mm of altered plagioclase and probably biotite. Cut by stockwork of brown weathering carbonate with stringers to 5mm. The rock is probably a KPBP - orthoclase-plagioclase-biotite porphyry.	0.135	0.2	0.11	144	10	320	1.4	<2	>15.0	1.2	4
54005	Grab	Aug. 9	GA / DD	315609	6206019		Feldspar-Biotite Porphyry (KPBP) Orange-brown very hard aphanitic groundmass (probably K-spar altered) with: 30% stubby anhedral orthoclase to 3mm (average 1-2mm), 15% soft sericite-carbonate altered generally euhedral prisms and laths of plagioclase to 1mm, 5-8% pale pink-grey to black carbonate-sericite altered biotite in ehedral books to 1mm, and traces of disseminated PY. Carbonate stringers along joints at 348/70NE.	0.151	<0.2	0.27	703	<10	110	0.8	2	3.27	<0.5	14
54006	Grab	Aug. 9	GA / DD	315584	6206001	1698	Feldspar-Biotite Porphyry (KPBP) Much as above but slightly darker colour. Weakly magnetic. Shattered and well jointed at: 278/42NE.	0.154	<0.2	0.49	246	10	320	1.6	<2	6.26	0.8	10
54007	Grab	Aug. 9	GA / DD	315594	6205995	1700	Feldspar-Biotite Porphyry (KPBP) Groundmass is a medium grey-brown sporadically hard to soft fine-grained crystalline aggregate of K-spar altered feldspar (?) with a sericite-carbonate overprint. The matrix hosts: 30% stubby anhedral blue-grey K-spar phenocrysts to 5mm (average 2-3mm), 10-15% fine subhedral to euhedral prisms and laths of plagioclase altered to sericite and carbonate, 7-8% euhedral-subhedral black to grey altered biotite, and 1-2% fine-grained disseminated pyrite.	0,134	<0.2	0.55	254	10	260	1.6	<2	5.95	0.8	10
54008	Grab	Aug. 9	GA / DD	315580	6205961	1665	Feldspar-Biotite Porphyry (KPBP) Mottled grey to brown-grey very hard K-spar altered groundmass hosting: 25% light blue to greenish-grey anhedral stubby primatic to equidimentional orthoclase, 15% euhedral laths and prisms of altered plagioclase to 2mm (average 1mm), 5-8% euhedral <1mm black to grey biotite phenocrysts, and 1% disseminated pyrite. Minor orange-weathering carbonate stringers.	0.201	<0.2	0.27	534	10	100	0.6	<2	3.67	0.5	13
54009	Grab	Aug. 9	GA / DD	315571	6205964	1702	Feldspar-Biotite Porphyry (KPBP) Much as above but with 3-5% disseminated pyrite.	0.164	0.3	0.28	534	10	100	1.2	<2	3.97	0.6	20
54010	Grab	Aug. 9	GA / DD	315556	6205882	1707	Clastic Rock, Possible Intrusion Breccia (SYIB) Medium grey to brownish-grey (limonitic surface stain?) fragmental rock. It was initially thought to be a coarse-grained immature sandstone, but it may be a syenite diatreme breccia. Fragments are generally subrounded to subangular, light grey to dark blueish-grey, hard, and up to 4mm in diametre (average <1mm); possibly orthoclase crystal fragments. Some fragments are feldspar-phyric. Rare possible quartz grains. Some fragments contain up to 10% fine-grained pyrite (<1% PY overall). The groundmass appears to be fragmental as well. It is relatively soft and composed of sericite and carbonate.	0.021	<0.2	0.45	142	10	170	1.4	7	1.65	<0.5	11
54011	Grab	Aug. 9	GA / DD	315541	6205861	1694	Feldspar-Biotite Porphyry (KPBP) Much as KPBP units above. Very hard. K-spar phenocrysts up to 7mm (average 2-3mm), plagioclase prisms to 3mm (average 1mm) and 2% PY.	0.113	<0.2	0.23	1195	10	260	0.6	<2	4.73	06	11

Surface Sample Descriptions

Sample	Sample	Date	Collected	I .	NAD 83	Elevation	Description	Au	Ag	Al	As	В	Ba	Be	Bi	Са	Cd	Со
Number	Type		Ву	Easting	Northing			ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
54012	Grab	Aug. 9	GA / DD	315098	6206255	1527	Medium-Grained Syenite Porphyry (SMGP) From profile along section for proposed hole AXP02-P. Sample collected from a prominent bluff of gossanous pyritic and K-spar altered syenite near AX87-05. Medium grained syenite porphyry with a medium blue-grey very hard K-spar altered groundmass hosting. 20% subhedral light grey orthoclase prisms to 5mmx3mm (average 2-3mm), 5% light grey to white fine-grained (<1mm) sericite (clay?) altered mafic or plagioclase phenocrysts, 5-6% fine-grained disseminated pyrite, and <1% fine-grained dark blue-grey to black metallic mineral associated with the pyrite.	0.369	4.2	0.25	103	<10	60	0.8	3	0.12	<0.5	4
54013	Grab	Aug. 10	GA / DD	315066	6206198	1569	Megacrystic Syenite Porphyry (SYMC) From along profile for proposed hole AXP02-P. Orthoclase prisms to 4cm x 1cm in a medium-grained syenite. Megacrysts are fractured and filled with goethite. Fractures do not extend into the matrix. 5% fine-grained pyrite in the matrix, 3-4% overall. <1% very fine-grained blue-grey metallic mineral with the pyrite.	0.076	<0.2	0.32	20	10	300	0.9	2	2.33	<0.5	15
54014	Grab	Aug. 10	GA / DD	314890	6206243	1638	Quartz-Bearing Clastic; Possibly a Diatreme Breccia Near top of cliff on profile for AXP02-R. Host rock of megacrystic syenite. Hand specimen of gossanous weathering breccia. Relatively soft sericitic altered aggregate of orthoclase crystal fragments and roughly 10% rounded quartz grains (eyes?) averaging 1mm. Initially thought to be a C-G sediment or luff, but possibly a felsic diatreme.	0.016	0.6	0 26	74	<10	100	0.5	6	0.03	<0.5	2
54015	Grab	Aug. 11	GA / DD	314611	6206820	1619	Megacrystic Syenite Porphyry (SYMC) and Medium-Grained Syenite Porphyry (SMGP). Near foresight profile of AX02-10 at 350S, 035E. Mottled light to medium blue-grey megacrystic syenite with 25 - 30% 1-3cm orthoclase phenocrysts and 1-2% fine-grained disseminated pyrite in the matrix. Also present is a finer-grained syenite porphyry with 30% 1-2mm rounded stubby anhedral orthoclase, 5% white, soft, sericite and calcite-altered plagioclase prisms and laths up to 0.5mm long, and 3% disseminated pyrite. Traces of fine-grained dark blue-grey metallic mineral.	0.051	1.5	0.31	89	10	130	0.7	10	0.57	<0.5	6
54016	Grab	Aug. 11	GA / DD	314622	6206644	1590	Feldspar-Biotite Porphyry (KPBP) On foresight profile of AX02-11. Brown-grey moderately soft sericitic groundmass with sporadic K-spar alteration, hosting 1mm blue-grey orthoclase and orange-weathering euhedral to subhedral carbonate and sericite-altered plagioclase and biotite. Traces of disseminated pyrite.	0.007	<0.2	0.44	27	<10	120	0.8	<2	3.67	0.6	11
54017	Grab	Aug. 11	GA / DD	315327	6206274	1507	Feldspar-Biotite Porphyry (KPBP) Talus or C-horizon at anomalous soil sample site at 1250S, 175E. The rock has a hard, k-spar altered (?) (+/- sericite) dark brown groundmass with: 20% stubby anhedral grey orthoclase to 2mm in diameter, 20% orange carbonate and sericite-altered plagioclase laths and prisms to 2mm (average <1mm), 5% euhedral black biotite, and 1% magnetite.	<0.005	<0.2	0.76	9	10	800	1.5	<2	2.63	0.5	13
54018	Chip / 2m	Aug. 13	GA / DD	314312	6206714	1687	Medium-Grained Syenite Porphyry (SMGP) Strongly gossanous very hard K-spar altered medium-grained orthoclase pophyry. Orthoclase obscure. Near a shear zone at 295/57NE.	0.04	0.2	0.23	114	<10	120	0.7	2	0.09	<0.5	1
54019	Grab	Aug. 13	GA / DE	314385	6206612	2	Medium-Grained Syenite Porphyry (SMGP) Strongly gossanous blue-grey sericitic altered medium-grained orthoclase porphyritic syenite near sediment contact in creek just below tarn. Textures obscure. 2% disseminated pyrite.	0.009	<0.2	0.27	81	<10	160	0.5	<2	0.2	<0.5	2
54020	Grab	Aug. 17	GA	314482	6207845		Clastic Rock, Possible Syenite Intrusion Breccia (SYIB) From 354N, 1092 E on the Gab grid. 9g Au soil anomaly at 350N, 1075E (no outcrop). Gossanous light greenish-grey fragmental rock with a fine-grained groundmass consisting of a hard to moderately sooft aggregate of sericite and K-spar (+quartz?). Vaguely bounded subangular greenish-grey fragments could be aphanitic volcanic or possibly orthoclase crystal fragments.	0.018	<0.2	0.27	123	<10	310	<0.5	2	0.03	<0.5	3
54021	Grab	Aug. 28	GA/JN	314239	6206818	3	Syenite Sample collected by Joanne Nelson. Syenite (?) with abundant greenish mica. Collected to check for districtive elements to determine mineralogy. Roscoelite is enriched in vanadium, and fuchsite and mariposite are Cr enriched.	0.185	0.4	0.26	272	<10	330	0.6	<2	0.01	<0.5	1
54022	Chip / 2m	Aug 26	GA/MG	314270	6206744		Syenite Intrusion Micro Breccia (SIMB) Gossanous-weathering light to medium bluegrey very fine-grained clastic. Roughly 15% angular to rounded (generally subrounded grey grains (orthoclase crystal fragments?) rarely up to 2mm but averaging ,0 5mm, in a finer-grained granular groundmass. Generally moderately soft, non calcareous, therefor probably sericitic 2-3% fine-grained disseminated pyrite. The outcrop is at the syenite-sediment contact, and is foliated parallel to the contact at 320/76NE. The rock has the appearance of a chill margin, but is clearly a clastic. It could be a diatreme breccia formed along the intrusion margin.	0 095	1	0.31	91	10	100	0 9	2	0.01	<0.5	4

Surface Sample Descriptions

Sample	Sample	Cr	Cu	Fe	Ga	Hg	К	La	Mg	Mn	Мо	Na	Ni	Р	Pb	S	Sb	Sc	Sr	Ti	TI	U	V	W	Zn
Number	Type	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
54001	Grab	55	46	4.36	<10	<1	0.11	10	0.56	618	1	0.1	10	1550	22	2.66	2	7	503	0.01	<10	<10	30	<10	139
54002	Grab	60	44	3.32	<10	2	0.16	<10	2.95	612	2	0.04	183	240	9	1.52	12	8	890	<0.01	<10	<10	20	<10	23
54003	Grab	49	13	1.43	<10	<1	0.23	10	0.06	175	51	0.09	34	450	22	0.2	2	1	45	<0.01	<10	<10	5	<10	32
54004	Chip / 2m	6	12	2.81	<10	1	0.08	10	8.2	2260	<1	0.02	5	600	13	0.35	29	4	3470	<0.01	<10	<10	74	<10	33
54005	Grab	30	56	3.59	<10	6	0.24	20	0.91	672	2	0.02	12	2110	17	1.54	33	10	1065	<0.01	<10	<10	46	<10	66
54006	Grab	23	54	3.37	<10	7	0.37	20	2.86	1055	2	0.06	8	1730	24	0.68	20	8	949	0.03	<10	<10	56	<10	59
54007	Grab	29	57	3.42	<10	8	0.41	20	2.72	1065	2	0.06	8	1700	23	0.62	24	8	986	0.03	<10	<10	62	<10	63
54008	Grab	26	64	3.69	<10	8	0.22	20	1.25	790	1	0.06	11	2390	15	2.08	45	10	1320	<0.01	<10	<10	35	<10	59
54009	Grab	40	79	3.89	<10	2	0.22	10	2.23	753	2	0.02	160	1100	37	1.61	54	12	1240	<0.01	<10	<10	43	<10	76
54010	Grab	46	26	2.2	<10	2	0.28	10	1.22	507	2	0.04	91	400	20	0.55	20	4	624	<0.01	<10	<10	12	<10	49
54011	Grab	29	63	2 63	< 10	24	0.15	20	1.81	831	<1	0.08	9	2250	15	0.65	32	9	1440	<0.01	<10	<10	38	<10	65

Surface Sample Descriptions

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Sample Number	Sample	Cr	Cu ppm	. lе %	Ga ppm	Hg	K %	La	Mg %	Mn ppm	Mo	Na %	Ni	P	Pb	S	Sb	Sc	Sr	Ti	TI	U	V	W	Zn
Number	Туре	ppm	рріп	20	ppm	ppm	70	ppm	76	рріп	ppm	70	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
54012	Grab	32	174	3.82	<10	<1	0.36	20	0.21	29	11	0.06	5	1120	97	3.07	237	1	125	<0.01	<10	10	26	<10	38
54013	Grab	59	30	2.33	<10	<1	0.24	10	1.12	669	1	0.05	89	1660	19	0.75	11	4	458	<0.01	<10	<10	17	<10	46
54014	Grab	29	33	2.63	<10	1	0.19	30	0.05	20	8	0.09	4	550	70	1.21	21	1	108	<0.01	<10	<10	9	<10	13
54015	Grab	34	28	3	<10	1	0.19	30	0.07	431	39	0.06	12	1250	73	1.32	6	1	116	<0.01	<10	<10	8	<10	48
54016	Grab	15	86	3.94	<10	<1	0.2	30	1.15	1015	<1	0.13	8	2970	19	0.15	4	8	661	0.01	<10	<10	31	<10	65
54017	Grab	38	58	3.47	10	<1	0.58	30	1.16	1025	1	0.09	11	2270	21	0.03	6	7	581	0.07	<10	<10	71	<10	83
54018	Chip / 2m	39	23	2.27	<10	1	0.19	20	0.03	39	12	0.04	6	930	76	0.98	5	1	91	<0.01	<10	<10	8	<10	17
54019	Grab	32	8	2.01	<10	1	0.17	30	0.06	155	4	0.05	8	840	28	1.02	3	1	99	<0.01	<10	<10	3	<10	18
54020	Grab	86	18	1.84	<10	<1	0.2	20	0.05	39	3	0.04	34	420	182	0.37	89	1	61	<0.01	<10	<10	5	<10	29
54021	Grab	68	8	1,6	<10	<1	0.45	10	0.03	11	5	0.02	12	450	11	0.59	6	2	27	<0.01	<10	<10	9	<10	4
54022	Chip / 2m	38	27	2.1	< 10	1	0.33	40	0.03	16	9	0.05	7	300	55	1.52	5	1	84	<0.01	<10	10	7	<10	26

APPENDIX 9 WHOLE ROCK ANALYSES

Cample Number	Hole ID	From (m)	To (m)	Certificate No.	Company	Date	Sample Type	Rock Type	Rock Name	Easting (NAD 83	Porthing (NAD 83	Al2O3	CaO	Cr2C
Sample Number	HOIR ID	11088 (83)	10 (11)	A9750056	Rubicon	1997	Bedrock Grab	4F	Megacrystic Orthoclase Syenite Porphyry	314358	6206948	12.94	8.63	0.0
0000				A9750056	Rubicon	1997	Bedrock Grab	4G	Medium-Grained Orthoclase Syenite Porphyry	314314	6206856	13.99	8.06	0 (
0001				A9750056	Rubicon	1997	Bedrock Grab	4G	Medium-Grained Orthoclase Syenite Porphyry	314290	6206814	9.2	14.81	0.0
0002				A9750056	Rubicon	1997	Bedrock Grab	5C	Hornblende Diorite	314428	6207098	14.5	6.46	
0003	ļ			A9750056	Rubicon	1997	Bedrock Grab	3C	Andesite Lapilli Tuff	314464	6207104	14.91	6.82	0.0
0004				A9750056	Rubicon	1997	Bedrock Grab	3D	Felsic Lapilli Tuff	314368	6207568	13.55	7.11	
0005				A9750056	Rubicon	1997	Bedrock Grab	4G	Medium-Grained Orthoclase Syenite Porphyry	314414	6206604	15.31	4.42	
0006				A9750056	Rubicon	1997	Bedrock Grab	2A	Serpentinite	314286	6206638	1.1	0.29	
0007				A9750056	Rubicon	1997	Bedrock Grab	4C	Felsite	314446	6206540	15 45	3.89	< 1
0008				A9750056	Rubicon	1997	Bedrock Grab	4C	Felsite	314628	6206616	16.43	4.31	<
00009				A9750056	Rubicon	1997	Bedrock Grab	5C	Diorite dyke cross-cutting syenite; Hb, Mt	314816	6206670	17.09	0.73	
30010 30011				A9750056	Rubicon	1997	Bedrock Grab	3D	Felsic Lapilli Tuff / Conglomerate, abundant fuchsite	315358	6206603	12.94	2.78	
	ļ			A9750056	Rubicon	1997	Bedrock Grab	4C	Felsite. Chill margin to feldspar porphyry	315414	6206636	13.95	4.1	
30012 30013				A9750056	Rubicon	1997	Talus	4F	Megacrystic Orthoclase Syenite Porphyry	315422	6206656	16.02	4.42	
30013	 			A9750056	Rubicon	1997				L		17.53	2.53	
10015	 			A9750056	Rubicon	1997						16.31	2.95	
	 			A9750056	Rubicon	1997	Talus	5A	Dacite dyke; f-m grained, sub-aplitic, 10% biotite	315062	6205750	14.26	6.88	
0016 0017				A9750056	Rubicon	1997	Bedrock Grab	5A	Dacite dyke; f-m grained, sub-aplitic, 10% biotite	315166	6205784	15.8	5.05	
				A9750056	Rubicon	1997	Talus	4F	Megacrystic Orthoclase Syenite Porphyry	315420	6205886	14.5	5.63	
0018	ļ 			A9750056	Rubicon	1997	Bedrock Grab	4C	Felsite (dyke?)	314526	6206080	15.4	5.63	<u> </u>
10019		 		A9750056	Rubicon	1997	Bedrock Grab	5C	Dacite dyke: medium-grained with biolite	315220	6205388	15.33	4.55	
30020				A9750056	Rubicon	1997	Bedrock Grab	5C	Dacite dyke: fine to medium-grained with biotite	315358	6205508	14.74	5.61	
0021	AX87-1	32.46	36 RF	A9750046	Rubicon	1997	Core	5A	Fsp ppy dyke. 3-5% diss py, silicified	315165	6205824	16.97	0.05	
RMC 30006 RMC 30007	AX87-1	79.55	30.00	A9750046	Rubicon	1997	Core	5A	Fsp ppy dyke	315146	6205799	14 17	7.48	0
RMC 30007	AX87-2	100.58	101.8		Rubicon	1997	Core	5A	Porphyritic Dyke (andesite?)	315123	6205982	12.92	7.62	
RMC 30003	AX87-2	86.26	91.44		Rubicon	1997	Core	5Å	Fsp ppy dyke. 3-4% diss py	315131	6205987	14.72	5.41	
RMC 30005	AX87-2	84.43	91.44		Rubicon	1997	Core	5A	Fsp ppy dyke. 3-4% diss py	315131	6205987	15.37	5.44 5.4	1 <.
NBC 47963	AX87-3	21.94	24 99	A9531179	Cyprus	1995	Core	4F	Altered Megacrystic Orthoclase Syenite Porphyry	315271	6206184	14.96		
NBC 47968	AX87-3	37.18		A9531179	Cyprus	1995	Core	4F	Altered Megacrystic Ortho. Syenite; in gold zone	315270	6206174	11.49	6.87	
NBC 47969	AX87-3	37.59		A9532902	Cyprus	1995	Core	4F	Altered Megacrystic Ortho, Syenite; in gold zone	315270	6206173	14.26	4.87	
NBC 47973	AX87-3	49.38	52.42	A9531179	Cyprus	1995	Core	4F	Less Altered Megacrystic Orthoclase Syenite Ppy	315269	6206164	15.04	2.22	
NBC 47978	AX87-3	64.61	67.66	A9531179	Cyprus	1995	Core	4F	Less Altered Megacrystic Orthoclase Syenite Ppy	315267	6206154	14.5	3.98	
NBC 47983	AX87-3	79.85	82 9	A9531179	Cyprus	1995	Core	4F	Less Altered Megacrystic Orthoclase Syenite Ppy	315266	6206143	14.23	5.03	
IBC 47988	AX87-3	98.14	101.19	A9531179	Cyprus	1995	Core	4F	Less Altered Megacrystic Orthoclase Syenite Ppy	315264	6206130	14.87	3.73	
NBC 47882	AX87-4	46.94	50.9	A9531560	Cyprus	1995	Core	4G	Altered syenite.	315271	6206183	14.05	4.0	
NBC 47883	AX87-4	50.9	53.99	A9531560	Cyprus	1995	Core	4G	Altered syenite.	315271	6206182	13.63	3.36	
NBC 47837	AX87-5	6.1	9.3	A9531177	Cyprus	1995	Core	4G	Altered syenite. Generally f-g but some megacrystic	315196	6206266	14.15	5.19	
NBC 47838	AX87-5	9.3	11.00	A9532902	Cyprus	1995	Core	4G	Attered syenite. Generally f-g but some megacrystic	315195	6206264			
NBC 47841	AX87-5	15.85		A9531177	Cyprus	1995	Core	4G	Altered syenite. Generally f-g but some megacrystic	315191	6206262	12.75	4.82	
NBC 47847	AX87-5	30.48	32.3	A9531177	Cyprus	1995	Core	4G	Altered syenite. Generally f-g but some megacrystic	315185	6206254	14.77	2.1	
NBC 47852	AX87-5	45.26	49.3	A9531177	Cyprus	1995	Core	4F	Megacrystic Orthoclase Syenite Porphyry	315178	6206245	15.99	2.70	
NBC 47857	AX87-5	61.57		A9531177	Cyprus	1995	Core	4F	Megacrystic Orthoclase Syenite Porphyry	315170	6206237	14.71	3.79 2.9	7 0
NBC 47862	AX87-5	76.81	79.8	A9531177	Cyprus	1995	Core	4G	Altered syenite.	315163	6206229	15.28		
NBC 47867	AX87-5	91.13	95.0	9 A9531177	Cyprus	1995	Core	4F	Megacrystic Orthoclase Syenite Porphyry	315156	6206221	15.54	2.9	5 6
NBC 47847a	AX87-5 ?			A9532902	Cyprus	1995	Core	ļ		011760	2020000	15.01 14.77	0.7	
NBC 47952	AX87-6	72.25	73.7		Cyprus	1995	Core	4G	Medium-Grained Orthoclase Syenite Porphyry	314750	6206609 6207776	18.18	1.5	
RMC 30000	AX87-7	4.88		A9750046	Rubicon	1997	Core	3D	Andesite lapilli tuff	314455	6207764	14.61	0.0	
RMC 30001	AX87-7	39.93		A9750046	Rubicon	1997	Core	3C	Dacite lapilli tuff	314434	6207767	15.31	0.0	
RMC 30002	AX87-7	32.92		A9750046	Rubicon	1997	Core	3C	Dacite lapilli tuff	314438		14.37	0.0	
AX-00001				A9524259	Rubicon	1995	Bedrock Grab	3D	Andesite lapilii tuff, gossanous, 1-3% Py	314369 314351	6207062 6207044	14.37	0.0	
AX-00002				A9524259	Rubicon	1995	Bedrock Grab	3D	Andesite lapilli tuff, gossanous, 1-3% Py			15.16	3.0	
AX-00003				A9524259	Rubicon	1995	Bedrock Grab	3D	Andesite lapilii tuff, gossanous, 1-3% Py	314351 314351	6207044 6207044	14.51	0.1	
AX-00004		l		A9524259	Rubicon	1995	Bedrock Grab	3D	Andesite lapilli tuff, gossanous, 1-3% Py	314606	6206734	17.29	1.20	
AX-00005	1	ļ	L	A9524259	Rubicon	1995	Talus	4G	Syenite	314606	6206734	17.7	0.0	
AX-00006		l		A9524259	Rubicon	1995	Talus	4 <u>G</u>	Syenite	314606	6206734	17.16	2.7	9
4X-00007		ļ		A9524259	Rubicon	1995	Talus	4G	Syenite	314740	6206660	16 92	0.6	
X-00008	1	L		A9524259	Rubicon	1995	Talus	4G	Syenite	315347	6206085	901	2.1	
X-00009		1		A9524259	Rubicon	1995	Corp 2/	les.	Dacita Parobyoy (assumed)	315158	6206000	9.41	4.9	
XC-20001	AX87-2 (?)	ļ.,	ļ	A9524252	Rubicon	1995	Core ? (assumed		Dacite Porphyry (assumed)	315158	6206000	13.6	7.8	
XC-20002	AX87-2 (?)	L	L	A9524252	Rubicon	1995	Core ? (assumed		Dacite Porphyry (assumed)	315158	6206000	9 83	2.4	
XC-20003	AX87-2 (?)			A9524252	Rubicon	1995	Core ? (assumed		Dacite Porphyry (assumed)	315273	6206162	13.68	5.	6
XC-30001	AX87-3 (?)		.l	A9524252	Rubicon	1995	Core ? (assumed		Megacrystic Orthoclase Syenite Porphyry	315273	6206162	13.58	4.9	
XC-30002	AX87-3 (?)	1	<u> </u>	A9524252	Rubicon	1995	Core ? (assumed		Megacrystic Orthoclase Syenite Porphyry	315175	6206241	14.29		
XC-50001	AX87-5 (?)	ļ	 	A9524252	Rubicon	1995	Core ? (assumed		Syenite	315175	6206241	14.5	4.3	
XC-50002	AX87-5 (?)	ļ		A9524252	Rubicon	1995	Core ? (assumed		Syenite	315175	6206241	15.5	23	
XC-50003	AX87-5 (?)	.	1	A9524252	Rubicon	1995	Core ? (assumed		Syenite	314760	6206611	14 64	0.5	
XC-60001	AX87-6 (?)		I	A9524252	Rubicon	1995	Core ? (assumed		Syenite	314760		14 62	0.2	
XC-60002	AX87-6 (?)		1	A9524252	Rubicon	1995	Core ? (assumed		Syenite		6206611 6206611	14.85	0.6	
XC-60003	AX87-6 (?)		1	A9524252	Rubicon	1995	Core ? (assumed		Syenite	314760				
4202	AX02-09	21 55		VA02003821	Rubicon	2002	Core	SMGP	Syenite; medium to coarse-grained porphyry	315598	6206029	13.95	19	
4238	AX02-09	87.45		VA02003821	Rubicon	2002	Core	D/MA	Mafic Dyke	315582	6205985	13.54	4.9	
4244	AX02-09	100 87	7	VA02003821	Rubicon	2002	Core	KPBP	Orthoclase-plagioclase-biotite porphyry	315579	6205976	13 96	5 3	
4277	AX02-10	16 77		VA02003821	Rubicon	2002	Core	SMGP	Syenite; medium to coarse-grained porphyry	314623	6206720	11 82	3.2	
4285	AX02-10	32 01	1	VA02003821	Rubicon	2002	Core	SYIB	Syenite intrusion breccia (possible diatreme)	314624	6206730	15.2	0.5	
4306	AX02-10	80.00	51	VA02003821	Rubicon	2002	Core	SMGP	Syenite, medium to coarse-grained porphyry	314629	6206764	14 12	. 0.9	
				VA02003821	Rubicon	2002	Core	SYAP	Syenite, aphanitic to fine-grained crystalline (felsite)	314633	6206794	15.6		78

Rubicon Minerals Corporation
Axelgold Project

Control Cont	Sample Number	Hole ID	From (m)	Fe2O3	K20	MgO	MnO	Na2O	P2O5	SiO2	TiO2	LOI	TOTAL	Ba (%)	Rb (%)	Sr (%)	Nb (%)	Zr (%)	Y (%)	CO2 % (inorg.	FeO (%)	Ce (ppm)	Dy (ppm)	Er (ppm)
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NBC 47852 AA87-5 61-57 48 12-59 164 0.99 27-73 0.32 52-75 0.66 64.2 98-75 5500 298 3960 28 51-69 38																				<u> </u>		ļ	-	
NBC 47867 AA87-5 61 57 4 88 12.5 8 164 0.09 0.5 66 0.17 52.1 8 0.57 5.94 97.2 6850 316 3780 24 397 28 NBC 47867 AA87-5 76.81 4.95 11.42 14.1 0.11 17.5 0.22 5.02 0.44 0.37 39.8 5.250 284 1330 22 488 35 136																					 	 	-	
NBC 47867 A,887-5 76.61 4.95 11.42 141 0.11 1.75 0.22 53.02 0.04 0.317 39.6 5250 294 1330 28 450 32 NBC 47867 A,887-5 9.113 4.8 6.06 1.91 0.11 3.01 0.32 53.0 0.06 5.78 65.3 9850 268 15220 14 522 36 3.8 0.73 NBC 47867 A,887-6 72.25 2.0 6.5 1.3 0.04 2.71 0.11 2.21 0.35 3.0 3.07 3.00 3.																				š	1	 		
NBC 474747	NBC 47862						0.11	1.75	0.22							1330			32	2	1			
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NBC 47893 AX87-4 50.9	NBC 47882																
NBC 47837																	
NBC 47838																	tt
NBC 47847 AX87-5 30.46	NBC 47838	AX87-5															
NBC 47852	NBC 47841	AX87-5															
NBC 47852 AA87-5 61 57																	
NBC 47882																	
NBC 47887																	
NBC 47847a	NBC 47862																
NBC 47952	NBC 47867		91.13														
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RMC 30001 AX87-7 39.93 RMC 30002 AX87-7 37.97 AX.00001 AX.00003 AX.00003 AX.00005 AX.00006 AX.00006 AX.00006 AX.00007 AX.00008 AX.00008 AX.00009 AX.00009 AX.00009 AX.00009 AX.0000000 AX.0000000 AX.0000000 AX.0000000000	PMC 30000																
RNC 30002	RMC 30001		30.03														
AX-00001	RMC 30002		32.92		·							···					
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AX-00003																	
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AXC-20003 AX87-2 (?)	AXC-20001	AX07-2 (?)				i											
AXC-30001 AXB7-3 (?)	AXC 20002	AA07-2 [?]															
AXC. 30002	AXC-20003	AX87.3 (2)															
AXC-50001 AX87-5 (?)													ļ				
AXC-50002 AX87-5 (?)																	
AXC.50003																	
AXC-60001 AX97-6 (?)	AXC-50003	AX87-5 (?)															
AXC-60002 AX87-6 (?) AXC-60003 AX87-6 (?) 54202 AX02-009 2 1 55 54238 AX02-00 87 45 54244 AX02 06 100 87	AXC-60001	AX87-6 (?)															
AXC-60003 AX87-6 (?) 54202 AX02-09 21.55 54238 AX02-00 87.45 54244 AX02-09 100.87	AXC-60002	AX87-6 (?)															
54202 AX02-09 2:55 54238 AX02-00 87.45 54244 AX02-09 100.87	AXC-60003	AX87-6 (?)															
54238 AX02-09 B7 45 54244 AX02-09 100 87	54202	AX02-09	21 55														
54244 AX02-09 100 87	54238		87.45				- 1										
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		AX02-10	16.77														
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124300 1AX02-10 80 US	54300													[
54331 AX02-10 122 84	54331	AXU2-10	122 84					- 1			- 1						

Sample Number	Hole ID	From (m)	To (m)	Certificate No.	Company	Date	Sample Type	Rock Type	Rock Name	Easting (NAD 83	orthing (NAD 83	Al2O3	CaO	Cr2O3
54378	AX02-11	22 86			Rubicon	2002	Core	SMGP	Syenite; medium to coarse-grained porphyry	314607	6206694	14.69	0.32	<0.01
54397	AX02-11	58.79			Rubicon	2002	Core	BXSY	Syenite breccia	314589	6206676	15.22	0.27	0 01
54414	AX02-11	100 3			Rubicon	2002	Core	SMGP	Syenite; medium to coarse-grained porphyry	314568	6206656	13.58	1.34	0.01
54438	AX02-12	25 91		VA02003821	Rubicon	2002	Core	SYMC	Syenite; megacrystic	314347	6207001	17.66	0.22	< 0.01
54450	AX02-12	56 39			Rubicon	2002	Core	SMGP	Syenite; medium to coarse-grained porphyry	314357	6207021	13.97	0.83	0 01
54475	AX02-12	120 4			Rubicon	2002	Core Core	SMGP	Syenite; medium to coarse-grained porphyry	314378	6207061	13.58	3.19	< 0.01
54512	AX02-13	22 86			Rubicon		Core	SYMC	Syenite; megacrystic	314337	6206970	18.05	0.15	< 0.01
54546	AX02-13	96.62			Rubicon	2002	Core	D/FE	Felsic dyke	314334	6206934	13.99	4.12	0.01
54563	AX02-13	126 5	١	VA02003821	Rubicon	2002	Core	SYIB	Syenite intrusion breccia (possible diatreme)	314333	6206920	14.64	1.74	< 0.01
54589	AX02-14	25 91		VA02003821	Rubicon	2002	Core Core	SYIB	Syenite intrusion breccia (possible diatreme)	314375	6206680	15.06	0.73	0.01
54620	AX02-14	87.77	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	VA02003821	Rubicon	2002	Core	D/KP	Orthoclase porphyry dyke	314382	6206723	15 44	1.13	< 0.01
54643	AX02-14	115 01		VA02003821	Rubicon		Core	SYIB	Syenite intrusion breccia (possible diatreme)	314385	6206742	15.18	1.02	< 0.01
54686	AX02-14	174.69	\ \	VA02003821	Rubicon		Core	SMGP	Syenite; medium to coarse-grained porphyry	314391	6206784	14.44	0.24	0.01
54727	AX02-14	229 35			Rubicon		Core	SYIB	Syenite intrusion breccia (possible diatreme)	314397	6206822	16.6	1.82	< 0.01
54776	AX02-16	16 77	V	VA02003821	Rubicon	2002	Core	SMGP	Syenite; medium to coarse-grained porphyry	314263	6206789	14.22	0.03	0.01
54790	AX02-16	50.3		VA02003821	Rubicon	2002	Core	SYMC	Syenite: megacrystic	314251	6206778	15.13	3.32	< 0.01
54816	AX02-16	117.35	N	VA02003821	Rubicon	2002	Core	SERP	Serpentinite	314228	6206755	1.11	0.52	0.32
54826	AX02-15	15.65	V	VA02003821	Rubicon	2002	Core	SMCB	Syenite; megacrystic intrusive breccia	314365	6206650	16.19	1.47	0.01
54841	AX02-15	39.23	N.	VA02003821	Rubicon	2002	Core	SIMB	Syenite: Intrusive microbreccia	314353	6206638	14.66	3.51	< 0.01
54843	AX02-15	44.6		/A02003821	Rubicon	2002	Core	D/FE	Felsic dyke	314351	6206636	12.9	7.66	0.01
GA-6			V	VA02003899	Rubicon	2002	Surface Sample	ANTE	Andesite (1)	314417	6207101	14.58	3.42	<0.01
1100E, 350N (GAB Grid)			V	VA02003899	Rubicon	2002	Surface Sample	SYIB	Svenite intrusion breccia (possible diatreme)	314482	6207845	13.03	0.07	0.02
54022			V	VA02003899	Rubicon	2002	Surface Sample	SIMB	Svenite: Intrusive microbreccia	314270	6206744	15.98	0.02	<0.01
WP-90			V	/A02003899	Rubicon	2002	Surface Sample	RHTF	Rhyolite tuff (?)	315665	6206074	14.09	0.43	
	AX87-01	32.9	· V	/A02003899	Rubicon	2002	Core	D/FB	Feldspar-biotite dyke (possible equivalent to KPBP?)	315117	6205798	14.94	4.46	<0.01
	AX02-09	56 2		/A02003899	Rubicon	2002	Core	крвр	Orthoclase-plagioclase-biotite porphyry	315589	6206006	14.48	4.49	
	AX02-09	135 5	i v	/A02003899	Rubicon	2002	Core	SYIB	Syenite intrusion breccia (possible diatreme)	315570	6205953	10.45	5.3	0.01
	AX02-09	140.21	Į.	/A02003899	Rubicon	2002	Core	SIMB	Syenite; Intrusive microbreccia	315569	6205950	18 05	0.16	0.01
	AX02-12	177.2			Rubicon	2002	Core	D/FB	Feldspar-biotite dyke (possible equivalent to KPBP?)	314396	6207097	15.05	5 23	< 0.01
1	AX02-13	53 5			Rubicon	2002	Core	SYMC	Syenite; megacrystic	314336	6206955	16.76	1.79	
	AX02-13	149.8	N. Contraction of the contractio	/A02003899	Rubicon	2002	Core	D/FB	Feldspar-biotite dyke (possible equivalent to KPBP?)	314332	6206909	14.46	2.11	

Rubicon Minerals Corporation
Axelgold Project

Sample Number	Hole ID	From (m)	Fe2O3	K20	MgO	MnO	Na2O	P2O5	\$iO2	TiO2	LOI	TOTAL	Ba (%)	Rb (%)	Sr (%)	Nb (%)	Zr (%)	Y (%)	CO2 % (inorg.	FeO (%)	Ce (ppm)	Dy (ppm)	Er (ppm)
54378	AX02-11	22.86	2.24	4 63	0 89	0.03	4.29	0.08	69.5	0.3	2.53	99.85	0.28	150	0.06	20	230	19			93.9	2 3	1
54397	AX02-11	58.79	2.04	4.45	1 08	0 01	2 29	0.08	70 48	0 34	2.94	99.41	0 18	160		20	260	25					
54414	AX02-11	100.3	2 22	5.42	1 65	0.09	1.32	0.09	68 92	0.28	4.42	99.75	0.26	202	0.16	20	220	23	1	I			
54438	AX02-12	25 91	3.69	7.25	0.33	<0.01	4.53	0.14	619	0.6	2.91	99.67	0 35	190	0.09	40	570	39					
54450	AX02-12	56.39	2.48	4.99	0.9	0.01	0.2	0.16	71.38	0.42	3.68	99.2	0.16	152		20	200	28					
54475	AX02-12	120.4	2.67	4.62	2.18	0 19	1.67	0.16	63 13	0.37	5.95	98.09	0.29	130		20	170	25			l		L
54512	AX02-13	22.86	3.56	8 75	0.33	0 02	3.24	0.15	60 9	0.61	3.3	99.54	0.4	237	0.09	40	560	32			L		L
54546	AX02 13	96.62	7.86	8 06	2.07	0.14	0.17	1.94	52.11	0.83	7.76	99.54	0.33	183		20	190	52		<u> </u>			اـــــا
54563	AX02-13	126.5	5.2	4.85	2.33	0 12	2.96	0.37	58.29	0 53	6.72	98.21	0.32	157	0.13	20	230	28					LJ
54589	AX02-14	25.91	4.36	6.81	1.76	0.08	1.65	0 29	63.03	0 63	5.03	99.87	0.37	244		30	370	36			156.5	5 1	2.3
54620	AX02-14	87.77	5.27	2.32	1 19	0.01	6.49	0.54	61.76	0 84	4.41	99.7	0.2	98	0.09	30	450	34			LI		└
54643	AX02-14	115.01	3.63	6.1	0.84	0.07	3.83	0.21	62.46	0.49	3.9	98.25	0.43	180		30	320	30			L1		ا ــــــا
54686	AX02-14	174.69	2.01	4.72	0 31	< 0.01	4.31	0.09	71.22	0.29	2.09	100.05	0.25	137	0.07	20	240	20		L	75.2	2	0.9
54727	AX02-14	229 35	5.18	6.71	1.3	0.06	3.87	0.35	56 43	0 75		98.71	0.35	187	0.11	40	430	43					
54776	AX02-16	16.77	1.88	4.93		< 0.01	4.32	0.11	70.9	0.35	2.2	99.45	0.31	144	0.05	20	230	21			L		L
54790	AX02-16	50.3	5.96	6.19	2.51	0.23	2.19	0.48	54.22	0.78	8.24	99.7	0.31	183		40	480	42		l			ı
54816	AX02-16	117.35	8.92	0.08	36.26	0 14		<0.01	37.96	0.01	13.05	98.52	< 0.01		<0.01	10	20	7		İ			
54826	AX02-15	15.65	4.48	7.06	1.85	0.1	1.28	0.36	59.29	0.7	6.01	99.13	0.3	242		30	460	40	i	i	İ		l
54841	AX02-15	39.23	4.07	3.96	2.21	0.09	3.58	0.31	58.94	0.49	7.5	99.71	0.28	97	0.12	30	250	28		I			L
54843	AX02-15	44.6	6.72	5.76	4.28	0.13	1.86	0.6	44.09	0.7	12.85	98.29	0.54	115		10	170	27		l	l		
GA-6			6.21	1.31	3.04	0.07	5.53	0.43	58.66	0 68	4.44	98.58	0.12	35		30	280	29			L		i
1100E, 350N (GAB Grid			1.59	4.2	1.06	0.03	2.26	0.1	74.14	0.34	2.05	99.34	0.41	171	0.03	20	150	23	<u> </u>	l	ll		
54022			2.8	5.75	0.22	< 0.01	3.69	0.08	67.48	0.44	2.7	99.55	0.32	168	0.07	30	460	35					
WP-90		l	1.22	5.82	0.25	0.02	3 26	0.09	70.99	0.16	1.45	98.2	0.36	161		20	120	21		l			
L	AX87-01	32.9	5.51	4.73	2 69	0.08	5.09	0.59	52.74	0.8	6.54	98.65	0.35	99		20	290	31	<u> </u>	l			L!
	AX02-09	56.2	5.79	5.18	3 09	0 08	4.16	0.48	56.86	0 68	4.32	100.05	0.33	140		20	230	30			134	4.8	2 1
	AX02-09	135.5	2.54	3.32	3 75	0 24	2.95	0.08	61.37	0 24	7.54	98.25	0.3	105	0.14	20	140	20			1		
	AX02-09	140.21	3.24	8.78		< 0.01	1.87	0.09	62 85	0.39	3.19	99.96	0.49	266	0.03	20	200	31			1		
	AX02-12	177.2	4.66	3.57	2.26	0.14	5.09	0.33	57.84	0.58	4.8	99.93	0.23	77		20	290	27			L		l!
	AX02-13	53.5	3.93	7.56	1.15	0.07	3.74	0.16	59.19	0.51	4.51	99.85	0.32	196		40	620	40			183	4.9	2.5
	AX02-13	149.8	6.56	4.81	4.66	0.18	2.44	0.59	55.26	0.83	7.52	99.7	0.21	203	0.07	20	290	35		i	li		<u>i</u> '

Sample Number	Hole ID	From (m)	Eu (ppm)	Gd (ppm	Ho (ppm)	La (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm	Tb (ppm)	Th (ppm)	Tm (ppm	U (ppm)	Y (ppm)	Yb (ppm)
54378	AX02-11	22.86	17	5.4	03	515	0 1	34 8	9.7	59	0.6	20	0 1	10.7	11.4	0.8
54397	AX02-11	58.79		I												
54414	AX02-11	100.3							I	T			1			
54438	AX02-12	25.91	[_									[
54450	AX02-12	56.39		T											I	
54475	AX02-12	120 4								1					I	
54512	AX02-13	22.86													l	
54546	AX02-13	96.62	Ī													1
54563	AX02-13	126.5													I	
54589	AX02-14	25.91	33	10.6	0.8	82.5	0.3	65 2	17.1	11.5	1.2	28	0.3	12.3	24.9	1.8
54620	AX02-14	87.77														
54643	AX02-14	115.01							I							
54686	AX02-14	174 69	1.3	4 3	03	41.6	0.1	27 7	7.7	4.6	0.5	19	0.1	10.9	10.3	0.7
54727	AX02-14	229.35								I						
54776	AX02-16	16.77														
54790	AX02-16	50.3														
54816	AX02-16	117.35	1													
54826	AX02-15	15.65		-										1		
54841	AX02-15	39.23														
54843	AX02-15	44.6							l					i		
GA-6									I							
1100E, 350N (GAB Grid)				1					1							
54022				1										I		
WP-90													I			
	AX87-01	32.9														
	AX02-09	56.2	3.1	9.6	0.7	67.1	0.2	62.1	15 6	11.6	1.1	19	0.2	6.7	22.2	1.5
	AX02-09	135.5														
	AX02-09	140.21		l												
	AX02-12	177.2							l							
	AX02-13	53.5	3.1	10.1	0.8	104.5	0.3	68.8	193	11.6	1.1	61	0.3	22.4	27.7	2.2
	AX02-13	149 8													l	

Appendix 10

Program Expenditures

Total	_	\$352,000
Administration to Rubicon (15%)		45913
Subtotal	306087	306087
Miscellaneous	10192	
Truck and Generator Fuel in Camp	1147	
Telephone	677	
Travel	1200	
Sample Shipments	2025	
Expediting	246	
Data Entry and Computer Drafting	3200	
Consulting	2500	
Field Supplies	5000	
Petrographic Report	1306	
Assaying	11812	
Airplane	2430	
Charter		
Helicopter	93685	
Drilling Contractor Costs	98017	
Equipment Rental	4534	
Camp Costs	22095	
Personnel	46021	