

GEOCHEMICAL REPORT

SOIL SURVEYS

On the

RUBY PROPERTY

Ruby 1-28: YD47655-YD47682

Registered Owner: 45127 Yukon Inc. 30%, Ryan Gold Corp. 70%

NTS #: 115 O/11

LONG: 139°24'1.18"W LAT: 63°41'43.037"N

GEM PROPERTY

Gem 1-112: YD97201-YD97312

Registered Owner: 45127 Yukon Inc. 30%, Ryan Gold Corp. 70%

GEM 113-249: YE20151-YE20287

Registered Owner: Shawn Ryan 100%

NTS #: 115 O/11, 115 O/12, 115 O/13, 115 O/14

LONG: 139°28'33.556"W LAT: 63°43'29.222"N

DAWSON MINING DISTRICT

Work Performed: June 15th to October 15th

Date of Report: March 2012

AUTHOR OF REPORT: CARRIE WONG, GIT



1 Adelaide Street East
Suite 2100
Toronto, Ontario, M5C 2V9

Table of Contents

INTRODUCTION	2
HISTORY	4
GEOLOGY.....	4
GEOCHEMISTRY	5
RESULTS	5
CONCLUSIONS	6
RECOMMENDATIONS	6
SUMMARY OF EXPENDITURES	6
STATEMENT OF QUALIFICATION.....	9
REFERENCES	9
APPENDIX A.....	10
APPENDIX B.....	20
APPENDIX C.....	20

INTRODUCTION

The Gem and Ruby properties are situated in the Dawson Mining District, approximately 40km South of Dawson City, Yukon (Figure 1). Access to both properties is by helicopter only from Dawson City. The Gem is comprised of a total of 249 claims while Ruby is comprised of 28 claims; further claim details are outlined in Appendix A (Figure 2).

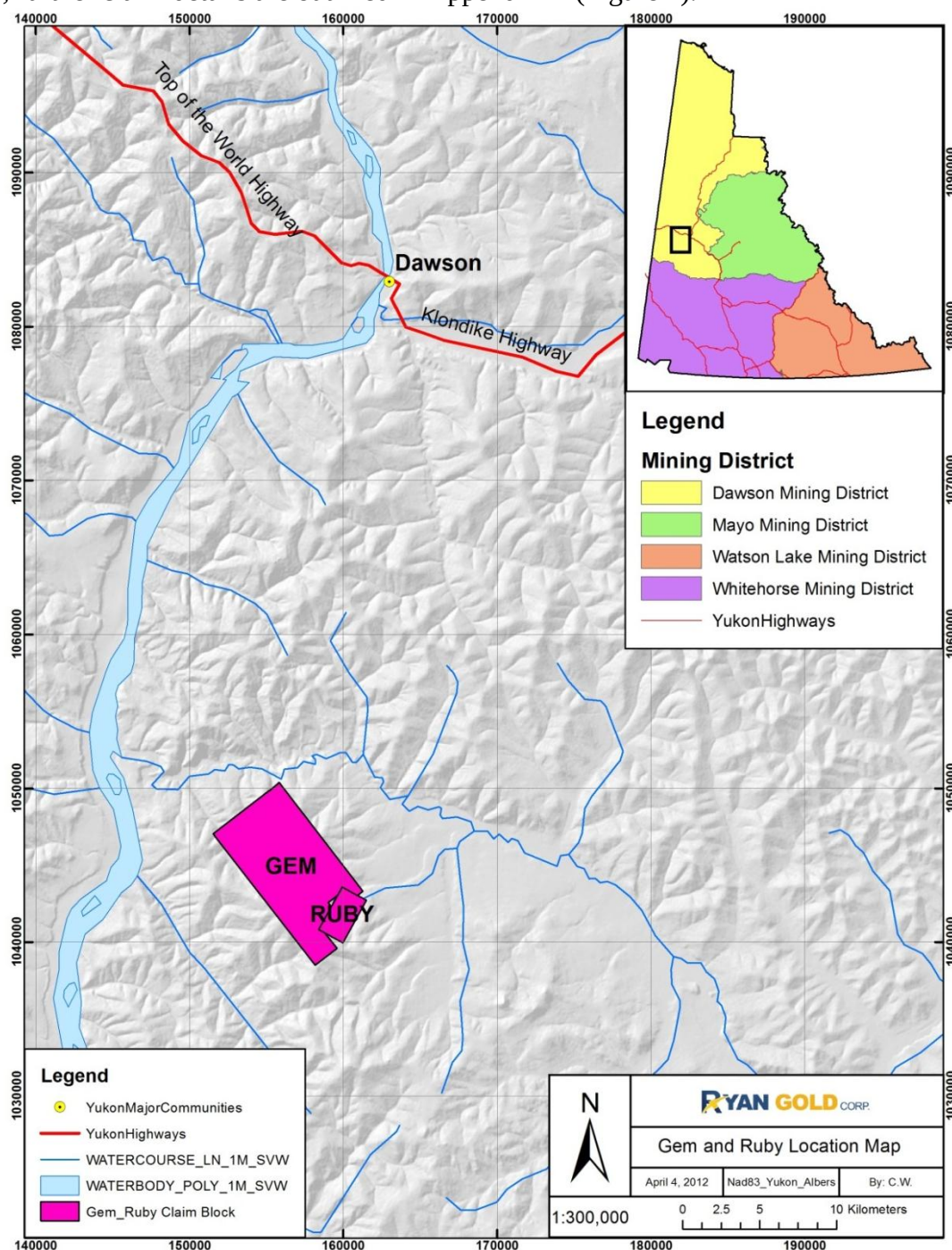


Figure 1: Gem and Ruby location map with inset map showing relative location of properties within the Yukon. The Yukon Mining Districts are also shown in the inset map.

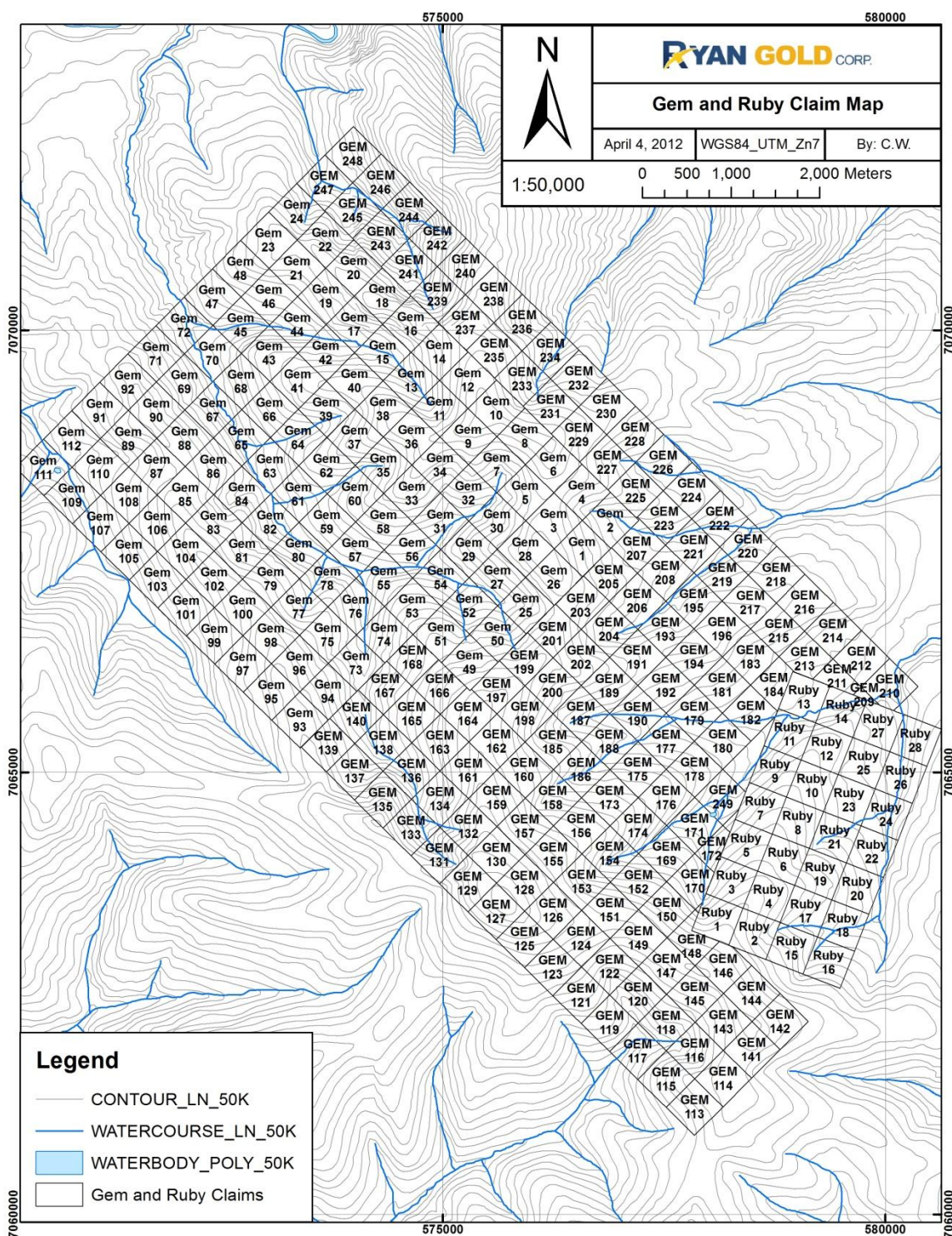


Figure 2: Map showing Gem and Ruby claim names and numbers.

The objective of the soil program was gold prospecting and reconnaissance evaluation of the project. The soil program was conducted by Ryan Gold Corp.'s contractor company, Ground Truth Exploration Inc., between June 16th and October 15th. A total of 1467 soil samples were gathered within that time.

HISTORY

In 2003, six Ruby claims were prospected by Shawn Ryan pursuing a “Lucky Joe” type target. Shawn Ryan took 25 soil samples to follow up on the GSC silt anomalies in the area in Copper (44ppm), Zinc (221 ppm), Barium (1670 ppm), and Nickel (48 ppm). He also found a pyrite rich horizon in the creek bed while prospecting, which he thought contributed to the anomalous silt geochemical values. The geochemical results of the soils gathered had some of the characteristics of a “Lucky Joe” type of target as there was an anomalous element suite which included Copper, Zinc and Molybdenum. As a result of the 2003 prospecting, Shawn Ryan staked more claims in 2004 resulting in a total of 30 claims. After more staking, Ryanwood Exploration took an additional 130 soil samples. The geochemical results were also anomalous in Copper, Zinc and Molybdenum.

GEOLOGY

There was no detailed geological mapping completed by Ryan Gold Corp. on Gem or Ruby. Instead, Ryan Gold Corp used the regional Yukon government compilation by S.P. Gordey and A.J. Makepeace (1999). This is a compilation of Yukon bedrock information on a 1:250,000 scale. The Gem and Ruby properties lie predominantly within the quartzite, quartz-muscovite schist of the Nasina Subterrane (Figure 3). The Nasina Subterrane is Devonian/Mississippian in age and also includes some marble units within the Gem property.

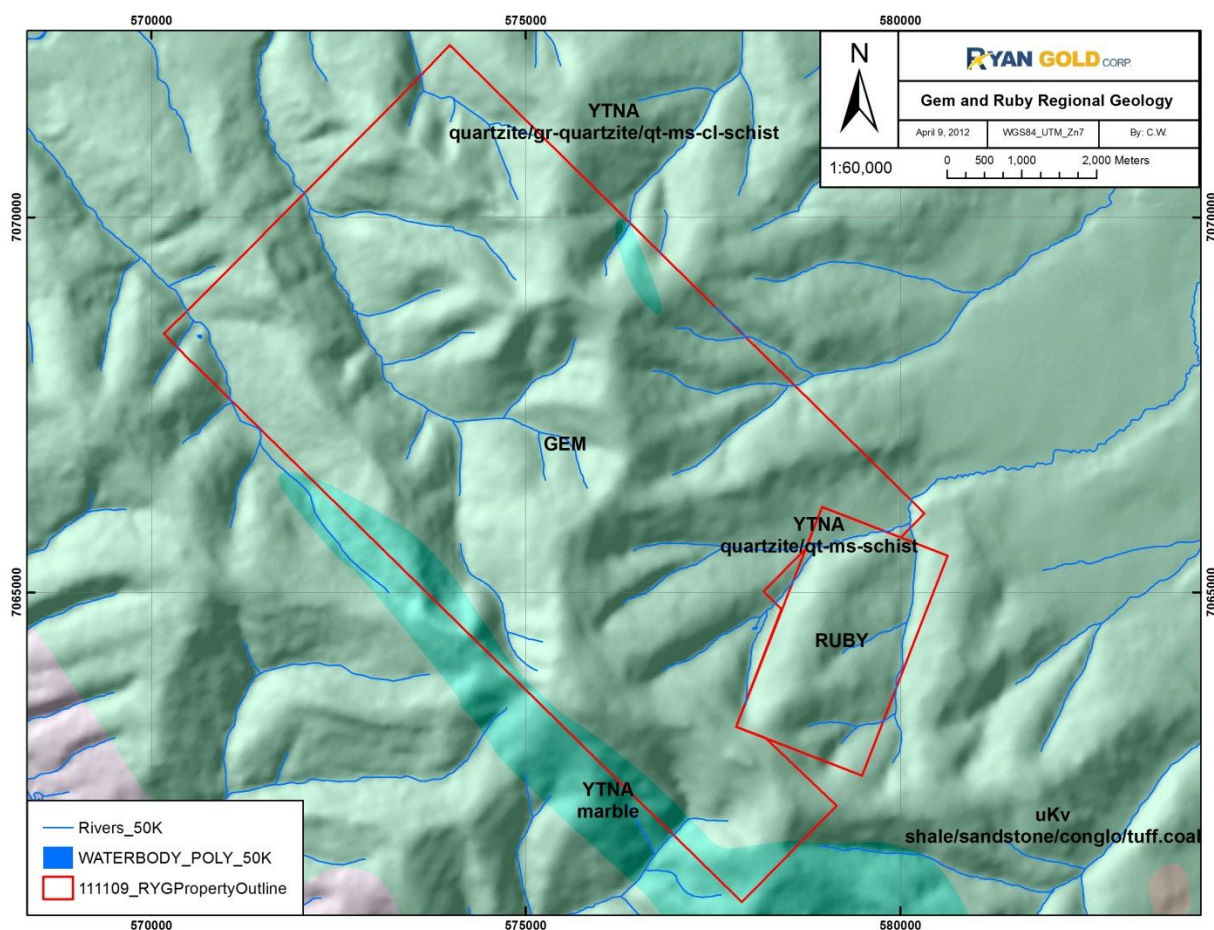


Figure 3: Yukon government regional geology of Gem and Ruby (Gordey and Makepeace 1999).

GEOCHEMISTRY

Ground Truth Exploration Inc., Ryan Gold's contracting company, conducted the soil program between June 16th and October 15th. A total of 1467 soil samples were gathered within that time. Soil sample were taken with a soil auger at an average depth of 50-70 centimeters. All sample sites were marked by tying an orange flagging tape with sample number written on with black permanent markers. Sample site information was recorded for each sample such as depth, color, texture, moisture, horizon, and site cover (Appendix B). About 400-500 grams of soil was collected and placed in soil packet bags. All soil packets were air dried and placed in rice bags for transportation. Ryan Gold used Acme Labs in Whitehorse and Dawson City to process samples with Aqua Regia ICP-MS for 37 elements. The assay certificates are outlined in Appendix C.

RESULTS

There were three soil samples with gold values over 100ppb (Figure 4).

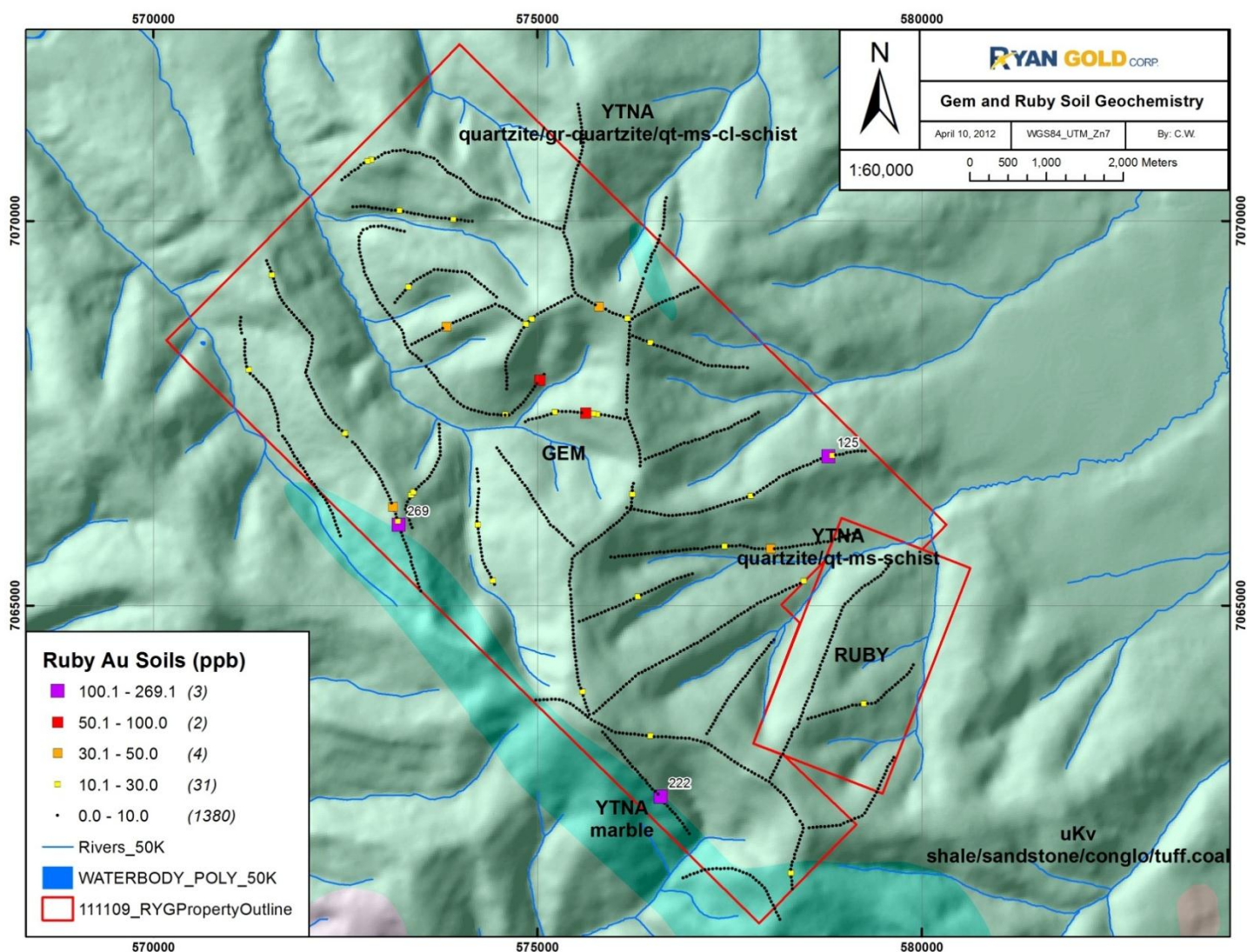


Figure 4: Gold assay results displayed on regional geology.

CONCLUSIONS

There were three notable gold anomalies on the Gem property and two of those values fall on the edge between the marble and metasediment units. The “Lucky Joe” target Shawn Ryan hypothesized for the Gem and Ruby properties does not seem to match up with the characteristics described by Red Tail Metal Corp., the company who owns the “Lucky Joe” project. According to Red Tail Metal, “Lucky Joe” is probably a gold-rich copper porphyry type deposit. The Gem and Ruby properties lie predominantly within metasediments according to the regional scale bedrock map. After doing a quick regression analysis on the soil data, there was a reasonable correlation between gold and copper, zinc and molybdenum ($R^2 = 0.27, 0.25$ and 0.24 respectively). The regression values were calculated using 40 soil samples which had gold values over 10ppb. The most notable correlation was for lead, which had an R^2 value of 0.33. The regression values for silver, antimony and tungsten were 0.24, 0.15, and 0.16 respectively. There is some correlation with tungsten, so there might be a small skarn deposit present.

RECOMMENDATIONS

Soil grids can be placed around the point soil anomalies to determine the extent of the anomalies. Geological mapping on a local scale could also be completed to find more potential skarn bodies or to ascertain if there are any porphyries within the property to confirm or reject the initial “Lucky Joe” deposit hypothesis.

SUMMARY OF EXPENDITURES

<u>SOIL SAMPLING PROGRAM:</u>					
A total of 47 man days were required to collect a total of 1463 soil samples from June 15 to October 15, 2011					
Description			Rate	Unit	Total
WAGES:					
	Soil Samplers	per day	\$ 350.00	25	\$ 8,750.00
	Project Forman	per day	\$ 400.00	22	\$ 8,800.00
DATA MANAGEMENT & PROCESSING SERVICES:					
	GIS/Job Layout/Mapping/Results Plotting	per hour	\$ 75.00	3	\$ 225.00
	Data Processing: In the field	per hour	\$ 60.00	10	\$ 600.00
	Database Management/Chain of Custody, Barcoded Samples	\$0.50/sample	\$ 0.50	1463	\$ 731.50
	Georeferenced In situ Sample & Sample Site Photos	per sample	\$ 1.00	1463	\$ 1,463.00
CONSUMABLE SAMPLING SUPPLIES:					
	Flagging, Metal ID Tags, Sample Bags, Ore Bags, Rice Bags, etc.	per sample	\$ 1.00	1463	\$ 1,463.00
EQUIPMENT RENTAL (per unit, per day):					

	Fuel	per km	\$ 0.25	100	\$ 25.00
	Chainsaw drop kit: 1 per helicopter load, or as required	per day	\$ 35.00	10	\$ 350.00
	Iridium Satellite Phone: 1 per crew, charge 10 min/day	per day&min	\$ 35.00	10	\$ 350.00
	Radio: ICOM Handheld: 1 per person	per day	\$ 5.00	47	\$ 235.00
	Computer/Software: 1 per camp nightly data download	per day	\$ 50.00	9	\$ 450.00
	Handheld GPS/Barcode Scanner/Camera/Data Recorder	per day	\$ 15.00	47	\$ 705.00
ACCOMODATION and FOOD:					
	Remote Camp Fee: full fly camp/kitchen/generator	per man day	\$ 35.00	0	\$ -
	Dawson Accomodation Fee: Samplers based in Dawson	per man day	\$ 35.00	41	\$ 1,435.00
	Food	per man day	\$ 50.00	47	\$ 2,350.00
EXPEDITING:		per hour	\$ 75.00	10	\$ 750.00
Full Size Truck					
HELICOPTER SUPPORT:					
	Trans North	per hour	\$ 990.00	3.9	\$ 3,861.00
	Trans North	per hour	\$ 1,035.00	4.6	\$ 4,761.00
	Trans North	per hour	\$ 1,575.00	4.6	\$ 7,245.00
	FUEL	per litre	\$ 1.45		\$ 2,711.11
ANALYTICAL ANALYSIS COSTS:					
	Acme Laboratories, Vancouver, B.C./SOILS	per sample	\$ 24.00	1463	\$ 35,112.00
REPORT WRITING:					\$ 500.00
SOIL SAMPLING PROGRAM =					\$ 82,872.61

I, Robin Sudo
Land Manager/Ryan Gold. Corp.
of #600 - 666 Burrard St., Vancouver, B.C. V6C 2X8
Phone 250-421-0939
make oath and say that:

Office Date Stamp

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
2. I have done, or caused to be done, work, on the following mineral claim(s): (Here list claims on which work was actually done by number and name)

See Schedule A attached

GEM & RUBY PROPERTY

situated at Ruby Mountain Claim sheet No. 115011+115012+115014 + 115013

in the Dawson Mining District, to the value of at least \$79,800 dollars,

since the 15th day of June 20 11,

to represent the following mineral claims under the authority of Grouping Certificate No. _____.
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

See Schedule B attached

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 56).

See Schedule C attached

**** REPORT TO FOLLOW

Sworn before me at the City of Cranbrook this 20th day of October 20 11.

[Signature]
Notary Public
Access to Information and Protection of Privacy Act
The personal information requested on this form is collected under the authority of and used for the purpose of administering the Quartz Mining Act. Questions about the collection and use of this information can be directed to the Mining Records Office, Mineral Resources, Department of Energy, Mines and Resources, Yukon Government, Box 2704, Whitehorse, Yukon Territory, Y1A 2T6 (867) 667-3190
YG(50490) F2 04/2003
Cranbrook, BC V1C 2M8

[Signature]
Owner or Authorized Agent

STATEMENT OF QUALIFICATION

I, Carrie Wong, located in Vancouver, British Columbia do hereby certify that:

1. I am a graduate of the University of British Columbia (2011) with a Bachelor's of Science in Geology with Honors.
2. I am a registered Geologist-In-Training (GIT) at the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC).
3. I was hired by Ryan Gold Corp. in May of 2011 to do field exploration, data management and ArcGIS work in the Yukon.
4. I did not participate in or supervise the soil program work outlined in this report and I have completed this report on behalf of my employers, Ryan Gold Corp.

Carrie Wong, GIT

REFERENCES

Gordey, S.P. and Makepeace, A.J., (compilers). 1999. Yukon Digital Geology; 2 CD-ROM set, Yukon Territory; Geological Survey of Canada, Open File D3826, scale 1:250,000.

RYANWOOD EXPLORATION, May/05, Assessment Report #095286 by S. Ryan

SHAWN RYAN, Dec/04, Assessment Report #094497 by S. Ryan

APPENDIX A

Complete list of Claims

YD97201	Active	Gem	1	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97202	Active	Gem	2	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97203	Active	Gem	3	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97204	Active	Gem	4	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97205	Active	Gem	5	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97206	Active	Gem	6	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97207	Active	Gem	7	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97208	Active	Gem	8	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97209	Active	Gem	9	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97210	Active	Gem	10	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97211	Active	Gem	11	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97212	Active	Gem	12	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97213	Active	Gem	13	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97214	Active	Gem	14	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97215	Active	Gem	15	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97216	Active	Gem	16	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97217	Active	Gem	17	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97218	Active	Gem	18	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97219	Active	Gem	19	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97220	Active	Gem	20	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97221	Active	Gem	21	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97222	Active	Gem	22	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97223	Active	Gem	23	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson

[illegible]

[illegible]

YD97311	Active	Gem	111	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	03/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YD97312	Active	Gem	112	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	03/10/2010 0:00	18/10/2010 0:00	October 18, 2011	Dawson
YE20151	Pending	GEM	113	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20152	Pending	GEM	114	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20153	Pending	GEM	115	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20154	Pending	GEM	116	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20155	Pending	GEM	117	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20156	Pending	GEM	118	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20157	Pending	GEM	119	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20158	Pending	GEM	120	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20159	Pending	GEM	121	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20160	Pending	GEM	122	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20161	Pending	GEM	123	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20162	Pending	GEM	124	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20163	Pending	GEM	125	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20164	Pending	GEM	126	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20165	Pending	GEM	127	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20166	Pending	GEM	128	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20167	Pending	GEM	129	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20168	Pending	GEM	130	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20169	Pending	GEM	131	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20170	Pending	GEM	132	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20171	Pending	GEM	133	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20172	Pending	GEM	134	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20173	Pending	GEM	135	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20174	Pending	GEM	136	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20175	Pending	GEM	137	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20176	Pending	GEM	138	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20177	Pending	GEM	139	Shawn Ryan - 100%	27/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson

YE20265	Pending	GEM	227	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20266	Pending	GEM	228	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20267	Pending	GEM	229	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20268	Pending	GEM	230	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20269	Pending	GEM	231	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20270	Pending	GEM	232	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20271	Pending	GEM	233	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20272	Pending	GEM	234	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20273	Pending	GEM	235	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20274	Pending	GEM	236	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20275	Pending	GEM	237	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20276	Pending	GEM	238	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20277	Pending	GEM	239	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20278	Pending	GEM	240	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20279	Pending	GEM	241	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20280	Pending	GEM	242	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20281	Pending	GEM	243	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20282	Pending	GEM	244	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20283	Pending	GEM	245	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20284	Pending	GEM	246	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20285	Pending	GEM	247	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20286	Pending	GEM	248	Shawn Ryan - 100%	26/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YE20287	Pending	GEM	249	Shawn Ryan - 100%	25/03/2011 0:00	04/04/2011 0:00	April 4, 2012	Dawson
YD47655	Active	Ruby	1	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/04/2010 0:00	26/04/2010 0:00	April 26, 2012	Dawson
YD47656	Active	Ruby	2	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/04/2010 0:00	26/04/2010 0:00	April 26, 2012	Dawson
YD47657	Active	Ruby	3	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/04/2010 0:00	26/04/2010 0:00	April 26, 2012	Dawson
YD47658	Active	Ruby	4	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/04/2010 0:00	26/04/2010 0:00	April 26, 2012	Dawson
YD47659	Active	Ruby	5	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/04/2010 0:00	26/04/2010 0:00	April 26, 2012	Dawson
YD47660	Active	Ruby	6	45127 Yukon Inc - 30%, Ryan Gold Corp. - 70%	02/04/2010 0:00	26/04/2010 0:00	April 26, 2012	Dawson

[illegible]

APPENDIX B

See attached Excel or PDF digital files on disk
(2011_Gem_Ruby_Soil_DESCR_ASSAY_results.xlsx or 2011_Gem_Ruby_SoilDESCR.pdf)

APPENDIX C

See attached PDF digital files on disk (2011_Gem_Ruby_Assay_Certificates.zip)



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: September 02, 2011
Report Date: October 25, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

DAW11000293.1

CLIENT JOB INFORMATION

Project: GEM
Shipment ID: GEM2011-03
P.O. Number
Number of Samples: 96

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	96	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	96	Dry at 60C			WHI
1DX2	96	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 25, 2011

Page:

2 of 5

Part 1

CERTIFICATE OF ANALYSIS

DAW11000293.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1108836	Soil	1.1	31.5	6.8	62	0.2	43.8	9.2	161	2.40	5.6	0.8	4.3	2.5	20	0.1	0.2	0.3	66	0.19	0.045
1108815	Soil	1.1	37.8	8.3	80	0.2	72.0	11.8	195	2.80	12.4	1.0	8.3	2.5	19	0.1	0.5	0.3	69	0.18	0.048
1108838	Soil	0.6	22.2	5.8	47	<0.1	30.2	7.0	148	1.76	3.3	0.7	7.8	2.0	33	<0.1	0.1	0.2	44	0.35	0.032
1108827	Soil	3.0	62.8	8.8	124	0.7	32.4	8.9	207	2.75	6.1	1.8	9.1	1.9	22	0.7	0.5	0.2	72	0.16	0.069
1108813	Soil	1.1	35.9	8.4	69	0.3	35.1	9.3	213	2.74	4.5	0.8	3.0	2.2	24	0.2	0.2	0.3	69	0.31	0.055
1108833	Soil	1.1	46.3	10.6	109	0.2	42.1	12.0	224	3.23	3.1	1.0	2.1	3.2	17	0.1	0.1	0.3	93	0.16	0.059
1108809	Soil	1.7	51.9	10.0	111	0.5	47.8	12.0	216	3.02	6.0	1.6	5.9	2.8	16	0.3	0.3	0.2	68	0.15	0.048
1108834	Soil	1.3	41.2	9.3	86	0.2	38.6	10.6	171	2.94	2.8	1.2	9.6	3.7	16	0.2	0.1	0.2	72	0.19	0.060
1108828	Soil	1.6	47.0	10.6	110	0.3	56.0	13.6	201	2.97	3.2	1.9	3.8	3.5	24	0.5	0.2	0.3	79	0.21	0.056
1108829	Soil	5.8	139.7	11.0	191	0.5	74.0	16.8	310	2.69	3.1	4.2	8.0	4.5	33	1.3	1.0	0.2	66	0.11	0.080
1108818	Soil	1.0	42.6	5.9	73	0.4	81.8	12.2	151	2.57	6.0	1.0	2.7	1.6	24	0.2	0.2	0.2	74	0.20	0.054
1108839	Soil	1.1	36.5	13.4	85	0.2	47.2	13.7	290	2.61	6.5	1.0	3.3	2.9	31	0.2	0.2	0.2	70	0.32	0.041
1108835	Soil	1.3	45.3	8.7	79	0.3	45.1	11.6	216	3.02	4.3	1.3	5.5	3.2	26	0.1	0.2	0.3	78	0.21	0.052
1108824	Soil	1.3	29.5	7.5	69	0.2	53.3	7.4	112	1.89	6.0	1.4	2.7	1.8	17	0.4	0.3	0.2	47	0.14	0.047
1108830	Soil	2.5	58.3	10.2	139	0.3	37.3	7.4	165	2.56	1.7	2.2	3.0	3.8	19	0.5	0.3	0.3	66	0.09	0.049
1108837	Soil	1.1	31.1	7.7	71	0.2	38.8	10.6	200	2.56	5.0	1.0	6.4	3.2	23	0.1	0.2	0.2	65	0.27	0.055
1108820	Soil	1.4	27.5	5.4	55	0.2	78.5	9.5	113	1.82	6.8	0.9	4.5	1.7	21	0.3	0.3	0.1	46	0.24	0.049
1108814	Soil	0.9	30.6	7.4	61	0.1	35.2	8.5	139	2.51	3.7	0.8	1.0	2.4	13	0.1	0.2	0.2	60	0.18	0.049
1108823	Soil	0.8	25.4	7.1	50	0.3	27.9	4.5	86	1.49	3.2	1.4	3.1	0.9	22	0.2	0.2	0.2	27	0.22	0.045
1108822	Soil	2.0	30.8	7.3	81	0.3	69.8	11.9	248	2.32	6.6	1.1	3.1	2.5	17	0.3	0.3	0.2	65	0.18	0.053
1108832	Soil	1.6	45.5	12.4	104	<0.1	65.3	11.6	172	4.30	3.7	0.8	1.6	4.1	9	<0.1	0.2	0.3	111	0.09	0.049
1108816	Soil	1.0	36.8	7.9	78	0.2	69.7	11.9	197	2.78	12.3	1.0	7.1	2.7	18	0.1	0.4	0.2	66	0.18	0.051
1108811	Soil	1.3	34.0	8.2	92	0.2	37.6	14.7	288	2.67	3.7	0.9	3.4	2.6	11	0.2	0.2	0.2	63	0.11	0.043
1108826	Soil	1.9	57.7	9.2	120	0.2	42.0	12.2	308	2.95	7.2	1.2	10.7	3.9	20	0.6	0.6	0.2	81	0.15	0.059
1108831	Soil	1.9	50.6	11.1	105	0.3	37.0	7.3	147	2.62	3.1	1.8	3.9	1.1	16	0.3	0.3	0.2	57	0.11	0.064
1108821	Soil	1.8	30.5	7.1	62	0.3	40.3	6.1	123	1.79	3.9	1.0	3.6	1.8	19	0.2	0.2	0.2	51	0.16	0.037
1108810	Soil	1.7	31.6	7.3	64	0.2	26.3	5.5	118	2.22	3.5	1.0	14.8	2.1	13	<0.1	0.2	0.2	56	0.10	0.039
1108812	Soil	1.4	33.7	7.7	85	0.2	35.3	11.5	325	2.49	3.2	1.0	1.9	2.6	19	0.3	0.1	0.2	64	0.20	0.049
1077031	Soil	1.5	26.4	10.9	79	<0.1	25.1	7.4	184	2.64	4.4	0.8	1.4	3.2	13	0.1	0.3	0.2	61	0.08	0.054
1108817	Soil	1.6	48.3	8.8	74	0.9	60.5	13.2	292	2.86	7.0	1.8	5.1	1.9	24	0.3	0.3	0.2	66	0.24	0.063



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 25, 2011

Page:

2 of 5

Part 2

CERTIFICATE OF ANALYSIS

DAW11000293.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1108836	Soil	11	57	0.81	303	0.141	2	1.79	0.011	0.38	0.1	0.02	3.2	0.2	<0.05	7	<0.5	<0.2
1108815	Soil	12	58	0.81	312	0.138	2	1.96	0.009	0.28	0.1	0.03	3.3	0.2	<0.05	7	0.6	<0.2
1108838	Soil	8	39	0.67	279	0.124	2	1.45	0.011	0.18	0.2	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1108827	Soil	12	45	0.64	340	0.098	2	1.55	0.009	0.22	0.1	0.06	3.1	0.2	0.05	6	1.5	<0.2
1108813	Soil	9	43	0.78	324	0.154	2	1.80	0.009	0.28	0.1	0.02	3.4	0.2	<0.05	7	0.5	<0.2
1108833	Soil	13	55	0.97	372	0.169	1	2.17	0.011	0.64	<0.1	0.01	4.1	0.4	<0.05	7	0.6	<0.2
1108809	Soil	12	50	0.65	362	0.101	2	1.82	0.008	0.19	0.1	0.05	3.0	0.2	<0.05	6	<0.5	<0.2
1108834	Soil	14	57	0.78	322	0.146	2	1.81	0.011	0.54	0.1	0.02	3.6	0.4	<0.05	6	0.6	<0.2
1108828	Soil	13	65	0.87	793	0.162	1	2.00	0.012	0.54	<0.1	0.02	3.9	0.4	<0.05	7	0.5	<0.2
1108829	Soil	19	38	0.49	550	0.063	<1	0.82	0.006	0.33	<0.1	0.03	2.9	0.3	0.08	4	2.7	<0.2
1108818	Soil	9	107	1.12	420	0.152	1	1.93	0.009	0.19	<0.1	0.04	3.3	0.2	<0.05	7	0.6	<0.2
1108839	Soil	12	55	0.81	402	0.140	1	1.87	0.018	0.17	0.2	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
1108835	Soil	13	57	0.82	368	0.147	1	2.07	0.012	0.44	0.2	0.03	3.9	0.3	<0.05	7	<0.5	<0.2
1108824	Soil	11	47	0.49	426	0.077	1	1.22	0.006	0.09	0.2	0.03	2.2	0.1	<0.05	5	0.9	<0.2
1108830	Soil	14	43	0.71	2033	0.119	<1	1.53	0.007	0.46	<0.1	0.02	2.5	0.4	<0.05	6	1.2	<0.2
1108837	Soil	13	50	0.77	465	0.145	<1	1.73	0.011	0.36	0.2	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1108820	Soil	8	57	0.65	487	0.087	<1	1.08	0.009	0.11	0.1	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1108814	Soil	10	42	0.67	216	0.127	<1	1.62	0.009	0.37	0.1	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1108823	Soil	8	40	0.40	370	0.068	<1	1.04	0.010	0.06	<0.1	0.05	2.0	0.1	0.05	5	0.6	<0.2
1108822	Soil	10	63	0.77	348	0.117	<1	1.43	0.009	0.20	0.1	0.02	2.7	0.1	<0.05	5	0.6	<0.2
1108832	Soil	10	83	1.06	305	0.220	<1	2.52	0.012	0.84	<0.1	<0.01	5.2	0.5	<0.05	9	0.5	<0.2
1108816	Soil	11	57	0.81	297	0.140	1	1.84	0.009	0.31	0.1	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
1108811	Soil	10	46	0.66	252	0.121	<1	1.55	0.008	0.29	0.1	0.02	2.8	0.2	<0.05	5	0.8	<0.2
1108826	Soil	12	48	0.60	344	0.101	1	1.57	0.010	0.23	0.2	0.02	3.6	0.2	<0.05	5	0.7	<0.2
1108831	Soil	13	42	0.46	943	0.083	<1	1.53	0.009	0.28	0.1	0.05	2.1	0.2	<0.05	5	0.8	<0.2
1108821	Soil	10	55	0.66	316	0.108	<1	1.34	0.008	0.15	<0.1	0.03	2.3	0.1	<0.05	6	0.8	<0.2
1108810	Soil	11	34	0.49	251	0.086	<1	1.19	0.007	0.23	0.1	0.02	2.1	0.2	<0.05	4	0.7	<0.2
1108812	Soil	11	45	0.71	400	0.124	<1	1.52	0.010	0.36	<0.1	0.02	2.9	0.3	<0.05	6	0.7	<0.2
1077031	Soil	18	35	0.52	191	0.105	1	1.45	0.010	0.22	0.2	0.02	2.1	0.2	<0.05	6	0.7	<0.2
1108817	Soil	11	61	0.77	304	0.118	1	1.81	0.011	0.20	0.1	0.06	3.4	0.2	0.06	6	0.7	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 25, 2011

Page:

3 of 5

Part 1

CERTIFICATE OF ANALYSIS

DAW11000293.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1108819	Soil	1.4	31.5	6.6	50	0.2	56.9	7.7	108	2.01	6.3	1.1	2.9	1.4	22	0.2	0.2	0.1	55	0.15	0.045
1108825	Soil	2.1	45.3	8.2	100	0.3	41.4	9.2	245	2.77	6.6	1.2	2.8	2.6	17	0.5	0.4	0.2	79	0.13	0.059
1077025	Soil	1.5	26.2	10.7	59	0.1	23.2	8.8	210	2.47	5.8	0.8	1.6	4.3	20	0.2	0.4	0.2	47	0.13	0.042
1077016	Soil	1.4	32.8	11.1	96	0.1	40.0	11.9	207	3.09	4.3	1.1	1.8	4.5	23	0.2	0.3	0.2	66	0.19	0.046
1077029	Soil	1.3	15.5	11.5	57	<0.1	22.2	5.7	170	2.57	5.4	0.6	3.3	4.4	9	0.1	0.3	0.2	67	0.06	0.039
1077028	Soil	1.6	37.4	10.4	99	0.1	43.0	10.1	207	2.82	4.5	1.2	5.7	4.3	20	0.3	0.2	0.2	70	0.13	0.043
1077014	Soil	1.8	39.1	7.2	85	0.2	29.1	8.3	183	2.81	3.0	0.9	1.9	2.5	13	0.3	0.3	0.2	61	0.11	0.039
1066985	Soil	1.3	39.2	9.1	79	0.4	20.9	9.5	355	2.75	5.2	1.0	2.4	3.5	28	0.3	0.5	0.2	53	0.40	0.086
1077022	Soil	1.1	58.3	10.4	86	<0.1	38.2	9.9	165	3.78	1.2	1.2	2.0	3.1	27	0.3	<0.1	0.2	86	0.13	0.064
1077030	Soil	1.6	38.7	12.3	123	<0.1	50.9	14.5	364	3.16	3.5	1.4	8.8	7.5	17	0.3	0.3	0.2	61	0.13	0.059
1077002	Soil	2.7	31.5	9.6	48	0.4	16.4	5.6	168	2.17	5.9	1.7	2.2	2.1	16	0.2	0.5	0.2	55	0.14	0.090
1077019	Soil	1.0	20.0	11.8	74	<0.1	25.5	8.3	176	2.71	5.1	0.8	3.2	4.4	16	0.1	0.3	0.2	55	0.15	0.037
1077020	Soil	1.0	22.9	11.9	82	<0.1	27.5	7.5	176	2.93	5.3	0.9	<0.5	2.9	10	<0.1	0.2	0.2	69	0.10	0.043
1077006	Soil	8.8	60.6	7.8	79	0.7	7.1	0.9	269	1.95	0.9	5.5	2.0	3.8	29	0.5	0.5	0.3	224	0.18	0.061
1077017	Soil	1.3	29.3	12.2	78	0.2	29.4	8.6	138	2.86	4.8	1.4	2.3	3.7	23	0.2	0.2	0.2	68	0.19	0.052
1077015	Soil	1.6	48.0	9.6	101	0.1	48.2	12.7	286	3.47	2.4	1.0	<0.5	3.3	44	0.2	0.2	0.2	85	0.24	0.060
1077012	Soil	2.9	42.6	9.4	88	0.5	28.6	10.1	288	2.83	5.3	1.9	16.7	4.1	23	0.1	0.5	0.2	78	0.17	0.050
1077010	Soil	2.8	61.6	8.9	136	0.7	31.0	7.7	240	2.68	6.8	2.6	2.9	3.5	35	0.6	0.7	0.2	72	0.27	0.116
1077018	Soil	1.2	22.3	11.9	59	<0.1	27.3	7.4	141	2.67	5.4	1.3	2.6	3.9	22	0.1	0.2	0.2	64	0.16	0.038
1077007	Soil	7.9	71.1	9.7	92	0.7	5.2	1.9	366	1.37	<0.5	3.4	1.7	5.4	35	1.8	0.2	0.2	226	0.13	0.043
1077008	Soil	2.8	53.0	8.3	87	0.2	22.7	7.4	278	2.46	6.4	3.2	1.7	4.4	22	0.2	0.6	0.1	106	0.17	0.043
1077001	Soil	2.3	35.4	11.6	57	0.3	20.0	7.5	298	2.73	9.5	1.7	6.4	1.6	16	0.6	0.5	0.2	77	0.15	0.141
1077021	Soil	0.8	25.4	11.1	86	<0.1	25.7	9.5	213	2.98	5.7	1.0	0.9	4.3	12	0.2	0.2	0.2	63	0.15	0.043
1077003	Soil	3.1	41.7	9.4	69	0.6	21.2	6.9	207	2.27	6.3	3.1	3.5	3.7	24	0.3	0.5	0.2	65	0.21	0.099
1077004	Soil	2.4	38.7	9.1	58	0.5	21.5	7.8	270	2.56	8.0	2.8	5.3	4.2	18	0.1	0.6	0.2	63	0.15	0.049
1077009	Soil	3.4	165.1	11.5	205	0.9	28.3	6.7	298	2.97	1.5	4.2	6.6	5.5	42	0.9	0.3	0.3	74	0.20	0.060
1077024	Soil	0.9	34.3	6.3	53	<0.1	22.4	10.0	190	3.30	2.8	0.4	<0.5	2.2	13	<0.1	0.2	0.2	73	0.07	0.044
1077023	Soil	2.0	78.8	8.0	96	0.2	27.5	8.0	196	3.79	<0.5	0.8	<0.5	1.0	22	0.2	<0.1	0.3	94	0.06	0.057
1077026	Soil	2.5	67.0	7.6	120	0.3	30.9	8.4	278	2.97	1.3	1.2	<0.5	4.1	33	0.3	0.2	0.2	74	0.14	0.048
1077005	Soil	7.7	57.3	7.5	73	0.6	6.2	0.8	258	1.83	<0.5	5.2	0.8	3.8	26	0.6	0.5	0.2	199	0.17	0.057



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 25, 2011

Page:

3 of 5

Part 2

CERTIFICATE OF ANALYSIS

DAW11000293.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1108819	Soil	9	67	0.65	537	0.085	<1	1.30	0.008	0.10	0.1	0.03	2.2	<0.1	<0.05	5	0.7	<0.2
1108825	Soil	10	63	0.70	353	0.113	<1	1.46	0.011	0.30	0.1	0.03	3.1	0.2	0.07	6	0.9	<0.2
1077025	Soil	12	29	0.38	245	0.058	<1	1.36	0.008	0.10	0.1	<0.01	2.4	0.1	<0.05	4	0.7	<0.2
1077016	Soil	12	49	0.83	470	0.137	<1	2.05	0.012	0.46	<0.1	0.03	3.0	0.3	<0.05	6	<0.5	<0.2
1077029	Soil	14	28	0.40	125	0.158	<1	1.29	0.007	0.21	0.1	0.02	1.9	0.2	<0.05	7	<0.5	<0.2
1077028	Soil	19	50	0.67	326	0.119	<1	1.82	0.011	0.33	0.1	0.02	3.2	0.2	<0.05	6	0.5	<0.2
1077014	Soil	9	36	0.65	440	0.118	2	1.48	0.010	0.39	0.1	<0.01	2.8	0.3	0.05	5	0.5	<0.2
1066985	Soil	17	32	0.55	374	0.084	2	1.33	0.022	0.23	0.2	0.03	2.6	0.2	0.12	4	1.0	<0.2
1077022	Soil	9	53	0.92	391	0.167	1	2.11	0.015	0.94	<0.1	<0.01	3.4	0.5	<0.05	7	0.8	<0.2
1077030	Soil	34	40	0.63	253	0.140	<1	1.68	0.009	0.39	0.1	<0.01	2.6	0.3	<0.05	6	0.7	<0.2
1077002	Soil	11	28	0.36	209	0.050	2	1.22	0.009	0.05	0.2	0.03	2.1	0.1	<0.05	4	1.6	<0.2
1077019	Soil	12	36	0.56	265	0.098	<1	1.67	0.009	0.24	0.1	0.01	2.3	0.2	<0.05	5	<0.5	<0.2
1077020	Soil	16	37	0.69	192	0.112	1	1.80	0.008	0.33	0.1	<0.01	2.2	0.2	<0.05	7	<0.5	<0.2
1077006	Soil	22	53	0.99	386	0.064	<1	1.29	0.008	0.46	0.1	0.05	3.1	0.4	0.23	5	4.2	0.3
1077017	Soil	14	40	0.65	411	0.128	1	1.92	0.011	0.35	<0.1	0.02	2.7	0.3	0.06	6	0.7	<0.2
1077015	Soil	12	78	1.20	1042	0.196	<1	2.68	0.020	0.97	<0.1	<0.01	4.8	0.4	<0.05	8	0.7	<0.2
1077012	Soil	16	39	0.55	1497	0.095	1	1.48	0.010	0.21	0.2	0.02	3.6	0.2	<0.05	5	1.2	<0.2
1077010	Soil	17	35	0.49	2551	0.060	1	1.48	0.014	0.10	0.2	0.03	3.8	0.1	0.08	5	2.3	<0.2
1077018	Soil	16	40	0.62	427	0.105	1	1.84	0.012	0.22	<0.1	0.01	2.8	0.2	<0.05	6	<0.5	<0.2
1077007	Soil	15	46	1.15	450	0.091	<1	1.44	0.017	0.64	0.1	0.02	3.4	0.5	0.22	6	6.2	0.3
1077008	Soil	16	40	0.56	523	0.083	<1	1.61	0.011	0.06	0.1	0.03	4.3	0.1	<0.05	5	1.6	<0.2
1077001	Soil	12	33	0.41	414	0.047	1	1.69	0.008	0.06	0.2	0.04	2.4	<0.1	<0.05	6	0.7	<0.2
1077021	Soil	16	37	0.69	240	0.112	1	1.93	0.009	0.34	0.1	0.02	2.6	0.2	<0.05	6	<0.5	<0.2
1077003	Soil	15	29	0.43	310	0.053	<1	1.33	0.009	0.07	0.3	0.04	3.3	<0.1	<0.05	4	1.6	<0.2
1077004	Soil	14	34	0.49	358	0.062	1	1.55	0.011	0.05	0.2	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
1077009	Soil	21	45	0.89	595	0.070	<1	1.63	0.010	0.36	<0.1	0.01	2.9	0.3	0.15	7	1.5	<0.2
1077024	Soil	7	43	0.92	266	0.163	<1	2.02	0.025	0.80	0.1	<0.01	3.1	0.5	0.12	6	0.6	<0.2
1077023	Soil	3	54	1.06	407	0.172	<1	2.16	0.033	1.06	<0.1	<0.01	3.7	0.5	0.21	7	0.8	<0.2
1077026	Soil	18	61	0.90	1370	0.118	<1	1.44	0.011	0.51	<0.1	<0.01	4.0	0.4	0.09	6	1.5	<0.2
1077005	Soil	20	51	0.91	361	0.064	<1	1.25	0.007	0.46	0.1	0.04	2.8	0.4	0.18	5	3.4	0.3



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 25, 2011

Page:

4 of 5

Part 1

CERTIFICATE OF ANALYSIS

DAW11000293.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1073314	Soil	1.0	35.8	7.9	61	<0.1	25.5	10.8	330	2.64	3.6	1.3	2.0	4.5	23	0.1	0.2	0.2	45	0.24	0.038
1077011	Soil	3.7	50.5	8.3	128	0.4	30.4	7.6	233	2.49	3.8	1.5	10.6	2.7	18	0.4	0.4	0.2	77	0.09	0.045
1077013	Soil	1.1	43.9	6.8	81	<0.1	35.8	9.3	170	3.09	1.0	0.7	0.7	2.2	8	0.3	0.2	0.2	62	0.09	0.039
1077027	Soil	3.1	47.4	14.1	97	0.2	27.7	5.8	218	2.55	0.8	1.5	0.6	4.5	29	0.4	0.1	0.2	56	0.07	0.057
1073321	Soil	0.7	22.4	9.1	59	<0.1	25.4	10.2	313	2.81	4.7	1.2	3.7	5.9	15	<0.1	0.2	0.1	47	0.14	0.030
1073320	Soil	1.5	64.7	10.7	92	<0.1	31.5	16.0	604	3.86	3.1	2.0	0.7	10.8	29	0.2	0.2	0.3	79	0.17	0.063
1073313	Soil	1.3	36.2	10.7	60	0.2	25.8	11.7	386	2.75	5.1	1.6	4.7	3.7	22	0.3	0.2	0.2	62	0.25	0.059
1073318	Soil	1.3	40.0	15.4	72	<0.1	36.6	11.7	411	3.01	5.0	1.1	2.1	4.7	24	0.4	0.2	0.2	75	0.21	0.029
1073317	Soil	1.1	53.2	10.7	92	<0.1	27.4	14.4	602	3.73	3.8	2.0	5.8	8.9	29	0.1	0.2	0.2	65	0.19	0.036
1073316	Soil	1.2	47.4	9.9	70	<0.1	25.9	10.8	446	2.93	6.3	1.1	4.9	4.5	25	0.2	0.3	0.2	63	0.18	0.032
1073315	Soil	0.9	26.8	10.3	56	<0.1	24.0	9.6	281	2.69	8.2	0.8	2.0	3.9	15	0.1	0.3	0.2	56	0.12	0.025
1073323	Soil	1.2	32.1	10.0	62	<0.1	29.9	10.3	390	2.71	6.0	2.0	1.3	6.0	26	<0.1	0.3	0.2	54	0.19	0.035
1073328	Soil	0.7	24.4	8.7	73	<0.1	27.5	11.9	381	3.24	3.0	1.2	0.9	7.7	19	<0.1	0.1	0.2	49	0.21	0.036
1073324	Soil	0.9	29.3	8.3	57	<0.1	25.5	8.8	276	2.59	4.2	1.2	3.1	5.5	20	<0.1	0.2	0.2	48	0.17	0.021
1073322	Soil	1.5	43.3	13.3	88	<0.1	69.3	18.3	716	3.74	4.7	1.0	2.0	8.1	41	<0.1	<0.1	0.2	70	0.46	0.043
1073319	Soil	1.3	34.1	10.3	66	<0.1	22.2	10.3	348	2.90	6.0	1.0	2.2	4.9	17	<0.1	0.3	0.2	59	0.16	0.028
1073326	Soil	0.9	22.1	9.0	69	<0.1	24.6	10.3	311	3.25	4.4	0.8	4.1	6.5	15	<0.1	0.2	0.2	49	0.18	0.030
1073329	Soil	1.1	35.1	10.5	77	0.1	49.5	14.5	395	3.37	4.4	2.6	2.4	8.2	31	0.1	0.2	0.3	58	0.41	0.037
1073325	Soil	0.9	25.5	10.6	66	<0.1	24.6	10.7	378	3.14	5.2	1.2	3.7	7.1	20	<0.1	0.2	0.2	55	0.18	0.026
1073330	Soil	1.1	14.5	7.7	46	0.1	20.6	5.7	177	2.01	3.5	1.1	1.8	3.2	27	0.1	<0.1	0.2	35	0.34	0.037
1073331	Soil	1.3	16.8	8.7	55	<0.1	22.1	7.4	234	2.57	5.5	1.0	2.0	3.4	20	<0.1	0.2	0.2	51	0.20	0.037
1073327	Soil	1.0	29.6	11.9	69	0.1	28.1	10.1	299	3.16	4.5	1.8	3.9	7.6	26	<0.1	0.2	0.3	54	0.24	0.038
1073332	Soil	0.9	37.0	7.5	65	<0.1	24.9	10.8	333	2.81	5.8	1.1	8.8	4.1	23	<0.1	0.2	0.2	63	0.33	0.053
1073333	Soil	0.9	27.3	5.7	48	<0.1	14.2	6.4	205	2.03	4.3	0.5	2.7	2.0	15	<0.1	<0.1	0.1	53	0.21	0.031
1073309	Soil	1.1	24.2	8.8	56	<0.1	21.1	8.0	232	2.50	6.8	0.8	3.4	3.1	11	0.1	0.3	0.3	55	0.12	0.052
1073307	Soil	0.5	37.8	6.6	57	<0.1	154.7	17.6	326	2.86	39.7	0.8	2.5	4.0	64	0.1	0.2	0.2	56	0.35	0.032
1073304	Soil	0.8	36.1	7.7	50	0.1	30.2	11.6	346	2.60	5.8	1.0	0.8	1.8	14	0.1	0.3	0.2	55	0.18	0.052
1073302	Soil	0.7	29.4	6.2	54	<0.1	25.0	8.7	159	2.31	4.5	0.7	1.9	2.6	13	<0.1	0.4	0.2	43	0.18	0.050
1073305	Soil	0.8	27.3	7.4	51	0.1	27.8	8.8	187	2.54	6.5	0.8	4.5	2.2	15	<0.1	0.3	0.2	50	0.19	0.046
1073306	Soil	1.0	34.6	8.5	61	0.3	37.9	10.9	427	2.64	8.6	1.3	2.9	1.8	32	0.2	0.3	0.2	53	0.31	0.056



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 25, 2011

Page:

4 of 5

Part 2

CERTIFICATE OF ANALYSIS

DAW11000293.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1073314	Soil	17	33	0.80	274	0.145	<1	1.88	0.015	0.42	0.1	0.02	3.3	0.3	<0.05	6	<0.5	<0.2
1077011	Soil	10	36	0.47	405	0.081	<1	1.18	0.010	0.19	0.1	0.01	2.3	0.2	0.05	4	1.0	<0.2
1077013	Soil	8	36	0.70	482	0.157	<1	1.51	0.011	0.63	<0.1	<0.01	2.8	0.5	<0.05	5	<0.5	<0.2
1077027	Soil	16	42	0.69	1287	0.108	1	1.60	0.017	0.55	<0.1	<0.01	2.6	0.3	0.19	6	1.6	<0.2
1073321	Soil	17	35	0.70	218	0.167	1	2.03	0.011	0.40	0.1	0.01	3.1	0.3	<0.05	6	<0.5	<0.2
1073320	Soil	39	42	1.14	259	0.243	<1	2.81	0.015	1.08	<0.1	0.01	3.5	0.5	0.07	8	<0.5	<0.2
1073313	Soil	19	37	0.66	268	0.119	<1	1.93	0.015	0.29	0.1	0.03	3.6	0.2	0.07	6	<0.5	<0.2
1073318	Soil	14	61	1.03	282	0.169	1	2.39	0.022	0.37	0.1	0.02	4.4	0.2	<0.05	8	0.5	<0.2
1073317	Soil	32	40	1.19	317	0.244	<1	2.69	0.018	0.96	0.1	0.01	4.7	0.4	0.07	8	<0.5	<0.2
1073316	Soil	16	39	0.76	300	0.128	<1	1.92	0.012	0.36	0.1	0.02	3.4	0.2	0.06	6	<0.5	<0.2
1073315	Soil	10	35	0.63	177	0.100	<1	2.06	0.011	0.12	0.2	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
1073323	Soil	19	41	0.82	225	0.130	<1	2.04	0.014	0.28	0.1	0.03	3.8	0.2	<0.05	6	<0.5	<0.2
1073328	Soil	19	42	0.82	207	0.219	1	2.25	0.012	0.56	0.1	<0.01	4.5	0.4	<0.05	7	<0.5	<0.2
1073324	Soil	18	35	0.70	166	0.153	<1	1.91	0.012	0.31	0.1	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1073322	Soil	15	96	1.61	556	0.236	<1	3.68	0.032	0.84	0.1	0.02	5.9	0.5	<0.05	10	0.5	<0.2
1073319	Soil	15	32	0.86	159	0.142	<1	2.09	0.013	0.41	0.1	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1073326	Soil	17	35	0.75	152	0.193	<1	1.99	0.010	0.41	0.2	0.02	3.3	0.3	<0.05	7	0.7	<0.2
1073329	Soil	27	64	1.03	329	0.213	<1	2.53	0.018	0.57	0.1	0.03	4.8	0.4	<0.05	8	0.9	<0.2
1073325	Soil	21	38	0.74	231	0.167	<1	2.15	0.013	0.38	0.1	0.03	4.1	0.3	<0.05	7	0.7	<0.2
1073330	Soil	12	32	0.58	164	0.131	<1	1.52	0.011	0.22	0.1	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1073331	Soil	12	36	0.60	154	0.127	<1	1.70	0.012	0.17	0.2	0.03	2.8	0.2	<0.05	6	0.7	<0.2
1073327	Soil	26	37	0.70	216	0.175	<1	2.50	0.013	0.36	0.2	0.05	4.3	0.3	<0.05	8	0.9	<0.2
1073332	Soil	13	36	0.77	306	0.134	<1	1.76	0.013	0.22	0.2	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1073333	Soil	7	21	0.53	221	0.117	<1	1.29	0.008	0.13	0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1073309	Soil	10	30	0.51	142	0.093	<1	1.46	0.009	0.20	0.2	0.04	2.8	0.2	<0.05	5	0.7	<0.2
1073307	Soil	16	189	1.98	484	0.137	1	2.45	0.020	0.40	<0.1	0.01	4.8	0.2	<0.05	8	<0.5	<0.2
1073304	Soil	11	37	0.65	238	0.103	<1	1.64	0.011	0.28	0.1	0.03	3.0	0.2	<0.05	5	<0.5	<0.2
1073302	Soil	10	30	0.56	166	0.094	1	1.35	0.008	0.21	0.2	0.02	2.6	0.2	<0.05	4	<0.5	<0.2
1073305	Soil	10	34	0.63	185	0.093	2	1.66	0.008	0.19	0.1	0.04	3.0	0.2	<0.05	5	<0.5	<0.2
1073306	Soil	18	47	0.82	362	0.108	1	1.96	0.012	0.37	0.1	0.03	3.5	0.2	<0.05	6	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 25, 2011

Page: 5 of 5 Part 1

CERTIFICATE OF ANALYSIS

DAW11000293.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1073301	Soil	0.9	47.2	6.1	52	0.2	30.9	9.5	128	2.54	4.7	0.9	6.3	2.3	11	<0.1	0.3	0.2	52	0.13	0.041
1073311	Soil	0.8	29.0	7.8	54	0.2	24.6	7.0	93	2.31	5.3	0.8	8.4	2.0	12	0.2	0.3	0.2	46	0.16	0.045
1073312	Soil	0.9	27.5	7.1	48	0.2	21.0	6.8	113	2.16	3.8	0.8	3.0	1.5	12	0.2	0.2	0.2	46	0.15	0.042
1073310	Soil	1.2	38.9	6.8	63	0.1	29.2	9.5	177	2.54	4.1	0.8	8.1	1.9	10	0.1	0.2	0.2	48	0.15	0.052
1073308	Soil	1.1	40.2	8.4	75	0.1	50.8	12.7	383	2.85	25.0	0.9	5.8	2.4	19	0.2	0.3	0.2	54	0.19	0.044
1073303	Soil	0.7	28.1	7.5	49	0.1	28.1	7.5	136	2.11	5.3	0.7	3.4	1.1	16	0.1	0.3	0.2	41	0.19	0.048



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 25, 2011

Page: 5 of 5 **Part** 2

CERTIFICATE OF ANALYSIS

DAW11000293.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1073301	Soil	9	36	0.65	187	0.111	1	1.65	0.008	0.33	<0.1	0.03	3.2	0.2	<0.05	5	<0.5	<0.2
1073311	Soil	10	29	0.52	164	0.087	<1	1.54	0.007	0.18	<0.1	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1073312	Soil	10	29	0.54	178	0.092	1	1.42	0.008	0.17	0.1	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1073310	Soil	10	32	0.54	155	0.089	<1	1.43	0.007	0.26	0.1	0.01	2.4	0.2	<0.05	5	0.5	<0.2
1073308	Soil	11	53	0.76	193	0.102	3	1.74	0.008	0.23	0.1	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1073303	Soil	9	32	0.55	183	0.075	<1	1.45	0.008	0.16	0.2	0.03	2.8	0.2	<0.05	5	0.6	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 25, 2011

Page:

1 of 1

Part 1

QUALITY CONTROL REPORT

DAW11000293.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1108818	Soil	1.0	42.6	5.9	73	0.4	81.8	12.2	151	2.57	6.0	1.0	2.7	1.6	24	0.2	0.2	0.2	74	0.20	0.054
REP 1108818	QC	1.1	41.7	6.1	75	0.4	79.6	12.2	153	2.56	5.9	1.1	2.6	1.7	24	0.2	0.3	0.2	74	0.21	0.053
1077031	Soil	1.5	26.4	10.9	79	<0.1	25.1	7.4	184	2.64	4.4	0.8	1.4	3.2	13	0.1	0.3	0.2	61	0.08	0.054
REP 1077031	QC	1.4	26.0	10.7	79	<0.1	24.4	6.8	179	2.54	4.4	0.8	3.1	3.0	13	0.2	0.2	0.2	59	0.09	0.050
1077018	Soil	1.2	22.3	11.9	59	<0.1	27.3	7.4	141	2.67	5.4	1.3	2.6	3.9	22	0.1	0.2	0.2	64	0.16	0.038
REP 1077018	QC	1.1	23.7	12.8	62	<0.1	27.7	7.8	148	2.77	5.7	1.3	2.8	3.9	23	0.1	0.3	0.2	64	0.17	0.040
1077024	Soil	0.9	34.3	6.3	53	<0.1	22.4	10.0	190	3.30	2.8	0.4	<0.5	2.2	13	<0.1	0.2	0.2	73	0.07	0.044
REP 1077024	QC	0.9	34.9	6.3	53	<0.1	22.5	9.9	185	3.34	2.7	0.4	<0.5	2.2	13	<0.1	0.2	0.2	70	0.07	0.043
1073307	Soil	0.5	37.8	6.6	57	<0.1	154.7	17.6	326	2.86	39.7	0.8	2.5	4.0	64	0.1	0.2	0.2	56	0.35	0.032
REP 1073307	QC	0.5	36.9	6.7	57	0.1	153.9	17.7	326	2.82	39.0	0.8	1.9	4.2	62	<0.1	0.2	0.2	56	0.34	0.033
Reference Materials																					
STD DS8	Standard	11.1	101.4	116.4	295	1.7	35.3	6.8	552	2.37	23.1	2.4	99.8	5.5	58	2.5	5.2	6.2	37	0.59	0.074
STD DS8	Standard	12.2	106.4	123.9	309	1.8	36.0	7.3	609	2.44	25.0	2.9	102.3	6.8	71	2.5	5.6	7.2	41	0.67	0.074
STD DS8	Standard	12.5	116.2	118.8	314	1.7	38.9	8.1	572	2.53	25.4	2.9	110.8	6.9	65	2.4	5.6	7.4	42	0.66	0.081
STD DS8	Standard	13.1	105.2	122.2	302	1.8	35.1	7.5	599	2.39	26.0	2.8	103.4	6.8	63	2.3	5.5	6.2	42	0.70	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 25, 2011

Page:

1 of 1

Part 2

QUALITY CONTROL REPORT

DAW11000293.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1108818	Soil	9	107	1.12	420	0.152	1	1.93	0.009	0.19	<0.1	0.04	3.3	0.2	<0.05	7	0.6	<0.2
REP 1108818	QC	10	106	1.08	423	0.151	1	1.83	0.009	0.20	<0.1	0.03	3.2	0.2	<0.05	7	0.6	<0.2
1077031	Soil	18	35	0.52	191	0.105	1	1.45	0.010	0.22	0.2	0.02	2.1	0.2	<0.05	6	0.7	<0.2
REP 1077031	QC	18	34	0.51	184	0.106	<1	1.40	0.009	0.22	0.1	0.01	2.1	0.2	<0.05	6	0.6	<0.2
1077018	Soil	16	40	0.62	427	0.105	1	1.84	0.012	0.22	<0.1	0.01	2.8	0.2	<0.05	6	<0.5	<0.2
REP 1077018	QC	15	41	0.64	435	0.110	1	1.87	0.013	0.24	<0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1077024	Soil	7	43	0.92	266	0.163	<1	2.02	0.025	0.80	0.1	<0.01	3.1	0.5	0.12	6	0.6	<0.2
REP 1077024	QC	7	41	0.88	272	0.155	1	1.89	0.025	0.81	<0.1	<0.01	3.0	0.4	0.11	5	<0.5	<0.2
1073307	Soil	16	189	1.98	484	0.137	1	2.45	0.020	0.40	<0.1	0.01	4.8	0.2	<0.05	8	<0.5	<0.2
REP 1073307	QC	16	188	2.02	484	0.135	<1	2.47	0.021	0.40	0.1	<0.01	5.0	0.2	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	11	107	0.57	235	0.093	2	0.81	0.083	0.38	2.7	0.18	2.7	5.1	<0.05	4	4.5	4.6
STD DS8	Standard	14	113	0.61	280	0.110	3	0.94	0.101	0.46	2.9	0.19	2.8	5.5	0.08	5	5.2	4.7
STD DS8	Standard	14	116	0.58	267	0.111	3	0.88	0.105	0.41	3.0	0.21	2.3	5.4	0.15	5	5.6	5.0
STD DS8	Standard	15	116	0.58	285	0.118	2	0.88	0.087	0.43	3.0	0.19	2.1	5.1	0.16	4	4.0	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead

Receiving Lab: Canada-Dawson City

Received: September 04, 2011

Report Date: October 05, 2011

Page: 1 of 5

CERTIFICATE OF ANALYSIS

DAW11000306.1

CLIENT JOB INFORMATION

Project: GEM
Shipment ID: GEM2011-04
P.O. Number
Number of Samples: 101

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	101	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	101	Dry at 60C			WHI
1DX2	101	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 05, 2011

Page:

2 of 5

Part 1

CERTIFICATE OF ANALYSIS

DAW11000306.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1068874	Soil	1.0	30.3	6.8	49	<0.1	26.7	8.1	143	2.56	4.8	0.7	3.8	1.5	14	0.2	0.2	0.2	58	0.14
1068876	Soil	1.4	56.7	6.4	55	0.2	43.7	10.6	163	2.62	4.1	0.7	4.1	1.1	13	0.2	0.2	0.2	61	0.14
1068879	Soil	2.0	82.1	9.1	57	0.6	40.2	8.6	124	3.30	4.0	1.7	8.2	0.6	17	0.2	0.2	0.3	64	0.19
1067086	Soil	0.9	24.2	7.7	62	0.2	35.5	8.6	169	2.64	6.3	0.7	2.1	2.5	13	<0.1	0.3	0.2	50	0.14
1066238	Soil	0.8	38.1	7.5	52	0.2	46.3	9.1	125	2.62	6.0	0.9	2.6	1.7	15	<0.1	0.3	0.2	65	0.19
1067083	Soil	0.9	33.9	8.8	64	0.2	52.1	9.2	197	2.69	5.4	0.8	2.1	1.7	15	<0.1	0.2	0.2	67	0.17
1068873	Soil	0.9	41.4	7.2	66	0.3	36.3	10.2	160	2.79	4.8	0.8	3.2	2.0	15	<0.1	0.2	0.2	64	0.18
1068880	Soil	2.8	45.9	7.9	104	0.3	28.4	9.1	300	2.95	4.6	0.9	2.6	1.8	22	0.4	0.3	0.2	82	0.16
1068882	Soil	3.3	70.1	9.2	135	0.5	43.4	14.6	503	3.99	2.3	1.1	3.0	3.3	19	0.8	0.4	0.1	93	0.14
1068875	Soil	1.4	31.5	7.4	58	<0.1	31.0	10.0	257	3.21	8.0	0.5	2.0	1.8	10	0.1	0.4	0.2	73	0.14
1068877	Soil	1.1	27.1	8.4	56	<0.1	28.7	9.9	255	3.41	8.7	0.5	2.8	1.9	11	0.5	0.4	0.2	69	0.14
1068872	Soil	0.7	52.9	6.3	76	<0.1	317.9	26.4	343	3.44	4.6	0.5	3.3	4.8	31	<0.1	<0.1	0.4	101	0.44
1068892	Soil	1.2	68.2	7.0	73	0.2	53.2	15.9	359	3.35	6.0	0.6	2.6	1.8	13	0.2	0.3	0.2	71	0.20
1068881	Soil	12.9	218.1	9.0	176	1.7	39.3	8.0	310	3.54	6.4	9.1	4.0	2.5	23	1.3	1.0	0.2	102	0.20
1068878	Soil	2.1	24.9	7.2	50	0.2	36.5	6.5	220	2.34	5.0	0.6	2.9	<0.1	10	0.3	0.3	0.2	65	0.12
1068886	Soil	1.7	43.8	5.2	83	0.3	14.8	2.9	79	1.76	1.0	0.6	<0.5	1.3	9	0.7	0.2	0.1	35	0.03
1068895	Soil	1.7	39.1	8.5	47	0.2	26.5	7.8	188	3.51	9.1	0.5	4.6	1.7	8	0.2	0.5	0.2	81	0.08
1068900	Soil	1.6	49.3	8.4	69	0.2	37.0	11.2	294	3.02	5.7	0.8	4.1	1.6	15	0.1	0.3	0.2	72	0.21
1068898	Soil	1.1	41.8	7.7	65	<0.1	63.2	14.9	326	3.09	7.9	0.7	5.5	2.1	21	0.2	0.3	0.2	83	0.31
1068889	Soil	2.8	24.3	8.7	44	0.3	15.5	6.5	163	2.83	7.4	0.7	3.5	2.0	12	0.2	0.3	0.2	90	0.07
1068893	Soil	1.2	23.1	8.2	48	0.1	28.7	10.0	271	2.93	9.0	0.5	2.3	1.6	12	0.1	0.4	0.2	67	0.13
1068888	Soil	1.7	36.3	8.9	77	0.2	28.3	7.1	229	2.94	5.6	0.6	4.1	0.7	9	0.3	0.4	0.2	68	0.07
1077102	Soil	1.7	40.9	8.5	87	0.4	28.3	7.1	147	2.47	4.8	1.2	3.5	3.3	16	0.6	0.4	0.2	67	0.20
1068891	Soil	1.6	38.7	8.2	35	0.2	23.2	6.0	129	2.35	4.5	0.5	2.1	0.4	8	0.2	0.2	0.2	63	0.07
1068885	Soil	3.4	41.7	9.2	76	0.5	20.7	5.8	219	2.70	8.3	1.3	1.8	0.4	12	0.6	0.6	0.2	66	0.09
1068894	Soil	1.2	38.7	7.9	54	0.1	30.5	9.5	266	2.69	7.3	0.5	3.1	1.0	10	0.1	0.4	0.2	67	0.12
1077103	Soil	5.5	77.4	10.6	104	0.9	32.0	7.6	281	3.04	6.6	2.5	7.0	1.1	21	0.7	0.7	0.2	80	0.11
1068896	Soil	1.0	32.3	7.2	42	<0.1	26.1	7.0	109	2.28	4.5	0.5	1.8	0.7	12	0.2	0.3	0.2	63	0.13
1068897	Soil	0.8	30.0	6.7	57	<0.1	34.0	9.8	229	2.45	5.9	0.5	3.9	1.9	14	0.1	0.3	0.2	52	0.19
1068887	Soil	3.1	91.3	8.1	210	0.8	54.9	11.5	335	3.25	4.0	2.2	6.3	3.6	27	1.6	0.4	0.2	77	0.21



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 05, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

DAW11000306.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068874	Soil	10	35	0.58	215	0.087	1	1.59	0.008	0.21	0.1	0.02	2.4	0.5	<0.05	5	<0.5	<0.2
1068876	Soil	9	39	0.56	181	0.086	2	1.47	0.008	0.27	0.1	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1068879	Soil	19	46	0.50	441	0.050	2	1.61	0.007	0.14	<0.1	0.07	3.3	0.2	0.10	6	1.2	<0.2
1067086	Soil	13	44	0.61	218	0.064	<1	1.60	0.007	0.13	0.1	0.03	2.8	1.0	<0.05	5	0.7	<0.2
1066238	Soil	12	57	0.76	334	0.087	<1	1.81	0.008	0.15	0.1	0.03	3.8	0.2	<0.05	6	<0.5	<0.2
1067083	Soil	11	62	0.76	314	0.092	<1	1.79	0.007	0.16	0.1	0.03	4.1	0.3	<0.05	6	<0.5	<0.2
1068873	Soil	11	43	0.76	256	0.107	1	1.92	0.009	0.27	0.1	0.03	3.6	0.6	<0.05	6	<0.5	<0.2
1068880	Soil	10	47	0.77	515	0.104	<1	1.52	0.009	0.37	<0.1	0.03	3.3	0.3	0.09	6	0.5	<0.2
1068882	Soil	17	53	0.84	865	0.153	<1	1.59	0.009	0.62	0.1	0.02	5.7	0.5	0.22	6	2.0	<0.2
1068875	Soil	9	34	0.56	124	0.105	1	1.55	0.007	0.18	0.2	0.04	2.5	0.2	<0.05	6	<0.5	<0.2
1068877	Soil	9	36	0.55	148	0.092	2	1.74	0.008	0.15	0.2	0.06	2.6	0.2	<0.05	5	<0.5	<0.2
1068872	Soil	14	387	3.09	530	0.208	<1	3.69	0.047	0.81	<0.1	<0.01	4.6	0.4	<0.05	10	<0.5	<0.2
1068892	Soil	8	38	0.74	158	0.103	<1	1.91	0.011	0.33	0.1	0.04	3.1	0.3	<0.05	6	0.5	<0.2
1068881	Soil	17	37	0.51	247	0.062	1	1.39	0.012	0.25	0.3	0.15	3.1	0.3	0.21	5	6.1	<0.2
1068878	Soil	6	62	0.39	110	0.028	<1	1.52	0.007	0.11	<0.1	0.15	0.6	0.2	0.14	6	0.7	<0.2
1068886	Soil	6	24	0.65	154	0.092	<1	0.88	0.007	0.41	<0.1	0.02	1.2	0.3	0.12	4	1.2	<0.2
1068895	Soil	8	34	0.48	98	0.099	<1	1.54	0.007	0.13	0.2	0.04	2.3	0.2	<0.05	7	<0.5	<0.2
1068900	Soil	11	45	0.70	234	0.100	1	1.71	0.013	0.35	0.1	0.02	2.8	0.3	<0.05	6	0.7	<0.2
1068898	Soil	10	81	0.96	245	0.112	<1	1.95	0.011	0.26	0.2	0.02	3.8	0.2	<0.05	7	<0.5	<0.2
1068889	Soil	9	36	0.37	156	0.057	<1	1.86	0.008	0.12	0.1	0.04	2.5	0.1	0.08	6	1.2	<0.2
1068893	Soil	8	37	0.55	148	0.081	1	2.07	0.008	0.13	0.1	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1068888	Soil	9	29	0.27	234	0.059	<1	1.06	0.005	0.09	0.1	0.03	1.7	0.1	<0.05	5	0.6	<0.2
1077102	Soil	14	38	0.60	333	0.093	<1	1.56	0.008	0.17	0.1	0.05	3.4	0.2	<0.05	5	0.8	<0.2
1068891	Soil	8	32	0.38	150	0.074	1	1.17	0.009	0.21	<0.1	0.03	1.5	0.2	<0.05	5	<0.5	<0.2
1068885	Soil	9	35	0.30	301	0.045	2	1.58	0.007	0.07	0.2	0.08	1.4	0.2	0.09	5	1.7	<0.2
1068894	Soil	9	30	0.44	129	0.076	1	1.36	0.008	0.12	0.1	0.06	1.9	0.2	<0.05	6	<0.5	<0.2
1077103	Soil	12	37	0.41	472	0.054	<1	1.16	0.014	0.17	0.2	0.09	2.1	0.2	0.18	4	2.8	<0.2
1068896	Soil	9	30	0.41	124	0.080	<1	1.14	0.006	0.16	0.1	0.04	1.7	0.2	<0.05	5	<0.5	<0.2
1068897	Soil	9	40	0.54	118	0.080	<1	1.45	0.008	0.14	0.1	0.04	2.2	0.2	<0.05	4	<0.5	<0.2
1068887	Soil	16	43	0.52	372	0.077	<1	1.37	0.009	0.21	0.2	0.05	3.7	0.4	0.09	4	2.0	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 05, 2011

Page:

3 of 5

Part 1

CERTIFICATE OF ANALYSIS

DAW11000306.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1077101	Soil	1.0	77.4	9.0	92	0.5	44.2	10.6	175	2.75	5.2	1.9	4.3	4.5	20	0.7	0.4	0.2	63	0.23
1068899	Soil	1.1	49.6	7.8	66	0.2	47.3	13.0	296	2.87	5.9	0.7	9.6	3.2	15	0.3	0.3	0.2	59	0.23
1068890	Soil	1.1	34.6	7.2	53	<0.1	35.6	11.5	239	2.88	5.7	0.6	7.7	2.0	13	0.2	0.3	0.2	63	0.16
1077274	Soil	0.9	40.1	7.3	51	<0.1	30.8	9.0	115	2.82	3.5	0.8	2.3	1.4	9	<0.1	0.2	0.2	64	0.11
1077273	Soil	0.9	34.7	7.4	57	<0.1	31.0	8.9	167	3.02	3.5	0.6	1.4	2.6	11	<0.1	0.2	0.2	68	0.12
1077271	Soil	1.0	32.5	7.6	48	<0.1	31.6	8.7	148	2.76	4.7	0.6	1.8	1.9	9	<0.1	0.2	0.2	67	0.12
1077272	Soil	0.9	54.5	8.0	63	<0.1	43.9	13.0	144	3.41	1.7	0.8	2.4	2.3	9	<0.1	0.1	0.3	77	0.13
1077270	Soil	0.9	35.4	9.0	57	<0.1	35.9	12.7	271	3.04	5.5	0.8	4.7	2.5	13	<0.1	0.2	0.3	72	0.15
1077265	Soil	0.9	40.6	9.1	39	0.1	24.2	6.6	88	2.03	2.6	0.9	4.4	0.4	13	0.1	0.2	0.3	49	0.10
1077269	Soil	1.0	41.5	9.3	59	0.1	39.8	12.3	210	3.11	4.6	0.9	6.6	2.5	13	0.1	0.2	0.3	72	0.17
1077267	Soil	1.1	45.8	9.6	66	<0.1	39.4	11.7	195	3.05	4.6	0.9	4.1	2.3	12	0.1	0.2	0.3	71	0.15
1077263	Soil	1.0	33.0	10.1	71	0.1	35.8	11.2	182	2.91	5.2	0.9	3.5	3.2	15	<0.1	0.3	0.3	66	0.22
1077266	Soil	1.4	56.6	11.7	75	0.4	50.2	14.2	268	3.24	5.1	1.1	3.6	2.0	18	0.1	0.3	0.4	83	0.21
1077264	Soil	1.0	38.5	8.8	70	<0.1	35.5	11.4	286	3.00	5.8	0.8	3.3	3.1	14	0.2	0.3	0.3	71	0.20
1077268	Soil	1.1	45.2	9.0	76	0.2	40.4	14.1	368	3.17	5.6	1.0	3.0	3.1	17	0.2	0.3	0.3	73	0.21
1077256	Soil	1.1	32.3	11.0	67	0.2	35.3	15.8	515	2.86	5.2	0.9	5.7	2.6	17	0.2	0.3	0.3	77	0.22
1077254	Soil	1.1	54.5	10.8	65	0.3	46.5	10.4	163	2.58	5.1	1.4	4.9	2.3	21	<0.1	0.3	0.3	71	0.22
1077255	Soil	1.4	34.3	8.8	75	0.2	44.4	13.5	252	3.01	5.6	0.8	1.6	2.7	18	0.2	0.3	0.2	72	0.22
1077253	Soil	0.9	41.7	10.5	68	0.2	40.9	12.4	297	2.73	5.3	1.1	3.0	2.6	17	0.2	0.3	0.3	72	0.22
1077252	Soil	1.8	57.3	11.9	83	0.1	65.2	14.6	274	3.13	8.6	0.9	5.7	2.3	19	0.4	0.4	0.3	77	0.23
1077257	Soil	1.0	26.7	10.7	63	0.2	31.6	9.0	130	2.67	5.0	0.7	3.6	2.8	17	0.1	0.3	0.3	62	0.25
1077259	Soil	1.0	25.3	9.8	72	0.2	34.4	10.9	192	2.79	5.5	0.7	5.0	2.5	18	0.1	0.3	0.3	68	0.27
1077261	Soil	1.0	32.1	9.1	71	<0.1	42.5	12.1	184	2.97	4.1	0.8	1.9	3.7	15	<0.1	0.2	0.2	68	0.23
1077258	Soil	1.0	25.5	9.4	67	0.2	32.6	9.6	170	2.84	6.5	0.8	1.9	2.9	18	<0.1	0.3	0.2	69	0.28
1077260	Soil	1.1	34.9	11.6	75	0.2	35.7	11.9	164	3.11	5.5	0.9	3.0	3.3	16	<0.1	0.3	0.3	73	0.22
1077262	Soil	0.9	35.9	11.1	69	0.2	38.8	11.0	146	3.13	5.8	0.9	4.0	2.8	14	<0.1	0.3	0.3	75	0.20
1077251	Soil	1.6	42.4	12.5	64	0.2	33.6	10.4	309	2.79	4.9	0.8	1.9	1.0	18	0.4	0.4	0.3	77	0.20
1077279	Soil	1.0	44.7	9.4	56	<0.1	30.1	8.0	107	2.41	4.8	1.2	2.8	0.6	12	<0.1	0.1	0.4	66	0.11
1077277	Soil	0.9	68.1	8.5	79	<0.1	49.2	13.8	216	3.96	1.4	1.0	2.6	2.8	10	<0.1	0.1	0.4	83	0.14
1077278	Soil	1.0	33.6	9.5	55	<0.1	32.1	8.7	133	3.09	5.5	0.7	2.6	1.7	9	0.1	0.2	0.3	75	0.11



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 05, 2011

Page: 3 of 5 Part 2

CERTIFICATE OF ANALYSIS

DAW11000306.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1077101	Soil	16	50	0.63	428	0.104	<1	1.59	0.010	0.23	0.1	0.05	4.9	0.2	<0.05	5	0.7
1068899	Soil	11	38	0.60	158	0.093	1	1.54	0.010	0.21	0.2	0.01	2.7	0.2	<0.05	4	<0.5
1068890	Soil	10	38	0.63	186	0.104	<1	1.68	0.010	0.24	0.1	0.02	2.4	0.2	<0.05	5	<0.5
1077274	Soil	9	38	0.65	167	0.112	<1	1.81	0.009	0.43	<0.1	0.01	2.7	0.3	<0.05	6	<0.5
1077273	Soil	10	41	0.66	169	0.120	<1	1.84	0.008	0.47	0.1	0.01	3.0	0.3	<0.05	6	<0.5
1077271	Soil	9	38	0.62	163	0.123	<1	1.66	0.008	0.37	<0.1	0.01	2.5	0.3	<0.05	6	<0.5
1077272	Soil	7	47	0.89	253	0.186	<1	2.11	0.012	0.77	<0.1	<0.01	3.5	0.5	<0.05	6	0.7
1077270	Soil	11	44	0.70	186	0.129	3	1.75	0.009	0.37	0.1	0.02	2.9	0.3	<0.05	6	0.7
1077265	Soil	9	30	0.37	168	0.065	2	1.35	0.011	0.21	<0.1	0.05	1.5	0.2	0.06	5	0.6
1077269	Soil	11	43	0.74	215	0.136	1	1.87	0.011	0.45	<0.1	0.02	3.5	0.3	<0.05	6	0.6
1077267	Soil	11	44	0.75	188	0.134	<1	1.87	0.011	0.44	0.1	0.02	3.0	0.4	<0.05	7	<0.5
1077263	Soil	13	46	0.80	219	0.118	2	2.14	0.010	0.29	0.1	0.03	3.6	0.3	<0.05	6	0.7
1077266	Soil	11	52	0.77	241	0.125	<1	2.19	0.012	0.38	0.1	0.05	4.4	0.3	0.06	7	1.4
1077264	Soil	12	42	0.75	227	0.121	1	2.10	0.011	0.30	0.1	0.02	3.4	0.3	<0.05	6	0.7
1077268	Soil	13	48	0.82	240	0.128	2	2.09	0.011	0.38	0.1	0.03	3.7	0.3	<0.05	6	0.7
1077256	Soil	12	48	0.75	239	0.129	2	1.73	0.010	0.29	0.2	0.03	3.3	0.3	0.06	6	0.8
1077254	Soil	16	68	0.73	183	0.104	2	1.80	0.011	0.18	0.2	0.06	3.4	0.3	0.07	6	0.9
1077255	Soil	12	59	0.82	214	0.129	1	1.76	0.012	0.30	0.2	0.02	3.3	0.3	<0.05	6	0.6
1077253	Soil	13	48	0.68	160	0.109	2	1.76	0.011	0.22	0.2	0.06	3.2	0.2	0.07	6	1.1
1077252	Soil	12	51	0.74	172	0.110	2	1.73	0.013	0.27	0.3	0.05	2.9	0.2	0.07	6	0.8
1077257	Soil	11	47	0.72	202	0.114	1	1.77	0.010	0.20	0.2	0.04	3.3	0.2	<0.05	6	<0.5
1077259	Soil	11	45	0.81	231	0.123	<1	1.91	0.011	0.24	0.2	0.03	3.4	0.3	0.06	7	0.7
1077261	Soil	14	54	0.86	211	0.135	<1	1.97	0.010	0.38	0.1	0.02	3.2	0.3	<0.05	6	0.8
1077258	Soil	12	46	0.78	200	0.119	1	1.78	0.010	0.22	0.2	0.04	3.1	0.3	<0.05	7	0.9
1077260	Soil	12	51	0.89	241	0.131	<1	2.08	0.012	0.35	0.1	0.03	3.7	0.3	<0.05	7	1.0
1077262	Soil	13	55	0.84	192	0.123	2	2.20	0.009	0.26	0.1	0.03	3.8	0.3	<0.05	7	0.8
1077251	Soil	11	41	0.51	186	0.108	2	1.46	0.011	0.22	0.1	0.05	2.1	0.2	0.10	6	0.6
1077279	Soil	12	36	0.53	188	0.102	1	1.61	0.012	0.41	<0.1	0.02	1.6	0.2	<0.05	7	0.6
1077277	Soil	9	52	0.94	267	0.182	<1	2.45	0.017	0.95	<0.1	0.01	3.8	0.5	<0.05	7	0.8
1077278	Soil	10	40	0.69	150	0.133	1	1.77	0.009	0.41	0.1	0.02	2.7	0.3	<0.05	7	0.5



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 05, 2011

Page: 4 of 5 Part 1

CERTIFICATE OF ANALYSIS

DAW11000306.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1077281	Soil	1.1	40.0	11.4	52	<0.1	37.5	10.7	204	3.12	5.4	0.9	8.2	2.1	12	0.1	0.3	0.3	75	0.13	0.064
1077276	Soil	1.0	30.4	9.4	45	<0.1	30.7	9.1	115	2.87	3.4	0.8	3.5	2.4	8	<0.1	0.2	0.3	81	0.09	0.046
1077283	Soil	1.0	49.2	10.0	60	<0.1	44.7	15.0	271	3.65	5.5	0.8	17.6	3.3	13	<0.1	0.3	0.3	85	0.12	0.052
1077282	Soil	1.0	50.5	10.8	61	<0.1	44.6	14.8	262	3.48	5.4	0.8	8.4	3.3	12	0.1	0.3	0.3	80	0.12	0.053
1077275	Soil	1.1	61.8	12.0	90	<0.1	55.5	16.2	286	4.22	1.0	1.0	1.9	3.1	8	<0.1	<0.1	0.3	100	0.15	0.082
1077280	Soil	0.9	31.2	10.2	52	<0.1	27.6	8.4	166	2.75	6.0	0.7	2.6	1.9	9	<0.1	0.3	0.3	72	0.09	0.048
1108840	Soil	1.8	44.0	10.2	71	<0.1	38.0	12.6	224	3.48	5.7	0.9	2.1	3.6	13	<0.1	0.3	0.3	75	0.18	0.063
1108850	Soil	0.9	33.4	9.0	56	0.1	31.1	10.2	163	3.06	5.1	1.0	6.5	2.6	11	0.1	0.2	0.3	75	0.14	0.057
1108841	Soil	1.3	47.9	9.8	68	0.2	36.7	11.3	212	3.16	5.8	1.0	2.3	3.1	15	0.1	0.3	0.3	70	0.20	0.068
1108854	Soil	0.9	37.8	9.3	54	<0.1	30.8	12.7	268	3.31	8.5	0.8	3.4	2.6	11	0.1	0.2	0.3	74	0.15	0.066
1108844	Soil	1.1	42.5	9.6	61	0.2	35.8	10.8	141	3.25	5.1	1.0	5.7	2.5	12	<0.1	0.3	0.3	74	0.18	0.061
1108842	Soil	1.0	48.2	7.8	65	0.1	38.5	11.9	159	3.16	5.0	0.9	3.4	3.4	14	<0.1	0.3	0.2	70	0.20	0.055
1108846	Soil	1.0	34.2	7.6	44	0.1	26.9	10.1	205	2.64	4.0	0.8	3.6	1.4	9	<0.1	0.2	0.2	64	0.14	0.050
1108848	Soil	0.9	44.2	8.1	52	0.1	34.2	11.0	167	3.12	3.6	0.9	7.0	2.5	10	<0.1	0.2	0.2	70	0.14	0.060
1108852	Soil	0.9	26.4	7.8	50	0.1	30.0	9.5	116	3.05	4.4	0.8	1.6	2.0	9	0.1	0.2	0.2	71	0.14	0.060
1108849	Soil	0.9	44.4	7.5	51	<0.1	33.5	11.2	162	3.14	3.7	0.9	4.1	2.3	10	<0.1	0.2	0.2	72	0.13	0.059
1108851	Soil	1.0	26.5	7.5	51	0.1	30.1	10.0	117	3.04	4.4	0.9	4.5	2.3	9	0.1	0.2	0.3	71	0.16	0.062
1108847	Soil	0.8	28.9	7.1	55	<0.1	31.6	10.8	212	2.86	5.0	0.8	5.6	3.0	10	0.1	0.3	0.2	63	0.16	0.061
1108861	Soil	0.6	43.3	6.6	45	<0.1	37.6	10.5	148	2.66	5.5	0.5	4.7	1.2	8	<0.1	<0.1	0.2	54	0.08	0.056
1108862	Soil	0.8	33.5	8.0	51	<0.1	29.9	9.2	164	2.62	8.6	0.8	5.8	2.4	10	<0.1	0.2	0.2	60	0.15	0.062
1108872	Soil	0.7	34.2	8.8	72	0.2	59.0	12.0	332	2.43	18.3	1.2	4.9	4.3	38	0.3	0.4	0.1	62	0.69	0.055
1108873	Soil	0.6	22.8	7.6	75	0.2	29.1	9.1	373	2.25	10.6	0.7	3.7	3.6	44	0.2	0.3	0.2	54	0.84	0.054
1108874	Soil	0.7	23.0	6.5	64	0.2	30.9	8.8	360	1.97	8.7	0.6	2.0	3.1	29	0.2	0.3	0.1	49	0.45	0.041
1108866	Soil	0.3	42.2	10.3	147	<0.1	34.7	13.7	535	3.82	2.8	0.6	5.4	3.7	16	0.1	0.1	0.1	127	0.22	0.060
1108871	Soil	0.9	33.2	7.8	74	0.3	53.3	11.6	365	2.84	18.7	0.9	3.6	3.6	35	0.1	0.4	0.1	67	0.58	0.048
1108870	Soil	0.7	29.7	7.3	71	0.2	54.6	9.9	361	2.52	13.1	0.7	5.1	3.5	26	0.1	0.3	0.1	66	0.30	0.045
1108845	Soil	1.0	36.1	7.6	51	0.1	30.1	11.3	233	2.89	4.3	0.9	1.8	1.6	10	0.1	0.2	0.2	68	0.15	0.056
1108867	Soil	0.5	33.3	6.6	80	<0.1	29.7	9.8	236	2.64	5.2	0.9	4.2	3.6	14	<0.1	0.2	0.1	60	0.19	0.055
1108869	Soil	0.7	31.5	7.3	67	0.1	49.2	10.9	270	2.70	10.5	1.1	7.8	4.4	16	<0.1	0.2	0.1	64	0.19	0.043
1108864	Soil	0.6	52.0	9.0	93	<0.1	38.4	10.1	245	3.34	6.9	1.1	5.7	3.8	16	<0.1	0.2	0.2	73	0.15	0.057



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 05, 2011

Page: 4 of 5 Part 2

CERTIFICATE OF ANALYSIS

DAW11000306.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1077281	Soil	11	43	0.77	223	0.128	<1	2.14	0.011	0.48	0.1	0.03	3.2	0.3	0.07	6	0.8	<0.2
1077276	Soil	11	43	0.71	188	0.161	1	1.87	0.011	0.44	0.1	0.02	2.8	0.3	0.06	7	0.7	<0.2
1077283	Soil	10	51	0.92	260	0.168	1	2.54	0.011	0.55	0.1	0.01	3.8	0.4	0.09	7	1.1	<0.2
1077282	Soil	9	52	0.92	244	0.163	<1	2.58	0.012	0.58	0.1	0.02	3.7	0.4	0.07	7	0.6	<0.2
1077275	Soil	11	58	1.13	321	0.229	<1	2.73	0.017	1.10	<0.1	<0.01	4.7	0.6	<0.05	8	0.8	<0.2
1077280	Soil	12	36	0.56	173	0.114	<1	1.66	0.009	0.33	0.1	0.02	2.3	0.2	<0.05	7	0.6	<0.2
1108840	Soil	12	43	0.77	187	0.141	<1	2.17	0.010	0.44	0.2	0.02	3.2	0.3	0.10	6	1.1	<0.2
1108850	Soil	13	42	0.73	179	0.150	2	2.08	0.009	0.41	0.1	0.03	3.2	0.3	0.07	7	0.6	<0.2
1108841	Soil	12	44	0.81	187	0.129	1	2.05	0.010	0.37	0.1	0.02	3.5	0.3	0.10	6	0.6	<0.2
1108854	Soil	10	43	0.80	234	0.143	<1	2.10	0.011	0.51	0.2	0.01	3.2	0.3	0.06	7	0.6	<0.2
1108844	Soil	12	46	0.82	198	0.135	1	2.24	0.009	0.42	0.1	0.03	3.4	0.3	0.11	7	0.7	<0.2
1108842	Soil	12	43	0.82	225	0.140	1	2.06	0.010	0.46	0.1	0.03	3.7	0.3	0.07	6	0.5	<0.2
1108846	Soil	9	29	0.64	190	0.108	<1	1.71	0.010	0.36	0.1	<0.01	2.7	0.3	<0.05	6	0.7	<0.2
1108848	Soil	10	42	0.76	229	0.136	<1	2.05	0.010	0.53	0.1	0.02	3.2	0.4	<0.05	6	0.6	<0.2
1108852	Soil	10	40	0.70	210	0.127	<1	1.92	0.008	0.36	0.1	0.02	3.0	0.3	<0.05	6	<0.5	<0.2
1108849	Soil	10	44	0.79	235	0.138	<1	2.11	0.011	0.56	0.1	0.01	3.4	0.4	<0.05	6	<0.5	<0.2
1108851	Soil	11	42	0.75	220	0.133	<1	2.00	0.009	0.37	0.1	0.02	3.0	0.3	<0.05	6	<0.5	<0.2
1108847	Soil	10	38	0.71	180	0.125	<1	1.79	0.009	0.35	0.2	<0.01	2.9	0.3	<0.05	6	<0.5	<0.2
1108861	Soil	4	37	0.76	233	0.139	<1	1.85	0.012	0.78	<0.1	<0.01	2.9	0.4	<0.05	5	<0.5	<0.2
1108862	Soil	10	36	0.70	209	0.109	<1	1.78	0.010	0.43	0.1	<0.01	2.9	0.3	<0.05	6	<0.5	<0.2
1108872	Soil	15	61	0.84	337	0.105	<1	1.87	0.022	0.17	0.2	0.01	4.6	0.2	<0.05	6	0.9	<0.2
1108873	Soil	13	35	0.60	253	0.088	2	1.48	0.020	0.09	0.2	0.04	4.3	0.1	<0.05	5	<0.5	<0.2
1108874	Soil	12	35	0.61	225	0.084	<1	1.47	0.014	0.15	0.2	0.01	3.9	0.1	<0.05	4	<0.5	<0.2
1108866	Soil	13	43	1.31	1059	0.254	<1	2.96	0.012	1.16	0.1	<0.01	8.8	0.7	<0.05	10	<0.5	<0.2
1108871	Soil	15	63	0.82	331	0.113	<1	2.16	0.014	0.17	0.2	0.04	4.9	0.2	<0.05	7	0.7	<0.2
1108870	Soil	12	61	0.96	312	0.121	<1	2.06	0.014	0.26	0.2	<0.01	4.8	0.2	<0.05	7	1.0	<0.2
1108845	Soil	9	40	0.73	211	0.118	<1	1.89	0.011	0.39	<0.1	<0.01	2.9	0.3	<0.05	6	0.9	<0.2
1108867	Soil	13	34	0.71	416	0.142	<1	1.79	0.008	0.48	0.1	0.02	4.4	0.4	<0.05	6	<0.5	<0.2
1108869	Soil	17	65	0.90	357	0.139	<1	2.13	0.010	0.38	0.1	0.02	4.8	0.3	<0.05	7	<0.5	<0.2
1108864	Soil	13	50	0.83	433	0.184	<1	2.04	0.011	0.95	0.1	<0.01	4.7	0.4	<0.05	7	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 05, 2011

Page: 5 of 5 Part 1

CERTIFICATE OF ANALYSIS

DAW11000306.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1108856	Soil	0.8	33.7	8.2	53	<0.1	30.2	10.3	179	2.83	6.5	0.9	2.7	2.4	11	0.1	0.2	0.2	64	0.15	0.059
1108853	Soil	0.8	37.8	8.4	56	0.2	34.2	9.1	111	2.88	3.7	1.0	2.7	2.1	8	0.1	0.1	0.3	62	0.11	0.050
1108860	Soil	0.6	43.0	6.8	43	<0.1	31.2	11.1	195	2.85	6.2	0.7	5.5	1.9	17	<0.1	0.2	0.2	63	0.12	0.065
1108857	Soil	0.7	29.4	8.6	54	0.2	25.9	8.6	108	2.63	4.8	0.9	7.1	1.5	12	<0.1	0.2	0.2	59	0.14	0.054
1108865	Soil	0.6	53.3	5.5	94	<0.1	43.2	12.9	165	3.35	8.8	0.8	6.8	2.0	11	<0.1	0.1	0.2	72	0.15	0.060
1108859	Soil	0.8	55.4	7.1	64	0.2	48.3	10.1	137	2.85	7.8	0.9	11.0	2.1	10	<0.1	<0.1	0.3	60	0.14	0.071
1108868	Soil	0.6	25.0	8.9	70	0.1	25.2	7.7	161	2.45	4.9	1.0	2.7	2.6	11	0.1	0.2	0.2	56	0.14	0.051
1108858	Soil	0.8	33.1	8.2	49	0.1	27.6	7.8	110	2.42	4.8	1.0	4.3	1.6	11	0.1	0.1	0.2	55	0.13	0.050
1108843	Soil	1.0	34.3	7.2	55	0.1	32.2	10.4	162	2.83	4.5	0.7	1.4	2.6	11	<0.1	0.3	0.2	65	0.16	0.051
1108855	Soil	0.7	37.6	7.8	47	<0.1	29.8	9.6	201	2.57	7.9	0.9	3.8	1.7	11	<0.1	0.1	0.2	56	0.15	0.056
1108863	Soil	0.7	29.2	8.3	53	<0.1	30.8	9.5	167	2.64	8.7	0.9	3.3	2.8	13	0.1	0.2	0.2	60	0.15	0.052



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 05, 2011

Page: 5 of 5 **Part** 2

CERTIFICATE OF ANALYSIS

DAW11000306.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1108856	Soil	10	37	0.68	204	0.108	<1	1.78	0.009	0.37	0.1	0.02	2.8	0.3	<0.05	6	<0.5	<0.2
1108853	Soil	11	42	0.71	219	0.117	<1	1.97	0.009	0.45	0.1	0.03	3.2	0.3	<0.05	6	<0.5	<0.2
1108860	Soil	6	41	0.75	228	0.132	<1	1.83	0.010	0.61	<0.1	0.01	3.2	0.3	<0.05	5	<0.5	<0.2
1108857	Soil	10	36	0.62	185	0.087	<1	1.78	0.009	0.27	0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1108865	Soil	6	48	0.91	320	0.172	<1	2.14	0.012	0.88	0.1	<0.01	3.7	0.6	<0.05	7	<0.5	<0.2
1108859	Soil	7	41	0.74	255	0.133	<1	1.91	0.012	0.68	<0.1	<0.01	3.3	0.4	<0.05	6	<0.5	<0.2
1108868	Soil	15	36	0.59	245	0.100	<1	1.81	0.007	0.28	0.1	0.03	3.0	0.2	<0.05	6	0.6	<0.2
1108858	Soil	10	34	0.58	196	0.094	<1	1.71	0.009	0.31	0.1	0.04	2.8	0.2	<0.05	6	<0.5	<0.2
1108843	Soil	10	40	0.73	177	0.127	<1	1.84	0.008	0.40	0.1	<0.01	3.1	0.3	<0.05	6	<0.5	<0.2
1108855	Soil	10	37	0.62	212	0.103	<1	1.62	0.012	0.44	<0.1	0.01	2.7	0.3	<0.05	6	0.5	<0.2
1108863	Soil	11	41	0.64	202	0.102	<1	1.77	0.013	0.32	0.2	0.02	3.4	0.2	<0.05	6	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 05, 2011

Page:

1 of 1

Part 1

QUALITY CONTROL REPORT

DAW11000306.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1068895	Soil	1.7	39.1	8.5	47	0.2	26.5	7.8	188	3.51	9.1	0.5	4.6	1.7	8	0.2	0.5	0.2	81	0.08	0.043
REP 1068895	QC	1.6	39.4	8.5	47	0.2	26.4	7.7	185	3.53	9.1	0.5	22.5	1.7	9	0.2	0.4	0.2	81	0.08	0.044
1068896	Soil	1.0	32.3	7.2	42	<0.1	26.1	7.0	109	2.28	4.5	0.5	1.8	0.7	12	0.2	0.3	0.2	63	0.13	0.042
REP 1068896	QC	1.1	32.0	7.5	43	<0.1	26.1	7.0	112	2.40	4.6	0.5	1.6	0.7	12	0.2	0.3	0.2	65	0.13	0.044
1077259	Soil	1.0	25.3	9.8	72	0.2	34.4	10.9	192	2.79	5.5	0.7	5.0	2.5	18	0.1	0.3	0.3	68	0.27	0.066
REP 1077259	QC	0.9	25.9	10.0	70	0.2	33.1	10.0	187	2.77	5.8	0.7	3.9	2.6	17	<0.1	0.3	0.3	65	0.27	0.059
1108842	Soil	1.0	48.2	7.8	65	0.1	38.5	11.9	159	3.16	5.0	0.9	3.4	3.4	14	<0.1	0.3	0.2	70	0.20	0.055
REP 1108842	QC	0.9	47.4	7.6	64	0.1	36.2	10.9	144	3.02	4.7	0.9	4.8	3.3	13	0.1	0.3	0.3	67	0.19	0.052
1108849	Soil	0.9	44.4	7.5	51	<0.1	33.5	11.2	162	3.14	3.7	0.9	4.1	2.3	10	<0.1	0.2	0.2	72	0.13	0.059
REP 1108849	QC	0.9	43.3	7.6	49	<0.1	34.3	11.0	159	3.16	3.6	0.9	3.2	2.4	9	<0.1	0.2	0.2	71	0.13	0.058
1108853	Soil	0.8	37.8	8.4	56	0.2	34.2	9.1	111	2.88	3.7	1.0	2.7	2.1	8	0.1	0.1	0.3	62	0.11	0.050
REP 1108853	QC	0.8	38.1	8.5	54	0.2	33.4	9.0	108	2.67	3.3	1.0	4.5	2.1	8	0.1	0.1	0.2	62	0.11	0.050
Reference Materials																					
STD DS8	Standard	12.5	111.0	124.1	307	1.8	36.8	7.4	609	2.45	25.2	2.6	108.6	6.2	58	2.2	5.2	5.9	42	0.65	0.075
STD DS8	Standard	13.4	118.2	130.9	321	1.9	39.6	8.4	608	2.49	25.9	3.1	125.5	7.6	67	2.7	5.9	7.6	49	0.70	0.082
STD DS8	Standard	12.5	114.1	118.0	302	1.7	38.6	7.4	595	2.44	25.2	2.3	108.2	5.9	55	2.4	4.8	5.7	42	0.65	0.076
STD DS8	Standard	12.4	107.8	125.5	312	1.8	38.3	7.4	600	2.47	25.5	2.8	124.4	6.9	67	2.7	5.6	6.8	41	0.68	0.080
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 05, 2011

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

DAW11000306.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1068895	Soil	8	34	0.48	98	0.099	<1	1.54	0.007	0.13	0.2	0.04	2.3	0.2	<0.05	7	<0.5	<0.2
REP 1068895	QC	8	34	0.47	101	0.102	<1	1.57	0.007	0.14	0.2	0.04	2.3	0.2	<0.05	7	0.6	<0.2
1068896	Soil	9	30	0.41	124	0.080	<1	1.14	0.006	0.16	0.1	0.04	1.7	0.2	<0.05	5	<0.5	<0.2
REP 1068896	QC	9	31	0.41	124	0.081	<1	1.14	0.007	0.15	0.1	0.03	1.7	0.2	<0.05	6	<0.5	<0.2
1077259	Soil	11	45	0.81	231	0.123	<1	1.91	0.011	0.24	0.2	0.03	3.4	0.3	0.06	7	0.7	<0.2
REP 1077259	QC	11	45	0.80	230	0.119	<1	1.95	0.009	0.23	0.2	0.05	3.1	0.3	<0.05	6	0.7	<0.2
1108842	Soil	12	43	0.82	225	0.140	1	2.06	0.010	0.46	0.1	0.03	3.7	0.3	0.07	6	0.5	<0.2
REP 1108842	QC	12	42	0.80	212	0.144	<1	1.97	0.011	0.44	0.1	0.03	3.5	0.3	<0.05	6	0.5	<0.2
1108849	Soil	10	44	0.79	235	0.138	<1	2.11	0.011	0.56	0.1	0.01	3.4	0.4	<0.05	6	<0.5	<0.2
REP 1108849	QC	9	43	0.77	236	0.134	1	2.04	0.009	0.53	<0.1	0.01	3.4	0.4	<0.05	6	<0.5	<0.2
1108853	Soil	11	42	0.71	219	0.117	<1	1.97	0.009	0.45	0.1	0.03	3.2	0.3	<0.05	6	<0.5	<0.2
REP 1108853	QC	10	41	0.70	209	0.114	<1	1.89	0.009	0.44	0.1	0.01	3.2	0.3	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	111	0.59	268	0.104	3	0.89	0.104	0.40	3.1	0.19	2.0	5.1	0.15	5	6.1	4.8
STD DS8	Standard	15	116	0.64	282	0.127	3	1.02	0.104	0.41	3.0	0.20	2.3	5.8	0.15	5	5.5	5.1
STD DS8	Standard	13	115	0.58	257	0.107	2	0.84	0.085	0.39	2.8	0.19	2.0	5.2	0.16	4	5.2	4.7
STD DS8	Standard	14	115	0.61	278	0.111	2	0.92	0.102	0.44	3.0	0.22	2.6	5.3	0.13	5	5.0	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: September 05, 2011
Report Date: October 04, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS

DAW11000309.1

CLIENT JOB INFORMATION

Project: GEM
Shipment ID: GEM2011-05
P.O. Number
Number of Samples: 79

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	79	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	79	Dry at 60C			WHI
1DX2	79	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 04, 2011

Page:

2 of 4

Part 1

CERTIFICATE OF ANALYSIS

DAW11000309.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1077305	Soil	1.7	41.7	6.3	78	0.2	34.9	11.2	408	3.06	2.5	1.1	3.9	2.6	21	0.2	0.2	0.2	76	0.28	0.073
1077325	Soil	1.8	18.9	5.8	78	0.2	36.0	12.9	332	2.25	7.6	1.4	40.1	3.0	31	0.5	0.4	0.1	46	0.49	0.065
1077310	Soil	1.1	45.9	10.9	127	0.1	83.9	13.2	353	3.10	19.8	1.3	3.8	5.4	27	0.2	0.2	0.2	80	0.37	0.039
1077306	Soil	2.6	57.2	6.6	118	0.6	86.1	14.0	576	3.15	2.8	2.6	5.8	4.0	28	0.7	0.3	0.2	69	0.42	0.083
1077320	Soil	1.2	44.0	10.7	119	<0.1	65.8	11.7	1027	3.17	1.4	0.6	1.6	6.1	19	0.2	0.1	0.2	94	0.42	0.056
1068884	Soil	1.3	57.6	7.3	179	0.1	89.4	15.6	454	2.85	9.3	1.0	3.4	4.7	33	0.5	0.3	0.2	74	0.45	0.058
1077318	Soil	0.9	23.0	5.7	52	0.1	24.7	7.1	229	2.14	6.8	0.9	23.2	3.9	29	<0.1	0.4	0.1	50	0.38	0.060
1077311	Soil	0.8	46.5	6.8	73	<0.1	76.1	10.2	318	2.46	8.5	0.6	2.1	3.1	26	0.1	0.2	0.1	62	0.43	0.049
1077316	Soil	1.7	35.4	9.0	65	0.3	29.7	10.2	327	2.55	7.0	1.4	2.9	4.1	32	0.3	0.5	0.2	59	0.44	0.063
1077303	Soil	0.6	39.9	10.0	91	0.2	60.2	9.9	677	3.25	14.9	0.8	3.1	7.1	61	0.3	0.2	0.2	91	0.88	0.063
1077313	Soil	1.7	71.3	2.1	85	<0.1	28.1	29.0	331	5.08	1.3	0.7	2.1	0.6	15	<0.1	<0.1	<0.1	172	0.58	0.253
1077302	Soil	1.3	45.9	5.7	81	<0.1	27.9	11.5	340	3.23	4.1	0.8	3.3	2.8	19	<0.1	0.3	0.1	64	0.19	0.044
1077304	Soil	1.1	45.7	7.8	148	0.2	119.9	13.7	626	3.51	2.8	1.4	3.5	8.6	18	0.3	0.1	0.1	69	0.34	0.052
1077307	Soil	0.8	36.2	8.7	76	0.2	43.9	12.2	596	2.64	7.4	0.9	1.2	3.5	35	0.2	0.2	0.2	63	0.72	0.047
1068883	Soil	2.1	70.8	6.8	89	<0.1	35.2	14.2	436	3.92	3.0	0.7	3.2	2.0	19	0.1	0.2	0.2	94	0.20	0.083
1077309	Soil	1.1	44.1	7.1	73	0.2	34.9	11.5	366	2.67	5.2	1.8	3.8	3.3	28	0.3	0.3	0.1	68	0.45	0.047
1077326	Soil	0.8	27.8	7.2	78	0.1	42.5	9.5	351	1.87	5.0	1.1	3.6	3.6	26	0.2	0.3	0.1	42	0.46	0.041
1077322	Soil	1.4	34.2	9.2	92	0.2	39.7	10.3	355	2.90	6.6	0.7	3.5	4.8	25	0.3	0.4	0.2	67	0.43	0.061
1077324	Soil	1.9	28.6	7.4	106	0.2	41.4	9.6	207	2.31	5.9	1.8	10.0	4.8	32	0.4	0.4	0.1	50	0.42	0.054
1077315	Soil	1.3	41.3	12.1	75	0.2	45.4	12.5	403	3.06	9.8	0.9	3.0	5.8	38	0.4	0.7	0.2	67	0.49	0.055
1077308	Soil	2.4	56.3	8.2	282	0.3	88.5	14.2	466	3.59	4.4	1.5	5.3	7.5	26	0.5	0.2	0.2	66	0.35	0.046
1077317	Soil	1.4	47.8	8.7	103	0.2	57.4	8.1	591	2.75	5.8	1.1	3.9	4.7	23	0.3	0.4	0.2	80	0.43	0.067
1077321	Soil	0.6	37.0	8.0	94	0.2	44.5	10.6	550	2.66	6.2	0.6	3.1	4.6	38	0.4	0.4	0.2	67	1.47	0.053
1077314	Soil	0.8	33.8	6.0	83	0.2	36.8	5.5	360	2.19	5.4	1.1	5.6	4.8	38	<0.1	0.2	0.1	61	0.53	0.051
1077301	Soil	1.8	79.8	2.0	95	<0.1	30.5	31.1	352	5.33	1.1	0.9	1.5	1.0	16	0.1	<0.1	<0.1	182	0.67	0.295
1077323	Soil	1.7	24.2	7.6	68	0.2	29.2	7.2	199	2.09	5.3	2.3	10.3	4.0	40	0.3	0.4	0.1	49	0.67	0.043
1077319	Soil	1.8	37.7	5.9	119	0.3	61.4	14.1	225	2.40	3.2	2.0	2.8	3.7	28	0.7	0.3	0.1	64	0.64	0.081
1077312	Soil	0.8	33.7	8.0	101	0.1	81.1	14.4	470	3.07	6.4	1.1	4.8	6.7	28	0.1	0.2	0.2	73	0.49	0.049
1077380	Soil	0.8	28.2	8.0	67	0.1	25.5	9.5	385	2.39	8.8	0.7	3.7	4.2	55	0.3	0.7	0.2	52	1.42	0.076
1077379	Soil	0.8	18.9	7.5	53	0.1	19.3	8.8	319	2.26	7.8	1.0	15.6	3.5	33	0.1	0.5	0.1	49	0.51	0.077



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 04, 2011

Page: 2 of 4 Part 2

CERTIFICATE OF ANALYSIS

DAW11000309.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1077305	Soil	13	52	1.06	953	0.139	1	2.00	0.018	0.54	<0.1	0.03	4.2	0.2	<0.05	7	1.4	<0.2
1077325	Soil	12	22	0.33	420	0.054	1	0.84	0.012	0.07	0.2	0.03	2.2	<0.1	<0.05	3	2.0	<0.2
1077310	Soil	15	107	1.47	591	0.189	<1	2.50	0.021	0.50	<0.1	0.01	5.5	0.4	<0.05	8	0.8	<0.2
1077306	Soil	17	80	1.17	1503	0.160	<1	2.25	0.012	0.54	<0.1	0.03	5.5	0.3	<0.05	7	1.7	<0.2
1077320	Soil	27	66	1.43	697	0.212	<1	2.34	0.026	1.09	0.1	0.02	9.8	0.4	<0.05	9	0.9	<0.2
1068884	Soil	14	90	1.40	707	0.153	1	2.38	0.016	0.26	<0.1	0.02	5.0	0.2	<0.05	7	0.9	<0.2
1077318	Soil	13	32	0.46	437	0.073	1	1.19	0.018	0.06	0.1	0.02	3.4	<0.1	<0.05	4	0.6	<0.2
1077311	Soil	9	87	1.35	565	0.151	<1	2.36	0.017	0.31	0.1	<0.01	4.6	0.3	<0.05	7	0.7	<0.2
1077316	Soil	16	36	0.59	598	0.080	1	1.57	0.019	0.06	0.2	0.03	3.8	<0.1	<0.05	4	0.8	<0.2
1077303	Soil	17	99	1.44	759	0.239	<1	3.19	0.016	0.83	0.1	0.01	9.4	0.4	<0.05	10	0.8	<0.2
1077313	Soil	5	18	1.67	534	0.142	<1	3.01	0.017	0.99	<0.1	<0.01	7.6	<0.1	<0.05	14	<0.5	<0.2
1077302	Soil	10	43	1.06	501	0.154	<1	2.03	0.014	0.49	<0.1	0.02	4.1	0.2	<0.05	7	<0.5	<0.2
1077304	Soil	23	139	1.62	927	0.230	<1	2.92	0.013	1.03	<0.1	<0.01	5.4	0.6	<0.05	9	1.4	<0.2
1077307	Soil	16	50	0.97	634	0.145	2	2.07	0.017	0.23	0.1	0.03	4.2	0.2	<0.05	7	<0.5	<0.2
1068883	Soil	9	68	1.49	740	0.180	<1	2.61	0.025	0.93	<0.1	0.02	5.9	0.3	0.11	9	1.0	<0.2
1077309	Soil	14	46	0.83	837	0.117	1	1.70	0.015	0.11	<0.1	0.02	4.0	0.1	<0.05	6	1.1	<0.2
1077326	Soil	14	34	0.48	259	0.076	<1	1.12	0.015	0.11	<0.1	0.02	3.0	<0.1	<0.05	3	0.9	<0.2
1077322	Soil	15	45	0.65	473	0.111	<1	1.60	0.014	0.23	0.1	0.02	4.4	0.2	<0.05	5	0.5	<0.2
1077324	Soil	15	31	0.47	318	0.082	<1	1.26	0.015	0.15	0.2	0.03	3.3	0.1	<0.05	4	1.5	<0.2
1077315	Soil	18	54	0.78	527	0.123	1	1.90	0.020	0.17	0.1	0.03	4.7	0.2	<0.05	6	1.0	<0.2
1077308	Soil	18	90	1.30	601	0.193	<1	2.39	0.013	0.44	<0.1	<0.01	5.1	0.4	<0.05	8	2.1	<0.2
1077317	Soil	20	53	1.13	670	0.134	<1	2.22	0.022	0.48	0.1	0.02	8.4	0.3	<0.05	7	0.8	<0.2
1077321	Soil	18	49	0.89	466	0.117	1	1.68	0.018	0.29	0.1	0.03	6.3	0.2	<0.05	6	<0.5	<0.2
1077314	Soil	16	44	0.93	339	0.100	<1	1.84	0.057	0.22	<0.1	0.03	7.5	0.2	<0.05	6	0.5	<0.2
1077301	Soil	7	18	1.80	569	0.145	<1	3.25	0.021	1.06	<0.1	<0.01	8.5	<0.1	<0.05	15	<0.5	<0.2
1077323	Soil	14	37	0.56	406	0.085	2	1.27	0.016	0.17	0.2	0.02	3.3	0.1	0.07	4	2.1	<0.2
1077319	Soil	15	63	0.79	676	0.114	1	1.55	0.016	0.23	0.1	0.02	4.3	0.2	0.06	5	4.1	<0.2
1077312	Soil	16	109	1.35	519	0.217	<1	2.48	0.015	0.75	0.1	0.02	5.6	0.5	<0.05	8	0.6	<0.2
1077380	Soil	14	27	0.68	339	0.077	3	1.19	0.030	0.08	0.2	0.02	3.4	<0.1	<0.05	4	0.7	<0.2
1077379	Soil	14	25	0.47	275	0.062	2	1.26	0.021	0.05	0.3	0.04	3.3	<0.1	<0.05	4	0.7	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 04, 2011

Page:

3 of 4

Part 1

CERTIFICATE OF ANALYSIS

DAW11000309.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
1077376	Soil	1.1	32.7	9.2	66	0.1	26.8	10.1	393	2.73	11.6	1.3	4.7	4.7	34	0.4	0.7	0.2	58	0.58	0.076
1077383	Soil	0.7	17.8	8.2	56	<0.1	18.2	7.9	322	2.14	6.0	0.8	2.7	3.4	36	0.3	0.5	0.1	51	0.55	0.072
1077382	Soil	1.1	29.5	8.5	72	0.2	27.1	9.9	452	2.46	9.5	0.9	2.3	4.0	59	0.5	0.9	0.2	53	1.63	0.077
1077377	Soil	0.6	17.6	9.1	63	0.1	20.4	8.0	308	1.99	5.2	1.1	9.3	3.6	30	0.3	0.3	0.2	49	0.45	0.054
1077381	Soil	1.0	28.7	8.6	65	0.1	25.7	10.1	472	2.42	9.3	0.7	3.4	4.0	47	0.3	0.7	0.1	51	1.13	0.075
1077378	Soil	0.8	18.0	6.9	60	0.1	19.8	10.8	494	2.35	7.3	0.9	3.8	3.3	34	0.3	0.5	0.1	49	0.56	0.069
1077352	Soil	0.6	45.2	9.5	108	<0.1	60.6	14.9	558	3.68	4.1	1.1	4.8	8.1	15	0.1	0.2	0.2	85	0.19	0.055
1077351	Soil	0.8	46.0	7.8	74	<0.1	57.6	15.6	350	3.53	4.7	0.8	4.2	3.5	15	0.1	0.2	0.2	85	0.14	0.038
1077353	Soil	0.8	46.0	7.5	71	<0.1	44.4	14.1	364	3.22	8.5	0.8	3.7	3.2	12	<0.1	0.2	0.2	75	0.15	0.057
1077375	Soil	1.0	24.8	10.0	71	0.1	23.6	9.8	302	2.50	10.2	0.7	4.8	3.7	25	0.3	0.7	0.1	51	0.39	0.064
1077358	Soil	0.6	28.9	8.7	66	<0.1	32.5	11.0	361	2.78	6.4	0.8	3.7	4.1	13	<0.1	0.3	0.1	62	0.17	0.039
1077354	Soil	1.0	31.5	9.6	64	<0.1	30.9	10.3	255	3.01	6.9	1.0	3.2	3.8	16	<0.1	0.3	0.2	70	0.14	0.037
1077356	Soil	0.8	40.7	8.0	74	<0.1	32.1	11.3	433	2.57	5.4	0.8	3.8	3.7	14	<0.1	0.2	0.2	62	0.17	0.040
1077355	Soil	0.4	48.7	6.8	92	<0.1	47.9	12.3	388	1.87	2.9	0.7	2.5	2.6	20	<0.1	0.1	<0.1	54	0.13	0.021
1077359	Soil	0.5	39.5	8.1	73	<0.1	48.7	12.0	408	2.96	4.1	0.8	2.1	5.2	17	<0.1	0.2	0.2	73	0.23	0.042
1077361	Soil	0.3	25.1	9.7	74	0.1	392.6	38.4	596	2.97	24.0	0.8	9.9	5.8	58	0.1	0.2	0.1	48	0.77	0.046
1077357	Soil	0.7	33.6	9.7	72	<0.1	37.9	11.2	423	2.95	4.6	1.1	3.5	5.4	19	<0.1	0.2	0.1	69	0.23	0.040
1077360	Soil	0.5	36.6	9.7	99	<0.1	119.7	15.1	456	2.87	30.6	0.8	3.5	5.4	31	0.1	0.3	0.2	71	0.24	0.037
1077365	Soil	0.7	27.4	8.0	81	0.1	32.8	8.7	513	2.46	6.3	0.6	6.5	4.3	16	<0.1	0.3	0.1	62	0.27	0.040
1077367	Soil	0.8	32.5	9.5	87	0.2	35.8	10.1	517	2.59	6.6	0.8	4.6	4.3	26	0.1	0.3	0.2	63	0.51	0.044
1077364	Soil	0.7	28.0	8.3	76	<0.1	35.9	9.0	398	2.53	6.7	0.8	5.9	4.6	20	<0.1	0.3	0.1	65	0.31	0.034
1077362	Soil	0.6	29.7	8.7	74	<0.1	57.0	10.3	360	2.61	10.7	0.6	5.0	4.0	18	<0.1	0.3	0.1	64	0.22	0.031
1077370	Soil	0.7	26.1	7.3	76	0.1	30.3	8.1	393	2.29	4.5	0.6	5.3	4.1	16	0.1	0.3	0.1	59	0.31	0.051
1077363	Soil	0.7	25.4	8.9	67	<0.1	35.5	9.6	325	2.65	7.9	0.6	2.8	3.4	14	0.1	0.3	0.1	63	0.18	0.034
1077366	Soil	0.6	33.6	8.8	85	0.2	32.9	8.3	482	2.50	5.9	0.7	3.8	4.1	27	0.2	0.3	0.1	64	0.50	0.044
1077368	Soil	0.8	39.4	6.8	96	0.1	47.0	8.6	630	2.58	4.1	0.7	3.2	4.3	22	0.2	0.3	0.1	74	0.39	0.050
1077373	Soil	0.8	24.0	8.8	67	0.2	24.1	8.9	281	2.42	6.4	0.9	6.0	3.9	21	<0.1	0.4	0.1	57	0.35	0.046
1077372	Soil	0.9	26.7	10.3	80	0.2	28.3	9.7	395	2.70	6.5	0.7	8.1	3.7	17	0.1	0.3	0.1	68	0.31	0.050
1077371	Soil	0.8	30.3	9.5	83	0.2	31.0	10.1	368	2.55	6.1	0.7	2.6	4.0	19	0.2	0.3	0.1	72	0.37	0.054
1077369	Soil	1.0	30.8	9.1	77	0.2	40.3	10.4	421	2.66	7.2	0.9	3.1	4.0	22	<0.1	0.3	0.1	69	0.38	0.043



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 04, 2011

Page: 3 of 4 Part 2

CERTIFICATE OF ANALYSIS

DAW11000309.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1077376	Soil	17	29	0.50	382	0.080	1	1.29	0.024	0.07	0.3	0.04	3.7	<0.1	<0.05	4	1.5	<0.2
1077383	Soil	14	25	0.47	278	0.062	1	1.28	0.022	0.06	0.2	0.03	3.3	<0.1	<0.05	4	0.5	<0.2
1077382	Soil	14	26	0.73	369	0.081	3	1.25	0.031	0.09	0.2	0.04	3.6	<0.1	<0.05	4	0.9	<0.2
1077377	Soil	15	27	0.45	366	0.066	1	1.43	0.016	0.06	0.2	0.04	3.3	0.1	<0.05	4	0.8	<0.2
1077381	Soil	13	26	0.65	338	0.067	2	1.22	0.028	0.07	0.2	0.03	3.4	<0.1	<0.05	4	0.8	<0.2
1077378	Soil	14	25	0.46	321	0.064	1	1.22	0.022	0.06	0.2	0.03	3.1	<0.1	<0.05	4	0.9	<0.2
1077352	Soil	27	78	1.38	722	0.245	1	3.06	0.019	1.25	0.1	<0.01	5.7	0.6	<0.05	9	0.5	<0.2
1077351	Soil	12	80	1.21	414	0.193	1	2.76	0.010	0.73	0.2	0.02	5.6	0.4	<0.05	8	<0.5	<0.2
1077353	Soil	11	58	0.91	318	0.136	1	2.28	0.008	0.48	0.1	0.02	4.3	0.3	<0.05	7	0.7	<0.2
1077375	Soil	15	29	0.44	381	0.060	2	1.21	0.013	0.06	0.3	0.04	3.1	<0.1	<0.05	4	0.7	<0.2
1077358	Soil	15	47	0.79	347	0.111	1	1.96	0.008	0.25	0.1	0.02	3.7	0.1	<0.05	6	0.7	<0.2
1077354	Soil	16	43	0.75	374	0.122	<1	2.09	0.012	0.28	0.1	0.02	3.7	0.2	<0.05	7	0.6	<0.2
1077356	Soil	16	35	0.87	567	0.118	1	1.92	0.008	0.34	0.1	<0.01	4.3	0.2	<0.05	6	0.6	<0.2
1077355	Soil	14	28	1.05	916	0.105	<1	1.73	0.008	0.49	<0.1	<0.01	3.3	0.4	<0.05	5	<0.5	<0.2
1077359	Soil	19	66	1.11	587	0.151	<1	2.30	0.011	0.47	0.1	<0.01	5.4	0.2	<0.05	8	<0.5	<0.2
1077361	Soil	31	456	2.88	316	0.135	1	3.00	0.014	0.29	0.2	0.02	4.4	0.3	<0.05	9	<0.5	<0.2
1077357	Soil	23	51	0.96	391	0.117	<1	2.19	0.009	0.20	0.1	0.02	4.6	0.2	<0.05	7	0.6	<0.2
1077360	Soil	18	110	1.25	597	0.127	<1	2.22	0.009	0.40	<0.1	0.02	4.7	0.4	<0.05	7	0.6	<0.2
1077365	Soil	17	43	0.65	216	0.123	1	1.87	0.010	0.20	0.1	0.02	4.3	0.3	<0.05	6	<0.5	<0.2
1077367	Soil	17	44	0.64	348	0.117	1	1.98	0.014	0.17	0.2	0.03	4.6	0.2	<0.05	6	1.0	<0.2
1077364	Soil	18	48	0.68	242	0.122	<1	2.08	0.011	0.23	0.1	0.02	4.8	0.3	<0.05	6	0.6	<0.2
1077362	Soil	14	69	0.96	310	0.126	<1	1.99	0.010	0.24	0.2	0.01	4.2	0.2	<0.05	7	0.5	<0.2
1077370	Soil	15	43	0.60	320	0.111	<1	1.45	0.008	0.24	0.1	0.02	4.0	0.2	<0.05	5	<0.5	<0.2
1077363	Soil	12	46	0.65	196	0.092	<1	1.99	0.008	0.12	0.2	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1077366	Soil	15	38	0.66	312	0.120	<1	1.92	0.018	0.24	0.1	0.03	4.9	0.2	<0.05	6	0.7	<0.2
1077368	Soil	18	54	1.07	1060	0.131	<1	2.06	0.011	0.44	0.1	0.02	5.6	0.2	<0.05	7	0.8	<0.2
1077373	Soil	17	34	0.54	320	0.089	<1	1.60	0.011	0.09	0.2	0.02	3.7	0.1	<0.05	5	0.8	<0.2
1077372	Soil	15	42	0.62	309	0.113	<1	1.67	0.009	0.24	0.2	0.02	3.8	0.2	<0.05	5	<0.5	<0.2
1077371	Soil	17	48	0.64	333	0.103	<1	1.64	0.010	0.19	0.2	0.02	4.8	0.2	<0.05	5	0.6	<0.2
1077369	Soil	16	50	0.72	402	0.105	<1	2.06	0.010	0.12	0.2	0.02	4.6	0.2	<0.05	6	0.8	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 04, 2011

Page: 4 of 4 Part 1

CERTIFICATE OF ANALYSIS

DAW11000309.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1073415	Soil	0.8	34.1	7.5	63	0.1	50.6	10.4	335	2.56	6.8	0.6	3.3	3.8	28	0.1	0.3	0.1	60	0.99	0.039
1073408	Soil	1.3	46.8	7.9	83	0.1	73.2	13.4	382	2.97	11.1	1.2	3.4	4.3	25	0.2	0.2	0.1	77	0.44	0.036
1073411	Soil	1.2	33.4	7.0	66	0.2	32.2	10.2	337	2.36	5.9	0.8	5.1	3.6	21	0.2	0.4	0.1	52	0.37	0.051
1077374	Soil	0.8	25.5	10.1	77	0.2	25.0	8.9	329	2.51	6.6	0.7	2.9	4.0	18	0.2	0.4	0.2	57	0.31	0.049
1073414	Soil	0.9	34.6	7.8	63	0.1	51.6	10.8	334	2.59	7.0	0.7	4.4	4.0	28	0.2	0.3	0.1	61	0.97	0.039
1073418	Soil	2.2	24.0	6.8	58	0.1	27.5	6.9	159	1.94	4.9	5.6	3.9	2.9	36	0.2	0.4	0.1	50	0.62	0.045
1073402	Soil	1.3	34.9	9.1	75	<0.1	37.4	12.4	456	2.99	6.7	0.7	0.9	4.8	18	<0.1	0.2	0.2	70	0.24	0.032
1073406	Soil	2.6	41.4	6.3	63	0.3	43.0	10.9	318	2.31	3.2	1.4	2.3	2.2	32	0.6	0.4	0.1	61	0.60	0.058
1073404	Soil	1.6	57.5	3.1	63	<0.1	24.9	25.1	286	5.37	2.7	0.8	1.0	1.2	18	<0.1	0.2	<0.1	135	0.56	0.225
1073412	Soil	1.4	24.2	6.9	48	0.2	23.0	8.8	272	2.14	6.0	1.7	4.2	3.0	27	<0.1	0.4	0.1	53	0.42	0.058
1073407	Soil	1.2	36.6	8.6	116	0.1	46.2	12.6	478	3.06	4.3	1.0	1.5	4.8	21	0.3	0.2	0.2	70	0.51	0.057
1073416	Soil	1.1	38.8	7.8	75	0.2	64.0	13.5	503	2.74	5.1	1.2	2.4	3.9	27	0.2	0.3	0.1	65	0.79	0.039
1073410	Soil	1.1	36.9	8.4	69	0.1	45.4	11.1	354	2.72	5.6	0.9	3.3	4.8	20	0.2	0.3	0.2	61	0.30	0.032
1073405	Soil	1.7	70.9	7.5	167	0.1	124.2	31.0	586	3.01	4.0	1.2	6.3	3.4	22	0.4	0.3	0.1	66	0.28	0.077
1073409	Soil	1.1	34.8	6.6	62	<0.1	37.2	9.5	296	2.32	5.3	1.2	3.2	4.8	17	<0.1	0.3	0.1	53	0.34	0.032
1073403	Soil	2.4	30.5	8.1	63	0.3	26.5	9.2	256	2.68	6.2	1.1	2.6	3.4	23	0.3	0.3	0.2	64	0.26	0.054
1073401	Soil	1.0	39.4	8.7	65	0.1	47.6	11.7	389	3.11	9.1	0.8	1.2	4.7	13	0.1	0.3	0.2	76	0.16	0.037
1073417	Soil	2.3	38.5	8.4	110	0.3	48.4	10.9	335	2.74	6.0	1.5	2.8	4.5	35	0.5	0.4	0.2	67	0.64	0.056
1073413	Soil	1.2	38.6	8.3	91	0.2	42.2	11.1	273	2.71	6.5	1.4	2.7	4.3	27	0.2	0.4	0.2	64	0.48	0.064



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 04, 2011

Page: 4 of 4 **Part** 2

CERTIFICATE OF ANALYSIS

DAW11000309.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1073415	Soil	15	59	0.84	401	0.104	1	1.65	0.016	0.13	0.1	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1073408	Soil	15	85	1.14	516	0.144	<1	2.19	0.014	0.23	0.1	<0.01	4.9	0.2	<0.05	7	<0.5	<0.2
1073411	Soil	13	35	0.57	354	0.083	<1	1.29	0.012	0.16	0.2	0.02	2.9	0.1	<0.05	4	0.5	<0.2
1077374	Soil	16	34	0.56	321	0.102	<1	1.54	0.010	0.17	0.2	0.02	3.7	0.2	<0.05	5	0.6	<0.2
1073414	Soil	15	62	0.82	407	0.106	<1	1.62	0.016	0.14	0.1	0.04	4.5	0.2	<0.05	5	<0.5	<0.2
1073418	Soil	12	29	0.44	314	0.060	<1	1.10	0.011	0.06	0.2	0.03	2.6	<0.1	0.06	4	2.8	<0.2
1073402	Soil	14	46	0.86	281	0.154	2	2.09	0.009	0.32	0.2	0.01	3.5	0.2	<0.05	7	0.6	<0.2
1073406	Soil	11	40	0.70	1064	0.091	1	1.50	0.010	0.23	0.2	0.03	3.5	0.1	0.06	5	3.0	<0.2
1073404	Soil	8	19	1.59	648	0.154	<1	3.20	0.018	1.02	0.1	0.01	6.4	<0.1	<0.05	13	0.6	<0.2
1073412	Soil	14	29	0.44	415	0.063	<1	1.24	0.013	0.04	0.3	0.03	2.9	<0.1	<0.05	4	1.1	<0.2
1073407	Soil	19	53	0.99	585	0.157	<1	1.96	0.012	0.42	0.1	0.02	4.6	0.3	<0.05	7	1.1	<0.2
1073416	Soil	17	72	0.89	464	0.117	<1	1.79	0.013	0.14	<0.1	0.03	4.4	0.2	<0.05	6	0.7	<0.2
1073410	Soil	15	61	0.83	436	0.126	<1	1.86	0.011	0.18	<0.1	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1073405	Soil	13	56	1.01	581	0.112	<1	2.12	0.009	0.34	0.3	0.01	5.1	0.2	<0.05	6	<0.5	<0.2
1073409	Soil	15	45	0.67	369	0.110	<1	1.47	0.013	0.11	0.1	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1073403	Soil	11	35	0.61	510	0.081	1	1.73	0.009	0.09	0.2	0.03	2.9	0.1	<0.05	6	0.5	<0.2
1073401	Soil	13	60	1.00	274	0.155	<1	2.39	0.009	0.22	0.2	0.02	4.7	0.2	<0.05	8	<0.5	<0.2
1073417	Soil	16	48	0.68	484	0.099	<1	1.47	0.013	0.17	0.2	0.03	4.0	0.2	<0.05	5	1.2	<0.2
1073413	Soil	15	44	0.62	444	0.090	<1	1.62	0.015	0.08	0.2	0.04	4.3	0.1	<0.05	5	0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 04, 2011

Page:

1 of 1

Part 1

QUALITY CONTROL REPORT

DAW11000309.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1077316	Soil	1.7	35.4	9.0	65	0.3	29.7	10.2	327	2.55	7.0	1.4	2.9	4.1	32	0.3	0.5	0.2	59	0.44	0.063
REP 1077316	QC	1.4	33.1	8.6	64	0.3	28.7	9.5	321	2.50	6.4	1.4	3.3	4.0	31	0.2	0.6	0.2	58	0.43	0.062
1077317	Soil	1.4	47.8	8.7	103	0.2	57.4	8.1	591	2.75	5.8	1.1	3.9	4.7	23	0.3	0.4	0.2	80	0.43	0.067
REP 1077317	QC	1.4	48.5	8.8	105	0.2	56.9	8.0	588	2.72	5.6	1.1	4.4	4.8	24	0.3	0.3	0.2	81	0.44	0.065
1077356	Soil	0.8	40.7	8.0	74	<0.1	32.1	11.3	433	2.57	5.4	0.8	3.8	3.7	14	<0.1	0.2	0.2	62	0.17	0.040
REP 1077356	QC	0.7	39.5	7.8	71	<0.1	31.0	11.2	438	2.50	4.9	0.8	2.6	3.6	14	<0.1	0.2	0.1	60	0.16	0.039
1073414	Soil	0.9	34.6	7.8	63	0.1	51.6	10.8	334	2.59	7.0	0.7	4.4	4.0	28	0.2	0.3	0.1	61	0.97	0.039
REP 1073414	QC	0.8	34.1	7.8	63	0.1	51.6	10.4	330	2.54	6.3	0.7	3.3	3.9	27	0.2	0.3	0.1	60	0.97	0.038
Reference Materials																					
STD DS8	Standard	14.1	113.6	120.0	302	1.8	39.6	8.0	616	2.56	25.5	2.5	119.1	6.2	62	2.3	5.0	6.3	46	0.69	0.080
STD DS8	Standard	13.9	113.6	127.6	308	1.8	37.7	7.3	608	2.45	24.3	2.9	108.8	7.0	64	2.3	5.3	7.0	43	0.69	0.074
STD DS8	Standard	13.1	104.8	119.9	306	1.7	36.4	7.3	614	2.44	24.0	2.9	110.9	7.3	68	2.1	5.3	6.6	43	0.71	0.080
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 04, 2011

Page:

1 of 1

Part 2

QUALITY CONTROL REPORT

DAW11000309.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1077316	Soil	16	36	0.59	598	0.080	1	1.57	0.019	0.06	0.2	0.03	3.8	<0.1	<0.05	4	0.8	<0.2
REP 1077316	QC	15	35	0.57	562	0.082	<1	1.52	0.017	0.06	0.1	0.03	3.8	<0.1	<0.05	4	0.6	<0.2
1077317	Soil	20	53	1.13	670	0.134	<1	2.22	0.022	0.48	0.1	0.02	8.4	0.3	<0.05	7	0.8	<0.2
REP 1077317	QC	21	53	1.16	672	0.137	<1	2.28	0.022	0.48	0.1	0.02	8.6	0.3	<0.05	7	1.3	<0.2
1077356	Soil	16	35	0.87	567	0.118	1	1.92	0.008	0.34	0.1	<0.01	4.3	0.2	<0.05	6	0.6	<0.2
REP 1077356	QC	15	35	0.90	549	0.115	<1	1.93	0.008	0.33	0.1	<0.01	4.1	0.2	<0.05	6	<0.5	<0.2
1073414	Soil	15	62	0.82	407	0.106	<1	1.62	0.016	0.14	0.1	0.04	4.5	0.2	<0.05	5	<0.5	<0.2
REP 1073414	QC	15	60	0.80	402	0.103	<1	1.59	0.016	0.13	0.1	0.03	4.3	0.2	<0.05	5	0.7	<0.2
Reference Materials																		
STD DS8	Standard	16	122	0.64	277	0.111	3	0.95	0.096	0.41	3.0	0.20	2.3	5.6	0.15	5	5.0	5.0
STD DS8	Standard	16	119	0.63	260	0.112	2	0.92	0.088	0.40	3.0	0.21	2.4	5.4	0.15	5	5.0	5.0
STD DS8	Standard	17	117	0.59	283	0.120	2	0.93	0.096	0.43	2.8	0.20	2.7	5.2	0.17	5	6.2	4.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead

Receiving Lab: Canada-Dawson City

Received: September 06, 2011

Report Date: October 04, 2011

Page: 1 of 4

CERTIFICATE OF ANALYSIS

DAW11000312.1

CLIENT JOB INFORMATION

Project: GEM
Shipment ID: GEM2011-06
P.O. Number
Number of Samples: 90

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	90	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	90	Dry at 60C			WHI
1DX2	90	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 04, 2011

Page:

2 of 4

Part 1

CERTIFICATE OF ANALYSIS

DAW11000312.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1077206	Soil	2.0	88.2	10.3	72	0.6	50.8	13.0	185	3.45	7.6	1.4	6.9	1.7	17	0.1	0.3	0.3	69	0.18
1077212	Soil	1.8	61.3	9.0	58	<0.1	35.6	10.1	189	3.14	7.8	0.6	3.1	1.7	14	0.3	0.4	0.3	80	0.13
1077204	Soil	1.9	41.7	10.4	75	0.1	33.8	10.0	228	3.52	4.9	0.8	2.2	1.7	11	0.2	0.3	0.4	80	0.17
1077210	Soil	2.2	63.4	9.4	84	0.7	39.2	12.4	240	3.09	4.2	1.6	4.6	1.1	18	0.4	0.3	0.3	66	0.19
1077201	Soil	1.2	29.4	9.7	67	<0.1	34.6	9.6	263	3.00	7.2	0.7	3.4	2.3	15	0.4	0.5	0.2	63	0.24
1077211	Soil	1.4	30.6	11.3	61	<0.1	26.1	7.6	226	3.49	9.2	0.6	1.6	1.7	11	0.2	0.5	0.3	89	0.10
1077205	Soil	1.7	56.9	11.5	81	0.4	43.5	11.2	280	3.26	6.0	1.0	2.7	1.0	18	0.3	0.3	0.3	71	0.21
1077202	Soil	1.9	44.0	11.0	64	0.2	86.1	13.0	359	2.98	24.2	0.8	2.6	1.0	14	0.3	0.5	0.4	72	0.19
1077208	Soil	3.0	72.3	12.5	177	1.0	52.9	16.4	592	3.84	5.4	2.6	2.4	3.5	17	0.7	0.4	0.3	94	0.11
1077209	Soil	2.2	75.4	11.1	107	0.8	56.7	12.1	211	3.39	5.7	1.8	4.5	3.5	22	0.5	0.3	0.3	79	0.23
1077207	Soil	1.6	38.3	8.3	100	0.3	37.9	12.0	234	3.10	3.8	1.0	17.0	3.8	20	0.5	0.2	0.2	70	0.27
1077226	Soil	1.6	52.9	8.7	60	0.1	34.4	11.7	207	3.45	5.5	0.9	1.7	2.7	9	<0.1	0.3	0.3	74	0.12
1077232	Soil	1.2	44.9	9.1	60	0.1	37.1	11.5	162	3.52	12.4	0.8	4.8	3.3	12	0.1	0.4	0.3	75	0.16
1077229	Soil	1.1	30.7	6.6	29	<0.1	20.7	5.9	67	2.22	2.7	0.7	0.6	1.6	8	<0.1	0.2	0.2	62	0.09
1077228	Soil	1.2	52.2	8.0	55	0.1	43.2	12.5	139	3.42	4.2	0.9	4.3	3.1	10	<0.1	0.3	0.3	76	0.13
1077231	Soil	1.3	43.3	7.9	48	0.2	33.3	12.9	273	3.35	8.3	0.8	5.8	2.7	9	<0.1	0.3	0.3	74	0.12
1077233	Soil	1.8	55.8	8.7	72	<0.1	51.1	12.6	202	3.79	5.4	0.7	2.0	2.2	15	0.1	0.3	0.3	103	0.14
1077230	Soil	1.0	55.1	7.9	54	0.1	40.1	11.0	100	3.03	5.9	1.0	4.6	2.8	9	<0.1	0.3	0.2	66	0.10
1077333	Soil	0.5	16.8	7.0	49	0.4	17.8	8.2	1054	2.24	5.0	0.6	2.5	3.9	24	0.1	0.3	0.1	48	0.54
1077203	Soil	1.6	47.2	11.3	66	0.3	42.3	11.0	137	3.23	10.1	1.1	3.9	2.2	17	0.4	0.4	0.3	68	0.24
1077329	Soil	0.8	28.9	17.2	111	0.2	25.1	8.2	476	2.45	4.7	0.9	3.1	5.6	16	0.1	0.3	0.2	50	0.17
1077330	Soil	1.1	27.5	11.4	69	0.2	25.6	9.7	341	2.88	9.5	1.1	5.7	5.3	14	0.2	0.4	0.2	59	0.16
1077213	Soil	1.3	63.3	8.9	63	0.3	44.4	10.4	185	2.92	6.3	1.2	3.1	1.1	17	0.2	0.2	0.3	66	0.16
1077227	Soil	1.1	43.8	8.4	60	0.1	35.4	11.1	142	3.41	4.6	0.9	3.4	2.8	10	<0.1	0.2	0.3	75	0.14
1077218	Soil	1.4	46.0	9.3	51	<0.1	34.1	8.9	132	2.86	5.7	0.8	0.6	0.8	13	0.2	0.5	0.3	81	0.14
1077331	Soil	1.2	32.2	9.1	76	0.3	29.2	9.5	386	2.93	7.0	0.9	10.1	4.2	16	0.1	0.3	0.2	70	0.19
1077214	Soil	1.5	43.4	8.5	57	0.1	31.9	9.5	168	3.16	5.6	1.0	2.4	2.0	14	0.1	0.3	0.3	73	0.14
1077225	Soil	1.2	49.1	9.5	64	0.2	31.9	9.5	118	2.69	6.1	0.9	2.8	2.3	16	0.2	0.4	0.3	60	0.20
1077219	Soil	1.6	70.4	9.3	83	<0.1	49.5	15.1	252	3.67	8.4	0.8	2.1	3.1	16	<0.1	0.5	0.3	72	0.16
1077224	Soil	1.5	49.4	9.4	58	0.1	42.9	11.2	183	3.55	5.3	0.9	1.5	2.3	11	0.1	0.3	0.3	78	0.12



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 04, 2011

Page:

2 of 4

Part 2

CERTIFICATE OF ANALYSIS

DAW11000312.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1077206	Soil	17	58	0.67	315	0.081	5	2.19	0.009	0.21	0.2	0.08	3.9	0.3	0.07	6	1.5	<0.2
1077212	Soil	12	39	0.57	151	0.105	3	1.51	0.009	0.18	0.2	0.03	2.2	0.2	0.06	7	1.0	<0.2
1077204	Soil	13	40	0.65	192	0.116	3	1.50	0.013	0.47	<0.1	0.05	2.3	0.3	0.06	6	0.7	<0.2
1077210	Soil	14	39	0.60	667	0.075	3	1.66	0.009	0.33	0.1	0.07	2.9	0.3	0.13	5	1.4	<0.2
1077201	Soil	11	38	0.56	130	0.085	2	1.43	0.008	0.17	0.2	0.04	2.4	0.2	0.07	5	<0.5	<0.2
1077211	Soil	12	36	0.47	133	0.097	2	1.46	0.006	0.17	0.1	0.03	2.0	0.1	<0.05	8	0.8	<0.2
1077205	Soil	15	44	0.59	263	0.082	3	1.83	0.013	0.26	0.1	0.06	2.6	0.2	0.10	6	1.0	<0.2
1077202	Soil	11	79	0.71	188	0.076	2	1.73	0.009	0.20	0.1	0.06	2.5	0.2	0.10	7	1.0	<0.2
1077208	Soil	15	60	0.58	468	0.087	2	1.76	0.007	0.18	0.1	0.07	4.1	0.3	0.11	6	2.7	<0.2
1077209	Soil	18	62	0.82	908	0.105	2	2.12	0.009	0.28	0.1	0.06	4.3	0.3	0.09	7	1.6	<0.2
1077207	Soil	14	43	0.69	387	0.123	3	1.56	0.014	0.34	0.3	0.03	3.3	0.3	0.06	5	1.0	<0.2
1077226	Soil	12	46	0.79	175	0.132	3	2.11	0.010	0.47	0.1	0.02	3.0	0.4	0.11	6	0.8	<0.2
1077232	Soil	11	44	0.83	186	0.129	1	2.20	0.009	0.46	0.2	0.04	3.3	0.3	0.08	7	0.8	<0.2
1077229	Soil	10	29	0.46	151	0.101	2	1.23	0.008	0.33	0.1	0.04	1.7	0.2	0.11	6	<0.5	<0.2
1077228	Soil	11	46	0.89	193	0.150	2	2.16	0.009	0.57	0.1	0.02	3.3	0.4	0.06	6	0.7	<0.2
1077231	Soil	11	42	0.73	176	0.126	2	2.02	0.008	0.43	0.1	0.04	2.9	0.3	<0.05	6	<0.5	<0.2
1077233	Soil	9	65	1.05	291	0.151	2	2.47	0.013	0.57	0.1	0.03	3.8	0.4	0.16	8	0.8	<0.2
1077230	Soil	13	41	0.73	157	0.117	1	2.03	0.008	0.46	0.1	0.03	2.8	0.3	<0.05	6	1.2	<0.2
1077333	Soil	20	24	0.47	212	0.075	1	1.83	0.045	0.06	<0.1	0.05	4.8	0.1	<0.05	5	0.6	<0.2
1077203	Soil	14	52	0.70	269	0.088	1	1.80	0.009	0.16	0.1	0.06	3.7	0.3	0.07	6	1.0	<0.2
1077329	Soil	25	28	0.62	297	0.084	1	1.85	0.008	0.23	<0.1	0.03	5.0	0.2	<0.05	5	1.3	<0.2
1077330	Soil	16	37	0.57	249	0.106	1	2.18	0.009	0.19	0.1	0.04	3.8	0.2	<0.05	5	0.7	<0.2
1077213	Soil	15	59	0.68	383	0.076	2	1.88	0.009	0.26	0.1	0.07	3.1	0.2	0.07	6	1.4	<0.2
1077227	Soil	12	45	0.80	189	0.142	1	2.01	0.009	0.53	0.1	0.03	3.0	0.4	0.08	7	0.7	<0.2
1077218	Soil	11	37	0.45	192	0.090	1	1.50	0.009	0.21	<0.1	0.03	2.1	0.2	0.08	7	1.0	<0.2
1077331	Soil	17	38	0.62	269	0.126	2	2.22	0.014	0.27	0.1	0.02	4.2	0.2	<0.05	6	1.0	<0.2
1077214	Soil	13	45	0.72	222	0.104	<1	1.77	0.009	0.39	<0.1	0.03	2.8	0.3	0.06	6	0.7	<0.2
1077225	Soil	12	39	0.65	212	0.092	2	1.72	0.010	0.24	0.1	0.06	3.0	0.2	0.05	5	0.9	<0.2
1077219	Soil	11	40	0.73	186	0.133	2	1.89	0.010	0.33	0.1	0.02	2.9	0.3	0.07	6	0.6	<0.2
1077224	Soil	12	50	0.76	201	0.135	2	1.98	0.013	0.52	0.1	0.04	2.9	0.4	0.08	6	0.9	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 04, 2011

Page:

3 of 4

Part 1

CERTIFICATE OF ANALYSIS

DAW11000312.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1077217	Soil	1.0	45.5	10.4	90	<0.1	46.4	16.1	281	3.92	4.6	0.9	2.5	4.3	11	<0.1	0.3	0.3	97	0.16
1077328	Soil	1.2	23.0	11.4	59	0.1	30.4	12.2	607	3.08	9.5	0.6	5.2	3.3	15	0.1	0.5	0.2	62	0.23
1077221	Soil	2.4	34.8	8.3	67	0.3	19.3	7.9	314	3.23	6.9	0.9	4.1	2.5	29	0.2	0.5	0.3	72	0.12
1077220	Soil	1.7	63.8	9.4	134	<0.1	78.5	24.0	427	4.16	4.3	1.1	2.4	4.6	10	0.3	0.3	0.3	82	0.13
1077223	Soil	1.3	40.6	8.9	61	<0.1	34.9	10.8	203	3.41	6.8	0.6	0.8	2.0	11	0.1	0.4	0.2	75	0.10
1077215	Soil	1.1	43.4	7.9	104	<0.1	163.2	24.1	449	4.87	3.8	0.9	1.3	4.0	11	<0.1	0.1	0.3	129	0.15
1077216	Soil	1.1	39.7	7.3	98	<0.1	135.2	21.0	376	4.38	3.2	0.7	1.0	2.8	8	<0.1	0.1	0.4	116	0.13
1077334	Soil	0.7	39.1	7.1	70	0.1	26.4	9.9	274	2.76	2.4	0.8	5.0	4.8	19	<0.1	0.2	0.2	67	0.18
1077332	Soil	1.1	29.6	8.2	67	0.2	26.5	8.6	321	2.62	6.3	0.9	50.0	3.8	14	0.2	0.3	0.2	59	0.15
1077222	Soil	1.3	41.4	8.7	73	<0.1	32.9	11.9	178	3.64	7.2	0.5	3.8	1.7	10	0.1	0.4	0.3	76	0.07
1077133	Soil	0.8	54.5	5.7	77	0.2	71.1	22.6	661	4.53	3.3	0.8	<0.5	3.2	52	0.1	0.2	0.1	138	0.84
1077132	Soil	3.7	56.7	4.4	85	0.7	46.4	7.1	623	2.15	1.5	0.4	1.8	2.0	18	0.3	0.1	0.2	82	0.84
1077335	Soil	0.9	43.6	5.6	71	<0.1	35.9	11.5	456	3.01	3.2	0.8	2.3	3.1	18	<0.1	0.2	0.1	92	0.22
1077135	Soil	0.5	22.4	8.2	58	0.2	22.5	8.6	512	2.17	7.4	0.4	2.4	2.0	41	0.4	0.4	0.1	40	2.80
1077111	Soil	0.5	15.9	6.3	66	0.2	18.1	5.9	975	1.55	2.7	0.5	0.9	2.3	251	0.4	<0.1	<0.1	39	7.67
1077136	Soil	0.5	39.1	3.5	81	<0.1	48.6	13.3	740	3.89	2.9	0.6	1.5	2.6	14	<0.1	0.1	0.1	127	0.84
1077137	Soil	0.5	44.5	6.0	78	0.2	48.8	13.1	672	3.36	2.0	0.7	2.4	3.3	20	0.2	0.1	0.1	104	0.59
1077134	Soil	0.8	32.2	5.6	66	0.1	28.6	7.0	381	2.48	3.4	0.8	1.4	3.3	29	<0.1	0.3	0.1	83	0.35
1077113	Soil	0.4	37.8	4.4	94	0.5	47.9	12.7	502	2.63	1.2	0.6	2.4	2.8	99	0.3	<0.1	<0.1	93	5.29
1077107	Soil	0.5	41.5	3.9	105	<0.1	61.5	16.2	740	4.12	0.7	0.7	0.8	3.7	19	0.1	<0.1	<0.1	126	0.50
1077119	Soil	0.6	16.3	4.3	93	0.2	14.6	4.1	520	1.83	1.4	0.4	1.0	4.3	74	0.3	0.1	<0.1	30	5.66
1077108	Soil	0.8	34.6	6.5	84	0.7	42.3	6.2	660	1.90	<0.5	0.5	0.7	4.2	40	0.6	<0.1	0.1	79	0.67
1077105	Soil	0.8	25.3	8.3	52	0.2	21.5	7.1	307	2.41	4.4	0.7	7.4	4.5	21	<0.1	0.2	0.1	53	0.25
1077121	Soil	0.5	44.6	3.1	78	0.3	44.6	14.7	935	2.96	0.9	0.4	1.1	2.0	13	0.2	<0.1	<0.1	131	0.50
1077120	Soil	0.7	28.6	9.1	60	0.1	26.8	9.0	512	2.30	7.6	0.4	2.2	2.7	44	0.2	0.3	0.1	50	3.14
1077110	Soil	0.6	23.9	5.3	67	0.5	24.2	3.4	529	1.26	0.8	0.4	<0.5	2.2	81	0.3	<0.1	<0.1	53	3.80
1077109	Soil	0.7	42.0	4.3	100	0.5	33.9	6.6	392	2.42	1.2	0.5	1.8	3.3	15	0.2	0.1	0.1	110	0.42
1077112	Soil	0.4	39.4	5.1	138	0.3	95.8	12.3	296	2.04	1.7	0.7	<0.5	3.2	51	0.4	0.2	0.1	80	7.07
1077104	Soil	0.7	31.8	8.2	64	0.2	17.6	6.6	172	2.24	4.9	0.5	2.5	2.6	15	<0.1	0.2	0.2	44	0.14
1077114	Soil	0.5	18.4	6.9	65	0.3	29.1	7.7	629	1.57	<0.5	0.5	<0.5	2.4	211	0.4	<0.1	<0.1	43	8.62



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: October 04, 2011

Page: 3 of 4 Part 2

CERTIFICATE OF ANALYSIS

DAW11000312.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1077217	Soil	13	62	1.04	287	0.146	3	2.53	0.008	0.40	0.1	0.02	6.0	0.3	0.05	8	<0.5	<0.2
1077328	Soil	13	40	0.54	259	0.062	2	2.27	0.009	0.06	0.1	0.01	3.9	0.1	<0.05	5	0.7	<0.2
1077221	Soil	15	36	0.62	728	0.086	2	1.60	0.027	0.23	0.1	0.03	2.6	0.1	0.26	6	2.2	<0.2
1077220	Soil	17	74	0.99	317	0.142	3	2.34	0.012	0.61	<0.1	0.02	4.9	0.4	<0.05	7	0.9	<0.2
1077223	Soil	10	45	0.71	168	0.125	2	1.88	0.010	0.39	<0.1	0.04	2.8	0.3	0.08	6	0.7	<0.2
1077215	Soil	15	210	1.97	483	0.230	1	3.37	0.023	1.08	<0.1	0.01	7.6	0.5	<0.05	11	0.8	<0.2
1077216	Soil	10	162	1.63	456	0.206	1	2.73	0.028	1.09	<0.1	<0.01	6.5	0.4	<0.05	9	<0.5	<0.2
1077334	Soil	18	37	0.69	287	0.167	1	2.04	0.011	0.46	<0.1	<0.01	4.3	0.3	<0.05	6	<0.5	<0.2
1077332	Soil	14	33	0.55	225	0.108	1	1.90	0.011	0.22	0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1077222	Soil	7	40	0.73	203	0.140	1	1.87	0.010	0.44	0.1	0.03	2.8	0.4	<0.05	7	<0.5	<0.2
1077133	Soil	10	145	1.93	806	0.273	2	3.04	0.026	0.26	<0.1	0.01	10.6	0.1	<0.05	10	<0.5	<0.2
1077132	Soil	10	48	0.54	183	0.066	1	0.93	0.006	0.26	<0.1	0.01	5.8	0.2	<0.05	4	1.2	<0.2
1077335	Soil	11	75	1.14	396	0.199	1	2.19	0.011	0.52	0.2	<0.01	7.4	0.2	<0.05	7	<0.5	<0.2
1077135	Soil	14	22	0.41	279	0.034	2	1.15	0.014	0.03	0.1	0.05	3.3	<0.1	<0.05	3	0.6	<0.2
1077111	Soil	9	22	0.79	252	0.048	2	2.06	0.139	0.03	<0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1077136	Soil	10	102	1.82	310	0.356	1	2.93	0.010	0.72	0.5	<0.01	9.6	0.4	<0.05	11	<0.5	<0.2
1077137	Soil	10	91	2.09	617	0.256	1	2.88	0.014	0.53	0.1	0.01	8.6	0.3	<0.05	10	<0.5	<0.2
1077134	Soil	15	44	1.13	291	0.164	<1	2.20	0.009	0.43	0.1	0.02	9.0	0.1	<0.05	8	<0.5	<0.2
1077113	Soil	9	88	1.71	332	0.088	2	2.20	0.010	0.29	<0.1	0.01	7.3	0.2	<0.05	9	0.6	<0.2
1077107	Soil	15	114	1.81	627	0.347	<1	2.87	0.012	1.27	0.1	<0.01	10.5	0.3	<0.05	11	0.5	<0.2
1077119	Soil	13	14	1.64	316	0.086	3	1.80	0.033	0.16	0.2	0.02	7.7	0.3	<0.05	7	<0.5	<0.2
1077108	Soil	22	59	0.72	174	0.057	<1	1.58	0.053	0.27	<0.1	0.03	7.2	0.2	<0.05	5	0.6	<0.2
1077105	Soil	15	28	0.58	255	0.117	<1	1.96	0.014	0.19	0.1	<0.01	4.1	0.2	<0.05	6	<0.5	<0.2
1077121	Soil	7	111	1.75	704	0.257	2	2.23	0.011	0.84	<0.1	<0.01	10.4	0.3	<0.05	9	<0.5	<0.2
1077120	Soil	15	32	0.56	313	0.044	2	1.17	0.014	0.04	0.2	0.05	4.4	<0.1	<0.05	4	<0.5	<0.2
1077110	Soil	9	31	0.41	131	0.034	<1	1.01	0.010	0.16	<0.1	<0.01	3.8	0.1	<0.05	3	0.5	<0.2
1077109	Soil	13	54	0.94	235	0.121	<1	1.84	0.030	0.49	<0.1	0.01	8.2	0.3	<0.05	7	0.7	<0.2
1077112	Soil	9	112	1.21	311	0.024	2	1.86	0.008	0.48	<0.1	0.04	5.3	0.2	<0.05	6	0.7	<0.2
1077104	Soil	8	21	0.54	283	0.101	<1	1.67	0.012	0.30	<0.1	0.01	2.4	0.2	<0.05	5	<0.5	<0.2
1077114	Soil	11	32	1.02	444	0.024	<1	1.61	0.046	0.15	<0.1	<0.01	4.8	0.2	<0.05	4	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 04, 2011

Page:

4 of 4

Part 1

CERTIFICATE OF ANALYSIS

DAW11000312.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
1077116	Soil	1.0	30.4	5.9	85	0.4	41.6	8.0	1249	2.01	0.7	0.7	1.1	3.3	90	0.5	<0.1	<0.1	66	5.84	0.039
1077106	Soil	0.7	30.2	6.0	78	0.6	33.6	4.9	551	1.49	1.1	0.7	1.4	3.1	99	0.7	<0.1	<0.1	55	0.74	0.044
1077122	Soil	0.9	64.4	3.2	96	0.3	62.3	26.5	1302	5.13	0.8	0.6	0.7	2.3	19	0.2	<0.1	<0.1	172	0.79	0.056
1077327	Soil	1.2	51.6	8.1	118	0.4	53.6	12.0	1817	2.76	1.6	0.8	2.2	3.7	60	0.4	0.1	0.1	103	0.93	0.053
1077115	Soil	0.9	38.1	5.8	105	0.2	49.4	7.8	944	2.20	0.8	0.9	<0.5	4.8	34	0.4	0.1	0.1	95	0.67	0.033
1077118	Soil	0.7	31.1	6.0	60	0.2	30.5	10.3	484	1.99	3.5	0.7	1.2	1.6	35	0.4	0.2	<0.1	49	2.63	0.062
1077117	Soil	1.5	40.3	6.2	105	0.4	45.9	6.7	421	1.83	0.8	0.6	<0.5	2.9	23	0.3	0.2	<0.1	82	2.63	0.035
1073430	Soil	0.9	28.8	7.7	61	0.1	24.8	9.4	422	2.28	9.1	0.6	2.0	3.6	51	0.3	0.7	0.1	48	1.18	0.072
1073432	Soil	0.7	24.6	7.6	62	0.1	23.5	9.1	280	2.19	7.5	0.7	1.7	3.4	33	0.3	0.6	0.1	50	0.68	0.068
1073436	Soil	0.9	25.3	8.3	66	0.1	25.1	8.7	281	2.28	7.8	0.8	3.7	3.9	36	0.4	0.6	0.1	49	0.59	0.065
1073439	Soil	1.2	25.2	7.5	79	0.2	30.7	9.0	225	2.23	6.8	1.1	2.9	3.1	31	0.4	0.5	0.1	54	0.48	0.065
1073441	Soil	1.0	28.3	8.1	86	0.1	31.8	11.1	279	2.57	8.9	1.0	3.3	4.1	32	0.4	0.7	0.1	54	0.55	0.080
1073431	Soil	0.8	27.2	8.3	65	0.1	26.1	10.5	449	2.40	10.4	0.7	1.7	3.7	72	0.3	0.8	0.1	51	2.12	0.074
1073435	Soil	1.0	30.6	8.7	74	0.1	28.6	9.6	274	2.55	8.0	0.9	2.3	3.8	43	0.3	0.6	0.2	54	0.66	0.062
1073433	Soil	0.9	22.5	7.5	57	0.1	23.2	9.5	410	2.18	7.6	0.8	5.6	3.5	34	0.2	0.5	0.1	51	0.62	0.064
1073438	Soil	1.3	23.4	8.0	74	0.2	28.1	10.6	281	2.47	7.6	0.9	9.7	3.7	34	0.2	0.6	0.1	52	0.55	0.066
1073434	Soil	1.0	32.2	9.5	70	0.2	27.9	10.3	446	2.55	11.0	1.4	3.6	3.8	54	0.4	0.8	0.2	52	1.00	0.073
1073440	Soil	1.6	27.6	7.3	84	0.2	39.5	10.4	359	2.74	9.1	1.3	2.3	3.3	29	0.2	0.4	0.2	58	0.46	0.071
1073437	Soil	1.0	27.0	8.1	71	0.1	27.5	10.3	373	2.47	8.8	0.7	3.3	3.8	40	0.3	0.7	0.2	53	0.69	0.071
1073423	Soil	1.0	21.1	8.4	56	0.1	21.6	9.0	276	2.17	7.6	1.4	1.0	2.8	41	0.2	0.5	0.1	53	0.88	0.047
1073427	Soil	0.9	32.0	8.6	73	0.2	26.5	10.0	465	2.41	8.3	0.9	1.9	3.3	44	0.4	0.7	0.2	52	0.80	0.064
1073428	Soil	0.6	27.7	7.6	60	0.1	24.2	9.5	399	2.24	8.8	0.6	2.1	3.4	52	0.4	0.5	0.1	52	1.53	0.076
1073429	Soil	0.9	25.4	9.1	70	0.1	25.9	9.6	400	2.40	10.2	0.7	<0.5	4.1	65	0.3	0.7	0.2	47	1.75	0.074
1073424	Soil	1.1	35.2	8.6	66	0.2	32.1	10.4	426	2.45	7.6	1.2	2.7	3.6	44	0.3	0.6	0.2	57	0.86	0.052
1073426	Soil	1.0	32.5	8.3	73	0.2	28.7	10.3	557	2.34	7.9	0.9	2.0	3.0	47	0.5	0.6	0.1	52	0.80	0.061
1073420	Soil	0.8	33.6	9.6	75	0.2	32.2	10.9	319	2.64	9.6	0.7	7.2	4.5	47	0.3	0.6	0.2	56	0.99	0.062
1073425	Soil	1.4	30.6	9.1	73	0.2	28.3	10.5	476	2.53	9.9	0.8	6.4	3.7	42	0.5	0.8	0.2	51	0.83	0.068
1073422	Soil	0.8	34.0	9.0	59	0.2	30.6	10.6	419	2.08	8.1	1.5	3.7	3.6	44	0.4	0.6	0.2	48	1.06	0.060
1073421	Soil	0.7	24.6	6.5	55	0.1	28.4	9.1	374	1.99	6.3	1.2	1.6	3.2	44	0.2	0.4	0.1	45	1.06	0.045
1073419	Soil	1.1	30.3	8.8	94	0.2	51.9	14.3	593	2.29	6.5	1.0	2.0	4.4	32	0.4	0.4	0.1	53	0.57	0.041



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 04, 2011

Page:

4 of 4

Part 2

CERTIFICATE OF ANALYSIS

DAW11000312.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1077116	Soil	17	39	1.05	203	0.050	1	1.69	0.112	0.17	0.1	0.02	6.5	0.4	<0.05	5	0.8	<0.2
1077106	Soil	19	39	0.45	136	0.049	<1	1.70	0.050	0.14	<0.1	0.02	5.8	0.2	<0.05	5	0.6	<0.2
1077122	Soil	12	158	2.87	823	0.353	<1	3.45	0.028	1.05	<0.1	0.01	14.6	0.5	<0.05	12	<0.5	<0.2
1077327	Soil	19	77	1.13	179	0.090	<1	2.56	0.033	0.22	0.1	0.01	9.0	0.6	<0.05	9	1.0	<0.2
1077115	Soil	17	64	1.26	340	0.118	<1	2.19	0.038	0.39	<0.1	0.01	9.2	0.5	0.06	7	0.6	<0.2
1077118	Soil	10	34	0.33	216	0.041	2	0.76	0.008	0.08	0.1	0.03	4.2	0.2	<0.05	3	1.0	<0.2
1077117	Soil	13	45	0.96	102	0.044	1	1.09	0.007	0.24	0.1	0.02	6.4	0.3	<0.05	4	1.1	<0.2
1073430	Soil	13	24	0.61	300	0.061	2	1.13	0.025	0.07	0.2	0.02	3.0	<0.1	<0.05	3	<0.5	<0.2
1073432	Soil	13	27	0.51	277	0.066	2	1.16	0.020	0.06	0.3	0.04	3.1	<0.1	<0.05	3	<0.5	<0.2
1073436	Soil	13	27	0.50	348	0.067	1	1.32	0.018	0.05	0.3	0.02	3.2	<0.1	<0.05	4	0.5	<0.2
1073439	Soil	13	33	0.53	488	0.070	<1	1.31	0.013	0.07	0.2	0.03	3.1	<0.1	<0.05	4	1.0	<0.2
1073441	Soil	14	31	0.56	368	0.069	1	1.26	0.017	0.06	0.3	0.02	3.5	<0.1	<0.05	4	0.8	<0.2
1073431	Soil	14	26	0.74	323	0.067	3	1.20	0.028	0.07	0.2	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
1073435	Soil	14	30	0.58	390	0.075	2	1.51	0.025	0.06	0.2	0.04	4.2	<0.1	<0.05	4	0.6	<0.2
1073433	Soil	13	27	0.47	327	0.067	1	1.23	0.021	0.05	0.3	0.03	3.4	<0.1	<0.05	4	0.6	<0.2
1073438	Soil	13	29	0.50	363	0.067	1	1.27	0.018	0.06	0.3	0.02	3.6	<0.1	<0.05	4	0.6	<0.2
1073434	Soil	14	27	0.64	377	0.062	2	1.41	0.028	0.06	0.2	0.04	3.9	<0.1	<0.05	4	<0.5	<0.2
1073440	Soil	14	42	0.60	526	0.076	1	1.43	0.016	0.08	0.2	0.02	3.7	0.1	<0.05	4	1.3	<0.2
1073437	Soil	14	28	0.59	423	0.070	1	1.30	0.024	0.06	0.2	0.03	3.7	<0.1	<0.05	4	0.5	<0.2
1073423	Soil	11	29	0.48	262	0.066	2	1.38	0.021	0.04	0.2	0.03	3.5	<0.1	<0.05	4	0.7	<0.2
1073427	Soil	13	28	0.51	406	0.059	2	1.40	0.024	0.05	0.2	0.04	3.8	<0.1	<0.05	4	1.0	<0.2
1073428	Soil	12	27	0.58	235	0.072	2	1.25	0.030	0.09	0.2	0.02	3.7	<0.1	<0.05	4	<0.5	<0.2
1073429	Soil	13	25	0.82	358	0.067	2	1.22	0.029	0.09	0.2	0.02	3.8	<0.1	<0.05	3	<0.5	<0.2
1073424	Soil	14	34	0.56	374	0.075	1	1.52	0.020	0.05	0.2	0.02	4.2	<0.1	<0.05	5	0.6	<0.2
1073426	Soil	13	27	0.53	409	0.062	2	1.46	0.026	0.05	0.2	0.03	3.8	<0.1	<0.05	4	<0.5	<0.2
1073420	Soil	15	33	0.66	370	0.088	1	1.54	0.026	0.10	0.2	0.03	4.3	<0.1	<0.05	4	<0.5	<0.2
1073425	Soil	13	27	0.62	391	0.060	1	1.37	0.026	0.05	0.2	0.03	3.6	<0.1	<0.05	4	0.5	<0.2
1073422	Soil	13	29	0.56	359	0.059	1	1.35	0.022	0.05	0.2	0.03	3.5	<0.1	<0.05	4	0.8	<0.2
1073421	Soil	11	31	0.54	306	0.064	1	1.30	0.019	0.07	0.2	0.02	3.2	<0.1	<0.05	4	1.2	<0.2
1073419	Soil	15	38	0.63	352	0.089	<1	1.55	0.020	0.15	0.1	0.02	4.2	0.1	<0.05	5	0.7	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 04, 2011

Page:

1 of 1

Part 1

QUALITY CONTROL REPORT

DAW11000312.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1077210	Soil	2.2	63.4	9.4	84	0.7	39.2	12.4	240	3.09	4.2	1.6	4.6	1.1	18	0.4	0.3	0.3	66	0.19	0.091
REP 1077210	QC	2.1	64.7	9.8	83	0.7	42.3	13.3	252	3.22	4.0	1.6	4.3	1.2	17	0.3	0.3	0.3	68	0.20	0.095
1077219	Soil	1.6	70.4	9.3	83	<0.1	49.5	15.1	252	3.67	8.4	0.8	2.1	3.1	16	<0.1	0.5	0.3	72	0.16	0.038
REP 1077219	QC	1.6	74.1	9.4	85	<0.1	50.4	15.4	264	3.66	8.3	0.8	4.4	3.1	16	<0.1	0.4	0.3	72	0.16	0.039
1077108	Soil	0.8	34.6	6.5	84	0.7	42.3	6.2	660	1.90	<0.5	0.5	0.7	4.2	40	0.6	<0.1	0.1	79	0.67	0.043
REP 1077108	QC	0.7	33.6	6.3	84	0.7	41.5	6.1	662	1.83	0.6	0.5	1.5	3.9	40	0.6	<0.1	0.1	76	0.65	0.042
1077122	Soil	0.9	64.4	3.2	96	0.3	62.3	26.5	1302	5.13	0.8	0.6	0.7	2.3	19	0.2	<0.1	<0.1	172	0.79	0.056
REP 1077122	QC	0.9	65.1	3.2	96	0.3	62.1	26.3	1331	5.25	0.7	0.6	2.1	2.3	20	0.1	0.1	<0.1	181	0.81	0.055
Reference Materials																					
STD DS8	Standard	12.9	110.0	119.1	313	1.9	38.2	7.8	601	2.44	25.6	2.6	111.9	6.6	61	2.3	5.6	6.6	44	0.68	0.079
STD DS8	Standard	13.4	108.1	119.0	315	2.0	40.0	8.0	625	2.50	26.9	2.6	123.7	6.4	61	2.5	5.8	6.7	44	0.71	0.088
STD DS8	Standard	13.7	108.0	124.3	314	1.8	38.4	7.4	633	2.45	25.0	2.9	100.0	7.1	72	2.3	5.5	6.8	46	0.73	0.081
STD DS8	Standard	13.8	121.2	128.1	332	1.9	41.0	8.1	660	2.60	27.6	3.0	109.2	7.2	63	2.5	5.2	6.1	45	0.71	0.085
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

October 04, 2011

Page:

1 of 1

Part 2

QUALITY CONTROL REPORT

DAW11000312.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1077210	Soil	14	39	0.60	667	0.075	3	1.66	0.009	0.33	0.1	0.07	2.9	0.3	0.13	5	1.4	<0.2
REP 1077210	QC	15	41	0.64	667	0.076	3	1.65	0.010	0.34	<0.1	0.08	3.0	0.3	0.13	6	0.7	<0.2
1077219	Soil	11	40	0.73	186	0.133	2	1.89	0.010	0.33	0.1	0.02	2.9	0.3	0.07	6	0.6	<0.2
REP 1077219	QC	12	41	0.76	189	0.132	2	1.88	0.011	0.35	0.1	0.03	2.9	0.3	0.06	6	0.6	<0.2
1077108	Soil	22	59	0.72	174	0.057	<1	1.58	0.053	0.27	<0.1	0.03	7.2	0.2	<0.05	5	0.6	<0.2
REP 1077108	QC	23	56	0.69	171	0.054	1	1.47	0.050	0.26	<0.1	0.03	7.0	0.2	<0.05	5	0.7	<0.2
1077122	Soil	12	158	2.87	823	0.353	<1	3.45	0.028	1.05	<0.1	0.01	14.6	0.5	<0.05	12	<0.5	<0.2
REP 1077122	QC	12	161	2.95	826	0.363	<1	3.51	0.028	1.07	<0.1	<0.01	14.8	0.6	<0.05	12	0.6	<0.2
Reference Materials																		
STD DS8	Standard	14	118	0.62	275	0.110	4	0.89	0.079	0.40	3.0	0.19	2.1	5.4	0.14	5	5.2	5.0
STD DS8	Standard	15	123	0.64	280	0.110	5	0.97	0.089	0.42	3.0	0.24	2.1	5.4	0.20	5	6.0	4.5
STD DS8	Standard	16	120	0.61	288	0.122	3	0.95	0.110	0.44	3.1	0.20	3.4	5.3	0.08	5	4.4	4.5
STD DS8	Standard	15	123	0.64	285	0.110	2	0.99	0.105	0.45	3.1	0.20	2.4	5.8	0.17	5	6.0	5.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: October 14, 2011
Report Date: December 08, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS

DAW11000553.1

CLIENT JOB INFORMATION

Project: GEM
Shipment ID: GEM2011-07
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
PICKUP-RJT Client to Pickup Rejects

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
RJSV	320	Saving all or part of Soil Reject			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

2 of 12 Part 1

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1142781	Soil	4.5	35.8	8.0	52	1.2	14.3	4.8	207	2.18	4.8	1.5	1.2	0.5	15	0.4	0.4	0.2	80	0.11
1142788	Soil	3.6	33.6	9.4	68	1.1	17.1	6.3	215	2.66	6.0	1.7	5.4	1.6	21	0.5	0.4	0.3	79	0.15
1142792	Soil	5.2	60.9	4.7	171	0.4	18.2	10.7	352	4.38	1.4	0.7	2.5	1.6	33	0.2	0.2	0.3	57	0.16
1142783	Soil	3.6	69.7	7.4	206	0.1	35.7	8.8	229	3.94	1.1	1.7	2.1	2.0	17	0.2	0.1	0.3	77	0.15
1142793	Soil	3.2	65.0	5.6	143	0.2	32.1	7.6	211	3.48	4.3	1.4	2.7	2.6	23	0.2	0.3	0.2	60	0.18
1142787	Soil	4.5	61.2	7.1	87	0.5	21.3	7.4	237	3.04	5.0	2.7	10.8	3.2	23	0.3	0.4	0.2	107	0.16
1142791	Soil	3.4	38.7	8.3	82	0.6	22.8	6.9	237	2.77	6.8	1.7	3.7	3.5	28	0.2	0.5	0.2	81	0.22
1142784	Soil	2.1	69.7	5.2	107	0.1	25.2	8.2	218	3.03	2.9	1.2	2.4	2.5	14	0.2	0.2	0.2	74	0.11
1142782	Soil	3.5	35.7	7.7	53	0.7	16.7	5.9	214	2.53	6.6	1.7	2.8	2.9	15	0.1	0.4	0.2	72	0.13
1142779	Soil	3.0	39.5	9.6	58	0.9	16.3	6.1	235	3.03	6.6	1.5	78.7	1.6	22	0.2	0.4	0.2	67	0.15
1142790	Soil	5.5	55.5	8.6	107	1.0	24.1	6.0	336	3.36	5.6	2.9	6.5	4.4	47	0.2	0.4	0.2	117	0.29
1142785	Soil	3.8	49.8	8.8	55	0.6	20.1	7.6	300	2.55	7.9	3.3	2.9	3.9	37	0.3	0.5	0.2	80	0.25
1142795	Soil	1.6	29.7	7.8	80	0.1	28.7	9.8	198	2.75	8.1	0.9	8.5	3.7	16	0.3	0.4	0.2	64	0.19
1142780	Soil	2.7	40.0	8.2	53	0.7	17.6	7.3	288	2.78	6.9	1.6	5.1	3.7	17	0.2	0.4	0.1	75	0.13
1142789	Soil	3.3	41.0	7.4	80	0.4	21.9	7.3	249	2.73	6.8	2.2	1.4	3.5	23	0.2	0.4	0.2	93	0.20
1142786	Soil	4.8	57.9	6.9	73	0.8	17.2	6.2	292	2.70	5.5	2.5	4.5	3.0	19	0.2	0.3	0.1	92	0.14
1142775	Soil	2.1	47.0	5.4	90	0.5	16.4	4.7	184	2.99	2.7	1.3	1.0	2.5	20	0.3	0.1	0.2	56	0.12
1142774	Soil	3.1	43.0	7.0	75	0.3	19.3	7.3	293	3.24	4.9	0.8	1.7	2.0	14	0.3	0.2	0.2	75	0.12
1142770	Soil	0.6	92.3	3.9	251	0.1	190.3	55.9	1150	5.68	5.0	0.9	0.8	2.9	74	2.0	0.1	<0.1	163	8.67
1142796	Soil	1.4	95.6	8.1	532	0.2	151.4	28.4	287	2.41	8.3	1.2	2.6	4.0	18	2.0	0.6	0.1	54	0.27
1259121	Soil	0.3	56.1	10.9	155	0.1	134.3	14.0	302	2.65	6.3	0.7	3.1	5.7	45	0.5	<0.1	0.1	54	4.75
1142778	Soil	2.0	29.2	9.2	67	1.0	17.7	7.3	298	3.09	6.6	1.1	8.2	1.7	18	0.5	0.3	0.3	66	0.16
1142769	Soil	4.2	27.6	10.1	56	0.8	19.1	8.7	234	2.86	8.2	1.1	4.6	2.8	19	0.2	0.5	0.2	62	0.14
1142797	Soil	1.4	92.2	7.8	677	0.3	178.2	31.1	326	2.41	9.1	1.2	3.6	4.0	20	2.1	0.6	0.1	55	0.27
1259123	Soil	0.6	56.4	9.4	120	0.2	74.4	13.7	227	3.36	5.1	1.1	3.0	5.0	24	0.1	0.1	0.2	75	1.71
1142776	Soil	1.4	49.1	7.0	76	0.3	34.3	12.0	230	3.77	3.1	0.7	23.1	1.8	14	0.3	0.2	0.2	81	0.12
1142772	Soil	1.5	32.8	9.3	53	0.2	19.0	8.4	407	2.89	6.5	0.9	1.4	3.5	22	0.1	0.2	0.2	66	0.46
1142794	Soil	1.4	29.7	8.0	78	0.1	28.4	9.9	192	2.61	7.4	0.8	2.7	3.6	17	0.3	0.4	0.1	61	0.20
1259124	Soil	0.4	51.9	12.1	137	<0.1	62.2	14.0	362	3.45	6.9	1.3	2.3	9.4	13	0.1	0.1	0.2	74	0.58
1142777	Soil	1.5	33.6	7.7	59	0.5	20.2	7.5	211	3.13	6.3	1.1	14.7	2.5	14	0.2	0.2	0.2	64	0.14



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

2 of 12

Part 2

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1142781	Soil	10	34	0.62	221	0.039	3	1.39	0.009	0.07	0.2	0.04	1.5	0.2	0.08	5	3.0	<0.2
1142788	Soil	12	36	0.57	204	0.074	2	1.61	0.014	0.11	0.2	0.03	2.5	0.1	0.11	6	1.1	<0.2
1142792	Soil	6	46	1.20	297	0.134	1	1.97	0.033	0.74	<0.1	0.01	3.1	0.7	0.33	7	1.3	<0.2
1142783	Soil	11	54	1.39	803	0.189	<1	2.54	0.023	0.79	<0.1	0.01	4.8	0.4	0.12	8	<0.5	<0.2
1142793	Soil	9	43	0.98	246	0.115	1	1.90	0.029	0.47	<0.1	0.02	4.4	0.4	0.20	6	0.8	<0.2
1142787	Soil	12	51	0.94	341	0.120	1	1.95	0.015	0.30	0.1	0.03	4.4	0.3	0.20	6	1.2	<0.2
1142791	Soil	13	41	0.69	290	0.100	2	1.69	0.014	0.10	0.2	0.03	3.5	0.1	0.09	5	1.9	<0.2
1142784	Soil	10	53	1.37	674	0.169	<1	2.29	0.020	0.72	<0.1	0.02	4.3	0.3	0.15	7	0.5	<0.2
1142782	Soil	12	40	0.64	237	0.068	1	1.66	0.011	0.06	0.1	0.03	3.4	0.2	0.10	6	1.9	<0.2
1142779	Soil	13	39	0.68	268	0.062	1	1.78	0.016	0.11	0.1	0.03	2.6	0.2	0.19	6	1.5	<0.2
1142790	Soil	18	51	1.00	448	0.117	<1	1.91	0.025	0.32	0.1	0.03	4.8	0.3	0.31	6	2.7	<0.2
1142785	Soil	16	43	0.99	586	0.080	1	1.69	0.018	0.10	0.1	0.04	4.2	0.2	0.16	6	2.5	<0.2
1142795	Soil	13	37	0.56	213	0.080	1	1.74	0.012	0.08	0.2	0.03	3.9	0.1	0.07	5	<0.5	<0.2
1142780	Soil	13	39	0.72	251	0.072	1	1.76	0.016	0.08	0.1	0.03	3.8	0.2	0.14	5	1.8	<0.2
1142789	Soil	14	45	0.78	257	0.113	1	1.89	0.015	0.12	0.1	0.02	4.4	0.1	0.10	6	0.6	<0.2
1142786	Soil	11	40	0.93	291	0.092	<1	1.90	0.012	0.21	<0.1	0.03	3.1	0.3	0.18	6	1.8	<0.2
1142775	Soil	9	38	0.99	427	0.104	<1	1.64	0.018	0.54	<0.1	<0.01	2.9	0.4	0.33	6	0.7	<0.2
1142774	Soil	8	55	1.07	477	0.132	<1	2.10	0.017	0.40	0.1	0.02	4.0	0.3	0.22	7	1.0	<0.2
1142770	Soil	19	244	1.61	985	0.453	<1	3.13	0.059	0.76	<0.1	0.02	10.8	0.3	<0.05	11	<0.5	<0.2
1142796	Soil	14	27	0.53	255	0.058	1	1.74	0.020	0.06	0.2	0.03	3.5	0.1	0.07	4	<0.5	<0.2
1259121	Soil	21	124	1.21	363	0.170	<1	2.03	0.015	0.52	<0.1	0.02	3.4	0.5	<0.05	6	<0.5	<0.2
1142778	Soil	12	36	0.71	284	0.073	1	1.83	0.014	0.12	0.1	0.03	2.7	0.2	0.11	6	0.6	<0.2
1142769	Soil	12	35	0.56	223	0.063	1	1.95	0.010	0.10	0.2	0.04	3.1	0.2	0.13	5	0.8	<0.2
1142797	Soil	15	31	0.59	259	0.064	1	1.65	0.015	0.08	0.2	0.04	3.8	0.1	0.07	4	<0.5	<0.2
1259123	Soil	17	76	1.03	381	0.170	<1	1.89	0.015	0.66	0.2	0.02	3.8	0.8	0.05	7	<0.5	<0.2
1142776	Soil	7	53	1.11	404	0.171	<1	2.34	0.025	0.82	<0.1	0.01	4.7	0.5	0.25	7	<0.5	<0.2
1142772	Soil	14	35	0.66	727	0.105	1	2.06	0.017	0.09	0.1	0.03	3.5	0.2	0.20	7	<0.5	<0.2
1142794	Soil	15	36	0.56	228	0.081	<1	1.68	0.011	0.09	0.2	0.04	4.0	0.1	0.08	5	<0.5	<0.2
1259124	Soil	32	51	0.96	443	0.191	<1	1.91	0.010	0.70	<0.1	0.02	4.2	0.8	0.10	7	<0.5	<0.2
1142777	Soil	10	40	0.78	271	0.109	<1	1.86	0.015	0.23	<0.1	0.02	3.7	0.2	0.20	6	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

3 of 12

Part 1

CERTIFICATE OF ANALYSIS

DAW11000553.1

		Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1142773	Soil	4.0	33.3	7.8	42	0.7	9.6	4.6	362	2.55	3.6	1.0	0.9	1.5	24	0.1	0.3	0.2	58	0.15	0.059	
1142771	Soil	0.5	83.9	3.8	99	0.1	164.2	55.1	982	5.87	2.8	0.6	0.7	4.3	59	0.2	<0.1	<0.1	191	1.20	0.201	
1259103	Soil	3.9	60.7	9.9	131	0.8	36.6	11.8	627	3.24	3.9	1.7	65.7	4.4	60	1.0	0.2	0.2	84	0.26	0.055	
1259102	Soil	2.9	43.8	8.7	78	1.0	33.6	10.1	249	2.92	9.0	1.0	1.9	2.4	25	1.2	0.4	0.2	85	0.30	0.045	
1259122	Soil	0.5	58.7	12.9	134	0.2	87.1	13.5	202	3.40	9.6	1.2	4.0	6.9	21	0.2	0.1	0.2	76	0.84	0.094	
1259129	Soil	1.1	51.0	7.2	66	0.1	56.8	13.4	375	2.69	7.1	1.3	0.7	3.6	32	0.1	0.4	0.1	68	0.65	0.046	
1259105	Soil	2.0	53.7	8.3	74	0.2	21.9	6.2	342	2.41	4.0	1.7	4.3	4.0	24	0.1	0.4	0.2	59	0.29	0.034	
1259104	Soil	3.4	59.6	6.0	73	0.6	21.6	9.8	244	2.09	1.9	2.5	2.8	2.6	33	0.2	0.3	0.2	60	0.18	0.051	
1259125	Soil	0.4	43.1	39.4	195	<0.1	43.2	9.9	228	3.00	2.5	1.5	3.0	12.8	14	0.1	0.1	0.5	69	0.39	0.096	
1259130	Soil	0.9	50.2	4.4	51	0.1	66.0	12.2	263	2.12	3.5	0.9	2.1	1.9	26	0.2	0.3	0.1	52	0.45	0.049	
1259107	Soil	7.7	105.6	13.4	225	0.6	56.4	16.4	566	3.38	2.7	2.4	<0.5	3.4	38	0.4	0.2	0.3	70	0.23	0.099	
1259106	Soil	4.5	95.9	6.4	184	0.2	38.0	10.6	290	3.36	1.6	2.7	3.3	2.1	23	0.4	0.2	0.2	59	0.12	0.049	
1259126	Soil	0.7	55.9	23.2	170	0.1	52.2	10.3	227	3.42	5.2	1.3	6.9	10.8	11	0.1	0.2	0.2	75	0.37	0.083	
1259128	Soil	0.5	32.3	4.2	67	<0.1	45.6	15.4	464	1.72	2.9	1.0	2.0	3.1	12	<0.1	0.2	0.1	53	0.32	0.034	
1259110	Soil	1.4	82.2	4.8	400	0.2	125.6	14.0	511	2.72	2.3	1.2	2.7	2.7	42	0.8	0.2	0.1	82	0.46	0.051	
1259108	Soil	5.3	29.8	6.6	69	0.4	19.4	5.6	191	1.89	4.7	1.3	7.9	2.5	22	0.3	0.3	0.1	58	0.22	0.051	
1259101	Soil	4.0	78.0	10.6	179	0.7	38.6	7.9	503	3.49	2.4	2.2	9.9	5.8	32	1.0	0.2	0.3	123	0.22	0.074	
1259127	Soil	1.0	47.7	15.1	106	<0.1	49.0	12.5	175	3.24	4.5	1.4	3.2	9.1	18	<0.1	0.2	0.2	73	0.43	0.062	
1103884	Soil	0.3	61.5	7.1	58	0.1	82.8	16.0	591	2.84	22.1	0.6	2.1	3.7	188	0.1	0.1	0.1	77	0.99	0.053	
1259113	Soil	2.5	62.4	6.5	119	0.4	38.5	8.7	268	2.39	4.5	1.9	2.3	3.2	23	0.3	0.4	0.1	67	0.26	0.045	
1259119	Soil	0.3	46.1	4.5	51	<0.1	160.2	13.8	449	2.12	7.5	0.5	3.2	3.7	75	0.1	0.1	<0.1	45	5.01	0.040	
1259109	Soil	3.6	51.1	6.3	112	0.4	28.9	8.3	243	2.32	2.6	1.7	2.4	2.6	23	0.4	0.3	0.1	71	0.16	0.040	
1103882	Soil	1.0	52.6	13.6	120	<0.1	50.0	13.2	187	3.59	1.4	1.6	3.6	6.9	22	<0.1	<0.1	0.2	79	0.38	0.037	
1259111	Soil	2.2	71.3	6.3	285	0.3	76.6	9.6	267	2.33	3.3	1.9	2.2	2.9	26	0.7	0.3	0.1	70	0.28	0.041	
1259116	Soil	2.2	44.6	7.4	61	0.3	24.3	6.7	251	2.08	5.3	1.4	26.4	3.5	23	0.2	0.5	0.1	64	0.30	0.050	
1259120	Soil	<0.1	14.3	1.4	33	<0.1	79.0	6.8	228	0.76	1.5	0.3	1.0	0.9	59	0.4	<0.1	<0.1	17	7.86	0.176	
1103883	Soil	0.8	44.5	16.2	107	<0.1	45.4	12.2	319	3.29	0.9	1.7	2.2	8.9	138	<0.1	0.1	0.2	77	0.56	0.019	
1259112	Soil	3.2	63.9	6.6	197	0.4	48.8	10.7	256	2.28	3.3	1.4	2.2	3.0	18	0.5	0.5	0.1	78	0.19	0.038	
1259115	Soil	2.4	47.4	7.8	84	0.3	28.8	8.6	366	2.41	4.0	1.2	1.9	2.9	21	0.3	0.4	0.1	62	0.23	0.035	
1259118	Soil	1.7	34.6	5.8	67	0.2	28.7	6.7	215	1.93	3.8	0.9	2.5	3.1	18	0.2	0.3	0.1	51	0.29	0.047	



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

3 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1142773	Soil	7	27	0.81	222	0.076	<1	1.30	0.020	0.24	0.2	<0.01	2.0	0.3	0.31	5	1.8	<0.2
1142771	Soil	23	190	1.84	2364	0.447	<1	3.89	0.035	0.56	<0.1	0.01	9.6	0.1	0.08	13	<0.5	<0.2
1259103	Soil	18	49	1.05	401	0.120	<1	2.29	0.018	0.36	<0.1	0.01	4.3	0.4	0.24	7	1.2	<0.2
1259102	Soil	13	38	0.61	286	0.094	1	1.93	0.012	0.13	0.1	0.03	3.2	0.1	0.13	6	<0.5	<0.2
1259122	Soil	26	68	1.00	363	0.197	<1	2.08	0.012	0.74	0.1	0.02	3.5	0.8	0.08	7	<0.5	<0.2
1259129	Soil	15	59	0.84	451	0.113	<1	1.84	0.025	0.13	0.1	0.02	4.8	0.1	0.10	5	<0.5	<0.2
1259105	Soil	13	33	0.61	223	0.078	<1	1.20	0.013	0.10	0.2	0.03	3.3	0.1	<0.05	4	0.9	<0.2
1259104	Soil	14	28	0.45	127	0.043	<1	0.96	0.004	0.07	<0.1	<0.01	1.8	0.1	<0.05	3	1.3	<0.2
1259125	Soil	34	41	0.69	412	0.156	<1	1.63	0.007	0.52	<0.1	<0.01	2.9	0.6	<0.05	5	<0.5	<0.2
1259130	Soil	7	77	1.01	328	0.088	<1	1.46	0.016	0.07	<0.1	0.02	3.5	0.1	<0.05	4	<0.5	<0.2
1259107	Soil	17	45	1.10	901	0.163	<1	1.95	0.010	0.51	<0.1	0.01	3.7	0.6	0.10	8	2.3	<0.2
1259106	Soil	9	35	0.71	286	0.114	<1	1.53	0.010	0.53	<0.1	0.02	3.1	0.6	0.06	5	0.8	<0.2
1259126	Soil	41	48	0.87	390	0.183	<1	1.96	0.008	0.82	<0.1	0.01	3.0	0.9	<0.05	6	<0.5	<0.2
1259128	Soil	10	26	0.99	583	0.098	<1	1.38	0.011	0.24	<0.1	<0.01	3.2	0.2	<0.05	6	<0.5	<0.2
1259110	Soil	10	86	1.30	707	0.173	<1	2.29	0.022	0.39	0.1	0.02	6.1	0.2	<0.05	7	0.6	<0.2
1259108	Soil	10	26	0.50	398	0.066	<1	1.11	0.009	0.09	0.1	0.02	2.1	0.1	<0.05	4	1.6	<0.2
1259101	Soil	28	67	1.41	408	0.192	<1	2.45	0.014	0.82	0.1	0.01	4.7	0.5	0.17	8	2.6	<0.2
1259127	Soil	27	48	0.90	370	0.172	<1	2.02	0.013	0.54	<0.1	0.02	3.6	0.5	<0.05	6	<0.5	<0.2
1103884	Soil	17	97	1.97	2884	0.155	1	3.69	0.043	0.54	0.1	0.01	6.2	0.3	<0.05	8	<0.5	<0.2
1259113	Soil	12	36	0.61	552	0.103	<1	1.36	0.012	0.22	0.1	0.03	3.4	0.2	<0.05	5	1.2	<0.2
1259119	Soil	12	105	1.22	521	0.135	<1	2.00	0.045	0.38	<0.1	0.02	4.0	0.3	0.09	7	<0.5	<0.2
1259109	Soil	11	29	0.54	429	0.094	<1	1.33	0.009	0.17	<0.1	0.02	2.8	0.2	<0.05	5	2.2	<0.2
1103882	Soil	24	52	1.00	403	0.246	<1	2.76	0.017	0.93	<0.1	<0.01	5.1	0.7	<0.05	8	0.6	<0.2
1259111	Soil	12	40	0.63	458	0.105	<1	1.44	0.009	0.21	<0.1	0.02	3.5	0.2	<0.05	5	1.1	<0.2
1259116	Soil	13	30	0.54	465	0.068	1	1.16	0.015	0.08	0.2	0.03	3.5	0.1	<0.05	4	1.2	<0.2
1259120	Soil	4	165	1.22	101	0.042	<1	0.99	0.016	0.07	0.2	<0.01	1.2	<0.1	0.10	3	<0.5	<0.2
1103883	Soil	29	56	0.95	474	0.219	<1	2.97	0.028	0.39	<0.1	0.03	6.0	0.5	<0.05	9	<0.5	<0.2
1259112	Soil	11	32	0.66	507	0.093	<1	1.28	0.010	0.29	<0.1	0.02	3.3	0.3	0.08	5	1.4	<0.2
1259115	Soil	11	34	0.60	484	0.084	<1	1.41	0.010	0.10	0.1	0.02	3.3	0.2	<0.05	5	1.2	<0.2
1259118	Soil	11	30	0.50	333	0.076	<1	1.13	0.011	0.10	0.2	0.02	3.0	0.1	<0.05	4	0.7	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

4 of 12 Part 1

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte	Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
			ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1103880	Soil		1.7	55.6	17.2	132	0.1	56.5	11.9	266	3.25	2.5	1.1	14.1	5.7	19	<0.1	0.1	0.2	70	0.32
1103885	Soil		0.3	53.5	8.2	52	0.1	78.6	15.2	527	2.72	22.1	0.6	1.6	4.1	163	<0.1	0.2	<0.1	73	0.90
1259114	Soil		3.2	58.5	6.3	111	0.4	31.4	7.2	249	2.30	3.3	2.6	1.9	2.7	20	0.4	0.4	0.1	64	0.22
1259117	Soil		2.4	42.9	6.8	61	0.3	22.8	6.0	226	2.03	4.8	1.3	8.5	3.2	23	0.2	0.4	0.1	66	0.29
1103858	Soil		<0.1	25.5	6.4	24	0.2	20.5	2.9	566	0.65	<0.5	0.2	7.5	1.0	24	0.9	<0.1	0.2	16	4.60
1103861	Soil		0.7	62.3	6.8	83	<0.1	55.9	14.2	399	3.03	5.8	1.0	5.9	5.1	24	<0.1	0.2	0.1	96	0.36
1103877	Soil		1.2	35.2	10.9	85	<0.1	33.6	9.9	126	3.04	2.4	0.9	2.0	5.1	9	<0.1	0.2	0.2	60	0.09
1103878	Soil		0.9	35.7	12.2	84	<0.1	31.1	7.5	185	2.57	1.0	1.2	5.8	7.7	14	<0.1	0.1	0.2	50	0.24
1103857	Soil		0.2	55.3	13.5	96	<0.1	109.2	20.8	534	4.28	4.6	1.0	3.7	8.7	122	<0.1	<0.1	0.1	135	0.60
1103862	Soil		1.0	74.9	12.6	150	<0.1	77.0	14.8	452	4.76	7.2	1.7	5.6	12.9	14	<0.1	0.1	0.2	118	0.27
1103875	Soil		0.8	42.7	8.8	57	<0.1	31.1	12.0	244	2.79	5.3	0.7	0.6	3.3	11	<0.1	0.3	0.2	46	0.13
1103876	Soil		0.9	35.6	7.7	61	<0.1	28.7	9.1	229	2.44	2.9	0.7	1.9	2.8	14	<0.1	0.2	0.2	57	0.14
1103856	Soil		0.8	35.6	13.4	112	<0.1	37.3	14.9	294	3.68	3.7	0.7	1.8	3.6	14	<0.1	0.2	0.2	74	0.26
1103860	Soil		0.7	15.3	8.8	50	<0.1	19.5	8.2	122	2.25	4.1	0.7	3.7	4.7	13	<0.1	0.2	0.1	39	0.20
1103852	Soil		1.0	36.4	7.2	72	<0.1	36.6	12.1	318	2.23	7.6	0.4	0.8	2.2	11	0.2	0.5	0.2	57	0.07
1103879	Soil		0.8	30.9	9.5	73	<0.1	27.2	6.8	202	2.42	1.7	1.1	7.3	6.3	15	<0.1	0.2	0.2	46	0.21
1103854	Soil		0.9	78.6	4.1	262	0.3	71.4	8.2	337	2.51	2.8	1.6	3.6	2.3	29	0.5	0.3	<0.1	117	0.40
1103859	Soil		0.5	28.5	15.4	115	<0.1	39.4	10.0	227	2.85	1.8	1.0	3.8	7.9	35	<0.1	0.2	0.2	56	0.63
1103851	Soil		3.4	191.0	8.6	567	0.5	159.6	10.2	264	2.79	10.5	3.0	3.2	3.1	25	0.4	1.6	0.2	110	0.65
1103881	Soil		0.7	32.5	8.4	80	<0.1	27.0	8.9	173	2.68	4.0	0.8	3.7	4.3	12	<0.1	0.3	0.2	52	0.16
1103867	Soil		1.1	49.9	7.6	81	0.1	35.3	9.3	259	3.37	4.4	0.8	0.6	4.1	11	<0.1	0.2	0.2	74	0.13
1103870	Soil		1.7	41.9	8.5	77	0.2	41.7	11.3	172	3.03	4.8	0.9	1.6	5.2	11	<0.1	0.3	0.1	56	0.13
1103873	Soil		0.8	41.0	10.0	112	0.1	32.0	13.4	424	3.71	3.2	1.1	1.9	4.6	24	<0.1	0.2	0.1	105	0.20
1103855	Soil		0.3	19.4	2.7	24	<0.1	313.7	22.7	170	1.70	24.8	0.3	3.0	1.3	14	<0.1	0.2	<0.1	28	0.19
1103865	Soil		0.5	85.7	4.1	73	<0.1	51.7	11.6	532	2.33	2.9	0.4	4.7	2.0	17	<0.1	0.1	<0.1	65	0.34
1103866	Soil		1.1	41.3	7.4	73	0.1	47.5	14.5	413	3.46	6.1	0.5	1.3	3.2	18	<0.1	0.3	0.1	99	0.22
1103874	Soil		1.0	57.5	6.0	52	<0.1	32.7	10.7	144	2.88	1.2	1.2	3.0	4.9	18	<0.1	0.1	0.1	59	0.18
1103853	Soil		1.8	48.3	7.6	86	0.1	43.0	19.6	459	2.69	9.0	1.0	2.0	2.3	13	0.3	0.7	0.1	82	0.09
1102688	Soil		2.6	44.5	6.8	184	0.6	49.6	10.9	302	2.46	3.8	1.6	2.6	2.0	40	0.8	0.2	0.1	74	0.39
1103868	Soil		1.2	21.0	9.0	58	0.1	24.4	10.4	263	2.97	8.2	0.7	1.7	3.7	12	<0.1	0.4	0.1	63	0.15



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: December 08, 2011

Page: 4 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1103880	Soil	19	59	0.99	589	0.207	<1	2.24	0.016	0.88	<0.1	0.01	4.0	0.8	<0.05	7	<0.5	<0.2
1103885	Soil	17	85	1.86	2025	0.147	1	3.31	0.040	0.43	0.1	0.02	6.1	0.2	<0.05	9	<0.5	<0.2
1259114	Soil	10	35	0.65	561	0.102	<1	1.30	0.013	0.30	0.1	0.02	3.5	0.2	0.08	5	1.4	<0.2
1259117	Soil	12	30	0.53	432	0.068	<1	1.13	0.012	0.09	0.1	0.03	3.4	0.2	0.05	4	1.5	<0.2
1103858	Soil	9	19	1.54	119	0.055	<1	0.95	0.003	<0.01	<0.1	0.02	1.5	<0.1	0.10	2	<0.5	<0.2
1103861	Soil	26	79	1.41	1024	0.229	<1	2.61	0.011	0.46	0.2	0.01	7.8	0.4	<0.05	9	<0.5	<0.2
1103877	Soil	13	36	0.72	250	0.166	<1	2.09	0.008	0.58	<0.1	<0.01	2.7	0.6	<0.05	6	<0.5	<0.2
1103878	Soil	25	33	0.62	333	0.111	<1	1.61	0.007	0.49	<0.1	<0.01	3.0	0.5	<0.05	6	<0.5	<0.2
1103857	Soil	25	163	2.36	1140	0.359	<1	4.40	0.049	1.45	<0.1	0.02	13.8	0.6	<0.05	14	<0.5	<0.2
1103862	Soil	53	82	1.71	913	0.356	<1	3.32	0.013	1.33	0.1	0.03	7.0	1.0	<0.05	11	0.6	<0.2
1103875	Soil	11	27	0.72	424	0.098	<1	1.85	0.008	0.20	0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1103876	Soil	12	28	0.64	384	0.118	<1	1.70	0.010	0.29	<0.1	0.01	3.2	0.3	<0.05	6	<0.5	<0.2
1103856	Soil	11	34	1.18	395	0.228	<1	3.05	0.022	1.01	<0.1	<0.01	4.6	0.6	<0.05	8	<0.5	<0.2
1103860	Soil	12	24	0.48	256	0.094	2	1.68	0.013	0.30	<0.1	0.02	2.2	0.2	<0.05	4	0.6	<0.2
1103852	Soil	8	33	0.49	137	0.083	2	1.52	0.008	0.14	<0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
1103879	Soil	23	29	0.59	317	0.102	<1	1.50	0.007	0.45	<0.1	0.02	2.5	0.4	<0.05	5	0.7	<0.2
1103854	Soil	16	68	1.00	813	0.120	<1	1.70	0.008	0.30	<0.1	0.01	4.9	0.1	<0.05	7	0.7	<0.2
1103859	Soil	31	59	0.78	329	0.187	<1	2.33	0.048	0.62	<0.1	<0.01	3.2	0.5	<0.05	7	0.5	<0.2
1103851	Soil	17	91	0.51	168	0.019	1	2.13	0.004	0.05	0.2	0.03	2.8	<0.1	<0.05	6	2.8	<0.2
1103881	Soil	16	30	0.68	281	0.134	<1	1.87	0.012	0.46	<0.1	<0.01	2.6	0.4	<0.05	5	<0.5	<0.2
1103867	Soil	13	41	0.77	533	0.182	<1	1.93	0.009	0.64	0.1	<0.01	3.1	0.5	<0.05	7	<0.5	<0.2
1103870	Soil	15	33	0.80	274	0.118	<1	2.17	0.008	0.38	<0.1	0.01	2.8	0.4	<0.05	6	<0.5	<0.2
1103873	Soil	18	40	1.21	609	0.244	<1	2.76	0.014	0.62	0.1	0.02	7.3	0.5	<0.05	9	<0.5	<0.2
1103855	Soil	5	279	2.01	91	0.055	<1	1.79	0.011	0.02	<0.1	0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
1103865	Soil	6	40	1.54	1294	0.152	<1	2.04	0.009	0.37	0.1	0.01	5.2	0.2	<0.05	8	<0.5	<0.2
1103866	Soil	8	74	1.08	701	0.193	<1	2.27	0.012	0.37	0.1	0.01	4.7	0.2	<0.05	8	<0.5	<0.2
1103874	Soil	17	29	0.91	520	0.174	<1	1.99	0.011	0.70	<0.1	<0.01	3.5	0.6	<0.05	6	<0.5	<0.2
1103853	Soil	9	43	0.45	124	0.070	<1	1.66	0.005	0.07	<0.1	0.02	2.6	0.1	<0.05	6	<0.5	<0.2
1102688	Soil	13	34	0.60	824	0.081	<1	1.55	0.013	0.19	0.2	0.05	3.3	0.2	<0.05	5	2.5	<0.2
1103868	Soil	10	34	0.54	274	0.080	<1	1.94	0.010	0.23	0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

5 of 12

Part 1

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte	Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
			ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1103872	Soil		1.1	26.2	7.7	88	<0.1	27.9	8.5	150	2.89	2.9	1.5	1.8	6.0	10	<0.1	0.2	0.1	52	0.16
1103863	Soil		2.7	108.1	11.3	241	0.2	82.3	14.7	823	3.97	5.9	1.1	1.3	4.2	16	0.2	0.1	0.1	183	0.19
1102692	Soil		0.4	120.1	2.6	169	<0.1	38.9	16.5	401	4.46	1.2	0.7	4.6	3.5	18	0.1	<0.1	0.2	140	0.29
1103869	Soil		1.2	50.8	11.1	48	<0.1	28.6	10.5	83	3.70	3.5	0.9	1.2	4.0	13	<0.1	0.3	0.4	66	0.10
1103871	Soil		1.5	52.6	8.8	94	<0.1	27.2	6.4	214	3.01	0.7	1.2	1.2	5.6	27	<0.1	0.2	0.2	70	0.21
1103864	Soil		0.6	46.1	6.6	64	<0.1	37.9	10.3	313	2.40	5.3	0.4	2.3	2.2	14	<0.1	0.3	0.1	63	0.19
1124298	Soil		0.7	49.0	5.5	60	<0.1	24.9	9.0	192	2.48	4.9	0.9	2.1	2.7	22	0.1	0.3	0.1	70	0.31
1124296	Soil		1.8	72.3	9.1	77	<0.1	35.7	11.0	414	3.01	1.9	1.1	3.5	3.7	18	<0.1	0.2	0.2	62	0.18
1102687	Soil		1.9	52.2	6.6	92	0.2	42.4	11.7	544	3.18	2.9	1.3	3.1	3.3	40	0.2	0.2	0.1	83	0.32
1102689	Soil		0.5	47.4	5.7	96	<0.1	29.0	11.6	203	2.80	3.7	0.4	0.5	2.4	15	0.4	0.2	0.1	76	0.24
1124295	Soil		1.1	48.0	5.5	61	0.1	25.7	8.3	241	2.48	4.1	1.0	7.5	3.1	21	<0.1	0.3	0.1	69	0.28
1124291	Soil		1.4	49.0	5.7	66	0.1	24.2	7.3	201	1.96	2.0	0.9	1.5	2.3	17	0.1	0.3	0.1	45	0.10
1102691	Soil		0.3	56.6	1.9	85	<0.1	18.9	12.8	525	3.37	1.3	0.6	3.3	2.3	14	0.2	0.1	<0.1	94	0.25
1102686	Soil		1.0	79.8	2.6	85	<0.1	31.1	13.5	332	3.78	2.1	0.9	2.3	3.1	18	0.1	0.1	0.1	114	0.35
1124294	Soil		1.4	44.3	5.8	57	0.1	22.9	6.0	195	2.15	4.1	1.1	3.0	2.8	26	<0.1	0.3	0.2	59	0.25
1124297	Soil		1.1	53.4	4.5	76	0.2	31.3	8.3	542	2.96	4.0	1.3	3.4	3.4	54	<0.1	0.2	0.2	92	0.42
1102693	Soil		0.3	118.2	2.8	199	<0.1	44.2	17.1	455	4.64	1.0	0.8	6.1	4.2	18	0.2	<0.1	0.1	145	0.37
1102694	Soil		0.5	62.0	6.8	216	0.1	104.9	11.4	400	3.76	1.8	1.9	2.5	4.2	32	0.6	0.2	0.2	110	0.39
1124293	Soil		1.1	72.5	5.7	76	<0.1	31.4	8.5	204	2.56	2.9	1.0	3.5	3.1	18	<0.1	0.3	0.1	54	0.19
1124300	Soil		1.1	71.6	3.4	76	<0.1	29.9	10.6	333	3.24	2.5	0.9	3.1	3.1	15	0.2	0.3	0.1	94	0.26
1124292	Soil		1.4	33.7	8.1	56	0.5	24.5	8.8	162	2.57	4.8	0.5	<0.5	2.1	13	<0.1	0.3	0.2	62	0.11
1102690	Soil		0.6	20.1	6.4	109	<0.1	31.6	12.5	490	2.74	4.1	0.3	<0.5	2.1	20	0.4	0.3	0.1	79	0.24
1124287	Soil		1.1	27.9	8.5	65	0.2	25.6	9.4	470	2.39	9.2	0.9	7.8	3.7	51	0.4	0.9	0.2	44	1.13
1124279	Soil		0.8	36.4	6.2	64	<0.1	30.3	8.2	238	2.38	5.9	0.6	2.3	3.2	26	0.1	0.5	0.1	66	0.29
1124284	Soil		0.9	45.6	5.3	55	<0.1	32.7	8.6	246	2.35	3.9	0.7	1.0	3.0	23	<0.1	0.3	<0.1	56	0.25
1124289	Soil		0.9	47.6	5.9	76	0.1	40.8	10.3	360	2.75	5.5	0.6	<0.5	3.1	19	0.2	0.3	0.1	58	0.25
1124280	Soil		0.9	40.1	5.3	56	<0.1	31.9	8.9	288	2.32	2.3	1.0	5.8	3.0	18	<0.1	0.2	<0.1	62	0.24
1124282	Soil		1.6	44.4	8.7	57	<0.1	31.5	10.8	403	2.65	5.2	1.1	2.4	3.3	27	0.2	0.5	0.2	71	0.23
1124283	Soil		0.8	31.1	4.4	33	<0.1	18.3	5.0	147	1.74	2.8	0.6	1.1	2.4	13	<0.1	0.2	<0.1	36	0.14
1124290	Soil		1.4	73.7	5.4	78	0.1	22.8	7.7	245	2.36	2.0	0.9	1.1	3.0	30	0.1	0.2	<0.1	43	0.19



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

5 of 12

Part 2

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1103872	Soil	15	31	0.63	259	0.138	<1	1.92	0.008	0.49	<0.1	0.01	2.3	0.4	<0.05	6	<0.5	<0.2
1103863	Soil	17	79	1.38	702	0.288	<1	2.76	0.013	1.06	0.1	<0.01	6.7	1.2	<0.05	10	<0.5	<0.2
1102692	Soil	17	37	1.35	1341	0.336	<1	2.56	0.012	1.28	0.2	<0.01	12.7	0.2	<0.05	12	<0.5	<0.2
1103869	Soil	14	38	0.77	243	0.158	<1	2.26	0.012	0.63	<0.1	<0.01	2.8	0.5	<0.05	6	0.9	0.2
1103871	Soil	23	37	0.96	641	0.182	<1	1.97	0.013	0.66	<0.1	0.01	4.4	0.5	0.07	8	1.0	<0.2
1103864	Soil	9	47	1.11	625	0.127	<1	2.01	0.008	0.14	0.1	<0.01	4.1	0.1	<0.05	7	<0.5	<0.2
1124298	Soil	12	32	0.64	502	0.127	1	1.43	0.016	0.27	0.1	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
1124296	Soil	14	35	0.98	489	0.181	<1	1.76	0.009	0.86	<0.1	0.02	4.4	0.4	0.05	6	1.3	<0.2
1102687	Soil	17	62	1.03	826	0.163	1	2.09	0.013	0.61	0.2	0.02	4.8	0.3	<0.05	8	0.6	<0.2
1102689	Soil	8	26	0.69	460	0.174	<1	1.63	0.011	0.51	0.1	<0.01	4.6	0.1	<0.05	7	<0.5	<0.2
1124295	Soil	15	35	0.71	593	0.143	1	1.54	0.013	0.26	0.1	0.01	5.0	0.1	<0.05	5	0.7	<0.2
1124291	Soil	11	48	0.61	258	0.098	<1	1.12	0.006	0.30	<0.1	<0.01	2.7	0.2	0.11	5	1.2	<0.2
1102691	Soil	15	18	1.00	934	0.271	<1	1.90	0.011	0.91	<0.1	<0.01	6.6	0.2	<0.05	8	<0.5	<0.2
1102686	Soil	12	52	1.18	753	0.229	<1	2.14	0.015	1.00	0.1	0.01	10.0	0.2	<0.05	9	0.6	<0.2
1124294	Soil	12	36	0.54	440	0.100	<1	1.20	0.014	0.23	<0.1	<0.01	3.2	0.2	0.09	4	0.7	<0.2
1124297	Soil	15	32	1.07	1038	0.182	1	2.02	0.052	0.63	0.1	0.03	7.7	0.2	0.05	7	0.8	<0.2
1102693	Soil	17	39	1.42	1433	0.349	<1	2.71	0.014	1.25	0.1	<0.01	13.0	0.2	<0.05	12	<0.5	<0.2
1102694	Soil	19	94	1.68	810	0.228	<1	3.08	0.019	1.05	0.1	0.01	9.8	0.5	<0.05	10	0.6	<0.2
1124293	Soil	16	36	0.73	374	0.139	<1	1.44	0.008	0.43	<0.1	<0.01	4.8	0.3	<0.05	5	0.6	<0.2
1124300	Soil	13	39	0.91	669	0.198	<1	1.81	0.010	0.76	0.1	0.02	8.3	0.2	<0.05	7	<0.5	<0.2
1124292	Soil	9	32	0.49	300	0.102	<1	1.39	0.010	0.14	0.1	0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1102690	Soil	7	38	0.63	1104	0.145	<1	1.71	0.010	0.23	<0.1	<0.01	3.6	0.1	<0.05	6	<0.5	<0.2
1124287	Soil	13	24	0.62	385	0.062	2	1.02	0.027	0.05	0.2	0.02	2.7	<0.1	0.05	3	0.9	<0.2
1124279	Soil	11	36	0.59	475	0.116	<1	1.37	0.016	0.15	0.1	0.02	4.0	0.1	<0.05	5	<0.5	<0.2
1124284	Soil	12	54	0.80	303	0.135	<1	1.54	0.018	0.34	0.1	<0.01	3.9	0.2	<0.05	5	<0.5	<0.2
1124289	Soil	10	38	0.79	214	0.181	1	1.70	0.011	0.58	0.1	<0.01	3.6	0.2	<0.05	6	0.6	<0.2
1124280	Soil	11	38	0.86	327	0.164	<1	1.64	0.014	0.52	<0.1	<0.01	3.9	0.3	<0.05	5	<0.5	<0.2
1124282	Soil	14	44	0.70	309	0.145	1	1.89	0.013	0.33	<0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1124283	Soil	11	30	0.49	168	0.086	<1	1.04	0.009	0.18	<0.1	<0.01	2.8	0.1	<0.05	3	<0.5	<0.2
1124290	Soil	13	28	0.69	205	0.107	<1	1.24	0.009	0.33	<0.1	<0.01	2.5	0.2	0.10	4	1.0	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

6 of 12

Part 1

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
1124276	Soil	0.9	39.7	4.7	56	<0.1	35.5	8.3	244	1.88	4.1	0.8	0.9	2.3	20	<0.1	0.3	<0.1	49	0.30	0.033
1124286	Soil	1.0	26.9	7.9	56	0.1	20.6	7.9	267	2.18	9.1	1.0	4.6	3.8	29	0.2	0.6	0.1	43	0.39	0.056
1124285	Soil	0.9	32.5	4.1	47	<0.1	25.4	7.0	208	2.03	3.5	0.6	1.6	2.3	18	0.1	0.3	<0.1	49	0.25	0.042
1124299	Soil	0.9	46.0	4.7	65	<0.1	24.9	9.0	352	2.64	4.6	1.3	1.1	3.4	24	<0.1	0.2	0.1	73	0.30	0.048
1029325	Soil	0.3	35.1	4.3	46	<0.1	16.3	10.2	351	2.42	4.7	0.6	1.4	2.8	19	<0.1	0.2	<0.1	56	0.35	0.065
1124288	Soil	0.8	27.3	8.0	66	0.1	25.3	9.1	344	2.35	8.2	1.6	2.0	3.6	41	0.5	0.6	0.1	51	0.72	0.073
1124278	Soil	1.2	54.4	6.3	69	0.1	49.2	11.1	364	2.39	5.2	1.0	2.5	2.9	25	0.2	0.4	0.1	61	0.38	0.046
1124281	Soil	1.1	46.0	4.5	47	<0.1	24.8	6.4	300	2.00	1.2	1.1	1.0	2.7	12	<0.1	0.2	<0.1	41	0.11	0.018
1029326	Soil	1.2	32.0	10.9	67	<0.1	34.8	10.6	411	3.08	9.3	1.4	4.8	5.9	24	<0.1	0.6	0.2	73	0.17	0.029
1029327	Soil	0.4	38.4	5.2	63	<0.1	15.8	11.5	564	3.05	4.2	0.6	3.8	2.3	25	0.2	0.3	<0.1	75	0.28	0.041
1029329	Soil	0.3	84.0	3.3	68	<0.1	28.8	18.0	789	3.42	2.5	0.4	1.2	2.5	95	0.2	0.1	<0.1	96	0.34	0.083
1029328	Soil	0.6	52.9	6.9	58	0.2	22.7	13.9	663	3.01	5.1	1.0	2.7	2.6	34	0.3	0.3	0.1	73	0.62	0.070
1029330	Soil	0.6	43.0	7.0	61	<0.1	24.7	12.4	500	2.94	7.8	0.9	1.9	3.8	19	<0.1	0.5	0.1	72	0.18	0.024
1029333	Soil	0.8	25.5	9.9	57	0.1	23.5	9.6	427	2.57	9.6	1.0	4.7	3.9	34	<0.1	0.7	0.2	56	0.34	0.062
1029331	Soil	1.0	36.3	10.6	65	<0.1	27.9	11.5	643	3.02	10.5	1.8	3.7	5.2	37	<0.1	0.8	0.2	66	0.27	0.035
1029332	Soil	0.9	24.4	10.9	60	<0.1	22.7	9.6	457	2.63	8.6	1.1	2.8	2.8	23	0.1	0.6	0.2	62	0.20	0.043
1103936	Soil	0.5	29.8	15.7	112	<0.1	42.0	14.1	381	3.54	3.0	1.6	4.3	14.7	25	0.2	0.3	0.3	45	0.78	0.070
1029346	Soil	1.2	39.9	9.1	60	0.4	18.0	5.8	237	2.33	6.3	1.1	4.2	1.8	19	0.3	0.4	0.2	57	0.13	0.034
1064547	Soil	1.4	24.4	8.0	64	0.3	16.9	5.8	267	2.16	4.5	1.5	3.6	4.9	20	0.2	0.3	0.2	47	0.15	0.035
1064550	Soil	0.5	31.9	9.7	130	0.1	48.7	10.3	467	2.44	4.9	1.4	3.8	6.0	35	0.6	0.3	0.2	49	1.24	0.068
1029340	Soil	1.4	15.8	12.1	69	0.8	17.3	8.3	309	2.71	11.4	0.8	4.1	3.6	17	0.4	0.7	0.3	70	0.14	0.044
1029334	Soil	1.2	29.7	10.6	60	<0.1	22.9	9.1	361	2.74	8.5	1.1	3.6	4.2	27	0.1	0.7	0.2	62	0.24	0.040
1064548	Soil	1.0	28.6	9.5	115	0.3	43.5	11.3	451	2.88	3.7	1.3	3.1	7.0	28	0.5	0.2	0.2	55	0.38	0.061
1064549	Soil	1.2	34.7	8.1	222	0.3	82.4	16.3	1415	2.52	4.8	1.4	9.3	3.5	31	1.6	0.4	0.2	58	1.08	0.077
1029341	Soil	1.8	40.5	10.9	107	0.6	33.6	6.5	486	2.80	7.6	0.8	2.2	1.9	23	0.2	0.6	0.3	101	0.11	0.066
1029348	Soil	1.4	40.3	10.0	85	0.2	28.7	11.8	379	2.94	5.7	1.3	3.4	6.2	19	0.2	0.4	0.2	55	0.13	0.042
1064546	Soil	1.6	25.6	8.0	75	0.2	19.9	6.3	233	2.05	4.7	1.3	9.2	3.9	25	0.3	0.3	0.2	44	0.19	0.043
1064543	Soil	1.8	31.0	10.4	87	0.1	24.7	12.3	530	2.67	6.1	1.3	4.9	5.2	19	0.3	0.4	0.2	54	0.14	0.048
1029339	Soil	0.7	58.0	8.9	72	<0.1	29.7	12.5	345	2.87	3.7	0.9	3.5	1.2	17	0.2	0.3	0.2	56	0.15	0.057
1029336	Soil	1.1	35.2	9.5	63	0.1	25.2	9.8	420	2.84	9.0	1.3	3.0	4.9	36	<0.1	0.7	0.2	63	0.33	0.055



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: December 08, 2011

Page: 6 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1124276	Soil	9	40	0.59	289	0.092	<1	1.20	0.017	0.10	<0.1	0.01	3.0	<0.1	<0.05	4	<0.5
1124286	Soil	13	25	0.44	353	0.065	<1	1.13	0.018	0.04	0.2	0.03	2.8	<0.1	<0.05	3	0.6
1124285	Soil	8	39	0.66	286	0.125	<1	1.19	0.015	0.32	0.1	0.01	2.9	<0.1	<0.05	4	<0.5
1124299	Soil	13	28	0.73	852	0.162	<1	1.66	0.018	0.41	0.1	0.02	6.5	0.1	<0.05	6	<0.5
1029325	Soil	13	25	0.71	616	0.127	<1	1.46	0.012	0.24	<0.1	0.01	3.1	<0.1	<0.05	5	<0.5
1124288	Soil	14	26	0.56	345	0.072	2	1.12	0.027	0.07	0.3	0.03	2.8	<0.1	<0.05	3	0.6
1124278	Soil	11	54	0.72	348	0.102	<1	1.45	0.017	0.20	0.1	0.02	3.8	0.1	<0.05	5	<0.5
1124281	Soil	13	30	0.75	162	0.140	<1	1.38	0.007	0.57	<0.1	<0.01	2.8	0.3	0.05	5	<0.5
1029326	Soil	17	51	0.71	307	0.111	2	2.25	0.011	0.08	0.1	0.04	6.0	0.1	<0.05	7	<0.5
1029327	Soil	11	27	0.97	915	0.147	2	1.90	0.015	0.23	<0.1	0.01	5.1	0.1	<0.05	7	<0.5
1029329	Soil	7	44	1.24	558	0.214	<1	2.49	0.020	0.47	<0.1	<0.01	4.5	0.2	<0.05	8	<0.5
1029328	Soil	13	35	0.84	785	0.100	1	1.97	0.018	0.12	<0.1	0.05	5.3	<0.1	<0.05	6	<0.5
1029330	Soil	17	39	0.78	381	0.133	2	2.19	0.016	0.09	0.1	0.03	5.9	<0.1	<0.05	6	<0.5
1029333	Soil	17	31	0.52	399	0.066	2	1.53	0.017	0.06	0.2	0.04	4.6	<0.1	<0.05	5	<0.5
1029331	Soil	19	39	0.57	533	0.084	<1	1.82	0.015	0.08	0.1	0.06	6.6	0.1	<0.05	6	<0.5
1029332	Soil	16	35	0.50	216	0.066	2	1.78	0.017	0.06	0.1	0.03	4.3	<0.1	<0.05	6	<0.5
1103936	Soil	66	39	0.58	333	0.134	2	1.42	0.014	0.51	<0.1	0.02	5.7	0.4	<0.05	6	<0.5
1029346	Soil	12	32	0.48	594	0.075	1	1.41	0.014	0.13	0.1	0.03	2.8	0.1	<0.05	5	<0.5
1064547	Soil	19	21	0.53	855	0.078	<1	1.34	0.010	0.14	0.2	0.03	2.6	0.1	<0.05	5	0.8
1064550	Soil	24	36	0.59	559	0.091	2	1.47	0.020	0.18	0.2	0.05	4.5	0.2	<0.05	5	<0.5
1029340	Soil	12	36	0.41	491	0.065	2	2.44	0.009	0.06	0.2	0.09	3.2	0.1	<0.05	6	0.7
1029334	Soil	17	34	0.57	316	0.084	1	1.73	0.015	0.06	0.1	0.03	4.6	<0.1	<0.05	5	<0.5
1064548	Soil	20	36	0.62	1206	0.144	1	1.76	0.018	0.33	0.2	0.04	4.5	0.3	<0.05	6	<0.5
1064549	Soil	20	35	0.50	922	0.070	2	1.46	0.014	0.06	0.2	0.05	4.5	0.2	<0.05	5	<0.5
1029341	Soil	12	39	0.34	285	0.072	1	1.27	0.012	0.08	0.1	0.03	2.6	<0.1	0.06	8	0.8
1029348	Soil	16	33	0.60	466	0.129	2	1.69	0.011	0.27	0.1	0.02	3.2	0.2	<0.05	6	0.6
1064546	Soil	14	22	0.45	837	0.073	2	1.12	0.009	0.14	0.2	0.03	2.4	0.1	<0.05	4	<0.5
1064543	Soil	15	27	0.53	390	0.097	1	1.46	0.009	0.18	0.1	0.03	2.6	0.1	<0.05	5	<0.5
1029339	Soil	14	30	0.62	246	0.105	1	1.65	0.015	0.35	<0.1	0.03	2.6	0.2	<0.05	6	<0.5
1029336	Soil	18	34	0.60	489	0.091	1	1.68	0.017	0.07	0.1	0.03	5.6	<0.1	<0.05	5	<0.5



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

7 of 12

Part 1

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1064542	Soil	1.8	34.5	11.5	77	0.3	25.5	10.6	497	2.84	7.5	1.5	3.3	3.6	24	0.6	0.4	0.3	60	0.17	0.057
1029347	Soil	2.1	71.9	10.6	108	0.3	23.5	10.4	467	2.92	2.6	1.6	2.0	3.5	24	0.2	0.2	0.2	73	0.08	0.044
1029337	Soil	0.8	31.9	9.8	76	0.1	32.0	12.2	452	3.08	8.8	1.0	3.7	4.4	30	0.2	0.7	0.2	64	0.31	0.072
1029342	Soil	1.2	35.7	10.3	74	0.2	27.9	9.1	356	3.03	9.5	0.8	4.2	3.8	17	0.2	0.7	0.2	68	0.11	0.033
1029349	Soil	1.3	36.6	9.3	93	0.2	31.8	12.1	419	2.69	6.1	1.3	3.5	4.4	18	0.3	0.4	0.2	54	0.14	0.041
1064544	Soil	1.6	34.9	11.8	93	0.3	23.6	11.1	553	2.82	4.2	1.6	3.4	5.8	18	0.4	0.3	0.2	54	0.15	0.049
1029338	Soil	1.3	32.8	9.8	69	<0.1	77.9	15.8	896	3.23	6.6	1.3	2.6	5.0	29	0.2	0.5	0.2	71	0.18	0.038
1029343	Soil	1.3	36.2	8.4	73	0.3	25.0	7.6	338	2.49	6.7	1.1	2.9	3.0	24	0.2	0.6	0.2	62	0.16	0.044
1029350	Soil	1.6	37.7	9.2	94	0.2	30.2	12.0	413	2.74	5.8	1.3	3.9	4.4	18	0.2	0.3	0.2	55	0.13	0.044
1064545	Soil	1.6	27.8	9.4	79	0.2	21.3	8.4	377	2.47	5.0	1.4	7.5	3.6	33	0.4	0.3	0.2	53	0.29	0.057
1107270	Soil	0.8	35.9	10.6	59	<0.1	32.6	11.7	440	2.88	5.4	0.9	2.4	7.5	17	0.1	0.3	0.3	51	0.12	0.016
1107274	Soil	0.9	48.1	6.2	65	0.1	30.0	7.7	153	3.35	0.8	2.1	5.9	4.6	15	<0.1	0.2	0.3	50	0.09	0.034
1107268	Soil	0.5	32.1	14.4	88	<0.1	33.3	13.8	474	3.95	2.4	1.5	2.6	18.1	19	<0.1	0.2	0.4	60	0.18	0.025
1029345	Soil	1.1	28.7	8.3	57	0.2	18.7	6.3	272	2.26	6.4	1.0	3.3	3.0	19	0.2	0.5	0.2	54	0.14	0.037
1107283	Soil	9.5	64.3	7.9	103	0.5	12.6	4.3	401	2.47	1.7	2.8	4.4	5.0	26	0.4	0.2	0.3	169	0.18	0.044
1107273	Soil	1.0	29.6	8.0	51	<0.1	24.6	9.3	243	2.56	8.4	0.8	5.4	3.1	16	0.1	0.5	0.2	56	0.15	0.020
1107269	Soil	0.7	70.6	8.4	103	<0.1	111.5	21.4	612	4.45	4.2	0.9	1.9	5.2	19	<0.1	0.2	0.2	127	0.26	0.041
1107263	Soil	1.3	45.9	8.3	97	<0.1	56.8	13.2	341	3.07	4.2	0.9	2.6	4.0	13	0.1	0.2	0.2	55	0.17	0.047
1107282	Soil	2.2	29.6	7.4	60	<0.1	22.0	6.3	108	3.10	2.5	0.6	1.6	2.5	10	0.3	0.2	0.3	64	0.03	0.062
1107272	Soil	14.5	47.4	13.9	82	1.8	18.2	3.8	158	3.20	4.6	2.0	1.2	2.5	23	0.3	0.9	0.3	91	0.06	0.091
1107271	Soil	1.8	52.6	8.9	99	0.6	12.4	3.7	238	2.78	3.1	2.1	1.1	1.9	18	0.1	0.2	0.4	62	0.15	0.037
1107264	Soil	0.8	48.9	7.4	85	<0.1	174.0	16.4	423	3.43	6.7	0.8	2.3	4.4	23	0.1	0.2	0.2	75	0.25	0.026
1107281	Soil	2.4	28.1	5.8	63	<0.1	5.3	2.0	128	1.36	1.1	0.9	1.4	1.9	11	0.2	0.2	0.2	52	0.02	0.032
1107267	Soil	0.7	47.0	3.8	37	<0.1	25.0	12.5	194	2.16	3.7	0.4	0.9	1.4	10	0.2	0.2	<0.1	52	0.18	0.029
1107266	Soil	1.1	33.7	12.2	83	<0.1	39.5	15.2	700	3.77	4.0	0.8	1.4	6.6	17	0.1	0.2	0.2	77	0.23	0.041
1107265	Soil	0.7	27.6	9.3	52	<0.1	29.2	10.9	303	2.79	8.6	1.1	2.8	7.2	15	<0.1	0.5	0.1	58	0.18	0.023
1107258	Soil	0.8	29.5	8.1	55	<0.1	39.1	9.7	309	2.60	5.9	0.9	1.7	4.3	25	<0.1	0.4	0.1	57	0.27	0.043
1107261	Soil	1.5	80.8	9.0	193	0.2	94.4	19.5	401	3.61	3.4	1.6	3.1	5.8	30	0.2	0.2	0.1	81	0.13	0.039
1107279	Soil	14.7	92.4	8.0	57	0.2	19.7	4.6	169	3.55	3.6	2.9	3.3	3.5	21	0.3	0.6	0.2	59	0.08	0.064
1107275	Soil	9.4	33.6	10.9	68	0.6	17.4	5.9	199	3.17	5.4	4.3	4.1	3.7	15	0.1	0.7	0.4	83	0.12	0.053



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

7 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1064542	Soil	16	30	0.51	669	0.091	1	1.73	0.011	0.19	0.2	0.04	3.2	0.1	<0.05	6	<0.5	<0.2
1029347	Soil	13	45	0.84	886	0.143	<1	1.94	0.015	0.62	<0.1	0.01	3.8	0.3	0.06	7	0.8	<0.2
1029337	Soil	19	37	0.63	447	0.098	1	1.92	0.015	0.14	0.2	0.05	5.2	0.1	<0.05	6	0.7	<0.2
1029342	Soil	11	37	0.49	479	0.068	1	2.19	0.013	0.07	0.1	0.05	3.7	0.1	<0.05	6	<0.5	<0.2
1029349	Soil	15	32	0.54	573	0.110	1	1.65	0.011	0.26	0.1	0.03	3.3	0.2	<0.05	5	<0.5	<0.2
1064544	Soil	19	27	0.60	426	0.132	2	1.66	0.010	0.39	<0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1029338	Soil	20	105	0.69	303	0.084	2	1.89	0.010	0.12	<0.1	0.03	5.8	0.1	<0.05	6	<0.5	<0.2
1029343	Soil	14	34	0.48	947	0.063	2	1.43	0.014	0.07	0.2	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
1029350	Soil	15	32	0.52	556	0.106	1	1.66	0.011	0.26	0.1	0.03	3.3	0.2	<0.05	5	<0.5	<0.2
1064545	Soil	15	27	0.50	661	0.093	2	1.52	0.013	0.17	0.2	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
1107270	Soil	18	42	0.84	291	0.154	1	2.21	0.013	0.50	0.1	0.02	3.5	0.3	<0.05	7	<0.5	<0.2
1107274	Soil	13	38	0.82	466	0.114	<1	1.54	0.019	0.78	<0.1	<0.01	4.2	0.7	0.07	5	0.6	<0.2
1107268	Soil	38	56	1.09	363	0.274	<1	2.88	0.013	1.03	0.1	<0.01	7.4	0.7	<0.05	10	<0.5	<0.2
1029345	Soil	13	29	0.48	618	0.067	<1	1.30	0.011	0.08	0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1107283	Soil	20	52	1.09	434	0.113	1	1.69	0.025	0.69	<0.1	0.02	3.3	0.5	0.27	6	1.7	<0.2
1107273	Soil	15	34	0.52	284	0.062	2	1.76	0.009	0.05	0.1	0.05	4.0	<0.1	<0.05	5	<0.5	<0.2
1107269	Soil	41	154	2.01	623	0.272	1	3.64	0.012	1.26	0.1	<0.01	8.7	0.6	<0.05	12	<0.5	<0.2
1107263	Soil	17	47	0.97	381	0.146	1	1.97	0.010	0.52	0.1	0.01	4.4	0.3	<0.05	6	<0.5	<0.2
1107282	Soil	10	34	0.65	175	0.123	1	1.41	0.014	0.53	<0.1	<0.01	2.5	0.3	<0.05	6	<0.5	<0.2
1107272	Soil	13	28	0.35	473	0.038	1	1.20	0.005	0.14	0.3	0.01	1.6	0.4	0.22	4	5.8	<0.2
1107271	Soil	7	41	1.15	501	0.134	1	1.72	0.012	0.77	<0.1	0.01	3.1	0.8	0.17	6	0.6	<0.2
1107264	Soil	13	219	1.98	777	0.172	<1	3.55	0.032	0.77	0.1	0.01	5.6	0.4	<0.05	10	<0.5	<0.2
1107281	Soil	10	18	0.53	149	0.080	<1	0.90	0.007	0.42	<0.1	<0.01	1.6	0.3	0.06	4	1.3	<0.2
1107267	Soil	7	31	0.49	121	0.069	1	1.10	0.012	0.05	<0.1	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2
1107266	Soil	16	54	1.49	455	0.232	1	3.24	0.017	0.69	<0.1	0.02	5.5	0.4	<0.05	10	<0.5	<0.2
1107265	Soil	19	43	0.65	292	0.103	2	2.39	0.014	0.12	0.1	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1107258	Soil	18	72	0.77	335	0.111	2	1.87	0.013	0.13	0.1	0.02	4.1	0.1	<0.05	6	<0.5	<0.2
1107261	Soil	23	70	1.21	542	0.186	<1	2.65	0.014	0.71	<0.1	0.02	5.0	0.5	0.11	8	<0.5	<0.2
1107279	Soil	12	31	0.50	191	0.045	1	1.52	0.009	0.07	0.1	0.01	2.3	0.2	0.09	4	2.0	<0.2
1107275	Soil	13	36	0.37	240	0.059	1	1.31	0.008	0.08	0.2	0.03	4.2	0.1	<0.05	4	1.2	0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

8 of 12 Part 1

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1107257	Soil	1.0	44.1	6.6	56	<0.1	23.6	10.3	324	2.77	5.5	1.0	2.2	3.7	16	<0.1	0.3	0.1	76	0.20
1107262	Soil	1.4	50.7	8.3	117	0.2	50.8	10.5	311	3.19	3.0	1.2	2.7	6.3	17	0.1	0.3	0.2	67	0.11
1107280	Soil	5.2	118.6	8.7	277	<0.1	54.9	8.3	377	2.50	2.0	1.8	7.5	3.0	14	0.6	0.3	0.2	130	0.09
1107276	Soil	5.4	28.3	9.7	56	1.2	14.3	5.0	177	2.53	5.2	1.1	3.2	2.2	18	0.4	0.4	0.2	98	0.07
1107256	Soil	1.0	66.8	10.4	107	<0.1	57.6	16.5	750	3.59	5.4	1.2	2.2	6.5	17	<0.1	0.3	0.2	75	0.24
1107260	Soil	3.6	60.7	7.8	65	0.2	15.6	4.1	177	2.17	2.8	1.9	5.3	3.0	19	0.2	0.3	0.1	70	0.08
1107251	Soil	1.8	45.8	11.1	65	0.4	22.6	8.6	325	2.95	7.0	1.6	3.0	4.4	19	0.2	0.5	0.2	74	0.11
1107277	Soil	7.9	106.8	13.6	93	0.7	30.0	7.3	522	2.57	3.8	4.2	6.2	4.8	15	1.2	0.4	0.3	296	0.11
1107255	Soil	0.6	54.5	7.6	88	<0.1	67.9	15.1	569	3.50	5.3	0.8	1.6	3.5	21	0.1	0.3	0.1	87	0.27
1107259	Soil	1.1	52.9	8.8	103	0.1	102.3	16.2	576	3.25	6.7	1.3	2.0	6.7	41	0.1	0.2	0.2	71	0.21
1107252	Soil	1.9	51.5	6.8	78	0.3	17.0	6.4	313	2.85	4.1	1.1	1.9	3.7	23	0.2	0.3	0.2	69	0.12
1107278	Soil	4.2	90.8	8.0	221	0.4	32.1	8.2	494	3.65	1.4	2.3	4.5	4.7	27	0.5	0.1	0.1	146	0.21
1107262	Soil	0.5	20.4	6.9	51	0.3	25.5	7.3	159	2.31	2.4	1.3	2.0	4.8	14	0.1	<0.1	0.1	44	0.19
1107257	Soil	1.0	40.5	7.4	51	0.2	33.9	10.9	159	2.93	3.6	1.0	2.3	2.3	13	0.1	0.1	0.2	66	0.16
1107259	Soil	0.8	32.6	6.9	40	0.2	35.9	9.2	99	2.69	2.0	1.0	1.7	2.8	10	<0.1	<0.1	0.2	61	0.15
1107254	Soil	1.4	29.5	7.2	46	0.2	14.0	4.7	222	1.84	3.7	0.8	2.5	2.9	14	0.1	0.3	0.1	44	0.07
1107263	Soil	0.5	26.0	8.8	51	0.2	27.8	7.7	120	2.44	2.7	1.1	1.8	2.9	11	<0.1	0.1	0.2	55	0.16
1107255	Soil	1.2	50.9	8.7	64	0.2	37.6	11.4	188	3.09	5.4	0.9	2.9	1.9	15	0.1	0.2	0.2	67	0.19
1107258	Soil	1.0	53.4	8.6	54	0.2	39.0	10.3	118	2.97	3.3	1.2	2.9	1.4	16	0.1	0.2	0.2	63	0.16
1107253	Soil	1.4	32.5	9.4	49	0.2	18.7	7.8	255	2.60	6.9	0.9	2.4	3.0	13	0.2	0.5	0.2	56	0.11
1107264	Soil	0.9	31.7	9.7	50	0.1	28.4	8.0	144	2.53	2.7	0.9	2.0	1.6	13	<0.1	0.2	0.3	56	0.13
1107253	Soil	0.5	32.0	7.8	84	<0.1	102.1	15.7	324	3.23	1.1	0.7	1.5	4.1	9	<0.1	0.1	0.3	109	0.18
1107256	Soil	1.3	39.3	8.7	55	<0.1	35.6	10.4	222	2.71	3.3	0.7	3.3	2.1	12	<0.1	0.2	0.3	64	0.11
1107251	Soil	0.9	62.7	7.6	71	<0.1	56.7	11.1	219	3.04	6.8	0.8	3.0	2.3	17	<0.1	0.2	0.2	71	0.13
1107265	Soil	0.8	23.5	9.7	56	<0.1	28.4	8.8	189	2.72	3.2	0.6	2.3	2.4	11	<0.1	0.2	0.3	58	0.13
1107252	Soil	0.8	38.5	10.0	62	0.2	33.0	9.0	138	2.94	4.4	1.0	3.4	1.8	14	<0.1	0.2	0.3	66	0.14
1107254	Soil	1.1	41.3	9.9	61	0.1	36.4	12.8	309	2.91	3.7	0.8	2.6	1.9	14	0.1	0.3	0.3	63	0.13
1107260	Soil	0.8	25.5	9.0	66	0.1	30.3	11.5	322	2.71	4.5	0.8	2.9	3.8	13	0.2	0.2	0.2	55	0.12
1107279	Soil	2.0	52.6	10.6	95	<0.1	50.8	12.6	230	3.54	<0.5	1.0	3.2	3.2	13	0.1	<0.1	0.3	70	0.10
1107276	Soil	0.7	32.9	8.7	64	<0.1	28.1	9.6	189	2.62	3.6	0.9	3.4	3.3	20	0.1	0.3	0.2	51	0.19



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

8 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1107257	Soil	18	34	0.69	458	0.121	1	1.77	0.010	0.16	0.1	0.03	5.9	0.1	<0.05	6	<0.5	<0.2
1107262	Soil	24	60	1.00	417	0.183	<1	2.16	0.014	0.70	<0.1	0.01	4.7	0.4	0.09	7	<0.5	<0.2
1107280	Soil	15	48	1.26	410	0.122	1	2.24	0.008	0.63	<0.1	0.01	4.1	0.5	<0.05	7	2.2	<0.2
1107276	Soil	11	31	0.36	264	0.056	1	1.31	0.006	0.11	0.1	0.03	1.7	0.2	0.16	5	2.9	<0.2
1107256	Soil	39	62	1.37	659	0.231	<1	2.67	0.010	0.84	<0.1	0.01	5.6	0.5	<0.05	9	<0.5	<0.2
1107260	Soil	16	32	0.58	170	0.070	<1	1.32	0.010	0.17	<0.1	0.01	2.2	0.2	0.14	4	1.4	<0.2
1107251	Soil	15	39	0.73	498	0.105	2	2.30	0.013	0.17	0.1	0.04	3.3	0.2	0.09	6	<0.5	<0.2
1107277	Soil	16	65	1.00	492	0.090	2	1.83	0.011	0.44	0.1	<0.01	4.2	0.6	0.20	7	7.6	<0.2
1107255	Soil	21	69	1.22	636	0.172	2	2.29	0.012	0.43	<0.1	0.02	7.1	0.3	<0.05	8	<0.5	<0.2
1107259	Soil	22	109	1.43	800	0.197	1	3.19	0.023	0.72	0.1	0.02	5.8	0.3	0.07	9	<0.5	<0.2
1107252	Soil	16	41	0.96	801	0.147	<1	2.11	0.023	0.44	<0.1	0.02	3.8	0.2	0.19	6	0.6	<0.2
1107278	Soil	27	72	1.39	908	0.239	1	2.32	0.014	1.17	<0.1	<0.01	6.0	0.5	0.23	8	0.9	<0.2
1107262	Soil	22	33	0.59	242	0.140	<1	1.64	0.010	0.43	0.1	0.03	3.0	0.3	0.07	5	<0.5	<0.2
1107257	Soil	13	40	0.65	237	0.139	1	1.83	0.013	0.39	<0.1	0.03	2.8	0.3	0.10	6	<0.5	<0.2
1107259	Soil	14	47	0.77	247	0.146	<1	1.79	0.016	0.61	0.1	0.02	3.2	0.4	0.09	6	<0.5	<0.2
1107254	Soil	12	26	0.49	155	0.066	<1	1.24	0.008	0.12	<0.1	0.02	1.8	0.1	0.07	5	<0.5	<0.2
1107263	Soil	16	40	0.64	158	0.138	<1	1.79	0.010	0.41	0.1	0.03	2.8	0.3	0.10	6	<0.5	<0.2
1107255	Soil	14	40	0.65	218	0.117	1	1.96	0.013	0.29	<0.1	0.04	3.0	0.3	0.11	6	<0.5	<0.2
1107258	Soil	13	40	0.60	240	0.116	1	1.87	0.013	0.35	0.1	0.04	3.3	0.3	0.11	6	<0.5	<0.2
1107253	Soil	13	31	0.45	161	0.063	1	1.74	0.009	0.08	0.1	0.02	2.2	0.1	0.10	5	<0.5	<0.2
1107264	Soil	10	38	0.62	174	0.140	1	1.61	0.011	0.42	0.1	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1107253	Soil	11	132	1.40	434	0.245	1	2.34	0.026	1.12	0.1	<0.01	7.3	0.4	<0.05	9	<0.5	<0.2
1107256	Soil	8	41	0.63	186	0.156	2	1.49	0.014	0.42	0.1	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
1107251	Soil	9	75	0.89	258	0.172	1	1.81	0.012	0.54	0.1	0.01	3.6	0.3	<0.05	7	<0.5	<0.2
1107265	Soil	9	36	0.62	148	0.132	1	1.52	0.009	0.37	0.1	0.01	2.6	0.3	<0.05	5	<0.5	<0.2
1107252	Soil	8	42	0.70	200	0.139	<1	1.84	0.011	0.42	0.1	0.03	3.1	0.3	<0.05	6	<0.5	<0.2
1107254	Soil	9	39	0.63	204	0.135	1	1.67	0.015	0.38	0.1	0.01	2.7	0.3	<0.05	6	<0.5	<0.2
1107260	Soil	11	34	0.54	175	0.131	1	1.69	0.009	0.26	0.2	0.02	2.8	0.2	<0.05	5	<0.5	<0.2
1107279	Soil	10	47	0.76	233	0.201	<1	1.79	0.013	0.88	<0.1	<0.01	4.0	0.5	<0.05	6	<0.5	<0.2
1107276	Soil	10	32	0.59	265	0.126	1	1.49	0.014	0.32	0.2	0.02	3.4	0.2	<0.05	4	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

9 of 12

Part 1

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte	Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
			ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1102770	Soil		1.0	25.8	8.9	52	<0.1	23.6	8.3	189	2.61	3.4	0.9	4.0	2.1	15	<0.1	0.3	0.2	51	0.14
1102767	Soil		1.0	26.2	8.9	56	<0.1	26.7	8.2	152	2.62	2.6	0.7	3.6	2.1	12	0.1	0.1	0.3	56	0.12
1102778	Soil		1.8	55.5	11.1	88	<0.1	50.7	13.2	123	3.40	<0.5	1.5	7.3	3.3	21	<0.1	0.1	0.3	70	0.15
1102777	Soil		0.7	22.8	10.5	60	<0.1	23.1	7.9	171	2.49	5.1	0.9	2.4	2.7	20	0.1	0.4	0.2	52	0.19
1102771	Soil		1.1	30.7	9.8	47	<0.1	25.6	8.3	222	2.59	2.5	0.9	3.5	1.6	12	<0.1	0.2	0.3	54	0.12
1102766	Soil		0.5	23.8	10.1	51	<0.1	23.6	7.0	119	2.32	3.2	1.0	2.4	1.7	13	0.1	0.2	0.2	49	0.12
1102780	Soil		0.8	18.8	8.5	53	<0.1	20.4	7.9	323	2.07	5.0	0.7	2.6	2.5	34	0.1	0.5	0.2	42	0.45
1102775	Soil		0.7	27.2	9.4	54	0.1	23.5	8.5	167	2.55	4.2	0.9	3.6	2.2	18	0.1	0.3	0.2	54	0.18
1102772	Soil		1.0	27.4	10.2	51	<0.1	24.3	8.6	215	2.70	4.1	0.9	4.0	2.4	14	<0.1	0.3	0.2	57	0.15
1102769	Soil		0.7	22.1	10.8	54	<0.1	23.4	7.2	122	2.36	3.0	0.9	2.0	1.6	12	<0.1	0.2	0.3	48	0.11
1102781	Soil		0.8	28.0	9.2	61	<0.1	29.0	11.2	262	2.92	5.2	0.5	1.9	3.2	16	0.1	0.5	0.2	60	0.16
1102774	Soil		0.6	22.0	8.7	44	0.1	19.0	6.4	131	2.12	2.9	0.8	9.1	1.3	16	<0.1	0.3	0.2	41	0.13
1102773	Soil		0.8	22.8	9.0	51	<0.1	21.3	8.0	238	2.54	4.4	0.8	3.5	2.6	14	<0.1	0.3	0.2	54	0.16
1102768	Soil		0.8	26.8	9.4	57	<0.1	27.1	9.2	218	2.65	2.3	0.8	3.3	2.4	11	<0.1	0.2	0.2	55	0.13
1259052	Soil		1.0	29.5	10.5	75	0.2	30.1	9.0	375	2.66	2.4	0.8	2.8	5.1	18	0.1	0.3	0.2	59	0.14
1259049	Soil		0.8	24.7	10.2	76	<0.1	25.3	9.5	195	2.79	3.4	0.8	26.8	5.4	17	<0.1	0.3	0.2	53	0.17
1259040	Soil		0.8	28.8	7.9	54	<0.1	28.2	9.1	210	2.62	3.3	0.8	5.6	3.7	21	<0.1	0.3	0.2	52	0.21
1102761	Soil		0.8	35.2	10.2	56	0.4	20.8	5.8	311	1.90	1.9	1.0	1.3	0.4	18	0.4	0.2	0.2	40	0.15
1259048	Soil		1.1	14.1	9.4	34	<0.1	13.1	3.4	179	1.70	2.4	0.5	5.1	2.1	18	<0.1	0.2	0.2	55	0.11
1259050	Soil		0.9	30.2	9.2	80	<0.1	32.1	8.4	362	2.55	2.2	1.0	6.0	5.2	29	<0.1	0.3	0.2	61	0.20
1259061	Soil		1.1	28.6	11.5	71	0.2	26.2	9.8	413	2.43	9.5	1.0	3.9	3.8	59	0.3	1.0	0.2	46	1.05
1259046	Soil		0.6	33.9	10.4	80	<0.1	33.7	9.5	374	2.97	4.4	0.8	2.5	5.0	16	0.1	0.3	0.2	64	0.12
1259056	Soil		0.7	17.0	7.6	57	0.1	19.0	6.8	319	2.17	3.8	0.9	2.5	4.2	28	<0.1	0.2	0.2	47	0.35
1259051	Soil		0.8	25.3	8.9	70	0.1	25.8	9.0	291	2.69	3.9	0.8	1.4	4.6	19	<0.1	0.3	0.2	57	0.15
1259058	Soil		0.8	16.3	8.8	62	0.2	16.3	6.0	267	2.10	3.7	0.7	5.2	3.8	23	<0.1	0.2	0.1	47	0.25
1259045	Soil		0.8	30.0	9.7	73	<0.1	47.8	10.4	391	2.84	6.4	0.9	2.6	4.6	15	0.2	0.3	0.2	64	0.13
1259057	Soil		0.8	22.5	8.5	72	0.2	20.9	7.9	357	2.51	4.5	1.0	3.0	4.6	24	<0.1	0.3	0.2	56	0.34
1259053	Soil		0.8	22.5	8.4	66	0.1	23.4	7.8	263	2.59	4.6	0.6	2.5	3.7	12	<0.1	0.3	0.2	61	0.11
1259059	Soil		0.9	22.1	9.4	64	0.3	21.8	7.4	272	2.46	5.5	1.0	4.6	4.3	22	<0.1	0.3	0.2	53	0.38
1259041	Soil		0.7	42.4	7.0	63	<0.1	37.4	12.2	210	3.26	3.9	0.6	3.9	2.9	17	<0.1	0.3	0.2	70	0.22



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

9 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1102770	Soil	10	30	0.53	177	0.102	1	1.44	0.010	0.27	0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
1102767	Soil	9	35	0.59	153	0.128	<1	1.52	0.010	0.35	0.1	0.01	2.5	0.3	<0.05	5	<0.5	<0.2
1102778	Soil	10	47	0.80	295	0.207	<1	1.88	0.014	0.86	<0.1	<0.01	4.9	0.5	<0.05	6	0.8	<0.2
1102777	Soil	12	29	0.51	231	0.087	1	1.42	0.012	0.16	0.2	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1102771	Soil	9	33	0.56	198	0.105	1	1.43	0.013	0.36	0.1	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
1102766	Soil	11	31	0.51	154	0.094	<1	1.47	0.008	0.25	0.1	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1102780	Soil	11	26	0.48	265	0.066	2	1.19	0.017	0.10	0.2	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
1102775	Soil	11	31	0.53	219	0.104	1	1.40	0.012	0.22	0.2	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1102772	Soil	10	32	0.57	176	0.113	1	1.59	0.012	0.27	0.2	0.01	2.8	0.2	<0.05	5	<0.5	<0.2
1102769	Soil	11	32	0.53	140	0.094	<1	1.50	0.009	0.24	0.1	0.03	2.4	0.2	<0.05	5	<0.5	<0.2
1102781	Soil	9	38	0.65	164	0.120	<1	1.69	0.014	0.23	0.1	<0.01	3.0	0.2	<0.05	5	<0.5	<0.2
1102774	Soil	10	27	0.50	166	0.078	<1	1.25	0.011	0.17	0.2	0.04	2.4	0.1	<0.05	4	<0.5	<0.2
1102773	Soil	11	30	0.50	157	0.103	2	1.35	0.011	0.24	0.2	0.02	2.5	0.1	<0.05	5	0.5	<0.2
1102768	Soil	10	35	0.57	171	0.119	<1	1.45	0.011	0.38	0.1	0.01	2.6	0.2	<0.05	5	0.6	<0.2
1259052	Soil	12	37	0.70	320	0.148	1	1.87	0.009	0.33	0.1	0.01	4.0	0.3	<0.05	6	<0.5	<0.2
1259049	Soil	14	31	0.57	207	0.135	1	1.76	0.009	0.34	0.1	0.01	3.0	0.3	<0.05	6	<0.5	<0.2
1259040	Soil	11	35	0.62	275	0.119	<1	1.55	0.012	0.31	0.2	0.02	3.6	0.2	<0.05	5	<0.5	<0.2
1102761	Soil	11	22	0.35	199	0.054	1	1.01	0.012	0.19	<0.1	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1259048	Soil	8	22	0.34	106	0.115	<1	0.97	0.008	0.09	0.2	0.01	2.2	<0.1	<0.05	7	<0.5	<0.2
1259050	Soil	16	44	0.79	423	0.146	<1	1.98	0.012	0.30	0.1	0.01	4.8	0.3	<0.05	6	0.8	<0.2
1259061	Soil	13	26	0.68	391	0.062	2	1.22	0.039	0.06	0.2	0.03	3.4	<0.1	<0.05	4	0.6	<0.2
1259046	Soil	13	42	0.76	331	0.162	1	2.13	0.010	0.46	0.1	<0.01	4.2	0.3	<0.05	6	<0.5	<0.2
1259056	Soil	13	29	0.50	275	0.106	1	1.47	0.014	0.12	0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1259051	Soil	11	34	0.59	278	0.134	<1	1.76	0.010	0.34	0.2	0.01	3.9	0.2	<0.05	6	<0.5	<0.2
1259058	Soil	11	27	0.54	201	0.104	<1	1.32	0.012	0.11	0.1	0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
1259045	Soil	15	60	0.82	246	0.105	<1	1.91	0.012	0.28	0.1	0.02	5.1	0.3	<0.05	6	<0.5	<0.2
1259057	Soil	16	32	0.58	291	0.127	1	1.67	0.012	0.17	0.2	0.02	4.1	0.2	<0.05	5	<0.5	<0.2
1259053	Soil	10	35	0.62	227	0.125	<1	1.76	0.008	0.18	0.1	<0.01	3.3	0.2	<0.05	5	<0.5	<0.2
1259059	Soil	15	31	0.51	242	0.111	1	1.62	0.012	0.14	0.2	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
1259041	Soil	10	45	0.85	314	0.168	<1	1.94	0.011	0.56	0.1	0.02	4.1	0.4	<0.05	6	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

10 of 12 Part 1

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1259042	Soil																							
1259065	Soil																							
1259064	Soil																							
1259047	Soil																							
1259044	Soil																							
1259038	Soil																							
1259062	Soil																							
1259054	Soil																							
1259036	Soil																							
1259039	Soil																							
1259063	Soil																							
1259055	Soil																							
1259035	Soil																							
1259043	Soil																							
1259066	Soil																							
1259060	Soil																							
1259001	Soil																							
1259006	Soil																							
1259015	Soil																							
1259034	Soil																							
1259003	Soil																							
1259009	Soil																							
1259011	Soil																							
1259033	Soil																							
1259005	Soil																							
1259010	Soil																							
1259008	Soil																							
1259037	Soil																							
1259031	Soil																							
1259002	Soil																							



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: December 08, 2011

Page: 10 of 12 **Part** 2

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1259042	Soil	9	38	0.71	221	0.135	<1	1.83	0.010	0.50	0.1	0.02	2.7	0.4	<0.05	6	<0.5	<0.2
1259065	Soil	14	32	0.63	324	0.071	2	1.22	0.026	0.07	0.3	0.04	3.6	<0.1	<0.05	4	0.7	<0.2
1259064	Soil	12	22	0.41	253	0.055	<1	1.14	0.016	0.04	0.4	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1259047	Soil	12	46	0.70	184	0.072	<1	2.34	0.034	0.09	0.1	0.03	9.2	0.3	<0.05	7	0.8	<0.2
1259044	Soil	12	31	0.46	147	0.082	<1	1.48	0.009	0.12	0.1	0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1259038	Soil	13	36	0.69	266	0.115	<1	1.62	0.011	0.16	0.1	0.03	4.0	0.2	<0.05	5	<0.5	<0.2
1259062	Soil	13	25	0.62	374	0.062	2	1.23	0.023	0.05	0.2	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1259054	Soil	17	41	0.71	267	0.133	<1	1.83	0.019	0.28	0.1	0.02	5.5	0.3	<0.05	6	0.5	<0.2
1259036	Soil	12	42	0.75	243	0.143	<1	1.91	0.011	0.32	0.1	0.01	3.7	0.3	<0.05	6	<0.5	<0.2
1259039	Soil	12	45	0.80	292	0.160	<1	1.87	0.010	0.54	<0.1	0.01	3.8	0.4	<0.05	6	<0.5	<0.2
1259063	Soil	14	26	0.49	362	0.063	1	1.33	0.022	0.05	0.3	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
1259055	Soil	14	31	0.48	248	0.095	1	1.56	0.011	0.06	0.2	0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1259035	Soil	14	43	0.76	304	0.137	<1	1.99	0.012	0.29	<0.1	0.02	5.2	0.3	<0.05	6	<0.5	<0.2
1259043	Soil	13	36	0.58	183	0.092	<1	1.78	0.009	0.22	0.1	0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1259066	Soil	14	24	0.41	261	0.067	1	1.25	0.016	0.05	0.3	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
1259060	Soil	15	28	0.52	273	0.109	<1	1.63	0.013	0.16	0.2	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1259001	Soil	13	32	0.39	833	0.060	1	1.53	0.008	0.05	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1259006	Soil	13	90	1.04	567	0.135	<1	2.13	0.009	0.34	<0.1	0.01	6.8	0.2	<0.05	7	<0.5	<0.2
1259015	Soil	9	113	1.54	8173	0.133	<1	2.54	0.020	0.14	<0.1	0.02	8.0	0.3	<0.05	7	<0.5	<0.2
1259034	Soil	10	46	0.72	168	0.175	<1	2.10	0.010	0.41	0.1	<0.01	3.3	0.3	<0.05	8	<0.5	<0.2
1259003	Soil	13	35	0.46	164	0.078	2	1.72	0.007	0.09	<0.1	0.02	2.8	0.1	<0.05	6	0.6	<0.2
1259009	Soil	11	36	0.56	529	0.114	<1	1.40	0.008	0.28	<0.1	<0.01	3.1	0.2	<0.05	5	0.7	<0.2
1259011	Soil	13	53	0.80	1222	0.111	<1	1.54	0.011	0.30	0.1	0.02	4.2	0.3	0.06	5	1.3	<0.2
1259033	Soil	11	43	0.72	251	0.125	<1	1.99	0.011	0.34	<0.1	0.01	3.4	0.2	<0.05	6	<0.5	<0.2
1259005	Soil	15	31	0.45	592	0.075	2	1.32	0.008	0.09	<0.1	0.01	3.5	0.1	<0.05	4	<0.5	<0.2
1259010	Soil	13	42	0.68	571	0.113	<1	1.62	0.012	0.27	0.1	<0.01	3.3	0.2	<0.05	6	0.6	<0.2
1259008	Soil	14	36	0.50	396	0.078	<1	1.99	0.008	0.12	0.2	0.04	4.0	0.2	<0.05	6	<0.5	<0.2
1259037	Soil	13	37	0.62	190	0.122	<1	1.72	0.009	0.23	0.2	0.01	3.3	0.2	<0.05	6	0.5	<0.2
1259031	Soil	14	39	0.57	291	0.097	1	2.33	0.007	0.19	0.1	0.04	3.8	0.2	<0.05	6	0.6	<0.2
1259002	Soil	13	37	0.40	199	0.065	<1	1.68	0.008	0.06	<0.1	0.03	3.1	0.1	<0.05	6	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

11 of 12 Part 1

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1259007	Soil	1.7	19.3	11.2	49	<0.1	17.3	7.3	271	2.94	9.5	0.7	2.2	2.2	12	0.2	0.4	0.2	68	0.11	0.035
1259004	Soil	1.4	28.4	10.4	74	<0.1	31.6	10.7	369	2.86	8.6	0.9	3.3	3.0	16	0.2	0.4	0.2	68	0.17	0.039
1259013	Soil	1.4	30.6	8.4	59	<0.1	33.7	9.3	309	2.47	8.3	0.9	0.6	2.3	15	0.1	0.5	0.2	63	0.12	0.030
1259018	Soil	0.6	50.0	9.1	85	<0.1	110.6	20.1	355	3.44	5.7	0.7	<0.5	4.9	21	<0.1	0.2	0.2	119	0.23	0.052
1259030	Soil	0.8	20.6	8.8	57	<0.1	21.6	9.2	190	2.65	6.4	0.9	2.9	3.9	25	<0.1	0.3	0.2	58	0.11	0.033
1259027	Soil	1.1	22.9	11.1	69	<0.1	27.1	12.9	347	3.24	6.7	1.0	2.2	5.5	12	0.1	0.4	0.2	64	0.10	0.036
1259016	Soil	1.0	41.7	3.0	126	<0.1	11.5	27.8	361	4.94	2.5	0.4	<0.5	1.1	8	0.1	0.1	<0.1	56	0.53	0.238
1259024	Soil	1.2	26.1	10.2	64	0.1	24.8	12.4	399	2.93	8.0	1.6	1.8	4.9	22	0.1	0.5	0.2	60	0.17	0.059
1259032	Soil	0.8	25.1	8.3	46	<0.1	25.0	9.9	255	2.53	6.7	0.8	2.4	2.8	23	<0.1	0.4	0.2	57	0.20	0.058
1259029	Soil	0.8	26.3	9.2	80	<0.1	27.0	10.9	249	2.80	4.6	0.9	5.8	5.7	18	<0.1	0.3	0.2	63	0.12	0.037
1259021	Soil	0.9	49.6	9.3	58	0.1	75.4	13.9	244	3.09	5.2	0.8	1.7	3.2	15	<0.1	0.2	0.3	86	0.17	0.052
1259020	Soil	1.1	34.3	8.8	65	<0.1	56.4	13.7	268	3.17	5.2	0.6	<0.5	2.8	11	<0.1	0.3	0.2	84	0.14	0.043
1259014	Soil	1.4	13.3	10.2	51	<0.1	21.5	6.1	265	3.03	9.4	0.4	<0.5	1.1	10	0.2	0.5	0.2	77	0.09	0.043
1259026	Soil	1.0	17.6	10.7	48	<0.1	19.3	10.4	313	2.96	6.1	0.7	0.5	3.1	17	0.1	0.4	0.2	61	0.11	0.034
1259023	Soil	0.9	13.8	10.1	42	<0.1	16.7	6.9	213	2.44	3.4	0.7	1.4	1.9	9	<0.1	0.3	0.2	59	0.09	0.036
1259022	Soil	0.9	21.6	8.5	50	<0.1	25.5	8.0	198	2.79	5.1	0.7	<0.5	2.6	11	<0.1	0.4	0.2	63	0.11	0.031
1259017	Soil	0.9	25.2	7.5	40	<0.1	29.8	8.1	256	2.26	7.8	0.4	<0.5	2.3	11	<0.1	0.4	0.2	60	0.13	0.027
1259028	Soil	1.1	26.0	10.0	75	<0.1	24.8	10.7	335	3.15	5.2	0.9	1.0	5.3	21	<0.1	0.4	0.2	64	0.11	0.037
1124157	Soil	1.5	45.4	8.1	90	0.2	30.7	10.2	372	2.82	3.8	2.0	1.7	3.8	46	0.1	0.4	0.2	87	0.21	0.037
1124159	Soil	0.8	33.6	6.6	63	<0.1	37.2	10.1	643	2.50	4.1	1.0	<0.5	4.1	23	0.1	0.4	0.1	72	0.29	0.029
1124153	Soil	0.8	38.5	12.1	83	0.1	67.3	13.6	537	3.06	5.4	1.2	3.5	8.5	38	<0.1	0.2	0.2	98	0.21	0.029
1259012	Soil	2.1	45.0	9.4	62	0.2	49.3	7.8	285	2.60	5.5	1.7	<0.5	3.7	24	0.2	0.4	0.3	76	0.19	0.043
1124158	Soil	1.2	34.4	7.2	93	<0.1	136.8	15.7	468	2.52	8.2	1.3	0.6	4.8	38	0.3	0.3	0.2	71	0.33	0.046
1124152	Soil	1.1	33.6	12.3	83	<0.1	38.9	12.7	354	3.58	3.2	1.4	2.4	9.7	28	<0.1	0.2	0.2	62	0.17	0.024
1124161	Soil	1.0	41.3	7.1	84	0.1	36.1	11.6	619	3.21	4.8	1.1	1.1	4.0	40	0.1	0.4	0.1	100	0.49	0.039
1259025	Soil	0.7	16.6	8.7	44	<0.1	15.6	7.0	180	2.43	4.8	0.8	<0.5	2.5	26	<0.1	0.3	0.2	61	0.14	0.049
1124156	Soil	2.5	62.8	8.1	148	0.2	41.8	10.5	322	2.83	3.4	1.9	11.3	4.0	41	0.3	0.3	0.2	132	0.29	0.069
1124154	Soil	3.0	73.1	9.4	145	0.7	34.7	9.4	329	4.19	1.2	2.5	<0.5	1.5	85	0.6	0.2	0.4	95	0.19	0.062
1124162	Soil	0.7	43.7	5.8	87	<0.1	34.8	10.4	596	2.80	3.2	0.9	0.6	3.4	47	<0.1	0.3	0.1	85	0.40	0.034
1259019	Soil	0.9	27.0	9.4	72	<0.1	50.0	10.0	242	3.64	5.1	0.7	<0.5	2.8	9	<0.1	0.3	0.3	91	0.10	0.045



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

11 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1259007	Soil	13	34	0.42	271	0.062	1	1.93	0.007	0.05	0.1	0.04	3.1	0.1	<0.05	7	0.6	<0.2
1259004	Soil	14	49	0.57	364	0.071	1	1.98	0.007	0.08	0.1	0.03	4.2	0.1	<0.05	6	<0.5	<0.2
1259013	Soil	10	40	0.61	934	0.062	1	1.50	0.009	0.05	0.1	<0.01	2.6	<0.1	0.09	5	1.1	<0.2
1259018	Soil	14	126	1.49	1401	0.153	1	2.68	0.022	0.57	<0.1	<0.01	6.5	0.3	<0.05	9	<0.5	<0.2
1259030	Soil	13	28	0.69	274	0.107	2	1.81	0.009	0.28	<0.1	0.02	2.7	0.3	0.06	5	0.7	<0.2
1259027	Soil	14	36	0.66	226	0.087	2	2.40	0.009	0.17	0.1	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1259016	Soil	6	8	1.17	1682	0.225	2	2.54	0.013	0.93	<0.1	0.01	7.1	0.1	<0.05	13	<0.5	<0.2
1259024	Soil	19	34	0.67	228	0.079	3	2.01	0.011	0.14	0.1	0.03	4.2	0.2	<0.05	5	<0.5	<0.2
1259032	Soil	14	27	0.61	214	0.080	2	1.59	0.010	0.16	0.1	0.01	2.7	0.1	<0.05	5	0.6	<0.2
1259029	Soil	15	32	0.77	189	0.120	<1	2.03	0.009	0.35	<0.1	0.02	2.4	0.3	<0.05	5	<0.5	<0.2
1259021	Soil	12	100	1.15	308	0.172	1	2.18	0.016	0.52	<0.1	<0.01	3.8	0.4	<0.05	7	0.5	<0.2
1259020	Soil	9	74	0.96	291	0.165	2	2.26	0.014	0.46	0.1	0.01	3.7	0.3	<0.05	7	0.5	<0.2
1259014	Soil	8	32	0.42	360	0.059	1	1.50	0.006	0.05	0.2	0.04	1.7	<0.1	<0.05	7	<0.5	<0.2
1259026	Soil	11	31	0.63	226	0.076	2	1.93	0.010	0.12	0.1	0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1259023	Soil	14	24	0.49	129	0.088	2	1.37	0.007	0.21	<0.1	0.01	1.8	0.2	<0.05	6	0.5	<0.2
1259022	Soil	11	36	0.66	154	0.099	<1	1.68	0.008	0.21	<0.1	<0.01	2.4	0.2	<0.05	6	<0.5	<0.2
1259017	Soil	8	38	0.61	272	0.061	1	1.61	0.011	0.05	0.1	<0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
1259028	Soil	19	35	0.81	277	0.137	<1	2.13	0.011	0.34	0.1	<0.01	2.9	0.4	<0.05	6	<0.5	<0.2
1124157	Soil	15	48	0.99	417	0.123	2	2.02	0.021	0.18	0.1	0.01	4.1	0.2	0.11	6	1.3	<0.2
1124159	Soil	14	53	0.96	346	0.118	1	1.96	0.013	0.17	0.1	<0.01	5.3	0.1	<0.05	6	1.0	<0.2
1124153	Soil	25	82	1.41	480	0.174	<1	2.84	0.015	0.54	<0.1	0.01	5.8	0.5	0.05	8	<0.5	<0.2
1259012	Soil	14	51	0.86	1135	0.103	2	1.60	0.012	0.24	0.2	0.03	4.0	0.3	0.06	5	0.6	<0.2
1124158	Soil	16	107	1.11	377	0.125	2	1.96	0.016	0.17	0.1	0.01	4.2	0.3	<0.05	6	0.9	<0.2
1124152	Soil	22	46	0.95	371	0.211	2	2.74	0.019	0.74	0.1	0.02	4.1	0.7	<0.05	7	1.0	<0.2
1124161	Soil	15	74	1.33	685	0.187	<1	2.64	0.058	0.29	0.1	0.02	8.5	0.2	<0.05	8	0.8	<0.2
1259025	Soil	12	29	0.65	219	0.089	<1	1.68	0.010	0.17	0.1	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1124156	Soil	16	55	0.95	853	0.152	<1	1.99	0.017	0.46	<0.1	0.02	4.1	0.3	0.08	6	1.3	<0.2
1124154	Soil	5	48	1.49	274	0.140	<1	2.09	0.047	0.93	<0.1	<0.01	3.5	0.8	0.60	7	2.6	<0.2
1124162	Soil	15	56	1.29	545	0.161	<1	2.19	0.017	0.24	0.1	0.01	7.9	0.1	<0.05	8	0.8	<0.2
1259019	Soil	10	64	0.96	227	0.183	1	2.07	0.015	0.40	<0.1	0.02	2.9	0.3	<0.05	8	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

12 of 12 Part 1

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1124164	Soil	0.5	31.4	7.1	85	0.3	41.0	7.4	735	2.13	2.9	0.9	<0.5	3.8	78	0.2	0.2	0.1	74	1.31	0.054
1124155	Soil	1.2	53.9	9.0	108	0.2	55.3	11.7	379	3.21	5.8	1.3	5.5	4.3	49	0.2	0.4	0.2	106	0.39	0.055
1124160	Soil	0.8	47.2	4.7	102	0.2	49.0	12.5	873	3.13	1.6	0.8	0.5	3.0	21	0.1	0.2	0.2	111	0.58	0.055
1124151	Soil	0.7	40.8	11.8	94	<0.1	65.9	17.3	707	4.22	3.3	1.2	<0.5	11.2	29	<0.1	0.2	0.2	76	0.19	0.023
1124183	Soil	0.7	25.7	5.0	56	<0.1	21.9	6.2	338	1.99	3.4	0.6	1.9	3.4	18	<0.1	0.3	0.1	66	0.24	0.037
1124172	Soil	0.7	27.8	8.5	67	0.2	24.8	7.4	424	2.28	5.4	0.7	<0.5	4.0	37	0.1	0.4	0.2	57	0.43	0.037
1124171	Soil	0.7	27.0	8.5	65	0.2	23.8	8.6	299	2.49	5.8	0.6	0.6	4.8	31	<0.1	0.5	0.2	68	0.35	0.029
1124165	Soil	0.9	37.3	8.1	84	0.3	31.7	8.6	671	2.63	4.3	0.7	<0.5	4.3	95	0.2	0.4	0.1	73	0.72	0.049
1124182	Soil	0.9	34.7	9.2	68	0.2	29.7	9.2	459	2.55	6.0	0.6	1.6	3.1	20	0.2	0.5	0.2	68	0.34	0.052
1124174	Soil	0.7	30.2	5.8	79	0.2	24.4	5.1	1179	2.34	2.8	0.6	0.7	3.3	22	0.2	0.3	0.2	63	0.32	0.054
1124163	Soil	1.5	42.0	7.5	77	0.2	46.3	12.3	951	2.91	4.5	0.9	1.3	3.2	38	0.3	0.3	0.1	96	0.47	0.048
1124167	Soil	0.7	25.6	5.2	74	0.4	23.3	6.2	569	2.07	2.0	0.6	1.2	2.7	107	0.4	0.2	<0.1	68	3.29	0.043
1124180	Soil	0.6	31.2	5.9	65	<0.1	26.6	7.8	361	2.46	5.2	0.6	1.5	3.1	16	<0.1	0.3	0.1	73	0.23	0.036
1124166	Soil	0.9	27.6	7.8	58	0.2	27.6	8.7	508	2.31	7.3	1.0	6.0	3.1	40	0.2	0.5	0.1	59	0.62	0.052
1124173	Soil	0.7	30.0	8.6	56	0.1	24.4	7.3	354	2.34	7.4	0.6	3.5	3.4	22	<0.1	0.4	0.1	56	0.34	0.037
1124168	Soil	0.7	25.2	7.3	63	0.2	23.0	7.5	499	2.27	6.8	0.6	1.7	2.8	48	0.2	0.4	<0.1	59	0.52	0.047
1124181	Soil	0.8	31.0	7.4	61	0.1	25.6	8.4	373	2.23	5.9	0.6	1.8	3.0	15	0.1	0.3	0.1	65	0.28	0.043
1124175	Soil	0.5	26.2	5.6	65	0.2	24.1	6.7	406	2.11	4.9	0.5	1.1	2.9	28	0.2	0.3	<0.1	61	0.41	0.038
1124169	Soil	0.6	24.0	6.3	62	0.3	22.2	5.5	433	1.64	3.3	0.5	1.4	2.6	152	0.3	0.2	<0.1	50	3.58	0.046
1124170	Soil	0.5	25.6	5.4	75	0.4	22.7	5.6	453	1.87	2.5	0.4	1.4	3.4	85	0.3	0.2	0.2	49	2.80	0.055



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: December 08, 2011

Page: 12 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1124164	Soil	18	54	0.96	477	0.076	<1	1.98	0.025	0.11	<0.1	0.01	6.3	0.1	<0.05	6	0.6	<0.2
1124155	Soil	14	85	1.20	502	0.160	1	2.28	0.029	0.49	<0.1	0.01	5.8	0.3	0.09	7	1.0	<0.2
1124160	Soil	12	79	1.74	668	0.194	<1	2.46	0.036	0.72	<0.1	0.01	9.9	0.3	<0.05	9	0.6	<0.2
1124151	Soil	32	90	1.52	514	0.276	<1	3.53	0.017	1.01	<0.1	<0.01	6.3	0.7	<0.05	10	<0.5	<0.2
1124183	Soil	12	36	0.78	272	0.115	<1	1.41	0.023	0.29	<0.1	<0.01	4.7	0.1	<0.05	5	<0.5	<0.2
1124172	Soil	14	33	0.72	371	0.096	<1	1.77	0.020	0.19	0.1	0.02	4.4	0.1	<0.05	5	<0.5	<0.2
1124171	Soil	17	34	0.69	277	0.081	2	1.94	0.017	0.06	0.1	0.02	5.1	0.1	<0.05	5	<0.5	<0.2
1124165	Soil	16	40	0.99	724	0.140	<1	2.39	0.037	0.45	0.1	0.02	7.3	0.2	<0.05	7	<0.5	<0.2
1124182	Soil	13	40	0.66	303	0.112	1	1.52	0.015	0.29	0.1	0.03	4.2	0.2	<0.05	5	<0.5	<0.2
1124174	Soil	18	33	0.75	479	0.116	1	1.68	0.015	0.36	<0.1	0.02	7.0	0.2	<0.05	6	<0.5	<0.2
1124163	Soil	14	78	1.13	331	0.134	<1	2.26	0.031	0.18	0.1	0.01	7.5	0.2	<0.05	7	<0.5	<0.2
1124167	Soil	13	33	0.72	373	0.095	<1	1.77	0.054	0.25	<0.1	0.03	6.4	0.2	<0.05	6	<0.5	<0.2
1124180	Soil	14	44	0.73	275	0.120	<1	1.53	0.010	0.26	<0.1	0.02	5.4	0.2	<0.05	6	<0.5	<0.2
1124166	Soil	14	35	0.60	344	0.082	1	1.63	0.034	0.08	0.2	0.03	4.1	<0.1	<0.05	5	<0.5	<0.2
1124173	Soil	15	32	0.52	372	0.093	<1	1.60	0.012	0.11	0.1	0.04	4.8	<0.1	<0.05	5	<0.5	<0.2
1124168	Soil	14	31	0.63	379	0.091	<1	1.80	0.027	0.13	0.1	0.03	4.4	<0.1	<0.05	5	<0.5	<0.2
1124181	Soil	13	37	0.58	275	0.102	<1	1.50	0.010	0.25	0.1	0.03	4.1	0.2	<0.05	5	<0.5	<0.2
1124175	Soil	12	33	0.64	401	0.100	<1	1.58	0.018	0.18	0.1	0.03	4.5	0.1	<0.05	6	<0.5	<0.2
1124169	Soil	12	31	0.48	364	0.052	<1	1.34	0.028	0.15	<0.1	0.03	3.9	0.1	<0.05	4	<0.5	<0.2
1124170	Soil	16	28	0.67	311	0.057	<1	1.55	0.019	0.23	<0.1	0.02	3.9	0.3	<0.05	5	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

1 of 3

Part 1

QUALITY CONTROL REPORT

DAW11000553.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1142793	Soil	3.2	65.0	5.6	143	0.2	32.1	7.6	211	3.48	4.3	1.4	2.7	2.6	23	0.2	0.3	0.2	60	0.18	0.043
REP 1142793	QC	3.0	63.2	5.6	140	0.2	31.7	7.6	208	3.40	4.3	1.4	2.8	2.7	22	0.3	0.3	0.2	58	0.18	0.043
1142778	Soil	2.0	29.2	9.2	67	1.0	17.7	7.3	298	3.09	6.6	1.1	8.2	1.7	18	0.5	0.3	0.3	66	0.16	0.087
REP 1142778	QC	2.1	29.1	9.3	67	1.0	17.0	7.2	293	3.07	6.2	1.0	6.0	1.7	18	0.5	0.3	0.2	64	0.16	0.082
1259119	Soil	0.3	46.1	4.5	51	<0.1	160.2	13.8	449	2.12	7.5	0.5	3.2	3.7	75	0.1	0.1	<0.1	45	5.01	0.040
REP 1259119	QC	0.3	45.3	4.4	49	<0.1	156.9	13.8	440	2.09	7.1	0.5	2.6	3.7	73	0.1	0.1	<0.1	45	5.01	0.038
1103861	Soil	0.7	62.3	6.8	83	<0.1	55.9	14.2	399	3.03	5.8	1.0	5.9	5.1	24	<0.1	0.2	0.1	96	0.36	0.030
REP 1103861	QC	0.7	60.7	6.9	80	<0.1	55.7	14.1	410	3.06	6.2	1.0	4.8	5.0	24	<0.1	0.2	0.1	93	0.34	0.032
1103873	Soil	0.8	41.0	10.0	112	0.1	32.0	13.4	424	3.71	3.2	1.1	1.9	4.6	24	<0.1	0.2	0.1	105	0.20	0.022
REP 1103873	QC	0.8	41.3	9.6	112	<0.1	31.5	13.6	414	3.69	3.2	1.1	1.5	4.6	23	<0.1	0.2	0.1	103	0.19	0.021
1102694	Soil	0.5	62.0	6.8	216	0.1	104.9	11.4	400	3.76	1.8	1.9	2.5	4.2	32	0.6	0.2	0.2	110	0.39	0.060
REP 1102694	QC	0.6	60.3	6.2	218	<0.1	103.7	11.3	388	3.75	1.8	2.0	3.4	4.2	31	0.8	0.2	0.2	108	0.38	0.055
1124285	Soil	0.9	32.5	4.1	47	<0.1	25.4	7.0	208	2.03	3.5	0.6	1.6	2.3	18	0.1	0.3	<0.1	49	0.25	0.042
REP 1124285	QC	0.8	32.8	3.9	46	<0.1	25.0	7.1	204	2.03	3.4	0.7	3.3	2.2	18	0.2	0.2	<0.1	49	0.26	0.041
1064549	Soil	1.2	34.7	8.1	222	0.3	82.4	16.3	1415	2.52	4.8	1.4	9.3	3.5	31	1.6	0.4	0.2	58	1.08	0.077
REP 1064549	QC	1.1	34.7	8.8	224	0.3	86.3	16.2	1465	2.58	5.1	1.5	9.2	3.4	31	1.6	0.3	0.1	59	1.15	0.079
1107274	Soil	0.9	48.1	6.2	65	0.1	30.0	7.7	153	3.35	0.8	2.1	5.9	4.6	15	<0.1	0.2	0.3	50	0.09	0.034
REP 1107274	QC	1.0	48.5	6.2	64	0.1	29.5	8.3	153	3.35	0.7	2.1	4.6	4.9	15	<0.1	0.2	0.3	51	0.08	0.034
1107269	Soil	0.7	70.6	8.4	103	<0.1	111.5	21.4	612	4.45	4.2	0.9	1.9	5.2	19	<0.1	0.2	0.2	127	0.26	0.041
REP 1107269	QC	0.7	68.7	8.4	102	<0.1	112.9	21.2	596	4.48	4.4	0.9	1.4	5.2	18	<0.1	0.2	0.2	123	0.26	0.042
1102762	Soil	0.5	20.4	6.9	51	0.3	25.5	7.3	159	2.31	2.4	1.3	2.0	4.8	14	0.1	<0.1	0.1	44	0.19	0.062
REP 1102762	QC	0.6	21.1	7.2	54	0.3	27.8	7.7	168	2.42	2.6	1.3	2.1	4.9	14	<0.1	0.1	0.1	47	0.19	0.063
1102752	Soil	0.8	38.5	10.0	62	0.2	33.0	9.0	138	2.94	4.4	1.0	3.4	1.8	14	<0.1	0.2	0.3	66	0.14	0.050
REP 1102752	QC	0.8	37.1	9.7	61	0.2	32.1	9.0	134	2.87	4.2	0.9	4.4	1.8	14	<0.1	0.2	0.3	64	0.13	0.054
1259050	Soil	0.9	30.2	9.2	80	<0.1	32.1	8.4	362	2.55	2.2	1.0	6.0	5.2	29	<0.1	0.3	0.2	61	0.20	0.024
REP 1259050	QC	0.9	29.7	9.2	81	0.1	32.5	8.4	371	2.56	2.1	1.0	7.4	5.3	29	<0.1	0.2	0.2	63	0.22	0.025
1259054	Soil	0.9	32.6	6.5	75	0.2	32.5	8.3	372	2.56	3.9	0.9	4.7	4.6	30	0.2	0.3	0.1	64	0.39	0.044
REP 1259054	QC	0.7	31.6	6.7	76	0.2	32.6	8.2	379	2.54	4.0	1.0	2.0	4.8	31	<0.1	0.3	0.2	64	0.39	0.045



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

1 of 3

Part 2

QUALITY CONTROL REPORT

DAW11000553.1

Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1142793	Soil	9	43	0.98	246	0.115	1	1.90	0.029	0.47	<0.1	0.02	4.4	0.4	0.20	6	0.8	<0.2
REP 1142793	QC	9	42	0.96	242	0.113	<1	1.90	0.018	0.47	<0.1	0.02	4.1	0.4	0.19	6	0.6	<0.2
1142778	Soil	12	36	0.71	284	0.073	1	1.83	0.014	0.12	0.1	0.03	2.7	0.2	0.11	6	0.6	<0.2
REP 1142778	QC	11	38	0.70	277	0.072	1	1.76	0.014	0.12	0.1	0.02	2.8	0.2	0.09	6	0.8	<0.2
1259119	Soil	12	105	1.22	521	0.135	<1	2.00	0.045	0.38	<0.1	0.02	4.0	0.3	0.09	7	<0.5	<0.2
REP 1259119	QC	12	101	1.18	517	0.135	<1	1.93	0.046	0.34	0.1	0.02	4.0	0.3	0.09	6	<0.5	<0.2
1103861	Soil	26	79	1.41	1024	0.229	<1	2.61	0.011	0.46	0.2	0.01	7.8	0.4	<0.05	9	<0.5	<0.2
REP 1103861	QC	26	76	1.41	1016	0.225	<1	2.62	0.011	0.46	0.2	0.02	7.4	0.4	<0.05	9	<0.5	<0.2
1103873	Soil	18	40	1.21	609	0.244	<1	2.76	0.014	0.62	0.1	0.02	7.3	0.5	<0.05	9	<0.5	<0.2
REP 1103873	QC	18	39	1.16	594	0.239	<1	2.70	0.014	0.63	0.1	0.01	7.1	0.5	<0.05	9	<0.5	<0.2
1102694	Soil	19	94	1.68	810	0.228	<1	3.08	0.019	1.05	0.1	0.01	9.8	0.5	<0.05	10	0.6	<0.2
REP 1102694	QC	18	94	1.66	812	0.228	<1	2.99	0.020	1.04	0.1	0.02	9.6	0.5	<0.05	11	<0.5	<0.2
1124285	Soil	8	39	0.66	286	0.125	<1	1.19	0.015	0.32	0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
REP 1124285	QC	8	39	0.66	292	0.122	<1	1.18	0.014	0.33	0.1	<0.01	2.8	0.1	<0.05	4	<0.5	<0.2
1064549	Soil	20	35	0.50	922	0.070	2	1.46	0.014	0.06	0.2	0.05	4.5	0.2	<0.05	5	<0.5	<0.2
REP 1064549	QC	21	37	0.50	924	0.075	2	1.46	0.015	0.07	0.2	0.06	4.8	0.2	<0.05	5	<0.5	<0.2
1107274	Soil	13	38	0.82	466	0.114	<1	1.54	0.019	0.78	<0.1	<0.01	4.2	0.7	0.07	5	0.6	<0.2
REP 1107274	QC	14	38	0.79	464	0.113	<1	1.56	0.018	0.77	<0.1	0.01	4.2	0.6	0.06	5	<0.5	<0.2
1107269	Soil	41	154	2.01	623	0.272	1	3.64	0.012	1.26	0.1	<0.01	8.7	0.6	<0.05	12	<0.5	<0.2
REP 1107269	QC	41	153	2.08	601	0.280	1	3.53	0.012	1.31	0.1	<0.01	9.0	0.6	<0.05	12	<0.5	<0.2
1102762	Soil	22	33	0.59	242	0.140	<1	1.64	0.010	0.43	0.1	0.03	3.0	0.3	0.07	5	<0.5	<0.2
REP 1102762	QC	23	34	0.63	247	0.144	1	1.75	0.010	0.45	0.1	0.02	3.1	0.3	0.09	5	<0.5	<0.2
1102752	Soil	8	42	0.70	200	0.139	<1	1.84	0.011	0.42	0.1	0.03	3.1	0.3	<0.05	6	<0.5	<0.2
REP 1102752	QC	9	41	0.68	196	0.138	1	1.74	0.011	0.41	0.1	0.03	3.2	0.3	<0.05	6	<0.5	<0.2
1259050	Soil	16	44	0.79	423	0.146	<1	1.98	0.012	0.30	0.1	0.01	4.8	0.3	<0.05	6	0.8	<0.2
REP 1259050	QC	16	46	0.81	433	0.154	<1	2.01	0.014	0.30	0.1	0.01	5.0	0.2	<0.05	6	0.6	<0.2
1259054	Soil	17	41	0.71	267	0.133	<1	1.83	0.019	0.28	0.1	0.02	5.5	0.3	<0.05	6	0.5	<0.2
REP 1259054	QC	17	40	0.72	263	0.133	<1	1.90	0.018	0.28	0.2	0.03	5.3	0.3	<0.05	6	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

2 of 3

Part 1

QUALITY CONTROL REPORT

DAW11000553.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1259009	Soil	1.8	41.9	9.2	59	0.1	19.3	6.4	228	2.68	3.4	0.8	3.2	1.9	13	0.2	0.3	0.2	63	0.07
REP 1259009	QC	1.8	41.3	9.1	56	0.1	20.6	6.8	229	2.67	3.4	0.8	3.1	1.9	13	0.1	0.3	0.2	63	0.07
1124159	Soil	0.8	33.6	6.6	63	<0.1	37.2	10.1	643	2.50	4.1	1.0	<0.5	4.1	23	0.1	0.4	0.1	72	0.29
REP 1124159	QC	0.8	34.9	7.1	66	<0.1	40.3	10.8	713	2.68	4.9	1.0	0.7	4.3	25	<0.1	0.4	0.1	76	0.31
1124171	Soil	0.7	27.0	8.5	65	0.2	23.8	8.6	299	2.49	5.8	0.6	0.6	4.8	31	<0.1	0.5	0.2	68	0.35
REP 1124171	QC	0.6	27.0	8.1	63	0.2	23.0	8.5	293	2.43	5.7	0.6	1.8	4.6	32	0.1	0.6	0.2	67	0.35
1124167	Soil	0.7	25.6	5.2	74	0.4	23.3	6.2	569	2.07	2.0	0.6	1.2	2.7	107	0.4	0.2	<0.1	68	3.29
REP 1124167	QC	0.6	26.0	5.6	80	0.4	24.1	6.4	608	2.10	1.7	0.5	1.1	2.6	113	0.3	0.2	<0.1	71	3.42
Reference Materials																				
STD DS8	Standard	14.5	110.4	125.1	316	1.8	39.5	7.7	641	2.60	24.8	2.8	132.5	6.9	69	2.2	5.4	5.8	44	0.72
STD DS8	Standard	12.4	98.6	136.1	289	1.7	35.2	6.5	561	2.25	24.1	3.0	111.8	7.2	74	2.0	6.0	7.4	37	0.61
STD DS8	Standard	13.2	98.9	136.2	297	1.8	36.1	7.0	602	2.36	25.0	3.2	122.1	8.2	87	2.1	6.3	7.7	40	0.71
STD DS8	Standard	13.7	110.3	128.0	312	1.9	38.6	7.6	611	2.41	24.9	2.8	107.1	6.7	69	2.4	5.6	6.7	42	0.68
STD DS8	Standard	13.2	102.6	123.1	292	1.7	36.8	7.2	583	2.34	24.4	2.7	105.5	6.1	61	2.1	4.9	5.4	40	0.66
STD DS8	Standard	12.6	108.9	126.3	302	1.8	39.5	7.9	606	2.46	24.4	2.8	125.1	6.6	58	2.1	4.9	6.3	41	0.67
STD DS8	Standard	14.3	108.2	126.8	300	1.8	39.6	7.3	598	2.44	24.6	2.7	111.3	6.3	67	2.2	5.2	5.5	43	0.69
STD DS8	Standard	12.1	97.4	118.7	284	1.8	34.7	6.7	567	2.28	24.6	2.4	94.9	6.1	67	1.9	5.3	5.4	38	0.64
STD DS8	Standard	12.8	102.0	122.5	290	1.7	35.5	7.3	584	2.32	26.3	2.8	109.7	6.9	79	2.3	5.9	7.1	43	0.71
STD DS8	Standard	11.8	98.9	119.5	281	1.7	33.3	6.7	549	2.20	24.2	2.4	107.4	5.7	68	2.1	5.8	6.3	36	0.62
STD DS8	Standard	14.1	107.6	122.5	303	1.7	38.2	7.8	611	2.47	23.1	2.7	100.6	6.6	65	2.0	5.0	5.8	44	0.72
STD DS8	Standard	13.9	109.4	127.6	326	1.8	40.3	8.3	621	2.67	26.7	2.6	196.6	6.7	69	2.3	5.9	6.4	42	0.72
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

2 of 3

Part 2

QUALITY CONTROL REPORT

DAW11000553.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1259009	Soil	11	36	0.56	529	0.114	<1	1.40	0.008	0.28	<0.1	<0.01	3.1	0.2	<0.05	5	0.7	<0.2
REP 1259009	QC	11	36	0.57	528	0.114	<1	1.41	0.008	0.29	<0.1	0.01	3.2	0.2	0.06	5	<0.5	<0.2
1124159	Soil	14	53	0.96	346	0.118	1	1.96	0.013	0.17	0.1	<0.01	5.3	0.1	<0.05	6	1.0	<0.2
REP 1124159	QC	15	56	1.01	364	0.125	<1	2.05	0.014	0.18	<0.1	0.01	5.8	0.2	<0.05	6	<0.5	<0.2
1124171	Soil	17	34	0.69	277	0.081	2	1.94	0.017	0.06	0.1	0.02	5.1	0.1	<0.05	5	<0.5	<0.2
REP 1124171	QC	18	33	0.67	281	0.082	<1	1.87	0.018	0.06	0.1	0.03	5.2	0.1	<0.05	5	<0.5	<0.2
1124167	Soil	13	33	0.72	373	0.095	<1	1.77	0.054	0.25	<0.1	0.03	6.4	0.2	<0.05	6	<0.5	<0.2
REP 1124167	QC	13	37	0.77	378	0.095	<1	1.84	0.056	0.24	<0.1	0.02	6.4	0.2	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	17	126	0.59	281	0.121	3	0.92	0.105	0.44	3.0	0.19	2.2	5.4	0.16	5	4.6	5.4
STD DS8	Standard	14	109	0.55	262	0.105	3	0.82	0.087	0.39	2.8	0.19	2.3	5.0	0.13	4	4.1	4.5
STD DS8	Standard	19	111	0.57	288	0.120	2	0.94	0.104	0.41	2.9	0.19	3.0	5.2	0.13	5	4.2	4.7
STD DS8	Standard	16	118	0.61	276	0.119	3	0.93	0.103	0.41	3.2	0.23	2.5	5.4	0.15	5	5.1	4.7
STD DS8	Standard	15	110	0.59	260	0.110	2	0.88	0.084	0.40	3.0	0.19	1.9	5.0	0.15	5	4.7	4.8
STD DS8	Standard	14	119	0.62	258	0.108	2	0.89	0.091	0.39	2.9	0.18	2.0	5.3	0.15	5	5.0	4.8
STD DS8	Standard	17	121	0.58	263	0.117	2	0.86	0.085	0.43	2.9	0.21	1.9	5.4	0.14	5	4.8	5.1
STD DS8	Standard	15	107	0.56	265	0.110	2	0.87	0.099	0.43	2.7	0.20	2.5	4.9	0.17	5	4.6	4.2
STD DS8	Standard	16	112	0.70	286	0.116	3	0.94	0.103	0.42	2.9	0.19	2.2	5.2	0.14	4	5.7	4.3
STD DS8	Standard	14	107	0.56	259	0.101	2	0.83	0.086	0.38	2.6	0.17	2.0	4.9	0.13	4	4.9	5.3
STD DS8	Standard	16	119	0.61	271	0.120	2	0.97	0.123	0.41	3.1	0.21	3.5	5.4	0.19	5	4.8	5.0
STD DS8	Standard	14	122	0.62	292	0.119	3	0.94	0.102	0.42	3.2	0.22	2.7	5.7	0.15	5	6.1	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

3 of 3

Part 1

QUALITY CONTROL REPORT

DAW11000553.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 08, 2011

Page:

3 of 3

Part 2

QUALITY CONTROL REPORT

DAW11000553.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead

Receiving Lab: Canada-Whitehorse

Received: October 14, 2011

Report Date: December 05, 2011

Page: 1 of 12

CERTIFICATE OF ANALYSIS

DAW11000554.1

CLIENT JOB INFORMATION

Project: GEM
Shipment ID: GEM2011-07
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
PICKUP-RJT Client to Pickup Rejects

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
RJSV	320	Saving all or part of Soil Reject			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: December 05, 2011

Page: 2 of 12 Part 1

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1124026	Soil	0.6	27.1	8.2	53	<0.1	22.7	9.4	412	2.57	7.2	0.7	7.2	3.0	25	<0.1	0.4	0.1	58	0.35
1124022	Soil	0.8	17.7	9.8	39	<0.1	18.8	7.6	233	2.49	6.6	0.5	<0.5	0.8	11	0.1	0.3	0.3	57	0.11
1124028	Soil	0.8	18.3	9.0	46	0.1	17.4	5.6	123	2.16	5.3	0.7	1.5	0.7	13	<0.1	0.3	0.2	47	0.12
1124178	Soil	0.6	52.9	2.7	74	<0.1	66.5	15.6	667	3.32	1.6	0.5	1.5	1.9	16	<0.1	0.1	<0.1	88	0.27
1124027	Soil	0.2	54.5	2.9	52	<0.1	13.5	12.0	259	2.11	2.7	0.3	<0.5	1.5	5	<0.1	0.1	<0.1	68	0.10
1124024	Soil	0.6	31.8	12.0	91	<0.1	32.2	13.0	456	3.66	6.0	0.7	1.2	6.0	22	<0.1	0.3	0.2	100	0.18
1124019	Soil	0.8	34.0	7.5	45	<0.1	30.6	9.4	175	2.76	4.5	0.7	1.7	2.4	11	<0.1	0.2	0.2	60	0.13
1124177	Soil	0.8	49.9	3.4	69	<0.1	51.8	12.9	669	3.25	1.9	0.5	0.6	2.4	16	0.1	0.2	0.1	98	0.30
1124038	Soil	0.9	22.4	8.9	55	0.1	21.1	8.3	262	2.50	5.8	1.0	5.1	2.8	25	<0.1	0.4	0.2	51	0.16
1124023	Soil	0.6	24.0	9.7	42	<0.1	20.8	6.8	196	2.28	6.0	0.6	1.3	0.9	17	<0.1	0.4	0.2	53	0.18
1124020	Soil	0.8	34.2	7.8	45	<0.1	29.4	9.9	215	2.85	4.7	0.6	1.7	2.5	13	<0.1	0.3	0.2	62	0.16
1124179	Soil	0.6	51.5	2.6	70	0.1	61.4	14.8	611	3.18	1.5	0.5	2.4	1.9	15	<0.1	0.2	<0.1	85	0.27
1124031	Soil	0.8	27.6	6.4	62	<0.1	24.6	8.8	213	2.55	3.9	0.7	0.9	3.1	13	<0.1	0.3	0.2	49	0.16
1124025	Soil	0.6	29.3	8.4	57	<0.1	24.9	9.7	320	2.63	8.4	0.8	4.5	4.1	22	<0.1	0.6	0.2	53	0.21
1124021	Soil	0.8	26.9	8.7	46	<0.1	24.3	7.8	187	2.60	6.4	0.6	3.8	1.5	11	<0.1	0.3	0.2	59	0.12
1124176	Soil	0.8	41.0	10.9	88	0.1	30.4	7.8	588	2.49	2.3	0.7	1.9	4.0	18	0.2	0.2	0.1	77	0.37
1124014	Soil	0.9	26.8	9.4	56	<0.1	26.5	9.4	235	2.94	5.6	0.8	2.6	2.6	13	<0.1	0.2	0.3	60	0.14
1124016	Soil	0.8	27.7	7.8	50	<0.1	25.8	8.6	177	2.65	5.6	0.8	2.6	2.5	17	<0.1	0.4	0.2	54	0.19
1124036	Soil	0.9	20.3	9.8	41	0.3	14.9	4.7	105	1.68	3.2	1.1	0.8	0.6	21	0.1	0.2	0.2	33	0.12
1124032	Soil	0.5	14.4	8.6	50	<0.1	17.3	6.1	139	2.30	5.1	0.7	1.8	1.0	14	<0.1	0.3	0.2	47	0.14
1124015	Soil	0.8	25.4	8.7	48	<0.1	21.2	8.1	183	2.68	6.5	0.9	1.6	2.0	14	<0.1	0.3	0.2	55	0.14
1124009	Soil	0.7	29.6	8.3	66	<0.1	27.7	7.9	250	2.62	4.6	0.8	2.7	3.2	15	<0.1	0.2	0.2	53	0.19
1124037	Soil	0.9	23.4	8.2	53	0.2	18.7	7.0	186	2.16	4.3	1.0	2.6	0.5	23	0.2	0.3	0.2	45	0.13
1124034	Soil	0.6	17.4	7.0	58	0.1	17.9	7.2	188	2.21	4.7	0.7	1.8	2.4	17	0.1	0.4	0.1	44	0.17
1124006	Soil	0.8	34.8	7.9	68	<0.1	34.7	8.6	475	2.53	4.5	1.0	5.6	4.3	19	<0.1	0.2	0.2	69	0.17
1124011	Soil	0.9	27.2	8.5	54	<0.1	28.3	9.1	234	3.36	5.7	0.6	1.1	2.6	9	<0.1	0.3	0.3	65	0.09
1124010	Soil	0.6	35.4	8.2	49	0.3	108.6	10.9	158	2.36	6.2	0.8	8.0	3.1	26	<0.1	0.1	0.2	59	0.20
1124033	Soil	0.6	17.9	8.1	55	0.2	18.1	7.6	202	2.15	4.5	0.8	1.1	1.9	18	0.1	0.3	0.2	42	0.16
1124005	Soil	1.1	31.4	8.4	63	<0.1	31.2	8.4	379	2.45	4.9	0.8	5.2	4.2	15	<0.1	0.3	0.2	68	0.11
1124013	Soil	0.9	29.2	8.8	64	<0.1	28.8	10.9	234	3.19	6.5	0.7	3.7	3.6	11	0.1	0.3	0.3	63	0.13



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

2 of 12

Part 2

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1124026	Soil	14	30	0.61	331	0.077	1	1.71	0.012	0.07	0.1	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1124022	Soil	9	27	0.47	156	0.061	<1	1.49	0.007	0.14	0.1	0.02	1.7	0.1	<0.05	6	0.5	<0.2
1124028	Soil	10	30	0.50	155	0.056	<1	1.45	0.008	0.09	<0.1	0.04	1.8	0.1	<0.05	6	<0.5	<0.2
1124178	Soil	11	113	1.52	742	0.215	<1	2.07	0.009	0.91	<0.1	0.02	7.7	0.4	<0.05	8	0.6	<0.2
1124027	Soil	7	20	0.97	396	0.117	<1	1.67	0.012	0.31	<0.1	<0.01	3.7	0.1	<0.05	8	<0.5	<0.2
1124024	Soil	22	52	1.28	337	0.210	<1	3.14	0.011	0.58	<0.1	0.02	6.7	0.4	<0.05	9	0.6	<0.2
1124019	Soil	9	35	0.67	188	0.122	<1	1.73	0.009	0.31	0.1	0.02	2.7	0.3	<0.05	5	0.6	<0.2
1124177	Soil	13	103	1.39	629	0.197	<1	2.03	0.009	0.54	<0.1	0.02	6.2	0.3	<0.05	8	<0.5	<0.2
1124038	Soil	16	31	0.52	213	0.073	<1	1.61	0.009	0.15	0.1	0.02	2.5	0.2	<0.05	5	0.7	<0.2
1124023	Soil	12	29	0.49	193	0.051	<1	1.48	0.008	0.10	<0.1	0.01	2.1	0.1	<0.05	5	0.7	<0.2
1124020	Soil	9	35	0.68	222	0.117	<1	1.74	0.010	0.31	0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1124179	Soil	10	109	1.40	697	0.200	<1	1.91	0.009	0.86	<0.1	0.02	6.8	0.3	<0.05	7	<0.5	<0.2
1124031	Soil	10	30	0.59	161	0.106	<1	1.54	0.007	0.31	0.1	0.01	2.4	0.2	<0.05	5	<0.5	<0.2
1124025	Soil	18	33	0.62	245	0.082	<1	1.76	0.011	0.13	0.1	0.03	4.2	0.1	<0.05	5	<0.5	<0.2
1124021	Soil	9	32	0.54	145	0.089	<1	1.59	0.009	0.20	0.1	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1124176	Soil	17	55	0.96	311	0.157	<1	1.84	0.012	0.58	0.1	0.02	5.7	0.3	<0.05	7	0.5	<0.2
1124014	Soil	11	35	0.58	189	0.102	<1	1.73	0.011	0.26	<0.1	0.02	2.6	0.2	<0.05	6	<0.5	<0.2
1124016	Soil	11	33	0.61	222	0.098	<1	1.73	0.010	0.16	<0.1	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1124036	Soil	12	21	0.31	173	0.051	<1	1.16	0.011	0.10	<0.1	0.04	1.4	0.1	<0.05	4	0.8	<0.2
1124032	Soil	10	27	0.47	122	0.057	<1	1.48	0.007	0.12	<0.1	0.03	1.8	0.1	<0.05	5	0.6	<0.2
1124015	Soil	12	31	0.52	188	0.080	<1	1.69	0.009	0.12	0.1	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
1124009	Soil	16	36	0.64	232	0.102	<1	1.69	0.009	0.31	<0.1	0.02	3.3	0.3	<0.05	6	<0.5	<0.2
1124037	Soil	12	22	0.38	172	0.054	<1	1.33	0.009	0.19	<0.1	0.03	1.4	0.2	<0.05	4	<0.5	<0.2
1124034	Soil	12	26	0.50	163	0.086	<1	1.49	0.011	0.12	<0.1	0.02	2.3	0.2	<0.05	4	<0.5	<0.2
1124006	Soil	16	49	0.70	547	0.125	<1	1.88	0.009	0.23	0.1	0.02	4.8	0.2	<0.05	7	<0.5	<0.2
1124011	Soil	9	38	0.62	138	0.119	<1	1.76	0.009	0.35	0.1	<0.01	2.5	0.3	<0.05	6	0.5	<0.2
1124010	Soil	15	143	1.20	363	0.099	<1	2.60	0.016	0.27	<0.1	0.02	3.4	0.2	<0.05	7	<0.5	<0.2
1124033	Soil	13	26	0.49	181	0.069	<1	1.51	0.009	0.11	<0.1	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1124005	Soil	14	47	0.62	448	0.125	1	1.83	0.013	0.17	0.2	0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1124013	Soil	12	37	0.62	182	0.103	1	1.94	0.009	0.29	0.1	<0.01	2.9	0.2	<0.05	6	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

3 of 12

Part 1

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1124012	Soil	1.1	36.3	10.3	46	<0.1	26.5	8.0	124	3.08	4.4	0.8	3.3	2.0	10	0.1	0.2	0.3	71	0.12	0.074
1124035	Soil	0.8	19.6	7.3	64	<0.1	21.5	8.1	230	2.28	5.1	0.7	2.2	3.5	18	<0.1	0.3	0.2	45	0.19	0.049
1112686	Soil	7.8	71.1	9.5	86	0.5	10.5	3.4	450	2.64	2.9	2.4	2.7	4.4	30	0.4	0.3	0.2	431	0.13	0.046
1124251	Soil	2.1	71.3	9.7	280	0.1	75.9	14.7	341	3.25	1.8	2.8	6.1	6.3	19	0.6	0.2	0.2	71	0.25	0.043
1124018	Soil	0.8	31.9	7.8	46	<0.1	27.5	9.5	163	2.79	4.7	0.6	1.1	2.5	11	0.1	0.2	0.2	60	0.14	0.046
1124007	Soil	0.8	33.5	18.1	121	<0.1	36.6	10.2	495	2.29	2.4	1.0	3.6	6.2	22	0.1	0.1	0.2	48	0.25	0.033
1112687	Soil	0.6	42.4	12.3	113	0.2	83.6	29.8	1832	6.14	0.5	0.8	2.4	5.7	69	0.5	<0.1	0.1	178	1.18	0.175
1112685	Soil	6.0	85.5	9.2	316	0.9	83.2	9.5	304	3.59	10.2	3.2	3.3	4.1	24	0.6	0.6	0.2	251	0.22	0.131
1124030	Soil	0.6	22.1	7.4	56	<0.1	33.6	9.6	217	2.56	4.0	0.5	0.7	2.6	9	0.1	0.2	0.2	56	0.11	0.043
1124008	Soil	0.8	25.0	8.8	67	<0.1	31.4	9.0	372	2.69	5.5	0.5	1.4	3.9	11	<0.1	0.3	0.2	62	0.13	0.024
1112682	Soil	1.2	52.6	7.5	58	0.1	17.6	5.7	144	3.07	1.4	1.2	10.6	2.1	16	0.5	0.1	0.3	63	0.11	0.045
1112684	Soil	6.5	126.2	13.0	87	0.5	16.7	4.8	598	3.19	2.9	2.1	4.9	7.7	27	1.3	0.3	0.2	62	0.13	0.051
1124275	Soil	0.7	43.9	5.5	89	<0.1	36.5	9.3	326	3.46	1.3	0.8	2.1	2.9	19	<0.1	0.2	0.2	84	0.26	0.039
1124029	Soil	0.9	24.9	8.6	59	0.1	24.1	7.9	144	2.52	4.7	0.7	3.0	2.7	11	<0.1	0.3	0.2	52	0.14	0.043
1112683	Soil	4.3	39.3	9.6	60	0.6	8.9	3.9	272	2.13	3.9	1.1	2.2	2.9	20	0.7	0.3	0.2	75	0.08	0.093
1112690	Soil	0.6	52.0	6.0	94	0.2	22.0	7.0	234	3.23	1.6	1.0	2.1	3.3	17	0.2	0.2	0.2	64	0.11	0.037
1112689	Soil	1.4	60.4	5.2	94	0.2	20.6	8.2	249	3.11	2.7	1.4	2.0	3.1	18	0.2	0.2	0.2	82	0.12	0.043
1124017	Soil	0.8	30.1	7.4	46	<0.1	26.3	8.7	157	2.66	4.7	0.8	2.4	2.6	14	0.1	0.3	0.3	60	0.19	0.042
1124274	Soil	1.4	54.8	7.7	164	<0.1	79.5	21.3	621	3.89	1.5	1.3	4.3	6.1	55	0.8	0.2	0.1	102	0.81	0.075
1124254	Soil	1.0	48.2	8.8	108	<0.1	35.6	7.8	687	2.82	1.4	1.1	<0.5	3.0	9	0.3	0.1	0.2	96	0.19	0.062
1124263	Soil	1.2	39.5	9.7	65	<0.1	23.9	4.2	128	2.84	2.6	1.2	124.6	5.4	10	<0.1	0.2	0.2	50	0.09	0.037
1124259	Soil	0.7	50.1	9.0	75	<0.1	36.6	10.1	502	3.43	1.4	0.8	5.5	2.5	7	<0.1	0.1	0.2	109	0.06	0.021
1124264	Soil	1.0	37.8	15.3	125	0.1	36.6	17.7	303	3.79	1.6	1.9	11.4	12.5	34	0.1	0.2	0.2	55	0.32	0.028
1124253	Soil	0.8	42.1	5.8	79	<0.1	34.1	8.0	496	2.92	4.6	0.9	1.3	2.8	20	<0.1	0.3	0.1	87	0.21	0.031
1124262	Soil	1.5	43.0	11.9	88	0.2	13.4	5.3	438	2.65	2.2	0.6	0.9	3.5	15	<0.1	0.1	0.2	83	0.05	0.035
1124261	Soil	0.7	33.6	6.5	59	<0.1	12.7	4.1	289	2.03	2.3	1.0	1.7	2.6	8	<0.1	0.2	0.1	51	0.05	0.016
1112688	Soil	0.9	24.2	10.5	52	0.2	21.1	10.5	416	2.80	8.1	1.2	2.8	4.0	20	0.3	0.5	0.2	64	0.20	0.033
1124252	Soil	0.7	43.2	5.4	81	<0.1	45.1	9.4	471	2.61	2.0	1.5	3.0	3.6	25	0.1	0.1	0.1	85	0.35	0.061
1124256	Soil	1.0	21.6	7.7	54	<0.1	28.7	9.0	334	2.96	6.5	0.5	1.1	2.7	10	0.1	0.3	0.2	78	0.11	0.027
1124260	Soil	1.0	35.4	5.1	74	<0.1	33.9	10.4	510	2.41	1.1	1.0	1.6	4.0	6	<0.1	0.1	0.2	41	0.07	0.029



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

3 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1124012	Soil	10	39	0.63	175	0.130	<1	1.77	0.011	0.44	0.1	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1124035	Soil	12	28	0.48	177	0.104	<1	1.34	0.007	0.19	0.1	0.01	2.3	0.2	<0.05	4	<0.5	<0.2
1112686	Soil	19	67	1.43	318	0.118	<1	2.14	0.023	0.63	<0.1	0.02	4.3	0.5	0.27	7	3.0	<0.2
1124251	Soil	25	56	1.05	371	0.165	<1	1.97	0.008	0.43	<0.1	<0.01	4.0	0.5	<0.05	7	1.5	<0.2
1124018	Soil	10	36	0.66	204	0.126	<1	1.74	0.010	0.29	0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1124007	Soil	26	38	0.44	225	0.039	<1	1.67	0.006	0.06	<0.1	<0.01	3.6	0.1	<0.05	4	<0.5	<0.2
1112687	Soil	52	161	2.36	4298	0.394	<1	4.67	0.108	2.13	<0.1	<0.01	11.3	0.5	<0.05	12	<0.5	<0.2
1112685	Soil	15	91	0.82	199	0.045	<1	2.21	0.009	0.08	0.3	0.02	3.2	0.2	<0.05	6	3.3	<0.2
1124030	Soil	9	41	0.65	148	0.121	1	1.62	0.007	0.37	<0.1	0.02	2.5	0.3	<0.05	5	<0.5	<0.2
1124008	Soil	8	41	0.80	255	0.120	<1	2.16	0.008	0.31	0.1	0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1112682	Soil	7	43	0.99	277	0.140	<1	1.94	0.016	0.83	<0.1	<0.01	4.0	0.4	<0.05	6	<0.5	<0.2
1112684	Soil	19	46	1.21	323	0.170	<1	2.00	0.018	0.89	<0.1	<0.01	2.6	0.6	0.27	6	1.1	<0.2
1124275	Soil	13	50	1.18	557	0.261	<1	2.22	0.009	0.78	<0.1	0.01	4.0	0.4	<0.05	8	<0.5	<0.2
1124029	Soil	11	36	0.58	149	0.093	1	1.63	0.014	0.21	0.1	0.01	2.5	0.2	<0.05	5	<0.5	<0.2
1112683	Soil	14	27	0.45	174	0.054	<1	1.19	0.012	0.18	0.1	<0.01	1.8	0.2	0.16	5	2.0	<0.2
1112690	Soil	11	43	1.04	302	0.238	<1	1.89	0.013	1.03	<0.1	<0.01	3.1	0.4	0.20	6	0.7	<0.2
1112689	Soil	13	45	1.04	361	0.216	<1	1.97	0.015	0.90	<0.1	<0.01	4.0	0.4	0.23	6	1.1	<0.2
1124017	Soil	10	36	0.70	250	0.128	<1	1.66	0.012	0.25	0.1	0.02	3.6	0.3	<0.05	5	<0.5	<0.2
1124274	Soil	28	84	1.21	427	0.286	<1	3.35	0.017	0.59	<0.1	0.02	5.9	0.2	<0.05	9	<0.5	<0.2
1124254	Soil	11	51	0.90	239	0.192	<1	1.63	0.005	0.77	<0.1	0.03	3.8	0.5	<0.05	7	0.9	<0.2
1124263	Soil	13	26	0.53	210	0.043	<1	1.34	0.005	0.16	<0.1	<0.01	2.3	<0.1	<0.05	4	1.2	<0.2
1124259	Soil	13	97	1.08	399	0.293	<1	2.37	0.007	1.03	<0.1	<0.01	9.8	0.3	<0.05	9	1.0	<0.2
1124264	Soil	62	34	0.72	534	0.144	<1	2.37	0.010	0.63	<0.1	0.01	4.7	0.3	<0.05	7	0.6	<0.2
1124253	Soil	12	51	0.92	364	0.175	<1	1.96	0.010	0.47	<0.1	0.02	6.7	0.2	<0.05	7	1.4	<0.2
1124262	Soil	15	41	0.82	365	0.196	<1	1.89	0.008	0.78	<0.1	<0.01	3.3	0.3	0.09	5	0.7	<0.2
1124261	Soil	13	25	0.57	169	0.144	<1	1.37	0.008	0.46	<0.1	<0.01	3.4	0.2	<0.05	4	0.5	<0.2
1112688	Soil	16	38	0.48	308	0.076	1	2.08	0.012	0.07	<0.1	0.03	4.5	0.1	<0.05	6	0.5	<0.2
1124252	Soil	13	65	1.01	323	0.193	<1	1.94	0.009	0.55	<0.1	<0.01	6.2	0.3	<0.05	8	<0.5	<0.2
1124256	Soil	10	56	0.79	229	0.146	<1	2.02	0.012	0.22	<0.1	<0.01	4.8	0.1	<0.05	7	<0.5	<0.2
1124260	Soil	14	35	0.59	209	0.155	<1	1.50	0.005	0.66	<0.1	0.01	4.2	0.2	<0.05	5	0.9	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: December 05, 2011

Page: 4 of 12 Part 1

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1124266	Soil	1.3	47.2	7.6	62	0.2	11.0	4.6	114	2.98	1.6	0.6	<0.5	3.2	17	<0.1	0.1	0.2	53	0.06
1124257	Soil	0.7	30.6	7.7	69	<0.1	20.9	6.3	277	2.29	3.1	0.5	3.9	2.6	6	<0.1	0.2	0.1	54	0.06
1124255	Soil	1.6	39.4	6.6	78	0.1	19.0	4.8	390	2.62	1.6	0.6	<0.5	1.6	12	0.1	<0.1	0.1	62	0.08
1124258	Soil	0.8	33.6	7.5	71	<0.1	24.9	8.4	350	2.69	5.8	1.0	5.2	3.3	10	<0.1	0.3	0.2	71	0.10
1107339	Soil	1.5	11.2	7.7	28	0.4	5.6	1.9	88	1.29	4.4	0.5	2.7	0.8	12	0.2	0.3	0.3	50	0.09
1124277	Soil	1.1	64.5	8.7	93	0.2	38.8	11.8	312	2.94	2.4	2.4	3.2	6.7	14	0.1	0.2	0.3	49	0.27
1124268	Soil	1.6	56.0	11.7	107	<0.1	38.7	9.8	305	3.83	1.1	1.9	3.4	6.4	16	<0.1	0.1	0.2	77	0.18
1124269	Soil	1.6	57.8	11.5	111	<0.1	40.1	10.0	342	3.96	0.9	1.9	3.5	6.3	16	<0.1	<0.1	0.2	78	0.19
1107343	Soil	4.5	96.7	6.6	97	0.5	18.4	3.9	195	3.25	1.5	3.2	30.8	2.0	25	0.6	0.3	0.3	87	0.12
1107331	Soil	1.9	74.2	6.2	186	0.2	66.0	13.8	257	4.01	1.1	0.9	2.7	1.3	24	0.5	<0.1	0.3	75	0.11
1124273	Soil	1.4	36.0	10.6	83	<0.1	21.1	8.8	183	3.34	2.3	1.3	3.2	7.1	9	<0.1	0.2	0.2	49	0.07
1124271	Soil	0.6	19.2	7.6	60	<0.1	13.6	5.7	234	2.25	1.9	1.4	1.4	7.0	9	<0.1	0.2	0.1	30	0.08
1107338	Soil	3.1	36.9	8.4	41	0.2	12.9	4.7	122	2.27	7.4	1.3	8.0	2.5	15	0.1	0.6	0.2	57	0.07
1107340	Soil	12.0	31.4	11.1	84	1.2	12.7	3.6	183	3.00	6.6	2.4	3.0	1.0	43	0.7	0.6	0.2	106	0.10
1124265	Soil	0.4	8.4	4.0	55	<0.1	5.0	2.9	173	1.75	0.5	1.9	0.7	10.3	2	<0.1	<0.1	<0.1	11	0.02
1124267	Soil	1.2	71.5	7.4	109	<0.1	32.5	12.4	303	3.97	2.5	1.2	1.6	4.6	10	<0.1	0.2	0.2	123	0.10
1107337	Soil	8.2	24.0	10.2	52	1.1	11.4	4.0	169	3.11	6.6	1.5	1.8	2.0	27	0.3	0.6	0.2	80	0.11
1107341	Soil	3.3	70.4	6.2	110	0.3	22.1	6.1	212	3.22	3.0	1.9	3.2	1.8	27	0.1	0.3	0.2	70	0.15
1124270	Soil	0.7	22.8	6.7	60	<0.1	10.8	4.9	240	2.53	2.1	1.5	2.7	9.1	5	<0.1	0.2	0.3	31	0.03
1124272	Soil	1.2	39.9	4.9	89	<0.1	13.3	4.8	319	3.71	1.3	0.8	0.7	3.3	12	<0.1	<0.1	0.1	57	0.07
1107347	Soil	1.6	37.6	7.8	100	0.2	35.4	11.0	343	2.53	7.1	1.9	2.2	3.4	23	0.3	0.5	0.2	66	0.29
1107351	Soil	1.1	45.9	5.6	66	<0.1	26.8	11.1	388	2.71	5.9	1.1	4.1	3.4	17	<0.1	0.3	0.2	69	0.26
1107332	Soil	5.6	89.9	7.6	164	0.3	42.9	18.7	407	3.29	5.8	2.8	4.1	3.7	23	0.5	0.5	0.2	141	0.11
1107336	Soil	3.8	16.9	9.5	45	0.7	15.7	6.9	192	3.04	12.9	0.6	2.8	2.3	16	0.2	0.7	0.2	71	0.10
1107346	Soil	8.8	254.4	8.5	4145	1.1	777.5	50.1	769	3.80	3.1	4.3	4.3	3.1	21	11.7	0.5	0.2	263	0.68
1107350	Soil	1.7	31.5	8.4	56	0.2	23.6	9.3	206	2.81	7.8	0.7	2.1	2.9	17	0.1	0.4	0.2	72	0.20
1107342	Soil	3.3	89.5	5.5	95	0.3	20.6	4.6	172	3.32	2.3	2.7	30.6	1.9	20	0.5	0.3	0.3	91	0.13
1107335	Soil	1.9	51.8	6.6	107	0.2	14.3	5.1	210	3.48	3.1	0.8	4.4	1.9	26	0.1	0.2	0.4	62	0.12
1107345	Soil	4.0	94.1	7.6	270	0.6	85.5	12.2	274	2.74	5.8	1.7	1.9	2.2	17	1.1	0.4	0.2	161	0.13
1107349	Soil	2.6	81.0	6.3	77	0.2	34.4	8.9	201	3.23	5.5	1.5	5.1	2.2	16	0.1	0.3	0.1	82	0.11



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

4 of 12

Part 2

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1124266	Soil	9	28	0.68	450	0.149	<1	1.85	0.013	0.62	<0.1	<0.01	2.9	0.3	0.14	5	1.0	<0.2
1124257	Soil	10	35	0.63	246	0.156	<1	1.48	0.006	0.50	<0.1	<0.01	3.1	0.2	<0.05	5	0.6	<0.2
1124255	Soil	7	26	0.69	288	0.163	<1	1.56	0.006	0.52	<0.1	<0.01	2.6	0.2	0.09	6	0.9	<0.2
1124258	Soil	15	38	0.73	287	0.150	<1	1.80	0.009	0.30	<0.1	0.01	4.9	0.2	<0.05	5	<0.5	<0.2
1107339	Soil	9	15	0.13	222	0.038	<1	0.60	0.005	0.03	0.1	0.01	0.8	<0.1	<0.05	5	<0.5	<0.2
1124277	Soil	24	36	0.69	337	0.120	2	1.70	0.011	0.57	<0.1	0.03	3.9	0.3	<0.05	6	<0.5	<0.2
1124268	Soil	20	51	0.95	674	0.132	<1	2.10	0.009	0.51	<0.1	<0.01	5.0	0.2	<0.05	8	1.1	<0.2
1124269	Soil	19	50	1.00	706	0.141	<1	2.10	0.010	0.54	<0.1	<0.01	5.2	0.3	<0.05	8	1.4	<0.2
1107343	Soil	7	51	1.33	401	0.134	<1	2.07	0.025	0.76	<0.1	0.01	4.1	0.7	0.14	7	3.4	<0.2
1107331	Soil	5	60	1.45	493	0.207	<1	2.53	0.033	1.30	<0.1	<0.01	5.2	0.7	0.14	8	<0.5	<0.2
1124273	Soil	19	27	0.60	278	0.119	<1	1.82	0.008	0.41	<0.1	<0.01	2.9	0.3	<0.05	6	<0.5	<0.2
1124271	Soil	19	18	0.51	264	0.115	<1	1.26	0.007	0.48	<0.1	<0.01	2.8	0.3	<0.05	4	0.5	<0.2
1107338	Soil	8	27	0.35	268	0.043	<1	1.34	0.008	0.06	0.2	0.01	2.0	0.1	<0.05	5	0.7	<0.2
1107340	Soil	17	30	0.28	243	0.035	<1	1.16	0.018	0.11	0.4	0.01	1.4	0.3	0.11	6	3.1	<0.2
1124265	Soil	24	7	0.51	153	0.081	<1	1.17	0.005	0.44	<0.1	<0.01	1.0	0.2	<0.05	4	<0.5	<0.2
1124267	Soil	16	84	1.16	650	0.267	<1	2.69	0.009	0.85	<0.1	<0.01	5.9	0.4	<0.05	9	<0.5	<0.2
1107337	Soil	9	30	0.50	235	0.049	<1	1.23	0.024	0.17	0.2	<0.01	1.9	0.3	0.19	5	2.8	<0.2
1107341	Soil	9	51	1.21	412	0.153	<1	2.21	0.026	0.74	<0.1	0.02	4.7	0.5	0.10	8	0.7	<0.2
1124270	Soil	21	17	0.59	193	0.127	<1	1.55	0.006	0.55	<0.1	<0.01	2.7	0.3	<0.05	5	<0.5	<0.2
1124272	Soil	10	32	0.95	435	0.254	<1	2.16	0.013	1.08	<0.1	<0.01	3.4	0.7	0.08	6	1.0	<0.2
1107347	Soil	14	39	0.54	454	0.066	1	1.52	0.013	0.06	0.1	0.03	4.0	<0.1	0.08	5	<0.5	<0.2
1107351	Soil	14	31	0.75	734	0.132	2	1.62	0.015	0.26	0.1	0.02	5.1	0.2	<0.05	6	<0.5	<0.2
1107332	Soil	16	47	0.65	419	0.090	2	1.73	0.010	0.15	0.2	0.04	4.9	0.4	0.08	5	1.6	<0.2
1107336	Soil	8	34	0.45	172	0.044	1	1.69	0.012	0.07	0.2	0.04	2.1	0.2	0.08	6	0.5	<0.2
1107346	Soil	20	86	1.43	981	0.079	1	2.45	0.008	0.41	<0.1	0.03	5.6	0.4	<0.05	8	<0.5	<0.2
1107350	Soil	12	38	0.46	350	0.097	1	1.79	0.009	0.21	0.1	0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1107342	Soil	7	54	1.31	468	0.170	<1	2.20	0.025	0.86	<0.1	0.02	4.2	0.7	0.25	7	2.1	<0.2
1107335	Soil	8	45	1.27	345	0.156	<1	2.22	0.028	0.90	<0.1	<0.01	3.4	0.7	0.31	7	<0.5	<0.2
1107345	Soil	13	70	0.65	369	0.086	<1	1.96	0.010	0.14	0.1	0.02	3.1	0.3	0.07	7	0.8	<0.2
1107349	Soil	12	48	0.61	468	0.151	<1	1.59	0.009	0.56	<0.1	0.02	3.8	0.4	0.12	6	0.6	0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

5 of 12

Part 1

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1107353	Soil	1.0	40.9	5.5	71	0.1	25.7	8.6	195	2.41	5.5	0.8	4.8	2.7	19	<0.1	0.3	0.1	84	0.27	0.067
1107334	Soil	4.3	57.7	7.2	87	0.4	16.7	5.3	259	2.65	4.5	1.6	3.0	3.4	15	0.3	0.4	0.2	93	0.09	0.040
1107344	Soil	4.2	25.2	7.6	53	0.5	9.7	2.8	159	2.05	4.0	0.8	1.3	2.0	16	0.3	0.3	0.2	113	0.08	0.061
1107348	Soil	1.7	94.0	6.4	86	<0.1	45.6	14.2	288	3.63	7.6	1.2	4.6	2.9	13	<0.1	0.3	0.2	84	0.19	0.058
1107352	Soil	1.0	44.5	3.4	68	0.1	22.6	6.3	121	2.08	2.9	0.9	2.5	2.1	15	<0.1	0.2	<0.1	79	0.21	0.071
1107333	Soil	2.2	43.9	7.5	61	0.3	23.8	8.6	230	2.43	7.1	2.2	4.7	3.9	18	0.1	0.5	0.1	77	0.16	0.022
1124410	Soil	0.5	41.8	10.1	95	<0.1	77.1	17.7	805	3.88	2.7	0.8	<0.5	6.2	23	0.1	<0.1	0.2	128	0.46	0.047
1107323	Soil	4.1	40.3	6.1	49	0.3	15.8	5.2	209	1.96	5.6	2.4	2.7	2.9	18	0.2	0.5	0.1	61	0.11	0.033
1107327	Soil	2.1	98.1	7.4	109	0.1	54.8	17.6	313	3.89	3.6	1.2	1.0	3.2	12	0.5	0.1	0.2	116	0.16	0.064
1107319	Soil	2.2	182.6	6.1	163	0.2	88.4	19.7	212	3.68	2.2	2.1	1.8	3.7	14	0.3	0.1	0.1	121	0.20	0.061
1124411	Soil	1.1	54.3	8.3	65	<0.1	169.9	21.8	277	3.14	3.2	1.1	1.2	6.0	34	<0.1	<0.1	0.1	117	0.61	0.030
1107324	Soil	5.0	47.7	10.8	96	1.0	20.1	8.2	406	3.63	8.2	2.1	2.6	4.0	33	0.2	0.5	0.2	120	0.16	0.062
1107328	Soil	0.9	94.1	5.9	112	<0.1	76.9	21.2	335	3.63	3.0	1.2	2.7	4.2	19	0.2	0.2	0.1	97	0.20	0.050
1107320	Soil	5.6	80.7	9.2	296	0.6	73.9	12.6	521	3.41	3.3	1.6	7.9	2.6	32	1.0	0.2	0.2	101	0.11	0.059
1124408	Soil	0.6	80.3	7.8	62	<0.1	60.1	18.3	559	3.46	6.3	0.8	48.4	2.5	26	0.1	0.3	0.1	98	0.34	0.042
1107321	Soil	5.3	78.3	9.4	104	0.5	14.1	3.1	206	2.83	3.4	2.4	2.6	1.9	17	0.6	0.2	0.2	88	0.10	0.046
1107326	Soil	2.2	96.0	6.9	122	0.1	43.4	13.4	344	4.00	2.3	1.1	0.9	2.3	13	0.4	0.1	0.2	107	0.10	0.049
1107329	Soil	8.1	71.5	8.6	136	1.1	37.0	7.7	232	3.19	6.0	4.1	3.9	3.6	24	0.4	0.5	0.2	167	0.17	0.073
1124409	Soil	0.8	26.6	11.3	64	<0.1	91.0	15.6	521	3.83	4.7	0.5	<0.5	3.5	10	0.1	0.2	0.2	103	0.16	0.032
1107322	Soil	4.4	30.0	11.7	74	0.7	19.9	9.5	308	3.35	9.7	0.9	1.0	2.8	15	0.3	0.6	0.2	94	0.09	0.044
1107325	Soil	3.4	35.9	10.1	60	0.5	20.5	8.1	213	2.99	10.1	1.3	3.2	3.5	15	0.1	0.5	0.2	102	0.11	0.035
1107330	Soil	2.6	22.8	9.5	65	0.3	19.0	6.6	178	3.46	10.8	0.7	4.8	3.0	12	0.3	0.5	0.2	83	0.12	0.049
1124429	Soil	0.9	33.7	9.2	79	<0.1	45.5	12.3	382	3.27	6.0	1.0	2.1	5.7	20	0.1	0.4	0.2	83	0.22	0.025
1124425	Soil	1.1	33.3	8.7	85	0.1	40.7	12.6	346	3.36	4.0	0.9	1.4	5.8	13	<0.1	0.2	0.2	67	0.12	0.030
1124404	Soil	0.6	38.0	8.1	75	0.1	65.9	14.2	648	3.18	5.6	1.4	3.5	5.7	46	0.1	0.3	0.1	88	0.67	0.057
1124414	Soil	0.7	49.5	7.0	61	<0.1	18.9	13.2	371	3.28	7.6	0.8	10.6	3.0	16	<0.1	0.4	0.2	109	0.28	0.070
1124430	Soil	1.0	46.1	12.1	105	<0.1	133.6	20.5	830	4.69	4.5	1.2	<0.5	9.5	25	0.2	0.1	0.2	126	0.31	0.049
1124426	Soil	0.9	33.8	8.9	84	<0.1	38.2	11.9	339	3.32	4.1	1.0	1.7	6.8	13	<0.1	0.1	0.2	65	0.10	0.030
1124405	Soil	0.7	26.4	9.4	58	<0.1	32.0	11.5	455	2.73	10.0	0.8	5.9	4.5	24	<0.1	0.5	0.2	57	0.32	0.070
1124413	Soil	0.6	57.1	11.2	75	0.2	27.3	12.5	842	2.99	5.3	1.0	2.5	4.7	30	0.3	0.3	0.2	87	0.48	0.065



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

5 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1107353	Soil	12	38	0.58	598	0.125	1	1.42	0.010	0.20	0.1	0.01	3.9	0.1	<0.05	5	<0.5	<0.2
1107334	Soil	13	39	0.91	440	0.087	<1	1.85	0.010	0.31	<0.1	<0.01	2.7	0.4	0.09	6	1.5	<0.2
1107344	Soil	10	31	0.45	194	0.046	<1	1.02	0.013	0.16	<0.1	<0.01	1.5	0.2	0.19	5	1.1	<0.2
1107348	Soil	12	58	0.81	440	0.206	<1	2.02	0.008	0.87	<0.1	0.02	5.2	0.4	0.08	7	<0.5	<0.2
1107352	Soil	10	38	0.46	523	0.122	<1	1.09	0.006	0.37	<0.1	<0.01	2.6	0.2	<0.05	4	<0.5	<0.2
1107333	Soil	17	37	0.54	321	0.066	<1	1.56	0.009	0.05	0.1	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1124410	Soil	18	160	2.33	964	0.289	1	4.21	0.024	1.47	0.2	<0.01	10.1	0.6	<0.05	14	<0.5	<0.2
1107323	Soil	14	30	0.61	1456	0.060	<1	1.35	0.009	0.09	0.1	0.04	3.1	0.2	0.11	4	1.7	<0.2
1107327	Soil	14	111	2.04	1159	0.221	<1	3.52	0.032	0.94	<0.1	<0.01	6.4	0.4	0.08	12	<0.5	<0.2
1107319	Soil	17	129	1.77	1256	0.203	<1	3.28	0.011	0.73	<0.1	0.02	7.5	0.5	<0.05	11	<0.5	<0.2
1124411	Soil	33	252	2.57	758	0.202	1	4.11	0.098	0.67	<0.1	<0.01	6.8	0.3	<0.05	11	<0.5	<0.2
1107324	Soil	18	57	0.88	766	0.077	1	2.20	0.018	0.17	0.2	0.02	4.8	0.3	0.22	7	1.3	<0.2
1107328	Soil	19	107	1.81	1352	0.188	<1	2.88	0.019	0.88	<0.1	<0.01	6.6	0.4	<0.05	10	0.5	<0.2
1107320	Soil	14	101	1.30	724	0.153	<1	3.00	0.014	0.48	<0.1	0.02	5.0	0.4	0.15	10	0.7	<0.2
1124408	Soil	16	101	1.57	346	0.137	<1	2.82	0.013	0.21	<0.1	0.02	6.6	0.2	0.05	9	<0.5	<0.2
1107321	Soil	11	46	1.07	363	0.097	<1	1.77	0.016	0.43	<0.1	0.02	2.6	0.7	0.30	6	2.3	<0.2
1107326	Soil	9	91	2.04	1145	0.227	<1	3.53	0.034	1.20	<0.1	<0.01	6.5	0.5	0.15	12	<0.5	<0.2
1107329	Soil	17	55	0.77	488	0.098	<1	1.91	0.011	0.13	0.3	0.05	3.8	0.3	0.14	6	2.8	<0.2
1124409	Soil	13	138	1.66	488	0.203	<1	3.36	0.012	0.61	0.1	0.01	6.3	0.2	<0.05	11	<0.5	<0.2
1107322	Soil	11	43	0.63	732	0.076	<1	2.45	0.010	0.09	0.1	0.02	2.6	0.2	0.16	8	0.6	<0.2
1107325	Soil	13	44	0.70	407	0.072	1	2.28	0.010	0.10	0.1	0.04	2.8	0.3	0.13	6	0.7	<0.2
1107330	Soil	11	35	0.46	193	0.060	<1	1.74	0.007	0.05	0.2	0.03	2.3	0.1	<0.05	6	0.7	<0.2
1124429	Soil	21	65	1.10	631	0.175	<1	2.71	0.016	0.44	<0.1	0.04	5.4	0.3	<0.05	7	<0.5	<0.2
1124425	Soil	15	47	0.98	341	0.152	<1	2.33	0.011	0.55	<0.1	0.02	3.5	0.3	0.06	7	<0.5	<0.2
1124404	Soil	21	103	1.52	713	0.204	<1	3.00	0.103	0.58	0.2	0.02	7.4	0.3	0.05	9	<0.5	<0.2
1124414	Soil	15	35	1.11	534	0.092	1	2.18	0.011	0.14	0.1	0.02	6.3	0.2	<0.05	7	<0.5	<0.2
1124430	Soil	17	216	2.48	1026	0.310	1	5.08	0.049	1.21	0.2	0.02	11.7	0.4	<0.05	15	<0.5	<0.2
1124426	Soil	13	48	0.95	325	0.157	<1	2.20	0.010	0.55	<0.1	0.02	3.8	0.3	<0.05	6	<0.5	<0.2
1124405	Soil	18	39	0.65	308	0.096	2	1.71	0.017	0.14	0.1	0.03	4.2	0.1	<0.05	5	<0.5	<0.2
1124413	Soil	23	36	1.17	757	0.147	4	2.26	0.016	0.41	0.1	0.03	7.9	0.2	<0.05	8	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

6 of 12 Part 1

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1124431	Soil	0.9	50.4	12.2	89	<0.1	103.2	20.2	811	4.50	4.1	1.3	<0.5	9.9	23	<0.1	0.2	0.2	109	0.23
1124427	Soil	0.9	36.2	8.5	86	<0.1	37.5	10.1	253	3.43	3.5	0.8	<0.5	5.1	8	<0.1	0.1	0.2	72	0.07
1124407	Soil	0.9	27.5	10.6	52	<0.1	23.3	7.6	228	2.62	8.9	0.8	1.5	1.4	15	0.1	0.4	0.2	60	0.15
1124402	Soil	1.2	46.5	10.9	74	<0.1	36.3	13.3	654	3.17	7.2	0.9	1.0	6.1	13	<0.1	0.3	0.2	75	0.16
1124432	Soil	0.6	33.7	8.3	71	<0.1	74.6	14.3	605	3.41	3.7	1.1	1.1	6.8	63	<0.1	0.1	0.2	88	0.29
1124428	Soil	0.8	24.1	6.6	56	<0.1	13.3	3.6	197	1.88	2.9	0.6	<0.5	1.8	7	<0.1	0.1	0.2	65	0.06
1124406	Soil	1.1	29.3	7.1	72	0.2	94.8	16.8	544	3.27	2.7	0.9	<0.5	3.3	17	0.2	0.1	0.1	83	0.34
1124403	Soil	1.0	38.9	6.7	84	<0.1	27.0	9.7	633	3.57	2.9	1.2	<0.5	10.1	19	<0.1	0.1	0.2	64	0.15
1124417	Soil	0.7	54.6	9.2	74	0.1	73.5	25.1	693	5.28	5.7	0.6	2.4	3.1	22	0.1	0.3	0.1	163	0.23
1124421	Soil	0.8	27.0	9.1	50	0.1	26.3	8.8	238	2.43	6.9	0.9	6.1	2.7	20	<0.1	0.3	0.2	53	0.22
1124412	Soil	0.8	61.8	7.0	79	<0.1	164.6	21.8	415	3.28	1.3	1.2	0.5	7.0	34	<0.1	<0.1	0.2	94	0.43
1124433	Soil	0.9	47.3	8.9	79	<0.1	64.9	14.6	616	3.81	4.7	1.1	2.4	7.5	19	<0.1	0.2	0.2	95	0.17
1124416	Soil	0.8	35.0	10.1	70	<0.1	46.3	11.8	510	3.09	5.1	1.1	1.0	3.7	23	0.2	0.2	0.2	83	0.31
1124420	Soil	0.7	31.6	9.4	34	0.2	20.6	3.8	113	1.71	1.9	1.4	1.3	0.4	20	0.6	0.1	0.2	36	0.13
1124424	Soil	1.2	16.2	10.8	46	<0.1	23.3	5.1	180	2.71	4.2	0.5	1.2	2.6	9	0.2	0.3	0.2	82	0.06
1124435	Soil	0.9	29.7	9.9	62	<0.1	45.1	11.0	410	3.07	7.1	1.2	3.9	6.3	20	<0.1	0.3	0.2	69	0.23
1257522	Soil	0.9	32.4	8.9	53	<0.1	38.8	10.0	183	2.85	5.9	0.8	2.4	2.5	11	<0.1	0.3	0.2	68	0.13
1124419	Soil	0.9	29.7	11.2	67	0.2	29.5	9.4	203	3.33	4.2	0.7	0.8	4.0	51	0.1	0.3	0.2	81	0.17
1124423	Soil	1.5	44.0	9.5	79	0.2	71.8	16.0	534	3.60	5.3	1.3	1.7	5.2	32	0.2	0.3	0.2	90	0.22
1124434	Soil	0.7	50.4	8.8	98	<0.1	171.9	21.6	648	3.89	3.5	1.2	1.8	7.3	30	0.1	0.2	0.2	105	0.38
1257521	Soil	1.1	46.8	7.6	94	<0.1	38.7	12.6	196	3.24	3.6	0.9	1.7	2.7	10	<0.1	0.2	0.3	71	0.13
1124418	Soil	1.2	75.2	16.2	79	0.4	13.6	5.4	183	3.81	3.3	1.5	2.5	6.8	39	<0.1	0.2	0.4	56	0.16
1124422	Soil	1.0	32.2	9.0	79	0.1	37.8	8.9	422	3.51	3.1	0.8	0.6	3.6	13	0.2	0.2	0.2	98	0.09
1124415	Soil	0.9	32.2	12.1	72	0.2	42.2	12.3	509	3.12	5.7	1.1	1.4	5.3	21	<0.1	0.3	0.2	75	0.33
1257512	Soil	0.7	50.9	7.6	60	<0.1	72.7	14.4	175	3.42	3.6	0.7	1.4	2.1	9	<0.1	0.2	0.3	87	0.11
1257526	Soil	1.1	24.8	10.0	64	<0.1	30.3	8.4	161	2.71	5.7	0.8	2.7	2.3	13	0.1	0.3	0.2	63	0.12
1257529	Soil	0.8	21.7	9.3	55	0.2	21.0	8.0	107	2.47	4.4	1.6	1.9	4.2	24	<0.1	0.2	0.2	48	0.16
1257532	Soil	0.6	21.1	9.1	51	<0.1	22.2	9.8	171	2.47	3.8	1.0	1.4	4.1	61	0.1	0.2	0.1	48	0.15
1257514	Soil	0.7	39.7	5.7	34	<0.1	24.5	7.2	78	2.61	1.0	0.9	0.8	1.2	7	0.1	<0.1	0.4	62	0.15
1257524	Soil	0.9	26.8	8.6	60	<0.1	28.3	9.1	214	2.65	6.0	0.9	2.8	3.2	14	0.1	0.3	0.2	58	0.16



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: December 05, 2011

Page: 6 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1124431	Soil	40	153	1.88	735	0.286	<1	4.00	0.014	1.33	0.1	0.01	10.3	0.6	<0.05	12	<0.5	<0.2
1124427	Soil	12	48	0.97	277	0.169	<1	2.35	0.008	0.63	<0.1	0.02	4.1	0.3	<0.05	7	0.5	<0.2
1124407	Soil	11	39	0.53	160	0.068	2	1.68	0.007	0.08	<0.1	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
1124402	Soil	20	44	0.98	399	0.158	<1	2.61	0.014	0.26	0.2	0.02	7.3	0.2	<0.05	7	<0.5	<0.2
1124432	Soil	16	140	1.81	792	0.227	<1	3.19	0.027	0.76	0.1	0.01	8.3	0.3	<0.05	10	<0.5	<0.2
1124428	Soil	8	27	0.60	659	0.125	<1	1.34	0.008	0.34	<0.1	0.02	1.8	0.1	<0.05	5	<0.5	<0.2
1124406	Soil	16	125	1.35	360	0.224	<1	2.22	0.015	0.35	<0.1	0.02	3.0	0.2	<0.05	8	<0.5	<0.2
1124403	Soil	31	55	1.50	525	0.266	<1	2.77	0.012	0.94	<0.1	<0.01	5.8	0.4	<0.05	9	0.7	<0.2
1124417	Soil	14	128	1.53	283	0.288	1	3.62	0.011	0.33	<0.1	0.02	12.1	0.2	<0.05	10	0.6	<0.2
1124421	Soil	14	35	0.57	269	0.078	<1	1.62	0.013	0.12	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1124412	Soil	21	226	2.48	958	0.251	3	3.17	0.048	0.98	<0.1	<0.01	4.6	0.4	<0.05	10	<0.5	<0.2
1124433	Soil	20	97	1.48	507	0.249	<1	3.21	0.017	1.03	0.1	0.01	8.1	0.4	<0.05	10	<0.5	<0.2
1124416	Soil	15	85	1.20	579	0.177	1	2.72	0.031	0.50	0.1	0.02	5.8	0.2	<0.05	9	<0.5	<0.2
1124420	Soil	13	30	0.37	270	0.038	<1	1.43	0.009	0.28	<0.1	0.04	0.8	0.1	0.06	5	0.6	<0.2
1124424	Soil	8	40	0.58	181	0.145	<1	1.62	0.009	0.23	<0.1	0.03	3.4	0.1	<0.05	9	<0.5	<0.2
1124435	Soil	21	72	1.04	383	0.163	2	2.42	0.016	0.30	0.1	0.03	6.1	0.2	<0.05	7	<0.5	<0.2
1257522	Soil	10	49	0.73	181	0.122	1	1.98	0.008	0.32	0.1	0.02	3.5	0.3	<0.05	6	<0.5	<0.2
1124419	Soil	10	33	0.80	470	0.149	<1	2.47	0.013	0.60	<0.1	0.03	4.1	0.3	<0.05	7	<0.5	<0.2
1124423	Soil	16	95	1.23	471	0.187	<1	2.80	0.022	0.56	0.1	0.02	5.7	0.2	<0.05	8	<0.5	<0.2
1124434	Soil	28	233	2.09	618	0.231	<1	3.34	0.021	1.13	0.1	0.02	8.7	0.5	<0.05	10	<0.5	<0.2
1257521	Soil	8	42	0.77	224	0.176	<1	1.96	0.012	0.63	<0.1	<0.01	2.8	0.4	<0.05	6	<0.5	<0.2
1124418	Soil	29	26	0.89	410	0.121	<1	2.33	0.023	0.89	<0.1	0.01	3.3	0.5	0.34	5	2.2	<0.2
1124422	Soil	15	80	1.13	417	0.237	<1	2.36	0.015	0.64	0.1	0.02	6.3	0.2	0.07	10	<0.5	<0.2
1124415	Soil	18	60	1.13	425	0.157	<1	2.70	0.014	0.37	0.2	0.02	5.7	0.2	<0.05	8	<0.5	<0.2
1257512	Soil	8	92	1.06	251	0.187	<1	2.26	0.015	0.78	<0.1	0.01	4.3	0.5	<0.05	7	<0.5	<0.2
1257526	Soil	13	41	0.62	132	0.109	<1	1.62	0.008	0.23	0.1	0.02	2.6	0.2	<0.05	6	0.5	<0.2
1257529	Soil	20	27	0.51	182	0.089	<1	1.66	0.009	0.25	<0.1	0.02	2.5	0.3	<0.05	5	0.6	<0.2
1257532	Soil	15	27	0.56	430	0.093	<1	1.66	0.007	0.29	<0.1	<0.01	2.7	0.2	<0.05	5	<0.5	<0.2
1257514	Soil	9	40	0.69	247	0.119	<1	1.59	0.023	0.72	<0.1	0.02	2.1	0.3	<0.05	5	0.6	<0.2
1257524	Soil	12	36	0.64	177	0.105	1	1.79	0.008	0.21	0.1	0.02	2.9	0.3	<0.05	5	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: December 05, 2011

Page: 7 of 12 Part 1

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1257527	Soil	1.1	36.4	9.8	60	0.3	30.4	9.7	200	2.90	5.8	1.2	2.2	2.5	12	0.1	0.3	0.2	58	0.15
1257531	Soil	0.8	23.4	9.1	52	0.1	20.9	8.3	168	2.50	5.4	1.0	2.1	2.1	31	0.1	0.3	0.2	48	0.14
1257518	Soil	1.0	40.7	7.7	72	<0.1	34.3	10.9	200	3.02	5.8	0.8	2.5	2.4	12	<0.1	0.3	0.2	67	0.13
1257519	Soil	1.0	28.3	9.1	67	<0.1	28.3	9.3	223	2.83	8.3	0.7	2.0	2.7	12	0.1	0.5	0.2	61	0.11
1257525	Soil	0.8	36.8	8.1	66	<0.1	33.2	10.0	189	2.76	4.3	1.2	3.6	4.2	15	0.1	0.3	0.2	56	0.18
1257530	Soil	0.8	21.4	8.8	57	0.2	21.7	9.6	172	2.70	3.7	1.0	0.6	2.8	62	0.1	0.3	0.2	50	0.18
1257516	Soil	0.9	33.0	9.5	44	<0.1	27.4	7.1	119	2.77	4.5	0.6	0.8	1.0	8	<0.1	0.3	0.3	76	0.07
1257520	Soil	1.2	30.4	8.8	64	<0.1	24.8	9.4	220	2.83	5.9	0.7	1.8	2.2	14	<0.1	0.3	0.2	61	0.16
1257523	Soil	0.7	29.7	7.3	52	<0.1	26.0	8.3	182	2.43	4.7	0.8	1.9	2.5	15	0.2	0.3	0.2	52	0.18
1257528	Soil	0.7	21.1	8.9	50	<0.1	19.5	7.2	124	2.32	3.7	1.4	1.9	2.0	19	<0.1	0.2	0.2	45	0.11
1257506	Soil	0.7	34.5	8.3	60	<0.1	49.6	10.8	221	3.24	6.7	0.8	3.5	2.9	13	<0.1	0.3	0.2	73	0.15
1257509	Soil	0.7	33.4	5.7	61	<0.1	28.9	7.7	97	2.51	2.4	0.7	0.9	0.6	9	<0.1	0.1	0.2	58	0.11
1257501	Soil	1.0	45.8	8.2	73	0.2	47.4	10.2	207	3.05	4.1	0.9	1.4	3.4	12	<0.1	0.2	0.1	67	0.16
1257515	Soil	1.0	42.7	7.2	51	<0.1	39.6	10.6	181	3.16	5.3	0.7	1.7	2.5	11	<0.1	0.3	0.2	67	0.15
1257505	Soil	0.9	36.8	8.7	52	<0.1	42.1	11.6	298	3.39	7.8	0.6	2.4	2.9	13	<0.1	0.3	0.2	78	0.16
1257504	Soil	0.8	44.9	9.6	54	0.2	79.6	12.2	270	3.55	7.6	1.0	6.0	3.4	12	<0.1	0.2	0.2	99	0.16
1257503	Soil	1.0	48.5	8.5	56	0.1	65.0	12.3	231	3.68	4.3	0.7	2.2	2.3	13	<0.1	0.2	0.2	93	0.15
1257513	Soil	0.9	41.2	6.6	57	<0.1	32.5	10.2	121	2.92	3.8	0.8	1.5	2.1	9	<0.1	0.2	0.2	64	0.14
1066723	Soil	4.5	30.2	7.2	71	0.5	9.1	2.6	265	1.57	1.6	2.6	1.3	1.5	16	0.6	0.1	0.1	128	0.06
1257508	Soil	0.6	35.0	8.2	59	<0.1	44.3	13.2	277	3.38	6.2	0.8	3.7	3.2	12	<0.1	0.3	0.2	75	0.15
1257502	Soil	1.1	55.1	7.3	75	0.1	50.6	12.2	190	3.34	5.9	1.5	6.5	3.4	12	<0.1	0.2	0.2	70	0.16
1257511	Soil	0.8	48.2	8.0	59	<0.1	42.8	12.0	186	3.43	5.3	0.7	3.7	2.4	11	<0.1	0.2	0.2	75	0.16
1066719	Soil	0.8	34.4	8.6	61	<0.1	26.6	10.9	360	2.80	8.2	1.0	3.4	3.7	15	<0.1	0.5	0.1	56	0.18
1257507	Soil	0.7	34.2	7.5	49	0.1	38.3	9.7	161	2.87	5.8	0.7	4.1	2.3	15	<0.1	0.3	0.2	65	0.19
1257510	Soil	0.7	40.2	6.9	62	<0.1	37.9	10.5	222	3.15	5.8	0.7	2.8	2.0	14	<0.1	0.3	0.1	70	0.16
1257517	Soil	1.0	30.8	6.4	47	0.2	25.8	6.9	97	2.16	2.8	0.7	0.5	0.5	9	0.2	0.2	0.4	55	0.13
1066734	Soil	3.4	67.0	7.9	70	0.8	11.4	2.6	325	2.20	2.6	2.2	4.1	4.8	34	0.7	0.2	0.1	91	0.13
1066729	Soil	2.4	16.9	10.4	41	0.3	15.2	7.6	251	2.60	9.3	1.7	2.3	3.1	15	0.1	0.5	0.2	61	0.14
1066743	Soil	1.8	68.3	5.2	150	0.2	294.7	59.8	430	3.74	5.6	1.4	6.4	2.4	26	0.2	0.5	0.2	87	0.30
1066731	Soil	2.3	44.4	9.0	67	0.9	24.4	7.2	449	3.35	7.1	2.9	7.8	3.8	36	<0.1	0.5	0.2	89	0.18



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: December 05, 2011

Page: 7 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1257527	Soil	15	38	0.60	199	0.100	1	1.64	0.009	0.24	<0.1	0.03	3.2	0.3	<0.05	5	0.6	<0.2
1257531	Soil	15	26	0.49	274	0.077	<1	1.63	0.007	0.23	<0.1	0.02	2.3	0.2	<0.05	5	<0.5	<0.2
1257518	Soil	9	43	0.76	211	0.125	2	1.80	0.011	0.41	0.1	0.02	3.1	0.3	<0.05	6	<0.5	<0.2
1257519	Soil	10	37	0.62	165	0.092	1	1.82	0.008	0.19	0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
1257525	Soil	16	38	0.67	177	0.113	1	1.74	0.008	0.33	<0.1	0.01	3.1	0.3	<0.05	5	<0.5	<0.2
1257530	Soil	15	26	0.57	400	0.086	<1	1.79	0.007	0.35	<0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
1257516	Soil	8	39	0.55	128	0.116	1	1.51	0.008	0.33	<0.1	0.02	2.1	0.2	<0.05	7	<0.5	<0.2
1257520	Soil	10	32	0.54	198	0.092	1	1.61	0.012	0.21	0.1	0.02	2.5	0.2	<0.05	5	<0.5	<0.2
1257523	Soil	12	33	0.58	246	0.091	1	1.43	0.010	0.19	0.1	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1257528	Soil	20	25	0.46	161	0.073	1	1.58	0.006	0.20	<0.1	0.03	2.1	0.2	<0.05	5	<0.5	<0.2
1257506	Soil	11	60	0.86	217	0.131	<1	2.12	0.012	0.44	0.1	0.01	3.8	0.4	<0.05	7	<0.5	<0.2
1257509	Soil	8	36	0.59	204	0.097	<1	1.55	0.015	0.50	<0.1	0.03	2.1	0.4	<0.05	6	<0.5	<0.2
1257501	Soil	14	57	1.00	399	0.127	<1	2.03	0.010	0.36	0.1	0.02	4.7	0.3	<0.05	7	<0.5	<0.2
1257515	Soil	10	43	0.74	199	0.127	<1	1.95	0.013	0.43	<0.1	<0.01	2.9	0.3	<0.05	6	<0.5	<0.2
1257505	Soil	10	49	0.81	230	0.128	<1	2.00	0.012	0.38	0.1	0.02	3.4	0.3	<0.05	6	<0.5	<0.2
1257504	Soil	12	101	1.19	331	0.164	<1	2.57	0.014	0.57	0.1	0.03	5.7	0.4	<0.05	8	<0.5	<0.2
1257503	Soil	10	82	1.09	302	0.167	<1	2.41	0.016	0.67	<0.1	0.01	4.5	0.4	<0.05	8	<0.5	<0.2
1257513	Soil	10	37	0.70	168	0.125	<1	1.84	0.012	0.39	<0.1	0.01	2.6	0.3	<0.05	6	<0.5	<0.2
1066723	Soil	10	34	0.78	205	0.062	<1	1.34	0.012	0.26	<0.1	0.01	1.7	0.3	0.07	6	3.0	<0.2
1257508	Soil	12	55	0.86	235	0.140	<1	2.19	0.013	0.50	0.1	0.01	3.8	0.5	<0.05	7	<0.5	<0.2
1257502	Soil	13	64	0.92	233	0.132	<1	2.07	0.011	0.40	0.1	0.02	4.4	0.3	<0.05	7	<0.5	<0.2
1257511	Soil	9	50	0.85	245	0.150	<1	2.13	0.013	0.53	<0.1	0.01	3.5	0.4	<0.05	7	<0.5	<0.2
1066719	Soil	16	35	0.62	226	0.062	<1	1.85	0.009	0.08	0.1	0.04	3.9	0.1	<0.05	6	<0.5	<0.2
1257507	Soil	11	47	0.71	180	0.095	<1	1.84	0.011	0.25	0.1	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1257510	Soil	13	52	0.70	250	0.099	<1	1.90	0.010	0.27	<0.1	0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1257517	Soil	8	31	0.48	207	0.078	<1	1.29	0.017	0.42	<0.1	0.04	1.8	0.2	<0.05	6	<0.5	<0.2
1066734	Soil	27	43	1.01	283	0.080	<1	1.69	0.011	0.18	<0.1	<0.01	2.7	0.3	0.18	5	3.6	<0.2
1066729	Soil	14	30	0.43	177	0.051	<1	1.73	0.010	0.05	0.2	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1066743	Soil	11	518	2.72	294	0.116	<1	2.90	0.010	0.17	<0.1	0.03	7.1	0.5	<0.05	9	<0.5	<0.2
1066731	Soil	21	69	1.27	1172	0.167	<1	2.39	0.019	0.29	<0.1	0.04	6.3	0.4	0.09	8	0.7	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

8 of 12

Part 1

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066730	Soil	1.4	32.0	7.2	55	0.6	13.4	5.2	231	2.55	5.6	0.9	12.5	2.3	23	0.1	0.4	0.4	51	0.12	0.031
1066726	Soil	1.2	37.9	5.6	107	0.2	35.0	10.6	232	3.60	2.3	0.6	9.6	1.8	13	0.2	0.2	0.3	96	0.09	0.049
1066739	Soil	2.4	33.5	11.0	54	0.3	21.4	9.1	322	3.01	10.9	2.6	5.7	4.9	16	0.1	0.8	0.3	72	0.12	0.025
1066732	Soil	2.3	78.0	8.6	120	0.4	32.1	9.4	335	3.31	4.9	1.2	17.6	3.4	28	0.3	0.3	0.2	118	0.12	0.042
1066749	Soil	7.4	83.1	9.3	94	2.5	22.1	4.3	151	2.69	4.9	3.3	3.8	3.2	39	0.5	0.7	0.2	129	0.15	0.128
1066746	Soil	7.8	49.9	10.3	92	2.2	24.2	5.3	191	2.69	4.5	9.3	2.3	2.7	61	0.4	0.8	0.2	127	0.36	0.283
1066745	Soil	6.8	88.7	13.7	64	1.6	18.4	3.7	291	2.83	10.2	2.6	3.3	4.5	49	0.1	1.1	0.3	112	0.09	0.039
1066748	Soil	2.4	35.4	7.6	55	0.4	16.1	5.7	184	2.40	5.9	1.0	2.6	2.5	19	0.1	0.4	0.2	69	0.19	0.035
1066721	Soil	2.7	59.7	10.5	82	0.5	24.9	7.8	354	3.22	7.5	2.2	1.7	4.5	24	0.3	0.5	0.3	111	0.18	0.056
1066742	Soil	17.8	34.5	13.4	52	1.2	18.9	7.7	205	2.84	9.4	1.7	4.7	4.3	20	0.6	0.7	0.3	304	0.12	0.038
1066717	Soil	1.5	39.2	10.3	38	0.3	18.1	6.9	384	2.72	9.0	0.7	3.8	0.4	13	0.3	0.5	0.3	64	0.13	0.078
1066738	Soil	4.7	95.3	12.6	74	0.3	19.4	3.1	201	1.90	3.3	3.8	2.8	4.0	29	0.4	0.3	0.3	236	0.11	0.042
1066744	Soil	1.2	15.4	9.4	64	0.6	16.4	8.3	216	2.37	8.5	0.7	1.9	2.8	8	0.2	0.5	0.2	57	0.09	0.031
1066724	Soil	4.9	55.9	5.4	118	1.5	11.0	2.3	340	3.08	1.5	1.7	3.5	1.8	22	0.2	0.2	0.2	87	0.13	0.045
1066725	Soil	4.9	56.3	5.5	121	1.5	11.3	2.3	336	3.02	1.5	1.7	3.6	1.7	20	0.3	0.2	0.2	82	0.12	0.046
1066736	Soil	3.1	82.7	10.6	115	0.3	19.2	4.4	277	2.98	2.7	3.9	4.1	3.7	30	0.3	0.3	0.2	152	0.15	0.046
1066747	Soil	2.5	54.9	7.7	55	0.9	21.3	5.1	210	1.90	7.5	2.8	4.1	2.5	41	0.2	0.9	0.2	88	1.11	0.052
1066727	Soil	3.9	80.5	5.5	108	0.8	14.6	3.0	183	2.31	2.1	2.6	4.3	2.7	22	0.3	0.3	0.1	48	0.14	0.036
1066722	Soil	2.5	56.0	9.6	84	0.5	25.5	7.0	375	3.13	4.7	2.1	5.3	3.5	33	0.3	0.4	0.2	117	0.17	0.062
1066737	Soil	2.3	42.2	10.7	72	0.5	19.1	9.1	233	2.78	8.2	1.4	3.8	3.4	15	0.2	0.5	0.2	73	0.09	0.046
1066718	Soil	0.7	26.5	13.1	55	<0.1	37.7	12.2	371	3.13	5.7	0.8	2.4	3.1	22	0.2	0.3	0.2	78	0.31	0.033
1066740	Soil	4.7	38.2	10.0	55	0.8	19.4	7.9	256	3.03	10.5	4.1	5.1	4.4	19	<0.1	1.1	0.2	72	0.12	0.033
1066733	Soil	3.0	30.5	10.2	69	1.1	16.8	7.7	241	2.99	7.5	1.1	4.0	3.0	13	0.3	0.6	0.3	86	0.09	0.053
1066741	Soil	2.8	36.5	10.3	48	0.3	21.2	8.2	179	2.70	11.3	1.4	4.4	2.9	17	0.2	0.7	0.2	75	0.12	0.038
1066735	Soil	2.1	87.6	6.6	177	0.3	28.1	9.8	353	3.69	0.8	1.4	4.7	5.9	31	0.2	0.1	0.2	54	0.11	0.041
1066750	Soil	2.2	103.1	5.3	232	0.4	63.5	15.1	340	3.61	2.7	2.0	3.2	4.4	32	0.6	0.3	0.2	105	0.30	0.055
1066728	Soil	10.8	46.2	12.2	82	1.8	12.7	4.8	281	3.07	5.3	2.6	5.6	1.9	26	1.2	0.6	0.3	139	0.11	0.105
1066720	Soil	1.2	39.8	10.3	61	0.2	27.1	11.6	375	2.79	10.2	1.9	6.5	4.2	20	0.2	0.7	0.2	56	0.21	0.071
1125623	Soil	5.3	59.4	9.9	78	3.6	30.8	8.2	214	2.63	17.0	3.1	9.8	4.2	28	0.6	1.7	0.2	238	0.26	0.164
1125627	Soil	4.8	49.1	8.3	51	1.2	20.5	5.6	142	2.10	8.2	1.5	11.0	2.9	23	0.1	1.5	0.2	91	0.17	0.040



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

8 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066730	Soil	7	35	0.88	254	0.084	1	1.48	0.020	0.21	<0.1	0.03	3.3	0.4	0.09	5	1.6	0.2
1066726	Soil	7	64	1.35	389	0.226	<1	2.48	0.025	0.89	<0.1	0.02	5.5	0.4	<0.05	10	0.8	<0.2
1066739	Soil	16	38	0.55	301	0.075	2	1.98	0.014	0.06	0.2	0.04	5.8	0.2	<0.05	6	0.7	<0.2
1066732	Soil	11	83	1.28	582	0.137	<1	2.70	0.014	0.41	<0.1	0.02	5.4	0.3	0.11	10	1.2	<0.2
1066749	Soil	15	54	0.67	503	0.052	1	1.28	0.019	0.20	0.3	0.01	2.1	0.3	0.27	5	6.7	0.3
1066746	Soil	20	66	0.58	927	0.037	1	1.48	0.010	0.10	0.4	0.02	2.2	0.2	0.09	6	3.6	0.2
1066745	Soil	22	128	1.36	299	0.076	<1	2.33	0.028	0.13	0.3	0.06	2.6	0.3	0.24	7	7.2	<0.2
1066748	Soil	8	34	0.69	570	0.069	1	1.63	0.011	0.13	0.1	<0.01	2.5	0.2	0.13	5	1.2	<0.2
1066721	Soil	16	52	0.92	314	0.114	<1	2.05	0.014	0.24	0.1	0.04	4.5	0.3	0.15	7	1.3	<0.2
1066742	Soil	13	61	0.70	615	0.053	<1	2.28	0.011	0.15	0.3	0.03	3.6	0.2	<0.05	6	2.3	<0.2
1066717	Soil	9	32	0.31	135	0.032	<1	1.14	0.007	0.05	0.1	0.03	1.5	<0.1	<0.05	6	0.7	<0.2
1066738	Soil	25	139	1.06	447	0.100	<1	2.00	0.008	0.28	0.2	0.02	3.8	0.5	0.06	8	7.0	<0.2
1066744	Soil	8	30	0.41	363	0.061	<1	1.75	0.007	0.06	0.1	0.02	2.8	0.1	<0.05	5	0.7	<0.2
1066724	Soil	9	57	1.64	425	0.104	<1	1.97	0.016	0.67	<0.1	0.01	3.1	0.6	0.38	7	3.7	<0.2
1066725	Soil	9	56	1.60	404	0.099	<1	1.81	0.015	0.69	<0.1	0.02	3.1	0.5	0.44	7	4.0	0.2
1066736	Soil	20	48	1.15	414	0.123	<1	2.05	0.013	0.55	<0.1	0.02	4.8	0.4	0.19	6	2.1	<0.2
1066747	Soil	12	43	0.60	964	0.052	<1	1.15	0.019	0.08	0.2	0.04	2.9	0.1	0.11	4	2.3	<0.2
1066727	Soil	11	34	1.29	570	0.139	<1	1.70	0.009	0.70	<0.1	0.03	2.2	0.6	0.06	6	3.3	<0.2
1066722	Soil	16	82	1.10	490	0.139	2	2.26	0.013	0.29	<0.1	0.03	5.0	0.3	0.07	8	1.8	<0.2
1066737	Soil	11	39	0.46	639	0.057	<1	1.76	0.009	0.07	0.2	0.03	3.7	0.1	<0.05	6	0.9	<0.2
1066718	Soil	15	68	0.97	302	0.119	<1	2.41	0.009	0.21	0.1	0.01	4.6	0.1	<0.05	8	<0.5	<0.2
1066740	Soil	14	38	0.67	314	0.071	1	2.04	0.011	0.07	0.2	0.09	4.2	0.2	<0.05	5	2.3	<0.2
1066733	Soil	11	40	0.54	232	0.063	1	2.06	0.007	0.10	0.2	0.03	2.8	0.2	<0.05	6	1.3	<0.2
1066741	Soil	12	37	0.51	403	0.043	<1	1.93	0.008	0.05	0.2	0.05	2.8	0.1	<0.05	5	1.7	<0.2
1066735	Soil	30	42	1.30	346	0.187	<1	2.34	0.016	1.16	<0.1	<0.01	3.5	0.5	0.27	7	1.2	<0.2
1066750	Soil	15	50	1.14	687	0.255	<1	2.17	0.021	0.80	0.2	0.01	8.5	0.3	<0.05	8	1.7	<0.2
1066728	Soil	13	40	0.73	350	0.047	<1	1.63	0.017	0.25	0.2	0.04	1.8	0.4	0.18	6	7.1	<0.2
1066720	Soil	16	34	0.54	228	0.057	<1	1.71	0.009	0.07	0.2	0.14	4.0	0.1	<0.05	5	0.7	<0.2
1125623	Soil	12	99	0.47	1196	0.045	<1	1.91	0.008	0.07	0.4	0.41	3.5	0.2	<0.05	6	2.8	<0.2
1125627	Soil	14	36	0.47	894	0.055	<1	1.15	0.010	0.10	0.2	0.12	3.3	0.1	0.08	4	2.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

9 of 12

Part 1

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1125626	Soil	1.6	47.1	9.4	62	0.6	27.9	8.2	192	2.70	12.3	1.8	9.7	4.8	15	0.2	1.1	0.2	71	0.10
1125630	Soil	2.8	55.4	8.4	85	0.4	38.2	10.2	216	2.77	7.4	2.2	7.2	4.2	31	0.2	0.9	0.2	92	0.37
1125622	Soil	5.7	94.4	9.9	138	1.5	31.8	6.4	123	2.19	7.4	3.6	6.8	3.9	35	0.8	1.9	0.2	196	0.34
1125614	Soil	5.2	20.3	12.1	50	1.2	13.1	6.7	178	2.93	8.0	0.7	3.5	2.7	18	0.4	0.6	0.2	87	0.20
1125625	Soil	4.2	32.8	10.3	56	3.0	21.8	10.2	447	2.35	9.4	2.6	6.0	3.1	46	0.4	1.2	0.2	122	0.41
1125632	Soil	1.3	57.5	10.2	97	0.1	45.3	13.0	156	2.54	4.2	1.7	5.0	4.7	23	0.1	0.4	0.2	46	0.24
1125616	Soil	2.4	26.1	6.9	59	0.3	3.6	1.3	313	1.53	0.5	0.9	1.2	1.3	16	0.1	0.1	0.2	48	0.10
1125617	Soil	11.2	81.1	7.4	56	0.6	9.9	0.8	395	1.68	1.3	6.4	1.0	4.0	32	0.5	0.3	0.2	149	0.12
1125629	Soil	2.7	37.1	7.8	51	0.4	20.8	7.1	178	2.19	7.0	1.6	2.7	3.1	22	0.1	0.8	0.2	61	0.24
1125633	Soil	1.2	57.0	9.4	98	0.1	48.7	13.5	150	2.49	3.7	1.6	2.0	4.5	20	0.2	0.3	0.2	48	0.23
1125615	Soil	1.2	30.5	7.6	38	2.0	10.2	4.9	246	1.94	5.3	0.9	2.0	4.5	17	0.2	0.4	0.2	43	0.09
1125624	Soil	4.8	25.3	8.5	70	2.8	19.1	5.6	157	2.24	13.3	1.1	5.0	2.8	21	0.3	1.0	0.2	124	0.18
1125628	Soil	3.1	29.2	8.3	43	0.6	18.6	6.4	172	2.22	7.1	1.3	2.1	3.0	20	<0.1	0.8	0.2	69	0.21
1125631	Soil	2.5	60.3	8.0	99	0.1	44.7	11.7	256	3.44	6.9	3.4	4.0	3.8	31	0.2	0.5	0.2	86	0.31
1125608	Soil	10.0	50.2	13.7	73	0.7	12.3	3.7	232	2.50	4.0	1.8	1.6	4.2	29	0.3	0.4	0.2	225	0.06
1125607	Soil	3.5	58.2	8.1	133	0.2	28.3	6.7	212	2.45	5.2	2.0	3.1	3.2	21	0.2	0.4	0.3	64	0.13
1125618	Soil	1.1	12.7	10.8	35	0.3	9.8	4.7	107	2.22	6.8	0.8	1.6	2.9	9	0.1	0.4	0.2	57	0.08
1125621	Soil	7.3	55.3	8.9	290	0.3	39.7	7.9	165	2.28	6.3	1.6	1.2	2.7	16	0.4	0.8	0.2	194	0.10
1125605	Soil	2.2	32.1	8.2	56	0.3	18.2	5.7	188	2.01	5.3	1.4	2.4	3.1	19	0.1	0.5	0.2	52	0.19
1125609	Soil	2.9	13.5	11.2	41	0.6	12.7	6.5	171	2.73	7.8	0.6	3.3	2.7	14	0.2	0.4	0.2	81	0.11
1125606	Soil	2.0	28.7	8.4	52	0.2	19.0	6.6	170	1.95	5.4	1.6	4.2	3.2	18	<0.1	0.4	0.1	55	0.19
1125620	Soil	5.5	66.8	10.9	70	1.5	22.2	6.1	166	2.74	7.2	2.6	3.7	3.5	25	0.3	1.0	0.2	100	0.15
1125602	Soil	1.3	26.5	7.9	45	0.1	17.6	6.6	180	2.09	6.0	0.9	4.0	3.1	14	<0.1	0.5	0.1	48	0.14
1125611	Soil	3.1	33.0	11.1	52	0.7	16.8	8.4	256	2.97	8.1	1.5	1.7	4.6	16	0.3	0.6	0.2	69	0.09
1125610	Soil	1.7	13.7	10.6	47	0.4	16.3	8.6	226	2.96	10.6	0.6	2.1	3.5	10	0.4	0.6	0.2	72	0.08
1125619	Soil	2.6	43.9	10.3	48	1.0	15.7	5.7	130	2.84	7.3	1.1	1.1	3.5	12	0.3	0.9	0.2	49	0.05
1125604	Soil	2.5	41.6	7.3	58	0.6	15.1	4.3	176	1.88	3.4	1.4	1.9	2.3	17	0.2	0.3	0.1	50	0.12
1125601	Soil	1.9	34.2	7.7	45	0.2	16.1	5.5	158	2.02	5.1	1.0	1.5	2.5	15	<0.1	0.4	0.1	51	0.12
1125612	Soil	2.1	28.9	7.8	38	0.6	11.4	5.1	207	1.98	5.2	1.0	2.1	3.5	19	<0.1	0.4	0.1	53	0.06
1125613	Soil	1.8	50.1	8.5	72	0.7	12.3	4.8	185	2.28	4.6	1.2	2.6	2.5	24	0.6	0.4	0.2	50	0.14



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

9 of 12

Part 2

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1125626	Soil	16	40	0.45	692	0.064	<1	1.69	0.006	0.05	0.1	0.12	5.3	<0.1	<0.05	5	1.0	<0.2
1125630	Soil	15	57	0.73	774	0.118	<1	1.65	0.015	0.09	0.1	0.05	5.2	0.1	<0.05	5	2.6	<0.2
1125622	Soil	16	87	0.35	699	0.041	<1	1.41	0.005	0.06	0.3	0.14	4.1	0.2	<0.05	4	4.5	<0.2
1125614	Soil	11	39	0.38	270	0.042	<1	1.77	0.008	0.08	0.2	0.03	2.0	0.2	<0.05	6	2.9	<0.2
1125625	Soil	13	47	0.36	2273	0.043	<1	1.46	0.008	0.09	0.5	0.21	3.2	0.2	<0.05	5	1.8	<0.2
1125632	Soil	15	32	0.57	614	0.111	1	1.32	0.008	0.18	<0.1	0.03	2.9	0.2	<0.05	5	0.9	<0.2
1125616	Soil	5	26	0.97	303	0.055	1	1.23	0.009	0.43	<0.1	<0.01	1.7	0.6	0.24	4	2.2	<0.2
1125617	Soil	17	50	1.22	582	0.077	<1	1.65	0.010	0.32	0.1	0.03	3.5	0.5	0.22	6	5.2	<0.2
1125629	Soil	11	31	0.52	489	0.063	1	1.32	0.011	0.07	0.2	0.02	3.0	0.1	0.09	4	1.1	<0.2
1125633	Soil	14	33	0.56	583	0.105	2	1.30	0.008	0.22	0.1	0.02	3.1	0.2	0.08	5	<0.5	<0.2
1125615	Soil	15	32	0.81	298	0.066	1	1.67	0.011	0.19	<0.1	0.02	2.8	0.3	0.17	5	5.8	<0.2
1125624	Soil	8	41	0.36	883	0.041	1	1.43	0.006	0.08	0.2	0.13	2.3	0.2	0.09	5	1.7	<0.2
1125628	Soil	10	32	0.46	623	0.050	1	1.35	0.010	0.06	0.1	0.03	2.9	0.1	0.07	4	0.9	<0.2
1125631	Soil	20	47	0.93	792	0.126	<1	2.01	0.015	0.33	<0.1	0.03	6.8	0.2	0.14	7	<0.5	<0.2
1125608	Soil	22	66	1.28	286	0.098	<1	2.23	0.007	0.13	0.3	0.01	2.3	0.3	0.16	7	4.7	<0.2
1125607	Soil	14	34	0.53	835	0.064	1	1.40	0.007	0.08	0.1	0.02	3.1	0.2	<0.05	5	0.8	<0.2
1125618	Soil	10	28	0.31	215	0.045	<1	1.54	0.006	0.03	0.2	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1125621	Soil	9	37	0.46	334	0.042	<1	1.42	0.007	0.06	0.2	0.02	2.1	0.2	<0.05	4	1.1	<0.2
1125605	Soil	13	29	0.47	880	0.057	1	1.25	0.009	0.04	0.2	0.02	2.8	<0.1	<0.05	4	0.9	<0.2
1125609	Soil	10	31	0.39	164	0.053	<1	1.76	0.008	0.06	0.2	0.02	2.1	0.2	<0.05	6	<0.5	<0.2
1125606	Soil	14	29	0.41	800	0.048	1	1.31	0.008	0.03	0.2	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1125620	Soil	16	48	0.47	476	0.050	<1	1.52	0.008	0.11	0.2	0.06	4.0	0.3	0.15	5	4.6	<0.2
1125602	Soil	11	27	0.42	606	0.050	1	1.33	0.007	0.04	0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
1125611	Soil	14	41	0.54	231	0.057	<1	1.94	0.010	0.06	0.2	0.02	3.9	0.2	0.06	5	1.5	<0.2
1125610	Soil	10	35	0.44	134	0.054	<1	1.93	0.008	0.05	0.1	0.03	2.5	0.1	<0.05	6	<0.5	<0.2
1125619	Soil	11	32	0.40	384	0.044	<1	1.62	0.008	0.10	0.1	0.02	2.0	0.2	0.15	5	1.9	<0.2
1125604	Soil	10	29	0.58	687	0.057	<1	1.18	0.007	0.09	0.1	0.02	2.4	0.2	0.06	4	1.8	<0.2
1125601	Soil	11	30	0.45	722	0.051	<1	1.22	0.007	0.05	0.1	0.02	2.6	0.1	0.09	4	0.9	<0.2
1125612	Soil	14	32	0.52	217	0.053	<1	1.49	0.015	0.07	0.1	0.02	2.8	0.1	0.10	4	3.2	<0.2
1125613	Soil	12	34	0.78	314	0.076	<1	1.53	0.014	0.24	<0.1	0.02	3.4	0.3	0.21	5	1.4	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

10 of 12 Part 1

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1107296	Soil	0.4	31.4	9.7	70	0.2	29.5	9.7	887	2.26	3.8	0.7	1.1	2.3	36	0.2	0.3	0.1	57	1.49	0.053
1107299	Soil	0.7	23.0	5.2	72	0.5	21.2	4.9	473	1.88	1.5	0.6	1.4	3.1	63	0.4	0.2	0.1	52	0.80	0.032
1107302	Soil	0.4	31.0	5.2	97	0.4	31.9	4.6	391	1.77	<0.5	0.9	1.2	3.5	66	0.3	<0.1	<0.1	82	0.55	0.032
1107307	Soil	0.5	39.6	7.4	73	0.2	30.7	4.5	928	1.67	1.7	0.8	3.2	3.9	27	0.3	0.2	0.1	61	1.27	0.034
1107308	Soil	0.6	42.5	4.5	67	<0.1	21.3	7.6	751	3.50	1.7	0.6	0.8	2.6	11	<0.1	0.1	0.2	81	0.16	0.025
1125603	Soil	1.1	16.8	10.1	21	0.3	5.9	2.4	90	1.43	4.1	0.5	1.2	0.5	11	0.1	0.2	0.2	42	0.07	0.045
1107303	Soil	0.3	24.8	4.7	68	0.2	27.9	4.2	610	1.34	0.7	0.7	1.6	3.4	81	0.3	0.1	<0.1	60	0.70	0.031
1107305	Soil	0.8	61.0	5.1	113	0.6	29.9	9.5	862	2.88	2.1	0.6	2.7	2.8	46	0.3	0.3	0.1	124	1.01	0.054
1107309	Soil	1.5	30.3	6.2	66	<0.1	14.4	4.5	270	1.97	2.4	0.7	1.4	2.8	11	<0.1	0.2	0.1	46	0.08	0.021
1107298	Soil	0.5	20.7	4.6	68	0.6	24.5	5.3	554	1.75	1.1	0.6	1.7	3.2	80	0.5	0.1	0.1	58	1.07	0.038
1107301	Soil	0.5	43.9	5.2	80	0.4	33.4	7.1	515	2.57	1.8	0.6	4.5	3.6	30	<0.1	0.2	0.1	62	0.52	0.032
1107306	Soil	0.8	58.6	5.7	101	0.5	32.6	10.2	880	2.78	2.8	0.7	2.4	3.3	43	0.3	0.3	0.2	113	1.35	0.058
1107310	Soil	0.8	41.1	7.6	106	0.2	37.6	7.2	992	2.93	1.0	1.4	1.5	6.2	36	0.3	0.1	0.2	91	0.49	0.040
1107297	Soil	0.5	21.6	6.6	77	0.3	24.9	6.1	586	1.92	2.5	0.8	1.5	2.6	97	0.4	0.1	<0.1	70	0.85	0.042
1107300	Soil	0.7	27.9	4.7	77	0.5	24.9	5.4	370	1.74	1.6	0.6	5.0	3.4	67	0.2	0.1	0.1	57	0.56	0.032
1107304	Soil	0.7	27.8	6.0	52	0.2	19.9	6.1	256	1.99	4.9	1.0	1.9	3.6	20	<0.1	0.3	0.1	59	0.26	0.026
1107288	Soil	0.9	49.3	12.7	92	<0.1	267.1	22.4	203	2.48	11.3	1.6	3.0	6.6	75	0.1	0.1	0.2	65	0.27	0.034
1107284	Soil	1.1	36.0	9.8	74	<0.1	37.3	9.5	364	2.90	7.6	1.7	5.5	7.0	24	0.1	0.5	0.2	74	0.21	0.020
1107315	Soil	1.3	30.9	10.9	73	0.2	26.6	10.0	433	2.45	10.8	0.7	2.5	4.3	50	0.3	0.9	0.2	49	1.40	0.075
1107311	Soil	0.4	30.1	4.4	50	<0.1	33.8	5.0	774	1.55	0.8	0.5	1.7	3.8	8	0.3	0.1	<0.1	64	0.16	0.027
1107289	Soil	1.1	38.4	11.2	96	0.3	163.6	18.3	373	2.95	7.0	0.7	1.3	3.9	31	0.2	0.2	0.2	83	0.16	0.022
1107285	Soil	0.8	46.4	11.7	107	<0.1	50.5	11.5	443	3.24	6.1	1.3	5.0	7.6	33	<0.1	0.4	0.2	78	0.33	0.022
1107312	Soil	0.6	71.6	6.3	94	<0.1	75.1	21.1	1071	4.40	1.2	0.9	2.7	3.8	53	0.3	0.1	<0.1	156	0.83	0.076
1107318	Soil	0.9	29.7	10.8	66	0.1	24.8	9.5	353	2.44	10.3	0.7	2.5	4.1	35	0.4	0.8	0.2	49	0.56	0.064
1107290	Soil	0.3	35.8	12.9	180	0.3	60.6	19.8	1267	3.26	2.2	1.8	3.7	6.2	49	0.5	0.1	<0.1	79	2.68	0.084
1107286	Soil	0.9	66.0	11.3	125	<0.1	147.5	19.8	337	4.18	16.9	1.4	4.2	6.6	18	<0.1	0.2	0.2	103	0.28	0.056
1107314	Soil	0.8	27.9	8.9	64	0.1	22.7	7.0	241	2.28	6.2	1.1	2.0	3.8	23	0.2	0.5	0.2	59	0.30	0.048
1107316	Soil	0.8	38.2	9.7	66	0.1	29.6	9.6	370	2.65	7.8	0.7	2.7	4.5	27	0.2	0.5	0.2	74	0.38	0.050
1107291	Soil	0.6	45.7	8.2	71	0.2	37.8	8.6	1409	1.90	2.4	0.5	4.2	3.8	27	0.2	0.3	0.2	48	0.64	0.041
1107287	Soil	1.4	76.9	8.8	119	0.1	63.8	15.3	273	3.99	3.8	2.0	6.8	2.4	22	<0.1	0.3	0.3	88	0.21	0.053



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: December 05, 2011

Page: 10 of 12 **Part** 2

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1107296	Soil	15	42	0.67	484	0.064	2	1.62	0.014	0.09	0.1	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
1107299	Soil	11	31	0.68	348	0.073	<1	1.49	0.035	0.22	0.1	0.01	5.1	0.2	<0.05	5	0.6	<0.2
1107302	Soil	17	52	0.87	225	0.070	<1	1.72	0.062	0.22	<0.1	0.01	6.3	0.2	<0.05	6	<0.5	<0.2
1107307	Soil	19	35	0.59	190	0.047	<1	1.23	0.005	0.07	<0.1	0.04	5.4	0.1	<0.05	5	0.5	<0.2
1107308	Soil	12	25	1.19	413	0.276	<1	2.38	0.010	0.73	0.1	<0.01	9.4	0.4	<0.05	9	0.7	<0.2
1125603	Soil	9	17	0.18	373	0.032	<1	0.92	0.006	0.03	<0.1	0.02	1.0	<0.1	<0.05	5	<0.5	<0.2
1107303	Soil	17	40	0.53	193	0.036	<1	1.29	0.047	0.06	<0.1	<0.01	5.3	0.1	<0.05	4	<0.5	<0.2
1107305	Soil	12	37	1.24	360	0.148	<1	1.96	0.018	0.60	0.1	0.02	11.5	0.3	<0.05	7	0.8	<0.2
1107309	Soil	10	23	0.58	187	0.113	<1	1.32	0.006	0.33	<0.1	<0.01	2.7	0.2	<0.05	4	0.8	<0.2
1107298	Soil	13	38	0.58	232	0.056	<1	1.16	0.022	0.14	<0.1	<0.01	5.8	0.2	<0.05	4	<0.5	<0.2
1107301	Soil	13	30	0.82	301	0.161	<1	1.93	0.012	0.44	<0.1	0.03	5.7	0.2	<0.05	6	<0.5	<0.2
1107306	Soil	13	41	1.14	343	0.127	<1	1.90	0.017	0.54	0.1	0.02	9.5	0.3	<0.05	7	<0.5	<0.2
1107310	Soil	22	59	1.30	220	0.142	<1	2.77	0.048	0.50	<0.1	0.02	7.5	0.3	<0.05	9	0.7	<0.2
1107297	Soil	11	38	0.65	291	0.080	<1	1.87	0.097	0.15	<0.1	0.02	5.6	0.1	<0.05	5	<0.5	<0.2
1107300	Soil	13	35	0.68	212	0.080	<1	1.66	0.046	0.17	<0.1	0.02	5.3	0.1	<0.05	5	0.5	<0.2
1107304	Soil	12	30	0.53	237	0.079	<1	1.36	0.012	0.12	0.1	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
1107288	Soil	27	226	2.12	318	0.143	<1	2.60	0.013	0.21	<0.1	<0.01	4.2	0.3	<0.05	7	0.7	<0.2
1107284	Soil	27	58	0.87	333	0.141	1	2.16	0.012	0.17	0.1	0.03	5.8	0.2	<0.05	6	0.6	<0.2
1107315	Soil	14	26	0.70	425	0.062	2	1.29	0.023	0.05	0.2	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1107311	Soil	17	42	0.70	205	0.110	<1	0.96	0.004	0.30	<0.1	<0.01	4.0	0.1	<0.05	4	<0.5	<0.2
1107289	Soil	13	178	1.96	297	0.170	<1	3.35	0.010	0.23	<0.1	0.01	3.3	0.3	<0.05	9	<0.5	<0.2
1107285	Soil	20	71	1.03	420	0.191	<1	2.32	0.018	0.35	0.1	0.02	5.5	0.3	<0.05	7	<0.5	<0.2
1107312	Soil	17	148	1.94	433	0.271	<1	3.15	0.008	0.58	<0.1	0.02	12.5	0.3	<0.05	13	0.5	<0.2
1107318	Soil	14	25	0.52	393	0.052	1	1.32	0.025	0.04	0.2	0.04	3.3	<0.1	<0.05	4	0.5	<0.2
1107290	Soil	31	56	4.91	675	0.261	1	3.88	0.013	0.84	0.1	0.04	8.0	0.8	<0.05	12	<0.5	<0.2
1107286	Soil	16	143	1.73	479	0.207	<1	2.86	0.011	0.64	<0.1	<0.01	6.8	0.6	<0.05	9	0.6	<0.2
1107314	Soil	13	38	0.58	245	0.081	<1	1.49	0.012	0.06	0.1	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
1107316	Soil	14	47	0.73	455	0.115	<1	1.75	0.012	0.28	0.1	0.03	5.5	0.1	<0.05	6	<0.5	<0.2
1107291	Soil	15	35	1.11	379	0.106	<1	2.01	0.020	0.09	0.1	0.03	5.7	0.2	<0.05	6	<0.5	<0.2
1107287	Soil	8	73	1.06	445	0.179	<1	2.36	0.014	0.68	0.1	0.01	4.9	0.5	<0.05	7	0.7	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

11 of 12 Part 1

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1107313	Soil	0.5	77.5	6.0	106	<0.1	80.3	22.6	1067	4.56	1.3	0.9	3.4	4.0	52	0.2	0.2	0.2	168	0.78	0.070
1107317	Soil	1.3	31.5	11.8	74	0.2	29.9	11.0	484	2.71	12.5	0.8	4.7	4.7	35	0.3	0.9	0.3	51	0.52	0.072
1169129	Soil	1.5	25.6	6.1	30	0.2	19.8	6.3	154	1.77	4.7	0.5	3.7	1.2	10	0.1	0.2	0.2	47	0.13	0.028
1169124	Soil	1.6	38.2	7.7	95	<0.1	46.3	13.6	298	3.15	4.5	0.9	3.9	3.8	13	0.2	0.2	0.2	68	0.09	0.029
1169125	Soil	0.8	54.0	3.5	55	<0.1	42.8	16.6	237	2.89	3.1	0.5	2.1	1.7	24	<0.1	0.2	0.1	80	0.30	0.080
1107292	Soil	1.0	35.5	5.5	105	0.3	42.8	9.4	1004	2.44	1.7	0.8	4.3	4.6	34	0.1	0.2	0.2	66	0.49	0.035
1169137	Soil	0.8	91.0	3.0	41	0.2	384.7	26.2	300	2.44	2.7	0.6	2.9	1.1	18	<0.1	0.2	0.1	62	0.34	0.038
1169126	Soil	1.1	23.3	9.3	50	<0.1	24.3	8.3	189	2.59	8.0	0.7	3.2	2.8	15	0.3	0.4	0.2	70	0.13	0.036
1169123	Soil	1.3	19.7	9.5	49	<0.1	25.9	7.8	206	2.51	7.9	0.6	2.9	2.8	14	0.3	0.5	0.2	64	0.13	0.036
1107293	Soil	0.6	39.4	5.2	65	0.5	23.8	5.8	689	2.85	1.6	1.1	3.3	5.7	55	0.1	0.1	0.1	76	0.55	0.053
1169136	Soil	0.9	47.9	5.2	50	0.1	197.7	19.8	347	2.80	4.1	0.6	2.9	2.0	20	<0.1	0.2	0.1	61	0.25	0.033
1169127	Soil	1.6	42.7	7.9	96	0.1	58.0	13.9	284	3.18	5.5	0.9	2.3	3.0	16	0.3	0.4	0.2	72	0.15	0.035
1129295	Soil	1.5	25.0	9.8	59	0.5	26.9	9.5	300	2.81	8.3	0.6	7.5	3.4	16	0.1	0.5	0.2	63	0.12	0.028
1107294	Soil	0.8	46.7	6.5	64	0.2	28.9	7.2	598	2.23	1.5	1.3	2.3	4.6	45	<0.1	0.1	0.2	99	0.44	0.037
1169135	Soil	0.8	46.5	4.5	46	0.1	320.7	30.7	796	2.72	3.9	0.7	2.6	2.1	20	<0.1	0.2	<0.1	50	0.34	0.055
1169128	Soil	1.1	60.0	8.3	158	<0.1	93.8	18.7	329	3.81	4.5	0.9	6.6	3.8	14	0.5	0.2	0.2	126	0.14	0.034
1129296	Soil	0.8	10.1	9.5	23	0.2	11.1	3.3	119	1.42	3.8	0.4	2.2	0.6	11	0.2	0.2	0.2	42	0.09	0.038
1107295	Soil	0.3	36.0	9.0	130	0.3	45.7	9.3	1001	2.74	2.1	0.7	2.8	4.2	43	0.4	0.1	0.1	75	0.73	0.050
1169112	Soil	1.6	27.0	10.0	55	0.1	32.8	14.6	560	3.00	6.7	0.6	2.6	1.9	14	<0.1	0.4	0.2	73	0.13	0.043
1169113	Soil	1.5	37.3	8.9	72	0.2	34.3	9.7	274	3.03	5.2	0.9	3.2	2.5	12	0.2	0.3	0.2	68	0.12	0.051
1169132	Soil	1.6	27.6	7.4	58	0.2	55.7	10.9	280	2.50	5.1	0.7	2.2	2.8	16	0.1	0.3	0.1	57	0.19	0.026
1169109	Soil	0.7	33.9	9.7	57	0.2	48.1	9.0	174	2.66	5.8	1.0	2.1	2.5	19	0.2	0.3	0.2	67	0.22	0.052
1169115	Soil	1.7	28.7	9.7	55	0.1	24.4	7.3	235	2.87	6.5	0.7	2.5	2.3	14	0.1	0.4	0.2	63	0.11	0.037
1169114	Soil	1.2	28.2	9.1	68	<0.1	28.7	9.0	245	3.05	6.8	0.8	2.6	2.8	15	0.1	0.3	0.2	65	0.14	0.041
1169134	Soil	1.4	38.7	4.5	64	0.2	144.8	15.9	268	2.40	4.6	0.8	2.9	2.4	13	0.3	0.2	0.1	58	0.19	0.038
1169110	Soil	1.0	44.1	8.3	47	0.6	50.1	8.2	170	2.22	3.7	1.8	2.9	0.4	27	0.2	0.3	0.2	47	0.24	0.079
1169117	Soil	1.2	34.0	8.2	58	<0.1	25.1	9.0	294	2.73	5.9	0.8	2.4	2.6	15	0.1	0.4	0.2	59	0.12	0.046
1169116	Soil	1.6	23.1	9.8	50	0.1	18.4	7.2	282	2.65	6.3	0.7	1.9	2.6	13	<0.1	0.3	0.2	66	0.12	0.038
1169131	Soil	2.4	32.2	8.4	59	0.3	40.7	8.0	224	2.51	5.8	1.1	3.4	2.8	15	0.2	0.3	0.2	65	0.15	0.031
1169111	Soil	1.2	46.6	9.3	47	0.4	36.0	10.0	284	2.09	2.8	1.6	20.2	0.6	30	0.2	0.2	0.2	39	0.22	0.048



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

11 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1107313	Soil	19	157	2.03	457	0.302	<1	3.24	0.009	0.58	<0.1	0.02	12.5	0.3	<0.05	13	<0.5	<0.2
1107317	Soil	16	32	0.56	427	0.071	1	1.37	0.019	0.05	0.2	0.05	3.6	<0.1	<0.05	4	<0.5	<0.2
1169129	Soil	7	21	0.32	175	0.045	<1	0.99	0.013	0.04	<0.1	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1169124	Soil	12	63	0.84	565	0.171	<1	1.90	0.012	0.40	<0.1	<0.01	3.5	0.3	<0.05	6	<0.5	<0.2
1169125	Soil	7	45	0.77	603	0.112	<1	1.61	0.014	0.15	<0.1	0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1107292	Soil	22	42	1.31	282	0.160	<1	2.49	0.017	0.29	<0.1	0.02	7.3	0.3	<0.05	8	<0.5	<0.2
1169137	Soil	9	194	2.21	347	0.055	<1	2.02	0.010	0.05	<0.1	0.03	5.1	<0.1	<0.05	4	<0.5	<0.2
1169126	Soil	11	34	0.44	262	0.079	1	1.66	0.009	0.06	0.1	0.02	3.2	<0.1	<0.05	7	<0.5	<0.2
1169123	Soil	11	35	0.46	349	0.073	1	1.68	0.009	0.07	0.1	0.02	2.6	0.1	<0.05	6	<0.5	<0.2
1107293	Soil	23	32	1.53	464	0.165	1	2.40	0.031	0.68	<0.1	0.03	6.6	0.4	0.21	8	<0.5	<0.2
1169136	Soil	9	101	1.58	365	0.084	<1	1.78	0.012	0.07	<0.1	0.01	4.3	<0.1	<0.05	4	<0.5	<0.2
1169127	Soil	10	50	0.83	364	0.136	<1	2.04	0.009	0.32	<0.1	0.01	3.2	0.3	<0.05	6	<0.5	<0.2
1129295	Soil	9	33	0.45	600	0.066	<1	2.01	0.008	0.07	<0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1107294	Soil	22	63	0.97	291	0.092	<1	1.83	0.014	0.23	<0.1	0.02	5.1	0.2	0.06	6	0.5	<0.2
1169135	Soil	12	136	1.84	434	0.091	<1	1.69	0.012	0.06	<0.1	0.01	3.1	0.1	<0.05	4	0.6	<0.2
1169128	Soil	13	102	1.22	539	0.188	<1	2.69	0.011	0.57	<0.1	0.01	7.6	0.4	<0.05	9	<0.5	<0.2
1129296	Soil	10	18	0.18	470	0.054	<1	0.98	0.006	0.07	<0.1	0.01	1.3	<0.1	<0.05	6	<0.5	<0.2
1107295	Soil	15	69	1.55	689	0.153	<1	2.60	0.024	0.48	<0.1	0.02	7.5	0.3	<0.05	8	<0.5	<0.2
1169112	Soil	10	47	0.56	208	0.105	<1	1.57	0.009	0.16	0.1	0.01	2.1	0.1	<0.05	7	<0.5	<0.2
1169113	Soil	11	43	0.66	237	0.124	<1	1.85	0.011	0.32	0.1	0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1169132	Soil	9	43	0.67	481	0.094	<1	1.60	0.009	0.15	<0.1	0.01	3.0	0.1	<0.05	5	0.6	<0.2
1169109	Soil	14	59	0.81	287	0.100	<1	1.99	0.011	0.15	0.1	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1169115	Soil	10	32	0.62	226	0.092	1	1.80	0.009	0.18	<0.1	0.03	2.6	0.2	<0.05	7	<0.5	<0.2
1169114	Soil	10	38	0.62	217	0.101	2	1.90	0.008	0.17	0.1	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
1169134	Soil	9	63	1.01	345	0.102	<1	1.39	0.011	0.16	<0.1	0.01	3.2	0.1	<0.05	5	<0.5	<0.2
1169110	Soil	14	46	0.48	407	0.040	1	1.43	0.012	0.13	<0.1	0.07	2.9	0.2	<0.05	5	<0.5	<0.2
1169117	Soil	11	34	0.72	426	0.100	1	1.87	0.013	0.20	<0.1	0.01	3.4	0.2	<0.05	6	<0.5	<0.2
1169116	Soil	11	30	0.52	232	0.093	<1	1.57	0.008	0.12	<0.1	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
1169131	Soil	10	38	0.58	361	0.088	1	1.64	0.009	0.10	0.1	0.03	2.7	0.1	<0.05	5	0.7	<0.2
1169111	Soil	17	32	0.35	518	0.044	1	1.11	0.010	0.16	<0.1	0.03	2.3	1.0	<0.05	4	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

12 of 12 Part 1

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1169119	Soil	1.6	48.2	11.9	65	0.3	44.2	10.4	269	3.18	6.8	1.2	3.9	1.0	22	0.2	0.3	0.3	80	0.20	0.057
1169118	Soil	1.1	30.1	9.7	56	0.1	32.5	8.3	177	2.62	5.6	0.8	3.2	2.3	16	<0.1	0.3	0.2	67	0.16	0.041
1169133	Soil	1.5	34.8	7.9	71	0.3	83.2	11.5	340	2.68	3.7	0.8	221.7	3.4	20	0.4	0.2	0.2	61	0.25	0.035
1169130	Soil	1.6	28.8	4.5	31	0.2	22.6	6.2	121	1.61	3.9	0.5	1.8	1.3	10	0.3	0.2	<0.1	41	0.12	0.029
1257537	Soil	1.0	47.6	9.2	64	<0.1	74.0	15.4	230	3.41	5.9	0.7	4.1	3.8	16	<0.1	0.2	0.3	96	0.14	0.045
1169105	Soil	1.5	33.4	12.0	55	0.2	30.9	8.5	235	2.79	4.5	0.8	4.8	1.6	17	0.3	0.4	0.3	72	0.13	0.050
1169122	Soil	1.2	36.7	9.4	60	0.2	33.1	9.0	264	2.56	4.4	0.9	4.0	1.0	24	0.1	0.3	0.2	62	0.17	0.042
1169120	Soil	1.2	36.8	10.4	55	0.3	52.0	11.1	258	2.82	7.9	0.9	5.4	1.5	20	0.2	0.4	0.3	75	0.15	0.044
1257538	Soil	1.2	34.3	13.2	72	<0.1	44.6	12.1	276	3.27	8.2	1.1	5.9	5.9	15	<0.1	0.4	0.3	70	0.13	0.035
1169106	Soil	1.3	50.8	11.2	60	0.1	62.7	13.8	293	3.38	26.1	0.9	7.0	3.2	16	<0.1	0.5	0.3	77	0.14	0.042
1169101	Soil	0.9	33.2	9.5	59	0.2	48.1	10.2	234	2.84	6.1	0.8	4.9	2.8	22	<0.1	0.3	0.2	70	0.19	0.041
1169121	Soil	1.1	25.8	12.0	54	<0.1	33.2	9.2	243	2.63	5.4	0.8	4.2	1.7	17	<0.1	0.3	0.3	69	0.14	0.053
1257540	Soil	1.0	16.7	11.1	55	<0.1	21.0	7.8	241	2.80	6.4	0.8	5.7	2.8	12	0.1	0.4	0.2	59	0.12	0.043
1169104	Soil	1.6	43.3	10.6	57	0.3	49.0	11.4	256	2.94	3.7	0.9	3.4	1.7	21	0.2	0.3	0.3	71	0.18	0.063
1169102	Soil	0.9	44.6	9.3	59	0.2	50.1	11.7	249	2.88	5.9	1.2	6.1	3.7	25	<0.1	0.5	0.2	64	0.20	0.046
1169108	Soil	1.5	45.8	11.9	89	<0.1	70.9	15.6	267	3.55	4.8	1.1	4.5	4.8	17	<0.1	0.4	0.3	72	0.12	0.042
1257542	Soil	0.5	22.6	9.4	57	<0.1	22.3	8.7	256	2.52	5.3	0.9	8.5	3.4	19	<0.1	0.5	0.2	48	0.18	0.048
1257536	Soil	0.9	42.0	10.1	72	<0.1	50.4	10.3	290	2.91	3.0	0.8	3.9	0.9	16	0.2	0.3	0.2	65	0.16	0.049
1169103	Soil	1.5	34.6	10.7	56	<0.1	47.7	10.6	209	3.20	6.8	0.7	4.8	3.6	16	<0.1	0.4	0.3	87	0.12	0.031
1169107	Soil	1.2	39.7	12.0	63	<0.1	42.4	13.6	313	3.38	7.6	0.8	3.8	4.3	19	0.2	0.7	0.3	68	0.15	0.047



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: December 05, 2011

Page: 12 of 12 Part 2

CERTIFICATE OF ANALYSIS

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1169119	Soil	13	60	0.77	323	0.091	<1	2.08	0.012	0.23	<0.1	0.03	3.3	0.2	<0.05	8	<0.5	<0.2
1169118	Soil	12	44	0.65	200	0.105	2	1.79	0.008	0.19	<0.1	0.02	3.0	0.2	<0.05	7	0.6	<0.2
1169133	Soil	12	50	0.86	491	0.132	<1	1.60	0.010	0.31	<0.1	0.01	2.9	0.2	0.07	5	0.7	<0.2
1169130	Soil	6	21	0.33	150	0.048	<1	0.90	0.011	0.05	<0.1	0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1257537	Soil	11	106	1.23	277	0.222	1	2.39	0.017	0.53	0.1	<0.01	4.9	0.4	<0.05	8	<0.5	<0.2
1169105	Soil	10	35	0.49	189	0.120	<1	1.31	0.011	0.24	0.1	0.04	2.4	0.2	<0.05	6	<0.5	<0.2
1169122	Soil	10	39	0.74	537	0.101	1	1.63	0.014	0.24	<0.1	0.02	2.9	0.2	0.08	5	<0.5	<0.2
1169120	Soil	11	62	0.77	300	0.114	1	1.75	0.014	0.25	<0.1	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1257538	Soil	18	58	0.73	228	0.137	<1	2.08	0.011	0.23	<0.1	0.02	3.9	0.3	<0.05	6	<0.5	<0.2
1169106	Soil	12	62	0.81	197	0.149	<1	1.98	0.012	0.28	0.1	0.02	3.9	0.3	<0.05	6	<0.5	<0.2
1169101	Soil	11	69	0.93	416	0.148	1	1.88	0.013	0.22	0.1	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1169121	Soil	11	47	0.59	238	0.113	<1	1.46	0.013	0.24	0.1	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
1257540	Soil	12	31	0.48	122	0.105	<1	1.50	0.009	0.15	0.1	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1169104	Soil	12	53	0.70	264	0.123	<1	1.70	0.015	0.34	0.1	0.04	3.3	0.2	<0.05	6	<0.5	<0.2
1169102	Soil	13	58	0.83	417	0.132	<1	1.91	0.013	0.26	0.1	0.03	4.7	0.3	<0.05	6	<0.5	<0.2
1169108	Soil	14	66	0.82	172	0.141	<1	1.82	0.013	0.36	0.1	0.03	3.8	0.3	<0.05	6	<0.5	<0.2
1257542	Soil	14	29	0.52	219	0.094	<1	1.57	0.012	0.12	0.1	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
1257536	Soil	12	64	0.73	235	0.107	<1	1.81	0.014	0.30	<0.1	0.03	3.0	0.1	<0.05	6	0.6	<0.2
1169103	Soil	11	57	0.79	179	0.188	<1	1.67	0.011	0.38	0.2	0.02	3.7	0.3	<0.05	7	<0.5	<0.2
1169107	Soil	11	46	0.73	195	0.138	<1	2.06	0.014	0.25	0.2	0.03	3.8	0.2	<0.05	6	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

1 of 3

Part 1

QUALITY CONTROL REPORT

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1124178	Soil	0.6	52.9	2.7	74	<0.1	66.5	15.6	667	3.32	1.6	0.5	1.5	1.9	16	<0.1	0.1	<0.1	88	0.27	0.047
REP 1124178	QC	0.5	50.9	2.8	71	<0.1	65.3	14.9	668	3.27	1.5	0.5	<0.5	1.9	16	<0.1	0.2	<0.1	88	0.28	0.046
1124009	Soil	0.7	29.6	8.3	66	<0.1	27.7	7.9	250	2.62	4.6	0.8	2.7	3.2	15	<0.1	0.2	0.2	53	0.19	0.043
REP 1124009	QC	0.5	30.2	8.5	65	<0.1	28.2	7.9	257	2.67	4.5	0.8	3.1	3.2	15	<0.1	0.2	0.2	53	0.19	0.043
1112690	Soil	0.6	52.0	6.0	94	0.2	22.0	7.0	234	3.23	1.6	1.0	2.1	3.3	17	0.2	0.2	0.2	64	0.11	0.037
REP 1112690	QC	0.6	50.7	5.7	95	0.2	21.7	6.9	224	3.18	1.6	0.9	3.1	3.1	17	0.2	0.1	0.2	63	0.10	0.035
1124253	Soil	0.8	42.1	5.8	79	<0.1	34.1	8.0	496	2.92	4.6	0.9	1.3	2.8	20	<0.1	0.3	0.1	87	0.21	0.031
REP 1124253	QC	0.8	41.0	5.7	79	0.1	33.0	7.9	485	2.92	4.4	0.9	2.7	2.5	20	0.1	0.2	0.1	87	0.21	0.032
1124269	Soil	1.6	57.8	11.5	111	<0.1	40.1	10.0	342	3.96	0.9	1.9	3.5	6.3	16	<0.1	<0.1	0.2	78	0.19	0.060
REP 1124269	QC	1.6	58.4	11.8	110	<0.1	39.9	10.5	357	3.95	<0.5	1.8	4.0	5.4	16	<0.1	<0.1	0.2	77	0.19	0.060
1107348	Soil	1.7	94.0	6.4	86	<0.1	45.6	14.2	288	3.63	7.6	1.2	4.6	2.9	13	<0.1	0.3	0.2	84	0.19	0.058
REP 1107348	QC	1.7	98.2	6.4	92	<0.1	48.1	14.9	305	3.79	7.9	1.2	4.9	3.0	13	<0.1	0.2	0.2	88	0.18	0.055
1107325	Soil	3.4	35.9	10.1	60	0.5	20.5	8.1	213	2.99	10.1	1.3	3.2	3.5	15	0.1	0.5	0.2	102	0.11	0.035
REP 1107325	QC	3.7	35.8	10.2	61	0.5	20.4	8.1	217	3.07	10.1	1.3	2.7	3.5	15	0.2	0.5	0.2	103	0.12	0.035
1124405	Soil	0.7	26.4	9.4	58	<0.1	32.0	11.5	455	2.73	10.0	0.8	5.9	4.5	24	<0.1	0.5	0.2	57	0.32	0.070
REP 1124405	QC	0.7	26.8	9.9	60	0.1	31.1	11.6	473	2.81	10.5	0.9	2.0	4.7	25	0.1	0.5	0.2	59	0.34	0.072
1257531	Soil	0.8	23.4	9.1	52	0.1	20.9	8.3	168	2.50	5.4	1.0	2.1	2.1	31	0.1	0.3	0.2	48	0.14	0.046
REP 1257531	QC	0.8	22.7	9.2	52	<0.1	21.4	8.3	175	2.50	5.0	1.0	2.6	2.1	32	0.2	0.3	0.2	49	0.14	0.046
1257511	Soil	0.8	48.2	8.0	59	<0.1	42.8	12.0	186	3.43	5.3	0.7	3.7	2.4	11	<0.1	0.2	0.2	75	0.16	0.060
REP 1257511	QC	0.8	47.0	7.6	57	0.1	41.5	11.7	184	3.42	4.9	0.7	4.2	2.2	11	<0.1	0.2	0.2	74	0.15	0.058
1066736	Soil	3.1	82.7	10.6	115	0.3	19.2	4.4	277	2.98	2.7	3.9	4.1	3.7	30	0.3	0.3	0.2	152	0.15	0.046
REP 1066736	QC	3.2	84.1	10.7	118	0.3	19.2	4.5	290	2.97	2.7	4.2	3.6	3.9	30	0.3	0.3	0.2	150	0.15	0.045
1125627	Soil	4.8	49.1	8.3	51	1.2	20.5	5.6	142	2.10	8.2	1.5	11.0	2.9	23	0.1	1.5	0.2	91	0.17	0.040
REP 1125627	QC	4.8	48.2	8.2	50	1.2	19.7	5.6	141	1.99	8.5	1.5	7.9	2.9	23	0.1	1.6	0.2	89	0.17	0.039
1125607	Soil	3.5	58.2	8.1	133	0.2	28.3	6.7	212	2.45	5.2	2.0	3.1	3.2	21	0.2	0.4	0.3	64	0.13	0.057
REP 1125607	QC	3.3	56.6	8.4	127	0.2	27.2	6.6	206	2.37	4.7	2.0	3.7	3.1	20	0.2	0.4	0.2	62	0.12	0.055
1125604	Soil	2.5	41.6	7.3	58	0.6	15.1	4.3	176	1.88	3.4	1.4	1.9	2.3	17	0.2	0.3	0.1	50	0.12	0.047
REP 1125604	QC	2.6	42.6	7.1	58	0.6	15.0	4.4	177	1.85	3.3	1.4	2.3	2.2	17	0.2	0.3	0.1	50	0.12	0.048



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

1 of 3

Part 2

QUALITY CONTROL REPORT

DAW11000554.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1124178	Soil	11	113	1.52	742	0.215	<1	2.07	0.009	0.91	<0.1	0.02	7.7	0.4	<0.05	8	0.6	<0.2
REP 1124178	QC	11	114	1.48	713	0.216	<1	2.01	0.009	0.90	<0.1	0.02	7.6	0.3	<0.05	8	<0.5	<0.2
1124009	Soil	16	36	0.64	232	0.102	<1	1.69	0.009	0.31	<0.1	0.02	3.3	0.3	<0.05	6	<0.5	<0.2
REP 1124009	QC	15	37	0.64	230	0.101	1	1.68	0.008	0.30	0.1	0.02	3.2	0.2	<0.05	5	<0.5	<0.2
1112690	Soil	11	43	1.04	302	0.238	<1	1.89	0.013	1.03	<0.1	<0.01	3.1	0.4	0.20	6	0.7	<0.2
REP 1112690	QC	10	41	1.04	284	0.237	<1	1.87	0.011	1.06	<0.1	<0.01	3.3	0.4	0.21	6	1.4	<0.2
1124253	Soil	12	51	0.92	364	0.175	<1	1.96	0.010	0.47	<0.1	0.02	6.7	0.2	<0.05	7	1.4	<0.2
REP 1124253	QC	12	50	0.93	365	0.173	<1	1.98	0.009	0.45	<0.1	0.01	6.6	0.3	<0.05	7	0.8	<0.2
1124269	Soil	19	50	1.00	706	0.141	<1	2.10	0.010	0.54	<0.1	<0.01	5.2	0.3	<0.05	8	1.4	<0.2
REP 1124269	QC	17	51	1.01	688	0.134	<1	2.19	0.011	0.53	<0.1	<0.01	5.0	0.3	<0.05	8	1.2	<0.2
1107348	Soil	12	58	0.81	440	0.206	<1	2.02	0.008	0.87	<0.1	0.02	5.2	0.4	0.08	7	<0.5	<0.2
REP 1107348	QC	13	62	0.84	445	0.212	<1	2.04	0.008	0.92	<0.1	0.02	5.1	0.4	0.05	7	<0.5	<0.2
1107325	Soil	13	44	0.70	407	0.072	1	2.28	0.010	0.10	0.1	0.04	2.8	0.3	0.13	6	0.7	<0.2
REP 1107325	QC	13	43	0.68	425	0.070	<1	2.25	0.010	0.09	0.2	0.04	2.9	0.3	0.12	6	0.8	<0.2
1124405	Soil	18	39	0.65	308	0.096	2	1.71	0.017	0.14	0.1	0.03	4.2	0.1	<0.05	5	<0.5	<0.2
REP 1124405	QC	18	40	0.66	318	0.098	1	1.77	0.018	0.15	0.1	0.03	4.3	0.1	<0.05	5	<0.5	<0.2
1257531	Soil	15	26	0.49	274	0.077	<1	1.63	0.007	0.23	<0.1	0.02	2.3	0.2	<0.05	5	<0.5	<0.2
REP 1257531	QC	14	26	0.50	263	0.078	<1	1.59	0.007	0.23	<0.1	0.02	2.3	0.2	<0.05	5	<0.5	<0.2
1257511	Soil	9	50	0.85	245	0.150	<1	2.13	0.013	0.53	<0.1	0.01	3.5	0.4	<0.05	7	<0.5	<0.2
REP 1257511	QC	8	50	0.82	236	0.148	<1	2.06	0.012	0.54	<0.1	0.01	3.5	0.3	<0.05	7	<0.5	<0.2
1066736	Soil	20	48	1.15	414	0.123	<1	2.05	0.013	0.55	<0.1	0.02	4.8	0.4	0.19	6	2.1	<0.2
REP 1066736	QC	20	49	1.09	437	0.122	<1	2.01	0.011	0.56	<0.1	0.02	5.0	0.3	0.20	6	2.3	<0.2
1125627	Soil	14	36	0.47	894	0.055	<1	1.15	0.010	0.10	0.2	0.12	3.3	0.1	0.08	4	2.5	<0.2
REP 1125627	QC	14	36	0.46	907	0.057	<1	1.13	0.012	0.11	0.2	0.12	3.3	0.1	<0.05	4	2.0	<0.2
1125607	Soil	14	34	0.53	835	0.064	1	1.40	0.007	0.08	0.1	0.02	3.1	0.2	<0.05	5	0.8	<0.2
REP 1125607	QC	13	34	0.50	815	0.061	1	1.35	0.006	0.07	0.1	0.03	2.9	0.2	<0.05	4	1.3	<0.2
1125604	Soil	10	29	0.58	687	0.057	<1	1.18	0.007	0.09	0.1	0.02	2.4	0.2	0.06	4	1.8	<0.2
REP 1125604	QC	10	29	0.61	674	0.057	<1	1.23	0.008	0.08	0.1	0.02	2.3	0.2	0.09	4	1.7	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

2 of 3

Part 1

QUALITY CONTROL REPORT

DAW11000554.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1107299	Soil	0.7	23.0	5.2	72	0.5	21.2	4.9	473	1.88	1.5	0.6	1.4	3.1	63	0.4	0.2	0.1	52	0.80
REP 1107299	QC	0.7	22.8	4.9	70	0.4	21.1	4.8	459	1.81	1.5	0.6	1.7	2.9	61	0.3	0.2	<0.1	52	0.78
1107311	Soil	0.4	30.1	4.4	50	<0.1	33.8	5.0	774	1.55	0.8	0.5	1.7	3.8	8	0.3	0.1	<0.1	64	0.16
REP 1107311	QC	0.3	30.2	4.3	50	<0.1	33.4	5.0	712	1.46	0.8	0.5	1.6	3.7	8	0.2	0.1	<0.1	61	0.15
1169129	Soil	1.5	25.6	6.1	30	0.2	19.8	6.3	154	1.77	4.7	0.5	3.7	1.2	10	0.1	0.2	0.2	47	0.13
REP 1169129	QC	1.4	25.3	5.8	31	0.2	19.8	6.8	160	1.80	5.1	0.5	3.1	1.3	10	0.2	0.3	0.2	50	0.13
1169116	Soil	1.6	23.1	9.8	50	0.1	18.4	7.2	282	2.65	6.3	0.7	1.9	2.6	13	<0.1	0.3	0.2	66	0.12
REP 1169116	QC	1.4	23.3	10.6	52	0.1	20.8	7.5	296	2.72	6.5	0.7	2.8	2.6	14	0.1	0.3	0.2	66	0.11
1169106	Soil	1.3	50.8	11.2	60	0.1	62.7	13.8	293	3.38	26.1	0.9	7.0	3.2	16	<0.1	0.5	0.3	77	0.14
REP 1169106	QC	1.3	50.1	10.8	60	0.1	62.6	13.9	292	3.34	26.1	0.9	7.0	3.1	16	<0.1	0.5	0.3	76	0.13
Reference Materials																				
STD DS8	Standard	13.4	111.0	129.8	320	1.9	37.6	7.6	605	2.45	27.7	3.1	126.5	6.9	71	2.4	6.1	7.0	43	0.70
STD DS8	Standard	12.8	109.4	124.7	310	1.8	38.4	7.5	620	2.45	26.4	2.8	117.4	6.9	67	2.2	5.6	6.3	41	0.71
STD DS8	Standard	13.0	109.4	127.6	303	1.8	39.0	7.6	598	2.37	25.1	3.2	119.8	7.9	80	2.1	6.8	8.0	41	0.67
STD DS8	Standard	13.3	113.4	122.4	301	1.7	39.1	7.8	597	2.35	24.6	2.7	107.3	6.7	57	2.1	5.2	6.1	42	0.65
STD DS8	Standard	13.2	103.5	119.3	295	1.6	35.9	7.3	592	2.32	25.2	2.6	106.8	6.6	66	2.1	5.2	5.4	44	0.69
STD DS8	Standard	12.7	107.5	117.8	294	1.8	36.4	7.3	585	2.29	26.3	3.1	97.7	7.2	67	2.3	5.2	6.7	42	0.67
STD DS8	Standard	11.7	104.4	115.9	294	1.7	34.1	6.8	567	2.28	25.5	2.6	118.8	6.8	66	2.2	5.3	6.8	40	0.63
STD DS8	Standard	12.4	101.5	115.4	286	1.7	34.0	6.8	563	2.27	24.7	2.5	95.4	6.3	65	1.8	5.1	5.2	37	0.64
STD DS8	Standard	14.4	108.2	128.3	309	1.8	38.4	7.4	623	2.38	26.4	2.9	119.0	7.3	74	2.2	5.6	6.4	42	0.71
STD DS8	Standard	11.8	98.9	119.5	281	1.7	33.3	6.7	549	2.20	24.2	2.4	107.4	5.7	68	2.1	5.8	6.3	36	0.62
STD DS8	Standard	13.4	109.2	123.9	290	1.7	37.8	7.5	584	2.37	25.2	2.6	114.6	6.6	60	2.3	4.9	6.1	43	0.67
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

2 of 3

Part 2

QUALITY CONTROL REPORT

DAW11000554.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1107299	Soil	11	31	0.68	348	0.073	<1	1.49	0.035	0.22	0.1	0.01	5.1	0.2	<0.05	5	0.6	<0.2
REP 1107299	QC	11	30	0.68	338	0.072	<1	1.49	0.035	0.21	<0.1	0.02	5.3	0.2	<0.05	5	0.5	<0.2
1107311	Soil	17	42	0.70	205	0.110	<1	0.96	0.004	0.30	<0.1	<0.01	4.0	0.1	<0.05	4	<0.5	<0.2
REP 1107311	QC	16	40	0.68	194	0.104	<1	0.92	0.004	0.29	<0.1	<0.01	3.9	0.1	<0.05	4	<0.5	<0.2
1169129	Soil	7	21	0.32	175	0.045	<1	0.99	0.013	0.04	<0.1	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
REP 1169129	QC	8	21	0.32	181	0.052	1	1.01	0.009	0.04	<0.1	0.01	1.7	0.1	<0.05	4	<0.5	<0.2
1169116	Soil	11	30	0.52	232	0.093	<1	1.57	0.008	0.12	<0.1	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
REP 1169116	QC	11	31	0.53	239	0.095	1	1.59	0.009	0.12	0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2
1169106	Soil	12	62	0.81	197	0.149	<1	1.98	0.012	0.28	0.1	0.02	3.9	0.3	<0.05	6	<0.5	<0.2
REP 1169106	QC	12	61	0.81	197	0.151	<1	1.91	0.015	0.27	0.2	0.03	3.8	0.3	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	118	0.64	290	0.131	3	0.93	0.109	0.45	3.0	0.23	2.5	5.8	0.15	5	5.7	4.7
STD DS8	Standard	16	120	0.62	272	0.113	2	0.92	0.095	0.42	2.9	0.20	2.1	5.6	0.13	5	5.1	5.2
STD DS8	Standard	16	120	0.61	278	0.139	3	0.91	0.109	0.44	2.9	0.19	3.3	5.5	0.15	4	4.7	5.2
STD DS8	Standard	15	116	0.59	259	0.111	3	0.85	0.074	0.38	3.0	0.21	2.1	5.2	0.22	5	5.3	4.9
STD DS8	Standard	16	115	0.59	273	0.117	3	0.90	0.093	0.42	2.8	0.19	2.1	5.0	0.23	5	4.8	4.8
STD DS8	Standard	15	110	0.57	284	0.115	3	0.91	0.104	0.41	2.9	0.17	2.8	5.0	0.12	4	4.9	4.8
STD DS8	Standard	14	109	0.58	266	0.103	3	0.89	0.101	0.42	3.0	0.20	2.4	5.1	0.14	4	5.1	5.2
STD DS8	Standard	14	108	0.57	255	0.108	3	0.89	0.111	0.39	2.6	0.17	2.4	4.9	0.15	4	4.6	4.0
STD DS8	Standard	16	121	0.60	276	0.120	2	0.93	0.103	0.44	2.9	0.21	3.3	5.3	0.14	5	5.4	4.7
STD DS8	Standard	14	107	0.56	259	0.101	2	0.83	0.086	0.38	2.6	0.17	2.0	4.9	0.13	4	4.9	5.3
STD DS8	Standard	15	117	0.60	276	0.112	3	0.93	0.095	0.41	2.9	0.20	2.2	5.3	0.18	5	4.4	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

3 of 3

Part 1

QUALITY CONTROL REPORT

DAW11000554.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 05, 2011

Page:

3 of 3

Part 2

QUALITY CONTROL REPORT

DAW11000554.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead

Receiving Lab: Canada-Whitehorse

Received: October 14, 2011

Report Date: December 02, 2011

Page: 1 of 2

CERTIFICATE OF ANALYSIS

DAW11000555.1

CLIENT JOB INFORMATION

Project: GEM
Shipment ID: GEM2011-07
P.O. Number
Number of Samples: 28

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
PICKUP-RJT Client to Pickup Rejects

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	28	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	28	Dry at 60C			WHI
RJSV	28	Saving all or part of Soil Reject			WHI
1DX2	28	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 02, 2011

Page:

2 of 2

Part 1

CERTIFICATE OF ANALYSIS

DAW11000555.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1257564	Soil	0.8	30.6	7.8	63	0.2	30.5	9.8	178	2.79	3.7	1.1	4.0	3.4	16	0.1	0.3	0.2	61	0.20	0.063
1257559	Soil	0.8	29.7	8.6	62	0.1	34.4	10.8	258	2.98	4.2	1.3	2.1	3.6	17	<0.1	0.2	0.2	65	0.19	0.045
1257545	Soil	0.6	27.7	11.1	64	<0.1	27.4	10.4	368	2.80	6.6	1.1	3.7	4.5	16	<0.1	0.4	0.2	61	0.15	0.045
1257543	Soil	0.8	18.1	11.2	64	<0.1	20.1	9.9	313	2.88	6.7	0.8	2.4	4.6	12	<0.1	0.4	0.2	61	0.12	0.048
1257563	Soil	0.8	27.1	7.9	52	0.2	27.8	8.4	150	2.58	3.5	1.5	3.0	2.3	16	<0.1	0.2	0.3	57	0.16	0.055
1257560	Soil	0.9	29.5	8.5	57	0.2	29.2	9.9	231	2.79	4.1	1.2	8.4	3.1	16	0.1	0.2	0.3	63	0.18	0.051
1257557	Soil	0.6	20.9	9.7	57	0.3	30.8	6.5	210	2.21	3.4	1.5	1.2	2.6	33	0.2	0.2	0.2	54	0.32	0.037
1257544	Soil	0.7	16.6	9.5	64	<0.1	19.1	9.9	295	2.97	5.6	0.9	3.4	4.3	11	0.1	0.3	0.2	64	0.11	0.036
1257566	Soil	0.5	15.7	7.4	46	0.1	19.6	5.7	97	2.06	3.5	1.1	4.4	2.1	16	0.1	0.2	0.2	42	0.17	0.048
1257556	Soil	0.7	27.4	10.3	76	0.1	45.5	10.3	385	2.97	3.7	1.0	1.0	5.2	23	<0.1	0.1	0.2	79	0.25	0.047
1257561	Soil	0.9	23.9	8.4	56	0.1	28.6	8.8	169	2.76	4.1	1.0	1.2	3.0	13	<0.1	0.2	0.2	61	0.14	0.045
1257539	Soil	1.1	24.3	12.0	58	<0.1	27.2	7.2	190	2.77	6.4	0.9	2.4	0.9	14	0.1	0.4	0.3	65	0.11	0.050
1257565	Soil	0.7	24.9	8.8	58	0.1	25.9	8.3	145	2.59	4.3	1.2	3.6	3.0	16	0.2	0.3	0.3	57	0.18	0.052
1257562	Soil	1.0	24.1	8.5	55	0.1	27.5	8.7	169	2.76	4.2	1.1	6.6	3.2	13	<0.1	0.2	0.2	64	0.15	0.046
1257558	Soil	0.9	25.0	8.8	65	<0.1	33.1	11.4	311	3.03	4.4	1.3	1.7	3.9	15	<0.1	0.2	0.2	67	0.17	0.040
1257541	Soil	0.6	23.6	8.1	63	<0.1	26.0	8.9	256	2.54	4.9	0.8	1.9	3.3	14	<0.1	0.3	0.2	53	0.15	0.040
1257546	Soil	0.7	22.0	10.0	59	<0.1	31.6	9.6	311	2.69	8.8	1.0	2.9	4.9	22	<0.1	0.4	0.2	58	0.21	0.044
1257551	Soil	0.6	17.7	11.2	56	<0.1	25.3	8.7	305	2.75	6.2	0.9	1.2	2.9	15	<0.1	0.3	0.2	62	0.14	0.035
1257550	Soil	0.6	23.3	9.3	60	<0.1	26.8	10.0	290	2.77	4.7	1.0	1.0	5.1	16	0.1	0.3	0.2	57	0.15	0.036
1257567	Soil	0.4	18.1	8.7	53	<0.1	18.7	6.3	113	2.07	3.2	1.0	1.3	2.5	16	0.1	0.3	0.2	43	0.19	0.048
1257547	Soil	0.7	23.3	9.6	59	<0.1	23.0	9.5	301	2.78	6.6	0.8	1.3	3.8	13	<0.1	0.3	0.2	61	0.14	0.039
1257553	Soil	0.6	30.7	9.7	70	0.1	26.0	11.2	348	3.02	5.1	1.4	9.1	5.7	20	<0.1	0.3	0.2	63	0.19	0.042
1257555	Soil	0.6	21.4	11.3	73	<0.1	30.7	9.4	355	2.85	4.1	0.7	8.2	4.6	16	0.2	0.2	0.2	65	0.15	0.041
1257568	Soil	0.4	17.9	8.9	52	<0.1	19.5	6.7	125	2.23	5.3	1.1	2.2	2.4	18	0.1	0.3	0.2	48	0.20	0.053
1257548	Soil	0.6	33.0	9.1	54	<0.1	27.5	8.6	252	2.58	4.3	1.1	2.1	2.9	17	<0.1	0.3	0.2	59	0.16	0.039
1257552	Soil	0.5	21.4	10.3	62	<0.1	34.3	10.1	333	2.79	4.8	0.9	1.3	5.4	15	0.1	0.2	0.2	59	0.16	0.038
1257554	Soil	0.5	18.8	8.6	73	<0.1	23.0	10.6	304	2.85	3.8	1.1	1.0	6.2	14	<0.1	0.2	0.2	58	0.17	0.048
1257549	Soil	0.5	33.8	9.0	60	<0.1	48.6	12.2	347	2.83	4.5	0.7	0.7	4.0	23	<0.1	0.3	0.2	65	0.18	0.034



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 02, 2011

Page:

2 of 2

Part 2

CERTIFICATE OF ANALYSIS

DAW11000555.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1257564	Soil	11	38	0.66	207	0.161	<1	1.68	0.016	0.38	0.2	0.03	3.4	0.3	<0.05	5	<0.5	<0.2
1257559	Soil	10	45	0.73	212	0.164	<1	1.86	0.012	0.29	0.1	0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1257545	Soil	19	37	0.62	237	0.110	1	1.88	0.010	0.16	0.1	0.03	4.3	0.2	<0.05	6	<0.5	<0.2
1257543	Soil	15	32	0.51	137	0.109	1	1.86	0.011	0.18	<0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1257563	Soil	11	35	0.56	211	0.129	1	1.59	0.012	0.27	<0.1	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1257560	Soil	11	38	0.65	220	0.153	<1	1.73	0.013	0.29	0.1	0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1257557	Soil	17	42	0.62	330	0.124	1	1.74	0.012	0.21	<0.1	0.04	3.6	0.1	<0.05	6	<0.5	<0.2
1257544	Soil	13	28	0.76	172	0.137	<1	2.06	0.011	0.33	0.1	0.02	4.6	0.2	<0.05	6	<0.5	<0.2
1257566	Soil	11	28	0.48	162	0.102	1	1.33	0.011	0.14	0.1	0.04	2.5	0.1	<0.05	4	<0.5	<0.2
1257556	Soil	17	72	1.02	467	0.195	<1	2.51	0.017	0.60	<0.1	0.01	5.7	0.2	<0.05	8	<0.5	<0.2
1257561	Soil	9	39	0.63	172	0.154	<1	1.74	0.010	0.23	<0.1	0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1257539	Soil	13	40	0.51	164	0.079	2	1.76	0.009	0.18	<0.1	0.02	2.4	0.2	<0.05	7	<0.5	<0.2
1257565	Soil	11	36	0.60	202	0.138	<1	1.66	0.012	0.25	0.2	0.03	3.3	0.2	<0.05	5	<0.5	<0.2
1257562	Soil	10	39	0.67	177	0.158	1	1.83	0.012	0.24	0.1	0.01	3.3	0.2	<0.05	6	<0.5	<0.2
1257558	Soil	12	47	0.72	243	0.169	<1	1.91	0.011	0.31	0.1	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1257541	Soil	11	33	0.58	203	0.121	<1	1.64	0.011	0.20	0.1	<0.01	3.5	0.2	<0.05	5	<0.5	<0.2
1257546	Soil	17	52	0.73	257	0.096	1	1.79	0.011	0.08	0.1	0.03	4.0	0.1	<0.05	5	<0.5	<0.2
1257551	Soil	14	38	0.60	176	0.124	<1	1.86	0.010	0.13	<0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1257550	Soil	14	40	0.76	272	0.173	1	1.99	0.010	0.25	<0.1	0.02	4.1	0.2	<0.05	6	<0.5	<0.2
1257567	Soil	12	29	0.48	195	0.098	<1	1.41	0.012	0.16	0.2	0.05	2.7	0.1	<0.05	5	<0.5	<0.2
1257547	Soil	12	37	0.60	201	0.114	1	1.84	0.009	0.13	0.1	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1257553	Soil	21	38	0.70	274	0.160	<1	1.89	0.010	0.32	<0.1	0.03	4.3	0.2	<0.05	6	<0.5	<0.2
1257555	Soil	17	44	0.74	281	0.164	1	1.89	0.011	0.41	0.1	0.01	4.0	0.2	<0.05	6	<0.5	<0.2
1257568	Soil	12	28	0.46	180	0.097	1	1.32	0.011	0.17	0.2	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
1257548	Soil	14	40	0.62	172	0.121	1	1.65	0.010	0.21	<0.1	0.01	3.6	0.2	<0.05	6	<0.5	<0.2
1257552	Soil	18	46	0.74	191	0.165	<1	1.97	0.009	0.33	<0.1	0.01	3.8	0.2	<0.05	7	<0.5	<0.2
1257554	Soil	26	32	0.75	250	0.164	1	1.92	0.010	0.49	<0.1	0.01	4.1	0.3	<0.05	6	<0.5	<0.2
1257549	Soil	14	74	1.24	333	0.177	<1	2.35	0.010	0.26	<0.1	0.01	4.2	0.2	<0.05	7	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 02, 2011

Page:

1 of 1

Part 1

QUALITY CONTROL REPORT

DAW11000555.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1257564	Soil	0.8	30.6	7.8	63	0.2	30.5	9.8	178	2.79	3.7	1.1	4.0	3.4	16	0.1	0.3	0.2	61	0.20	0.063
REP 1257564	QC	0.8	30.8	7.9	65	0.1	30.3	9.7	181	2.84	4.0	1.1	4.2	3.4	17	<0.1	0.3	0.2	63	0.19	0.063
1257546	Soil	0.7	22.0	10.0	59	<0.1	31.6	9.6	311	2.69	8.8	1.0	2.9	4.9	22	<0.1	0.4	0.2	58	0.21	0.044
REP 1257546	QC	0.8	23.6	10.5	61	<0.1	35.5	10.3	303	2.81	9.4	1.1	3.2	5.1	23	<0.1	0.5	0.2	59	0.22	0.047
Reference Materials																					
STD DS8	Standard	11.7	103.4	134.4	294	1.8	35.8	7.2	578	2.33	24.9	2.9	120.1	7.1	74	2.2	6.1	7.4	41	0.65	0.071
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

December 02, 2011

Page:

1 of 1

Part 2

QUALITY CONTROL REPORT

DAW11000555.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1257564	Soil	11	38	0.66	207	0.161	<1	1.68	0.016	0.38	0.2	0.03	3.4	0.3	<0.05	5	<0.5	<0.2
REP 1257564	QC	11	39	0.67	209	0.163	<1	1.72	0.014	0.38	0.1	0.01	3.5	0.3	<0.05	5	<0.5	<0.2
1257546	Soil	17	52	0.73	257	0.096	1	1.79	0.011	0.08	0.1	0.03	4.0	0.1	<0.05	5	<0.5	<0.2
REP 1257546	QC	18	54	0.78	265	0.104	1	1.89	0.012	0.08	0.1	0.02	4.3	0.1	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	114	0.57	262	0.124	3	0.86	0.094	0.41	2.8	0.19	3.1	5.2	0.12	4	3.8	5.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead

Receiving Lab: Canada-Whitehorse

Received: June 29, 2011

Report Date: July 19, 2011

Page: 1 of 6

CERTIFICATE OF ANALYSIS

WHI11000398.1

CLIENT JOB INFORMATION

Project: GEM
Shipment ID:
P.O. Number
Number of Samples: 133

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	133	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	133	Dry at 60C			VAN
1DX2	133	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 19, 2011

Page:

2 of 6

Part 1

CERTIFICATE OF ANALYSIS

WHI11000398.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
1041602	Soil	0.4	55.7	6.5	72	<0.1	316.5	22.2	496	3.43	3.2	0.7	0.5	4.3	39	0.1	0.2	0.1	102	0.59	0.060
1042934	Soil	0.8	58.6	10.8	104	0.1	81.4	18.3	877	3.92	3.4	1.2	1.5	7.1	47	0.3	0.2	0.2	118	0.49	0.060
1042936	Soil	0.7	35.5	10.7	72	0.1	45.2	13.8	532	3.24	5.7	1.2	1.9	5.7	47	<0.1	0.3	0.2	86	0.45	0.055
1042930	Soil	1.0	53.4	9.8	81	0.1	46.5	13.6	564	3.30	6.1	1.3	7.2	4.8	19	<0.1	0.4	0.2	79	0.23	0.047
1041618	Soil	0.8	66.2	6.1	56	<0.1	88.6	25.8	292	3.51	4.2	0.4	2.3	3.7	29	<0.1	0.4	0.1	101	0.39	0.025
1041613	Soil	0.8	25.7	10.9	74	0.1	30.3	9.6	248	2.79	7.0	1.0	5.7	3.3	21	0.2	0.4	0.2	63	0.21	0.061
1041617	Soil	0.4	80.1	3.0	65	<0.1	69.8	24.0	369	4.01	1.9	0.7	1.1	3.0	30	0.1	0.1	<0.1	139	0.50	0.053
1041603	Soil	1.0	29.4	7.9	66	<0.1	32.3	9.6	341	2.54	6.1	0.7	2.2	3.0	19	0.1	0.4	0.1	67	0.23	0.048
1042923	Soil	0.9	42.7	10.2	72	0.2	37.5	12.6	316	3.02	6.1	1.1	5.8	3.4	20	0.2	0.5	0.2	72	0.22	0.062
1041616	Soil	0.8	42.3	7.0	55	<0.1	41.3	16.0	295	3.13	5.7	0.4	1.5	2.8	15	0.1	0.3	0.1	86	0.18	0.033
1041610	Soil	0.7	58.3	14.8	182	0.1	104.9	18.9	502	4.91	3.3	1.4	1.6	8.8	50	<0.1	0.2	0.3	124	0.44	0.051
1042933	Soil	0.8	41.7	9.5	76	<0.1	36.6	13.8	480	3.39	5.3	0.9	1.8	3.5	23	0.1	0.3	0.2	97	0.29	0.052
1042931	Soil	0.8	53.7	10.3	95	<0.1	58.8	15.4	759	3.55	4.7	1.1	2.0	6.9	22	0.1	0.3	0.2	91	0.30	0.047
1042941	Soil	0.8	52.2	15.5	117	<0.1	53.1	18.0	484	5.08	4.4	1.6	3.1	11.4	37	<0.1	0.3	0.3	100	0.31	0.026
1041612	Soil	0.8	25.4	10.0	55	0.2	24.3	6.9	162	2.29	5.6	1.0	1.5	0.8	22	0.2	0.3	0.2	47	0.21	0.058
1042937	Soil	0.8	28.8	8.7	70	<0.1	36.3	10.5	384	2.61	7.1	0.9	3.8	4.7	30	0.1	0.5	0.2	60	0.33	0.063
1042924	Soil	1.2	41.2	10.4	72	0.2	37.7	11.1	481	2.63	7.0	1.0	5.2	2.4	22	0.2	0.5	0.2	67	0.20	0.059
1041614	Soil	0.9	30.1	9.6	66	0.2	27.8	11.3	390	2.70	6.3	1.1	10.3	2.7	18	0.2	0.4	0.2	63	0.20	0.059
1041604	Soil	0.8	34.4	7.2	69	<0.1	36.8	9.8	333	2.62	5.2	0.8	2.4	3.8	21	0.1	0.4	0.1	74	0.30	0.058
1042925	Soil	1.0	42.3	9.3	76	0.2	36.1	11.6	475	2.61	6.0	0.8	3.5	3.4	22	0.1	0.5	0.2	64	0.27	0.056
1042926	Soil	3.0	80.0	14.3	101	0.5	57.2	20.3	1350	3.94	9.3	2.1	8.8	2.6	39	0.3	0.6	0.3	93	0.49	0.126
1042932	Soil	0.7	49.1	11.7	83	0.1	64.2	16.8	724	3.69	6.5	1.5	3.5	7.7	43	0.1	0.4	0.2	92	0.61	0.062
1041611	Soil	1.0	37.9	7.2	55	<0.1	37.1	14.5	539	3.20	3.4	0.4	3.6	2.4	14	<0.1	0.2	0.2	111	0.20	0.048
1042939	Soil	0.9	50.9	15.4	125	0.1	80.6	20.8	511	4.40	4.9	0.7	2.8	7.3	30	0.2	0.4	0.3	105	0.18	0.035
1042927	Soil	1.1	45.7	9.9	71	<0.1	41.3	12.5	491	2.82	7.9	0.8	3.4	3.9	16	0.2	0.4	0.2	66	0.17	0.045
1041615	Soil	0.4	95.0	7.9	59	0.2	217.5	46.8	611	5.00	2.7	0.6	2.8	1.6	79	<0.1	0.2	0.1	124	0.77	0.023
1042928	Soil	1.1	45.5	11.2	59	<0.1	31.6	8.1	287	2.55	7.4	0.8	4.4	1.4	17	0.2	0.3	0.2	67	0.17	0.042
1042942	Soil	0.8	50.0	16.6	112	<0.1	54.9	18.1	488	5.03	4.2	1.5	4.2	11.3	35	<0.1	0.3	0.3	104	0.31	0.028
1042929	Soil	0.9	53.1	10.1	77	<0.1	45.7	13.7	695	3.21	7.3	0.8	4.2	3.5	16	0.2	0.3	0.2	82	0.18	0.051
1042940	Soil	0.6	45.4	16.3	120	<0.1	49.7	14.4	495	4.08	2.1	1.3	3.3	10.3	109	0.1	0.2	0.2	64	0.49	0.052



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: July 19, 2011

Page: 2 of 6 Part 2

CERTIFICATE OF ANALYSIS

WHI11000398.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1041602	Soil	15	260	3.09	899	0.186	1	3.12	0.024	0.34	<0.1	0.03	7.3	0.7	<0.05	9	<0.5	<0.2
1042934	Soil	20	133	1.99	1136	0.258	<1	3.83	0.067	1.16	0.2	0.01	9.2	0.4	<0.05	11	0.7	<0.2
1042936	Soil	18	74	1.31	1020	0.190	<1	2.78	0.018	0.38	0.2	0.03	6.6	0.2	<0.05	8	<0.5	<0.2
1042930	Soil	14	67	1.07	393	0.168	<1	2.25	0.011	0.40	0.1	0.02	5.2	0.2	<0.05	7	0.7	<0.2
1041618	Soil	13	127	1.95	452	0.224	<1	3.02	0.014	0.11	<0.1	0.01	4.5	0.2	<0.05	8	0.6	<0.2
1041613	Soil	14	41	0.62	349	0.087	1	1.90	0.009	0.10	0.2	0.05	3.8	0.1	<0.05	6	<0.5	<0.2
1041617	Soil	14	151	2.72	784	0.378	<1	3.16	0.017	0.74	<0.1	0.02	6.9	0.3	<0.05	10	0.5	<0.2
1041603	Soil	12	55	0.93	228	0.096	<1	1.84	0.010	0.05	0.1	0.02	3.8	0.1	<0.05	6	<0.5	<0.2
1042923	Soil	13	57	0.71	330	0.112	<1	1.99	0.010	0.10	0.2	0.04	5.1	0.1	<0.05	6	<0.5	<0.2
1041616	Soil	9	77	1.28	260	0.213	<1	2.39	0.013	0.24	0.2	0.01	3.6	0.1	<0.05	7	<0.5	<0.2
1041610	Soil	29	151	1.96	714	0.314	<1	3.65	0.016	1.21	<0.1	0.02	8.7	2.4	<0.05	11	0.8	<0.2
1042933	Soil	13	60	1.09	457	0.184	<1	2.45	0.015	0.48	0.1	0.02	5.9	0.2	<0.05	8	0.6	<0.2
1042931	Soil	24	84	1.30	656	0.201	<1	2.46	0.016	0.66	0.2	0.02	7.5	0.4	<0.05	8	0.8	<0.2
1042941	Soil	35	59	1.55	630	0.277	<1	3.36	0.011	1.04	<0.1	0.04	8.0	1.0	<0.05	10	0.6	<0.2
1041612	Soil	12	34	0.47	278	0.059	<1	1.51	0.011	0.08	0.1	0.07	2.3	0.1	<0.05	5	0.6	<0.2
1042937	Soil	15	51	0.79	323	0.109	1	1.82	0.014	0.10	0.2	0.03	3.7	0.2	<0.05	5	0.9	<0.2
1042924	Soil	13	39	0.54	565	0.080	<1	1.83	0.010	0.07	0.1	0.05	4.1	0.1	<0.05	6	0.7	<0.2
1041614	Soil	14	41	0.56	344	0.086	<1	1.78	0.010	0.08	0.2	0.05	3.8	0.1	<0.05	5	<0.5	<0.2
1041604	Soil	13	72	1.18	307	0.137	<1	2.05	0.011	0.14	0.2	0.02	4.8	0.1	<0.05	6	0.5	<0.2
1042925	Soil	11	40	0.59	362	0.102	<1	1.64	0.011	0.10	0.2	0.05	3.8	0.1	<0.05	5	<0.5	<0.2
1042926	Soil	17	59	0.73	558	0.101	2	2.53	0.015	0.19	0.1	0.09	6.2	0.2	<0.05	8	0.9	<0.2
1042932	Soil	24	92	1.44	760	0.211	<1	3.39	0.081	0.51	0.2	0.03	7.1	0.3	<0.05	9	0.8	<0.2
1041611	Soil	7	86	1.53	439	0.284	<1	2.50	0.021	0.65	0.1	0.01	6.3	0.1	<0.05	9	0.6	<0.2
1042939	Soil	12	89	1.35	437	0.250	<1	3.56	0.015	0.70	0.1	0.02	5.8	0.8	<0.05	10	<0.5	<0.2
1042927	Soil	12	42	0.60	289	0.113	<1	1.81	0.008	0.12	0.2	0.04	3.4	<0.1	<0.05	6	<0.5	<0.2
1041615	Soil	8	217	3.95	1205	0.238	<1	4.07	0.033	0.55	<0.1	0.03	9.4	1.1	<0.05	10	<0.5	<0.2
1042928	Soil	11	36	0.51	255	0.085	<1	1.67	0.009	0.10	0.1	0.03	2.7	<0.1	<0.05	7	0.8	<0.2
1042942	Soil	35	60	1.51	623	0.269	<1	3.24	0.011	0.91	<0.1	0.03	8.0	0.9	<0.05	10	0.5	<0.2
1042929	Soil	12	49	0.76	327	0.141	<1	1.99	0.009	0.28	0.2	0.03	3.8	0.2	<0.05	7	0.7	<0.2
1042940	Soil	17	50	1.40	675	0.246	<1	3.04	0.021	1.08	<0.1	0.03	5.5	1.0	<0.05	9	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 19, 2011

Page:

3 of 6

Part 1

CERTIFICATE OF ANALYSIS

WHI11000398.1

	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1042935	Soil																							
1041506	Soil																							
1041505	Soil																							
1041504	Soil																							
1041503	Soil																							
1041502	Soil																							
1041501	Soil																							
1041517	Soil																							
1041518	Soil																							
1041519	Soil																							
1041535	Soil																							
1041534	Soil																							
1041510	Soil																							
1041531	Soil																							
1041511	Soil																							
1041533	Soil																							
1041512	Soil																							
1041509	Soil																							
1041508	Soil																							
1041515	Soil																							
1041507	Soil																							
1041514	Soil																							
1041513	Soil																							
1041522	Soil																							
1041520	Soil																							
1041521	Soil																							
1041530	Soil																							
1041532	Soil																							
1041529	Soil																							
1041527	Soil																							



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: July 19, 2011

Page: 3 of 6 Part 2

CERTIFICATE OF ANALYSIS

WHI11000398.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1042935	Soil	19	60	1.03	600	0.156	<1	2.26	0.025	0.32	0.1	0.03	6.0	0.2	<0.05	7	0.8
1041506	Soil	22	45	0.74	301	0.133	<1	1.83	0.012	0.26	0.2	0.03	4.1	0.2	<0.05	5	0.5
1041505	Soil	29	156	1.65	535	0.252	<1	3.17	0.014	1.05	0.1	0.01	6.3	0.7	<0.05	10	<0.5
1041504	Soil	28	245	2.57	992	0.349	<1	4.77	0.021	1.99	0.1	0.02	11.1	0.9	<0.05	14	0.7
1041503	Soil	22	119	1.67	821	0.213	<1	3.52	0.011	0.83	0.1	0.02	6.9	0.4	<0.05	10	<0.5
1041502	Soil	31	73	1.85	901	0.309	<1	3.90	0.012	1.27	<0.1	0.01	8.1	0.6	0.05	11	0.9
1041501	Soil	32	54	2.32	830	0.320	1	4.01	0.014	0.98	0.1	<0.01	12.9	0.4	<0.05	11	<0.5
1041517	Soil	14	39	0.70	247	0.087	1	2.22	0.010	0.08	0.2	0.03	4.0	0.1	<0.05	7	0.8
1041518	Soil	16	36	1.32	620	0.154	<1	2.63	0.005	0.37	0.1	<0.01	6.5	0.3	<0.05	7	0.8
1041519	Soil	12	36	0.73	355	0.098	<1	1.97	0.008	0.13	0.2	0.02	4.0	0.1	<0.05	6	0.7
1041535	Soil	13	31	0.95	1033	0.118	<1	1.96	0.010	0.16	0.1	0.03	5.3	0.1	<0.05	6	0.5
1041534	Soil	25	71	1.35	719	0.234	<1	2.69	0.013	0.84	<0.1	<0.01	5.9	0.5	<0.05	8	1.4
1041510	Soil	19	107	1.40	262	0.142	1	3.13	0.082	0.20	0.2	0.05	12.0	0.3	<0.05	9	1.4
1041531	Soil	21	88	1.63	930	0.237	<1	3.25	0.019	1.08	0.1	0.02	8.1	0.4	<0.05	10	0.7
1041511	Soil	12	93	1.40	236	0.116	<1	2.30	0.037	0.17	0.1	<0.01	7.3	0.2	<0.05	7	1.0
1041533	Soil	13	42	0.91	332	0.149	1	2.65	0.009	0.41	0.1	0.02	4.2	0.3	<0.05	7	0.9
1041512	Soil	12	72	2.16	313	0.136	1	3.45	0.073	0.25	0.1	<0.01	8.0	0.2	0.08	9	1.5
1041509	Soil	10	86	1.17	786	0.189	<1	2.26	0.011	0.75	<0.1	0.02	6.5	0.3	0.08	7	1.2
1041508	Soil	15	35	0.51	384	0.087	1	1.61	0.013	0.09	0.2	0.04	4.0	<0.1	<0.05	4	1.3
1041515	Soil	13	53	1.19	326	0.102	1	2.42	0.012	0.18	<0.1	0.01	5.7	0.2	<0.05	7	0.7
1041507	Soil	16	39	0.65	415	0.104	2	1.82	0.016	0.11	0.2	0.02	4.6	0.1	<0.05	5	<0.5
1041514	Soil	10	98	1.88	1096	0.292	1	2.87	0.017	0.83	<0.1	<0.01	8.6	0.2	<0.05	9	1.0
1041513	Soil	12	78	0.68	203	0.047	<1	1.54	0.003	0.13	<0.1	<0.01	5.7	0.1	<0.05	5	0.9
1041522	Soil	12	248	3.24	654	0.481	<1	5.54	0.024	1.50	0.2	0.02	16.4	2.3	<0.05	17	0.9
1041520	Soil	21	85	2.00	653	0.164	<1	2.64	0.015	0.57	0.1	<0.01	5.1	1.3	<0.05	7	0.8
1041521	Soil	23	115	2.09	652	0.185	<1	2.81	0.016	0.48	0.1	0.01	5.6	1.3	<0.05	8	<0.5
1041530	Soil	19	65	1.79	847	0.306	<1	3.63	0.016	0.61	<0.1	0.01	11.1	0.6	<0.05	12	1.1
1041532	Soil	21	82	1.56	837	0.227	1	3.26	0.022	0.99	0.2	0.02	7.8	0.4	<0.05	10	0.6
1041529	Soil	25	61	1.47	645	0.315	1	3.52	0.014	0.94	<0.1	0.02	7.4	1.3	<0.05	9	<0.5
1041527	Soil	13	18	0.59	342	0.096	1	1.90	0.022	0.19	<0.1	<0.01	3.0	0.3	0.20	6	<0.5



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 19, 2011

Page:

4 of 6

Part 1

CERTIFICATE OF ANALYSIS

WHI11000398.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
1041528	Soil	1.1	37.6	13.4	102	0.1	42.7	14.5	390	4.12	5.1	1.3	2.7	7.2	46	<0.1	0.3	0.2	87	0.16	0.026
1041526	Soil	1.6	30.4	13.1	98	0.4	38.6	14.1	577	4.04	10.0	0.9	3.9	6.3	17	0.1	0.6	0.2	91	0.13	0.043
1041524	Soil	0.5	35.9	11.1	88	<0.1	36.9	14.5	547	4.09	4.3	1.2	<0.5	12.9	12	<0.1	0.2	0.3	55	0.12	0.019
1041523	Soil	0.5	49.5	14.6	134	<0.1	81.9	17.6	532	4.46	8.5	0.5	0.5	7.0	21	<0.1	0.2	0.2	129	0.17	0.022
1041525	Soil	1.1	38.8	12.9	106	0.1	60.9	13.0	497	4.02	4.8	0.3	1.3	6.3	36	<0.1	0.3	0.3	85	0.21	0.027
1041559	Soil	1.3	39.8	11.7	82	<0.1	38.0	13.6	400	3.98	10.1	<0.1	1.6	6.3	17	0.1	0.6	0.3	71	0.15	0.032
1041558	Soil	1.3	50.8	9.9	59	0.1	32.1	12.4	286	3.08	9.7	<0.1	8.0	2.9	15	0.2	0.5	0.2	65	0.19	0.072
1041561	Soil	0.7	35.1	10.5	68	0.2	28.7	9.8	229	2.72	5.3	<0.1	3.5	2.4	22	0.2	0.4	0.2	57	0.29	0.065
1041562	Soil	0.7	28.8	9.5	72	0.1	31.5	10.7	275	2.74	6.8	<0.1	2.8	3.1	22	0.1	0.4	0.2	55	0.27	0.066
1041557	Soil	1.4	37.3	12.0	80	<0.1	39.1	15.2	279	3.59	10.4	<0.1	1.3	3.7	13	0.2	0.6	0.3	73	0.13	0.042
1041560	Soil	0.8	34.5	9.8	70	0.2	35.9	10.4	199	2.91	6.0	1.2	3.0	4.8	20	<0.1	0.4	0.2	58	0.28	0.065
1041556	Soil	1.4	22.2	10.0	57	0.1	24.7	8.9	213	4.04	8.5	0.5	2.3	2.7	11	0.2	0.5	0.2	67	0.14	0.039
1041555	Soil	1.3	49.6	8.2	64	0.2	37.0	13.7	288	3.30	9.3	0.8	3.7	3.8	13	0.1	0.5	0.3	65	0.18	0.051
1041551	Soil	1.5	37.3	9.8	52	<0.1	29.0	9.6	138	3.46	7.5	0.7	2.9	2.3	12	<0.1	0.4	0.2	75	0.12	0.045
1041554	Soil	1.1	45.8	8.2	61	0.1	28.8	11.0	213	2.84	7.6	1.1	2.8	3.4	14	<0.1	0.4	0.2	63	0.21	0.065
1041566	Soil	1.1	34.1	10.3	71	<0.1	75.8	14.2	554	3.34	5.3	1.6	0.7	6.6	50	0.1	0.2	0.2	70	0.31	0.034
1041572	Soil	0.9	46.3	8.5	76	<0.1	72.9	14.4	686	3.07	15.4	0.8	<0.5	4.1	34	<0.1	0.3	0.2	75	0.31	0.033
1041573	Soil	0.9	48.1	8.4	78	<0.1	93.8	15.5	797	3.15	20.7	0.7	2.2	4.2	44	0.1	0.3	0.2	82	0.36	0.039
1041571	Soil	1.2	39.7	8.9	79	<0.1	43.0	12.5	372	2.61	6.2	0.7	5.2	2.1	14	<0.1	0.3	0.2	68	0.17	0.043
1041552	Soil	0.3	37.9	7.3	106	<0.1	179.3	23.4	466	4.44	3.6	0.5	1.5	4.0	10	0.1	<0.1	0.4	145	0.22	0.056
1041582	Soil	1.7	79.8	3.0	116	0.2	18.5	7.1	146	3.18	1.1	0.9	1.1	1.4	14	0.2	<0.1	0.1	69	0.09	0.030
1041563	Soil	1.3	37.9	11.2	80	0.1	43.3	14.6	490	3.68	8.6	0.9	5.9	3.2	17	0.2	0.3	0.3	87	0.21	0.050
1041570	Soil	1.1	42.9	10.0	96	<0.1	59.9	15.9	654	3.47	9.2	0.7	3.3	4.8	20	0.1	0.4	0.2	88	0.24	0.052
1041568	Soil	0.8	38.6	8.6	71	<0.1	84.5	14.5	365	3.27	9.6	0.9	2.5	5.3	43	<0.1	0.2	0.2	82	0.32	0.044
1041574	Soil	1.2	43.0	9.1	90	0.1	44.7	11.8	447	3.19	6.9	1.1	5.0	5.8	18	0.2	0.3	0.1	64	0.20	0.035
1041553	Soil	1.7	36.9	9.0	43	0.3	26.6	8.6	133	3.66	8.3	0.5	4.1	2.0	11	0.2	0.4	0.2	82	0.12	0.041
1041569	Soil	0.7	49.8	8.2	92	<0.1	179.1	20.5	420	3.78	10.5	0.8	<0.5	4.3	35	<0.1	0.1	0.1	117	0.42	0.058
1041565	Soil	1.0	39.4	10.9	84	<0.1	58.5	15.8	505	3.81	5.4	1.2	2.6	7.9	35	<0.1	0.2	0.2	76	0.25	0.044
1041567	Soil	1.1	34.4	8.1	80	<0.1	74.9	13.7	541	3.26	6.6	0.9	1.2	4.8	51	0.1	0.2	0.1	80	0.34	0.043
1041580	Soil	1.4	58.1	7.4	78	1.0	9.6	3.6	445	3.02	1.4	1.0	2.1	3.2	18	0.1	0.2	0.2	42	0.06	0.045



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: July 19, 2011

Page: 4 of 6 Part 2

CERTIFICATE OF ANALYSIS

WHI11000398.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1041528	Soil	9	50	1.16	423	0.224	2	4.04	0.015	0.64	<0.1	0.02	5.2	1.4	<0.05	9	0.5
1041526	Soil	11	53	0.90	298	0.164	2	3.19	0.011	0.31	0.2	0.02	4.2	0.4	<0.05	8	1.3
1041524	Soil	13	50	1.16	297	0.283	1	3.06	0.012	1.02	<0.1	<0.01	3.7	0.7	<0.05	8	0.7
1041523	Soil	15	116	1.94	791	0.322	<1	4.25	0.016	1.03	<0.1	0.01	9.0	1.2	<0.05	13	0.5
1041525	Soil	10	79	1.22	395	0.232	<1	3.63	0.014	0.87	<0.1	0.02	4.8	0.7	<0.05	9	1.4
1041559	Soil	16	42	0.81	225	0.166	2	2.60	0.010	0.28	0.1	0.04	3.6	0.2	<0.05	7	1.0
1041558	Soil	14	35	0.52	160	0.083	1	1.97	0.009	0.12	0.1	0.04	3.0	0.2	<0.05	6	0.9
1041561	Soil	18	42	0.68	219	0.112	2	2.03	0.010	0.18	0.1	0.03	3.1	0.2	<0.05	6	<0.5
1041562	Soil	15	42	0.71	224	0.107	2	2.06	0.011	0.14	0.2	0.03	3.2	0.2	<0.05	6	<0.5
1041557	Soil	14	43	0.71	208	0.099	2	2.56	0.010	0.32	0.1	0.04	3.4	0.2	<0.05	7	1.6
1041560	Soil	18	46	0.73	184	0.112	1	1.89	0.010	0.20	0.2	0.05	3.2	0.2	<0.05	6	<0.5
1041556	Soil	9	36	0.56	127	0.103	1	1.87	0.007	0.15	0.2	0.05	2.7	0.1	<0.05	6	<0.5
1041555	Soil	11	37	0.68	210	0.088	2	2.05	0.009	0.26	0.1	0.06	3.5	0.2	<0.05	5	<0.5
1041551	Soil	13	38	0.59	154	0.100	2	1.77	0.006	0.25	0.2	0.03	2.5	0.2	<0.05	7	<0.5
1041554	Soil	14	35	0.62	180	0.085	2	1.86	0.010	0.20	0.1	0.04	3.4	0.2	<0.05	5	0.9
1041566	Soil	28	110	1.42	388	0.163	1	2.77	0.018	0.45	0.1	0.04	5.3	0.3	<0.05	8	0.7
1041572	Soil	17	71	1.09	825	0.122	1	2.26	0.010	0.22	<0.1	0.03	5.9	0.3	<0.05	7	0.6
1041573	Soil	16	89	1.31	1025	0.140	1	2.29	0.012	0.32	<0.1	0.02	6.6	0.3	<0.05	7	<0.5
1041571	Soil	12	42	0.78	477	0.105	2	1.81	0.008	0.22	0.1	0.04	3.2	0.1	<0.05	7	0.6
1041552	Soil	12	220	2.34	845	0.231	2	3.97	0.020	1.49	0.1	0.02	9.5	0.5	<0.05	13	0.7
1041582	Soil	5	46	1.34	571	0.157	<1	2.08	0.019	1.02	<0.1	0.02	3.3	0.5	0.21	7	1.9
1041563	Soil	15	61	0.84	271	0.129	2	2.39	0.008	0.29	0.1	0.03	4.0	0.2	<0.05	8	0.9
1041570	Soil	13	69	1.14	562	0.139	3	2.69	0.011	0.26	0.1	0.02	4.7	0.2	<0.05	8	<0.5
1041568	Soil	23	107	1.51	594	0.141	2	2.64	0.013	0.37	0.1	0.02	6.1	0.2	<0.05	8	0.8
1041574	Soil	19	49	0.80	638	0.109	2	2.08	0.010	0.23	0.1	0.04	4.2	0.2	<0.05	6	0.7
1041553	Soil	8	35	0.49	169	0.093	2	1.86	0.006	0.19	0.2	0.05	2.4	0.2	<0.05	7	0.9
1041569	Soil	15	223	2.43	855	0.163	1	3.02	0.022	0.58	<0.1	0.01	7.2	0.3	<0.05	11	0.8
1041565	Soil	23	79	1.19	300	0.186	2	3.09	0.013	0.64	0.2	0.03	5.4	0.4	<0.05	9	1.0
1041567	Soil	17	98	1.56	912	0.181	1	2.88	0.019	0.63	0.1	0.03	5.9	0.3	<0.05	9	<0.5
1041580	Soil	14	16	1.28	962	0.132	1	2.04	0.020	0.85	<0.1	0.03	3.8	0.4	0.24	7	2.7



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: July 19, 2011

Page: 5 of 6 Part 1

CERTIFICATE OF ANALYSIS

WHI11000398.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1041577	Soil	1.0	40.9	9.1	90	0.2	35.5	11.7	540	3.55	8.1	1.1	4.4	5.0	33	<0.1	0.6	0.3	73	0.29	0.046
1042909	Soil	1.7	79.9	7.3	93	0.8	46.5	11.0	394	3.07	5.8	1.9	5.5	3.9	33	0.2	0.5	0.2	96	0.29	0.108
1042911	Soil	3.3	62.7	4.6	93	0.5	5.9	1.7	143	2.39	<0.5	1.5	2.4	1.6	19	0.2	0.2	0.2	50	0.10	0.034
1042907	Soil	6.6	83.9	7.2	106	1.8	19.9	5.0	188	2.94	4.3	2.2	2.6	2.3	34	0.9	0.8	0.2	124	0.15	0.120
1042908	Soil	1.7	75.6	7.0	89	0.6	45.3	10.3	396	2.95	5.3	1.7	4.4	3.7	30	0.2	0.5	0.2	93	0.28	0.100
1041564	Soil	0.7	27.1	8.2	69	<0.1	34.6	11.2	323	3.04	6.9	0.7	4.6	4.2	18	0.2	0.4	0.2	57	0.20	0.045
1041576	Soil	0.8	25.2	10.4	73	<0.1	28.9	12.1	572	3.52	3.7	0.9	1.3	8.0	13	<0.1	0.3	0.2	57	0.14	0.036
1041586	Soil	1.3	47.7	6.3	73	0.6	14.0	5.5	217	3.69	0.8	1.1	2.9	1.7	23	0.1	0.2	0.3	60	0.14	0.065
1041578	Soil	1.2	51.4	6.5	75	0.2	25.2	9.0	214	3.63	2.2	0.6	<0.5	2.3	9	0.3	0.2	0.2	60	0.05	0.033
1041579	Soil	3.8	57.3	8.4	69	0.5	22.9	6.2	276	2.59	6.5	1.7	2.4	4.6	29	0.3	0.4	0.2	159	0.11	0.036
1041583	Soil	1.6	48.7	7.6	101	0.1	26.5	8.8	321	3.21	6.8	1.4	3.2	3.1	21	0.4	0.4	0.2	89	0.13	0.038
1041575	Soil	0.8	26.6	10.1	69	<0.1	35.3	10.0	394	3.24	6.0	1.0	1.4	6.4	17	0.1	0.3	0.2	61	0.15	0.029
1041584	Soil	2.6	67.1	3.8	185	0.6	44.6	24.5	394	6.23	1.0	10.2	15.6	0.8	34	0.4	<0.1	<0.1	190	0.90	0.391
1041581	Soil	1.7	37.6	10.1	66	0.8	15.4	5.8	275	3.02	6.4	1.1	1.5	3.9	25	0.3	0.5	0.2	56	0.09	0.044
1041585	Soil	3.0	54.1	4.0	190	0.7	37.5	20.9	428	6.10	0.9	10.4	413.4	1.0	34	0.6	0.1	<0.1	184	0.74	0.342
1042913	Soil	5.6	82.2	7.4	197	0.5	38.8	5.9	285	2.52	4.5	5.0	3.0	3.6	35	1.0	0.7	0.2	214	0.17	0.042
1042914	Soil	0.5	49.9	8.3	73	<0.1	19.1	9.1	631	3.59	3.1	0.6	0.7	4.0	10	<0.1	0.2	0.2	73	0.11	0.033
1042915	Soil	0.3	63.1	3.6	102	<0.1	103.2	21.4	502	2.89	0.8	0.6	0.9	1.6	67	0.2	0.1	0.2	85	0.39	0.066
1042916	Soil	2.1	54.8	7.9	258	0.2	66.4	18.2	601	5.29	4.2	1.5	0.6	5.1	33	0.8	0.2	0.2	174	0.31	0.051
1042917	Soil	3.0	103.3	11.5	204	0.4	61.2	10.7	510	4.36	4.2	5.0	4.4	6.3	33	1.5	0.1	0.2	236	0.17	0.058
1036290	Soil	5.4	38.3	12.7	54	1.2	7.7	3.4	466	2.63	2.5	1.1	0.9	2.3	26	0.7	0.5	0.3	46	0.05	0.064
1036291	Soil	3.4	58.9	7.2	55	1.1	12.0	4.3	255	2.38	4.6	2.2	1.8	3.2	31	0.6	0.4	0.1	50	0.15	0.059
1036292	Soil	5.6	49.7	8.1	84	0.9	16.3	4.4	227	2.89	4.2	2.0	2.6	2.7	19	0.5	0.4	0.2	85	0.12	0.068
1042910	Soil	3.3	54.5	4.3	78	0.5	5.0	1.3	132	2.15	<0.5	1.4	1.3	2.0	19	0.2	0.2	0.2	42	0.09	0.028
1042912	Soil	2.8	43.7	6.0	134	0.3	37.0	9.5	212	2.48	3.2	1.2	2.8	2.5	11	0.4	0.5	0.2	63	0.04	0.027
1036297	Soil	2.2	41.4	9.0	97	0.3	51.9	10.4	258	3.23	8.7	1.6	5.4	3.4	24	0.2	0.4	0.2	106	0.19	0.050
1036293	Soil	2.8	48.8	6.4	64	0.7	16.4	5.5	204	3.28	3.8	1.0	2.7	2.9	19	0.3	0.4	0.2	70	0.13	0.055
1036287	Soil	1.3	42.4	4.7	54	1.2	6.0	1.9	200	2.75	1.7	1.6	<0.5	2.1	21	0.2	0.3	0.3	41	0.09	0.060
1036288	Soil	14.6	28.3	15.3	51	1.3	17.1	7.2	339	2.72	8.6	1.8	2.5	4.3	27	0.5	0.6	0.3	79	0.09	0.049
1036289	Soil	1.4	94.3	5.4	108	0.2	28.0	7.6	187	3.48	0.5	1.8	6.8	2.2	16	1.3	0.2	0.2	80	0.16	0.051



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: July 19, 2011

Page: 5 of 6 Part 2

CERTIFICATE OF ANALYSIS

WHI11000398.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1041577	Soil	20	48	0.98	1813	0.152	2	2.32	0.014	0.33	0.2	0.05	6.1	0.2	0.05	8	1.0	<0.2
1042909	Soil	19	55	0.83	595	0.109	<1	1.96	0.010	0.26	0.1	0.04	5.0	0.2	0.08	7	1.0	<0.2
1042911	Soil	5	40	1.11	500	0.134	1	1.51	0.018	0.89	<0.1	<0.01	2.4	0.5	0.30	6	2.5	<0.2
1042907	Soil	17	36	0.47	483	0.057	<1	1.13	0.013	0.23	0.3	0.02	1.8	0.3	0.30	4	3.2	0.2
1042908	Soil	18	54	0.78	586	0.107	<1	1.79	0.009	0.27	0.2	0.04	4.8	0.2	<0.05	6	1.1	<0.2
1041564	Soil	13	47	0.80	218	0.121	<1	2.17	0.010	0.34	0.2	0.03	3.5	0.3	<0.05	6	0.5	<0.2
1041576	Soil	25	46	0.84	324	0.194	1	2.68	0.010	0.66	0.2	0.02	4.7	0.4	<0.05	9	<0.5	<0.2
1041586	Soil	7	44	1.18	490	0.139	<1	2.10	0.030	1.03	<0.1	0.02	3.6	0.6	0.42	7	1.9	<0.2
1041578	Soil	8	53	1.21	512	0.214	<1	2.91	0.020	0.87	<0.1	<0.01	3.8	0.5	0.10	8	0.5	<0.2
1041579	Soil	13	47	1.09	306	0.102	1	2.37	0.017	0.29	<0.1	0.02	2.9	0.3	0.12	7	2.1	<0.2
1041583	Soil	10	52	0.92	380	0.131	1	2.02	0.012	0.45	0.1	0.02	3.6	0.2	0.05	7	1.0	<0.2
1041575	Soil	18	50	0.88	393	0.172	1	2.38	0.011	0.43	0.1	0.02	4.3	0.3	<0.05	8	0.6	<0.2
1041584	Soil	6	19	2.25	634	0.163	1	3.45	0.037	0.87	<0.1	0.02	5.7	0.2	0.26	20	0.9	<0.2
1041581	Soil	13	30	0.65	424	0.085	1	1.90	0.021	0.25	0.1	0.04	3.2	0.2	0.21	6	1.5	<0.2
1041585	Soil	6	20	2.36	675	0.177	1	3.71	0.036	0.87	<0.1	0.02	6.4	0.2	0.29	19	1.6	<0.2
1042913	Soil	18	53	0.83	589	0.085	<1	1.68	0.021	0.25	0.2	0.03	3.9	0.3	0.07	5	2.7	<0.2
1042914	Soil	9	27	1.09	639	0.200	<1	2.57	0.010	0.82	<0.1	0.01	4.7	0.2	<0.05	9	0.6	0.2
1042915	Soil	13	111	1.05	1201	0.147	<1	2.09	0.013	0.60	<0.1	<0.01	5.5	0.2	<0.05	8	<0.5	<0.2
1042916	Soil	19	81	1.37	561	0.384	<1	4.30	0.035	1.27	<0.1	<0.01	6.5	0.5	<0.05	9	0.9	<0.2
1042917	Soil	30	111	1.45	613	0.303	<1	3.75	0.014	0.75	<0.1	0.02	9.2	0.5	0.12	11	2.0	<0.2
1036290	Soil	13	25	1.09	357	0.066	1	1.60	0.018	0.58	<0.1	0.01	1.3	0.5	0.34	5	6.9	<0.2
1036291	Soil	14	31	0.88	332	0.063	<1	1.50	0.024	0.35	0.1	0.01	2.0	0.5	0.28	4	7.5	<0.2
1036292	Soil	12	42	0.95	577	0.078	<1	1.68	0.013	0.39	0.1	0.01	2.9	0.4	0.21	5	3.0	0.2
1042910	Soil	6	32	0.99	541	0.116	<1	1.36	0.015	0.75	<0.1	<0.01	2.0	0.4	0.22	5	1.7	<0.2
1042912	Soil	8	26	0.47	218	0.050	<1	1.30	0.007	0.15	<0.1	<0.01	1.8	0.2	0.07	4	1.5	<0.2
1036297	Soil	12	80	0.98	335	0.111	2	2.46	0.014	0.12	0.1	0.03	4.0	0.2	<0.05	7	1.6	<0.2
1036293	Soil	9	40	0.95	305	0.125	<1	1.97	0.014	0.46	0.1	<0.01	2.9	0.3	0.11	6	1.4	<0.2
1036287	Soil	9	28	0.97	265	0.062	<1	1.32	0.021	0.36	<0.1	<0.01	2.6	0.4	0.31	4	4.5	0.4
1036288	Soil	11	38	0.64	267	0.065	<1	1.94	0.019	0.15	0.5	0.04	3.6	0.3	0.13	6	3.2	<0.2
1036289	Soil	9	57	1.37	691	0.215	<1	2.62	0.027	1.08	<0.1	<0.01	5.4	0.5	0.08	8	1.7	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: July 19, 2011

Page: 6 of 6 **Part** 1

CERTIFICATE OF ANALYSIS

WHI11000398.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1042918	Soil	2.1	78.2	8.0	68	0.3	32.1	5.4	305	2.58	9.8	1.0	<0.5	5.5	15	0.2	0.4	0.2	66	0.06	0.029
1036298	Soil	3.3	66.9	4.8	144	0.4	35.8	8.1	565	3.28	1.8	1.8	1.2	3.7	41	0.7	0.2	0.2	123	0.26	0.055
1036299	Soil	1.2	42.9	8.1	74	0.3	29.1	10.4	422	2.75	9.8	1.5	3.6	3.8	33	0.2	0.7	0.2	68	0.32	0.072
1036300	Soil	3.0	62.8	6.8	86	0.6	14.2	2.6	186	2.05	2.0	1.8	0.8	1.8	29	0.4	0.3	0.2	36	0.07	0.065
1036294	Soil	5.7	98.2	8.9	136	0.9	66.7	9.1	295	3.25	6.5	5.1	3.2	3.3	35	0.7	0.3	0.3	148	0.19	0.081
1036296	Soil	3.5	62.1	8.5	104	0.4	81.6	10.4	240	3.03	5.5	2.1	4.4	3.5	23	0.2	0.3	0.2	82	0.13	0.058
1036286	Soil	31.7	130.5	10.8	120	2.2	15.0	3.7	190	3.39	5.6	14.4	6.8	4.8	46	0.8	0.9	0.5	162	0.15	0.130
1042922	Soil	2.0	65.9	3.7	93	0.2	8.6	2.9	235	2.19	<0.5	2.5	1.5	2.0	11	0.3	<0.1	<0.1	36	0.07	0.024
1036428	Soil	7.9	68.8	7.2	54	1.0	15.6	4.0	212	2.06	4.6	4.5	6.9	3.7	24	0.6	0.4	0.2	200	0.12	0.061
1042921	Soil	1.5	61.4	4.5	104	0.2	17.1	6.3	258	2.71	<0.5	1.3	<0.5	2.4	15	0.6	0.2	0.1	46	0.10	0.038
1042920	Soil	0.6	26.6	6.8	59	<0.1	108.7	22.8	330	2.61	22.9	0.3	4.4	1.8	24	0.1	0.5	0.1	80	0.39	0.013
1042919	Soil	0.9	88.7	5.8	66	0.1	39.3	12.2	252	3.28	6.8	1.0	6.0	3.1	22	0.2	0.4	0.2	81	0.27	0.038
1036295	Soil	3.7	66.0	7.0	97	0.3	231.3	20.6	437	3.73	27.0	1.4	2.1	2.7	29	0.3	0.2	0.1	91	0.16	0.079



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: July 19, 2011

Page: 6 of 6 **Part** 2

CERTIFICATE OF ANALYSIS

WHI11000398.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1042918	Soil	21	50	0.95	180	0.056	<1	1.64	0.008	0.12	<0.1	<0.01	4.1	0.1	0.18	7	1.8	<0.2
1036298	Soil	11	94	1.74	863	0.222	<1	2.44	0.024	1.20	<0.1	<0.01	4.7	0.4	0.28	8	1.5	<0.2
1036299	Soil	16	42	0.65	678	0.087	2	1.68	0.014	0.08	0.1	0.04	4.8	0.1	0.06	5	1.0	<0.2
1036300	Soil	16	16	0.40	289	0.030	<1	0.91	0.005	0.19	0.1	<0.01	0.9	0.2	0.25	3	2.0	<0.2
1036294	Soil	17	119	1.13	527	0.103	<1	2.18	0.014	0.26	0.2	0.04	4.3	0.3	0.16	7	3.4	<0.2
1036296	Soil	18	93	1.08	273	0.100	<1	1.99	0.011	0.17	0.1	0.04	3.0	0.2	0.13	7	1.3	<0.2
1036286	Soil	32	49	0.75	425	0.057	1	1.57	0.014	0.19	0.6	0.04	3.0	0.3	0.26	6	12.6	0.4
1042922	Soil	6	27	1.06	228	0.127	<1	1.70	0.013	0.77	<0.1	<0.01	1.9	0.4	0.09	5	0.7	<0.2
1036428	Soil	18	55	0.69	369	0.062	<1	1.58	0.010	0.13	0.4	0.03	3.6	0.3	0.12	5	3.7	<0.2
1042921	Soil	7	41	1.17	232	0.117	<1	1.90	0.014	0.72	<0.1	<0.01	3.1	0.4	0.14	6	<0.5	<0.2
1042920	Soil	5	139	1.48	139	0.048	<1	2.84	0.021	0.06	<0.1	<0.01	5.0	0.1	<0.05	6	<0.5	<0.2
1042919	Soil	11	45	0.67	291	0.119	<1	1.75	0.020	0.09	<0.1	0.02	5.5	<0.1	<0.05	5	0.7	<0.2
1036295	Soil	14	212	2.06	388	0.129	<1	2.46	0.012	0.37	<0.1	0.04	2.9	0.2	0.20	7	1.6	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 19, 2011

Page:

1 of 2

Part 1

QUALITY CONTROL REPORT

WHI11000398.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
Pulp Duplicates		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1041616	Soil	0.8	42.3	7.0	55	<0.1	41.3	16.0	295	3.13	5.7	0.4	1.5	2.8	15	0.1	0.3	0.1	86	0.18
REP 1041616	QC	0.7	41.4	7.0	56	<0.1	42.2	16.1	298	3.19	6.0	0.4	1.4	2.9	15	<0.1	0.4	0.1	86	0.20
1041506	Soil	0.7	32.6	8.7	75	0.1	35.0	9.4	252	2.72	6.4	1.2	1.8	5.8	28	0.1	0.5	0.2	58	0.30
REP 1041506	QC	0.8	34.2	8.8	78	0.1	36.4	9.4	262	2.80	6.9	1.2	2.1	5.9	29	0.1	0.5	0.2	61	0.32
1041507	Soil	1.0	38.5	9.8	70	0.1	34.4	10.3	405	2.91	9.8	<0.1	3.8	4.0	31	0.2	0.7	0.2	63	0.40
REP 1041507	QC	0.9	39.2	9.9	73	0.2	33.5	10.4	404	2.97	10.8	<0.1	2.4	4.4	31	0.2	0.7	0.2	62	0.39
1041530	Soil	0.4	38.5	5.2	86	0.1	36.0	26.8	450	5.17	2.2	0.2	<0.5	7.4	22	<0.1	<0.1	0.1	199	0.45
REP 1041530	QC	0.4	37.9	5.6	84	0.1	35.4	25.9	446	5.18	2.0	1.1	0.6	8.1	22	<0.1	0.1	0.1	199	0.44
1041554	Soil	1.1	45.8	8.2	61	0.1	28.8	11.0	213	2.84	7.6	1.1	2.8	3.4	14	<0.1	0.4	0.2	63	0.21
REP 1041554	QC	1.0	46.5	8.0	60	0.1	29.0	11.0	197	2.83	7.5	1.0	5.7	3.4	14	<0.1	0.4	0.2	63	0.21
1041577	Soil	1.0	40.9	9.1	90	0.2	35.5	11.7	540	3.55	8.1	1.1	4.4	5.0	33	<0.1	0.6	0.3	73	0.29
REP 1041577	QC	1.0	42.6	9.4	92	0.1	38.1	12.8	545	3.75	8.4	1.1	5.0	5.2	33	<0.1	0.5	0.3	78	0.31
1036287	Soil	1.3	42.4	4.7	54	1.2	6.0	1.9	200	2.75	1.7	1.6	<0.5	2.1	21	0.2	0.3	0.3	41	0.09
REP 1036287	QC	1.4	41.9	4.8	54	1.2	6.0	1.9	200	2.86	1.9	1.7	1.3	2.2	21	0.3	0.3	0.3	42	0.08
1036428	Soil	7.9	68.8	7.2	54	1.0	15.6	4.0	212	2.06	4.6	4.5	6.9	3.7	24	0.6	0.4	0.2	200	0.12
REP 1036428	QC	8.4	68.5	7.2	53	1.0	14.7	4.1	207	2.13	4.2	4.7	3.2	3.8	24	0.7	0.4	0.2	205	0.11
Reference Materials																				
STD DS8	Standard	13.3	111.8	121.4	303	1.7	38.0	7.7	615	2.38	26.8	2.6	107.1	6.6	59	2.2	5.1	5.6	42	0.67
STD DS8	Standard	13.3	122.1	126.3	338	1.8	41.2	8.0	636	2.50	27.9	2.7	102.1	6.8	62	2.4	4.7	6.0	43	0.70
STD DS8	Standard	15.2	124.0	143.6	341	1.9	44.7	8.5	665	2.66	29.4	3.3	115.1	7.8	78	2.6	6.7	7.8	46	0.71
STD DS8	Standard	14.0	116.0	142.0	327	1.8	40.5	8.3	639	2.59	28.5	3.0	109.6	7.5	70	2.4	6.2	7.6	46	0.70
STD DS8	Standard	13.4	127.8	136.0	348	1.8	42.2	8.5	678	2.69	30.9	2.5	109.4	7.2	67	2.6	6.3	7.1	47	0.69
STD DS8	Standard	13.9	111.2	126.6	319	1.7	38.3	7.6	630	2.49	26.8	2.7	109.5	7.2	68	2.2	5.6	6.4	43	0.70
STD DS8	Standard	13.8	111.3	125.8	309	1.8	40.1	7.5	631	2.58	26.6	2.8	129.9	6.9	63	2.4	5.8	6.1	43	0.69
STD DS8	Standard	14.0	110.2	128.1	313	1.8	38.3	7.5	624	2.57	26.5	2.8	104.6	7.2	63	2.3	5.2	6.0	43	0.69
STD DS8	Standard	12.1	108.0	116.3	308	1.7	35.1	7.0	631	2.44	27.5	2.4	106.6	6.2	69	2.4	5.8	6.4	42	0.70
STD DS8	Standard	14.4	119.5	134.8	342	1.8	40.5	8.3	703	2.75	32.1	3.1	109.1	7.4	84	2.9	6.8	7.5	47	0.79
STD DS8	Standard	13.4	109.6	124.2	314	1.8	39.5	7.6	610	2.40	26.5	2.8	109.0	7.3	66	2.1	5.4	6.2	42	0.69



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 19, 2011

Page:

1 of 2

Part 2

QUALITY CONTROL REPORT

WHI11000398.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1041616	Soil	9	77	1.28	260	0.213	<1	2.39	0.013	0.24	0.2	0.01	3.6	0.1	<0.05	7	<0.5	<0.2
REP 1041616	QC	10	78	1.26	270	0.222	<1	2.36	0.013	0.24	0.1	0.02	3.9	<0.1	<0.05	7	0.7	<0.2
1041506	Soil	22	45	0.74	301	0.133	<1	1.83	0.012	0.26	0.2	0.03	4.1	0.2	<0.05	5	0.5	<0.2
REP 1041506	QC	23	47	0.76	304	0.140	<1	1.88	0.013	0.26	0.1	0.03	4.3	0.2	<0.05	6	0.5	<0.2
1041507	Soil	16	39	0.65	415	0.104	2	1.82	0.016	0.11	0.2	0.02	4.6	0.1	<0.05	5	<0.5	<0.2
REP 1041507	QC	15	40	0.65	407	0.100	1	1.75	0.016	0.11	0.1	0.04	4.4	0.1	<0.05	5	0.5	<0.2
1041530	Soil	19	65	1.79	847	0.306	<1	3.63	0.016	0.61	<0.1	0.01	11.1	0.6	<0.05	12	1.1	<0.2
REP 1041530	QC	19	65	1.79	844	0.303	<1	3.56	0.016	0.60	<0.1	0.01	10.9	0.6	<0.05	12	0.7	<0.2
1041554	Soil	14	35	0.62	180	0.085	2	1.86	0.010	0.20	0.1	0.04	3.4	0.2	<0.05	5	0.9	<0.2
REP 1041554	QC	14	35	0.60	181	0.086	2	1.80	0.009	0.20	0.2	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1041577	Soil	20	48	0.98	1813	0.152	2	2.32	0.014	0.33	0.2	0.05	6.1	0.2	0.05	8	1.0	<0.2
REP 1041577	QC	21	50	1.00	1817	0.160	<1	2.45	0.014	0.33	0.2	0.06	6.4	0.2	<0.05	8	1.1	<0.2
1036287	Soil	9	28	0.97	265	0.062	<1	1.32	0.021	0.36	<0.1	<0.01	2.6	0.4	0.31	4	4.5	0.4
REP 1036287	QC	10	29	1.03	268	0.062	<1	1.35	0.022	0.36	<0.1	<0.01	2.7	0.4	0.32	4	5.4	0.4
1036428	Soil	18	55	0.69	369	0.062	<1	1.58	0.010	0.13	0.4	0.03	3.6	0.3	0.12	5	3.7	<0.2
REP 1036428	QC	19	55	0.70	386	0.061	<1	1.54	0.010	0.14	0.4	0.02	3.5	0.3	0.10	5	4.2	<0.2
Reference Materials																		
STD DS8	Standard	14	114	0.62	275	0.100	3	0.96	0.108	0.43	3.0	0.21	2.5	5.2	0.17	4	5.2	4.6
STD DS8	Standard	15	117	0.62	296	0.101	3	0.97	0.115	0.46	3.1	0.18	2.5	5.3	0.13	5	4.7	5.3
STD DS8	Standard	15	130	0.66	309	0.131	3	1.00	0.100	0.47	3.1	0.24	2.8	5.5	0.14	5	6.0	5.3
STD DS8	Standard	14	128	0.63	292	0.126	2	0.93	0.089	0.44	3.3	0.23	2.2	5.5	0.16	5	5.0	5.1
STD DS8	Standard	14	129	0.63	304	0.127	3	0.96	0.093	0.43	3.0	0.21	2.2	5.7	0.20	5	5.6	5.1
STD DS8	Standard	15	117	0.62	289	0.125	2	0.95	0.095	0.43	2.9	0.19	2.0	5.4	0.16	5	5.2	4.5
STD DS8	Standard	15	122	0.61	277	0.121	3	0.94	0.086	0.40	3.2	0.17	2.1	5.3	0.17	5	5.5	4.9
STD DS8	Standard	15	118	0.60	271	0.119	2	0.94	0.084	0.41	3.0	0.18	2.0	5.2	0.13	5	5.0	5.5
STD DS8	Standard	14	114	0.56	290	0.116	2	0.91	0.090	0.43	2.9	0.18	1.9	5.0	0.17	5	4.7	4.5
STD DS8	Standard	17	132	0.69	348	0.136	4	1.08	0.114	0.48	3.0	0.20	2.3	5.3	0.22	5	4.6	5.4
STD DS8	Standard	15	116	0.61	280	0.111	3	0.92	0.088	0.40	3.1	0.19	2.0	5.1	0.14	5	4.7	4.5



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 19, 2011

Page:

2 of 2

Part 1

QUALITY CONTROL REPORT

WHI11000398.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
STD DS8	Standard	13.4	113.3	125.6	313	1.8	40.5	7.9	622	2.53	27.4	2.8	118.1	7.2	65	2.2	5.4	6.1	44	0.71	0.083
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 19, 2011

Page:

2 of 2

Part 2

QUALITY CONTROL REPORT

WHI11000398.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	16	121	0.64	287	0.116	3	0.94	0.093	0.43	2.9	0.21	2.1	5.4	0.13	5	5.0	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: June 29, 2011
Report Date: July 28, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS

WHI11000399.1

CLIENT JOB INFORMATION

Project: GEM
Shipment ID:
P.O. Number
Number of Samples: 134

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	134	Dry at 60C			VAN
SS80	134	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	134	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 28, 2011

Page:

2 of 6

Part 1

CERTIFICATE OF ANALYSIS

WHI11000399.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
1053322	Soil	1.1	16.0	6.8	43	<0.1	15.1	6.0	153	2.17	7.2	0.7	3.9	2.9	24	0.1	0.4	0.4	52	0.34	0.035
1053324	Soil	0.8	17.0	6.2	44	0.1	14.7	6.2	177	2.03	4.5	0.7	8.2	3.1	23	<0.1	0.4	0.2	43	0.30	0.042
1053323	Soil	0.9	21.5	5.6	53	<0.1	14.9	6.5	215	2.17	5.0	0.7	2.0	3.2	22	0.1	0.3	0.2	43	0.27	0.045
1053312	Soil	1.0	27.3	7.5	53	0.1	21.3	9.5	341	2.35	5.9	1.1	5.3	3.4	31	0.2	0.5	0.2	51	0.55	0.050
1053320	Soil	0.9	20.6	4.3	42	<0.1	13.9	6.4	157	1.99	4.1	0.8	2.0	2.9	21	<0.1	0.3	0.2	38	0.24	0.036
1053333	Soil	1.0	62.8	10.9	116	<0.1	56.6	18.5	261	4.28	1.4	1.3	4.3	4.5	58	0.2	0.2	0.3	125	0.34	0.084
1053327	Soil	0.7	19.7	5.1	48	0.2	15.6	5.4	121	2.01	2.8	0.6	5.8	2.9	35	<0.1	0.3	0.2	40	0.33	0.042
1053331	Soil	1.0	41.5	7.0	73	0.1	40.4	8.5	217	2.59	6.3	0.8	5.6	3.1	34	0.2	0.4	0.3	62	0.25	0.042
1053301	Soil	1.0	22.3	5.2	56	<0.1	21.0	6.8	254	2.01	3.3	0.9	3.2	3.2	32	0.2	0.2	0.1	44	0.54	0.051
1053330	Soil	1.3	71.8	6.6	134	0.2	83.2	13.3	219	3.71	12.7	1.3	6.7	2.6	37	0.2	0.5	0.2	83	0.26	0.057
1053325	Soil	0.8	28.4	6.1	57	0.1	18.3	6.9	223	2.43	5.1	0.8	3.4	3.7	30	<0.1	0.4	0.2	44	0.35	0.046
1053329	Soil	2.4	23.3	7.1	65	0.4	23.9	7.2	146	2.56	4.3	0.5	3.3	2.0	31	0.2	0.4	0.2	78	0.21	0.034
1053326	Soil	0.9	30.8	6.5	59	0.1	20.5	6.2	256	2.53	0.5	0.8	1.7	3.4	43	<0.1	0.1	0.1	35	0.58	0.047
1053328	Soil	1.6	36.6	6.3	70	0.2	36.4	7.4	158	2.56	2.9	1.5	6.7	2.8	30	0.1	0.2	0.3	55	0.22	0.024
1053332	Soil	1.0	56.8	12.8	120	<0.1	57.4	18.6	278	4.34	1.7	1.3	3.5	5.1	70	0.2	0.2	0.4	139	0.35	0.067
1053311	Soil	1.1	31.4	6.8	63	0.1	27.3	8.4	270	2.48	4.4	1.1	7.5	4.5	27	0.2	0.3	0.2	54	0.37	0.049
1053307	Soil	1.0	27.5	5.8	62	0.1	24.8	8.5	351	2.10	3.4	1.1	8.6	3.2	24	0.3	0.3	0.2	44	0.57	0.049
1053308	Soil	0.9	27.9	6.2	71	<0.1	28.0	7.9	259	1.93	3.1	1.3	3.9	2.7	29	0.4	0.2	0.2	42	0.62	0.041
1053306	Soil	1.2	31.0	6.4	53	0.1	23.5	9.0	365	2.03	4.8	1.2	3.7	2.3	32	0.3	0.3	0.2	43	0.91	0.047
1053305	Soil	1.1	32.4	7.4	59	0.1	24.7	8.8	340	2.39	5.9	1.1	6.1	3.1	27	0.1	0.4	0.2	51	0.71	0.051
1053309	Soil	0.6	16.6	4.8	44	0.1	18.5	7.7	347	1.67	2.7	0.7	2.5	2.6	21	0.3	0.2	0.3	32	0.52	0.034
1053314	Soil	0.5	32.0	5.2	41	0.2	15.3	5.2	167	2.32	1.3	0.7	1.3	4.2	37	0.1	<0.1	0.2	46	0.30	0.042
1053313	Soil	1.0	30.6	4.8	64	0.1	19.0	6.0	235	2.42	3.3	0.8	1.6	3.2	23	0.1	0.3	0.2	51	0.38	0.053
1053315	Soil	1.0	11.8	5.0	36	<0.1	10.6	5.7	225	1.67	5.0	0.5	3.0	2.6	18	0.1	0.3	0.1	39	0.29	0.041
1053310	Soil	1.1	31.2	6.8	64	0.1	26.0	9.3	360	2.52	5.0	1.5	4.2	4.1	26	0.2	0.4	0.2	51	0.42	0.054
1053318	Soil	1.0	25.0	4.6	48	<0.1	15.3	6.1	178	2.15	3.7	0.9	2.3	2.9	27	<0.1	0.2	0.2	41	0.30	0.039
1053316	Soil	1.0	16.4	5.1	45	<0.1	14.2	5.9	183	1.93	5.0	0.7	3.4	2.8	19	<0.1	0.3	0.1	41	0.28	0.038
1053319	Soil	1.1	23.0	5.3	46	0.1	15.4	6.1	208	2.08	4.5	0.8	11.0	3.1	22	<0.1	0.2	0.2	42	0.27	0.037
1053321	Soil	0.9	16.9	6.1	43	<0.1	14.4	6.6	200	2.01	6.1	0.8	8.0	3.1	20	0.1	0.3	0.2	42	0.23	0.044
1053317	Soil	1.1	17.2	5.7	43	0.1	13.0	5.9	226	1.96	5.0	0.8	3.1	2.5	21	<0.1	0.2	0.1	43	0.38	0.037



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 28, 2011

Page:

2 of 6

Part 2

CERTIFICATE OF ANALYSIS

WHI11000399.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1053322	Soil	10	25	0.43	208	0.063	<1	1.30	0.013	0.04	0.2	<0.01	2.3	<0.1	0.08	4	<0.5	<0.2
1053324	Soil	11	23	0.41	240	0.063	<1	1.21	0.012	0.05	0.2	0.02	2.3	<0.1	0.06	4	0.7	<0.2
1053323	Soil	11	22	0.42	229	0.076	<1	1.22	0.012	0.16	0.1	0.02	2.9	<0.1	0.08	4	0.6	<0.2
1053312	Soil	12	28	0.52	296	0.071	<1	1.41	0.014	0.05	0.2	0.02	2.9	<0.1	0.10	4	<0.5	<0.2
1053320	Soil	9	20	0.40	257	0.072	<1	1.14	0.013	0.13	0.1	<0.01	2.7	<0.1	0.10	3	<0.5	<0.2
1053333	Soil	18	62	1.36	1869	0.186	1	2.72	0.022	0.92	<0.1	<0.01	5.8	0.6	0.09	11	1.4	<0.2
1053327	Soil	9	27	0.49	237	0.081	<1	1.45	0.015	0.15	0.1	<0.01	2.7	<0.1	0.06	4	0.7	<0.2
1053331	Soil	10	43	0.88	1480	0.116	<1	1.54	0.018	0.37	<0.1	0.03	3.4	0.4	0.12	5	0.7	<0.2
1053301	Soil	12	23	0.53	323	0.080	<1	1.27	0.016	0.16	0.1	0.01	2.8	0.1	0.16	4	0.7	<0.2
1053330	Soil	8	80	1.05	2188	0.195	<1	2.25	0.021	0.82	0.1	0.04	4.5	0.6	0.15	7	1.4	<0.2
1053325	Soil	11	22	0.50	304	0.093	<1	1.48	0.017	0.21	0.1	0.01	4.1	<0.1	0.12	5	0.7	<0.2
1053329	Soil	6	40	0.58	1128	0.106	1	1.39	0.010	0.39	0.2	<0.01	2.3	0.3	0.16	6	1.0	<0.2
1053326	Soil	10	15	0.62	346	0.102	<1	2.11	0.028	0.30	<0.1	<0.01	5.1	0.1	0.06	5	<0.5	<0.2
1053328	Soil	9	52	0.78	1100	0.108	<1	1.49	0.014	0.47	<0.1	0.01	3.2	0.3	0.16	5	0.5	<0.2
1053332	Soil	20	63	1.45	2161	0.182	<1	2.83	0.021	0.94	<0.1	0.02	7.3	0.7	0.09	11	1.1	<0.2
1053311	Soil	14	32	0.60	318	0.103	<1	1.54	0.013	0.18	0.2	0.02	3.4	0.1	0.11	5	0.7	<0.2
1053307	Soil	14	26	0.49	279	0.073	<1	1.11	0.012	0.13	0.2	0.02	2.5	<0.1	0.10	4	1.2	<0.2
1053308	Soil	12	25	0.48	245	0.073	<1	1.17	0.013	0.05	0.2	0.03	2.4	<0.1	0.17	4	0.6	<0.2
1053306	Soil	12	26	0.43	301	0.064	1	1.18	0.014	0.06	0.1	0.03	2.6	<0.1	0.14	4	<0.5	<0.2
1053305	Soil	14	30	0.57	315	0.078	1	1.37	0.016	0.08	0.2	0.04	3.2	<0.1	0.17	4	0.9	<0.2
1053309	Soil	10	19	0.36	179	0.059	<1	0.83	0.010	0.03	0.2	0.02	1.9	<0.1	0.08	3	<0.5	<0.2
1053314	Soil	11	20	0.67	330	0.095	<1	2.08	0.024	0.57	<0.1	<0.01	3.6	0.2	<0.05	5	<0.5	<0.2
1053313	Soil	11	23	0.58	282	0.104	<1	1.38	0.012	0.41	<0.1	0.02	3.3	0.1	0.06	5	0.6	<0.2
1053315	Soil	9	19	0.32	146	0.050	<1	0.92	0.010	0.04	0.3	<0.01	1.7	<0.1	<0.05	3	0.5	<0.2
1053310	Soil	14	33	0.60	317	0.080	<1	1.38	0.014	0.12	0.2	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1053318	Soil	9	22	0.51	341	0.088	<1	1.36	0.013	0.27	0.1	0.01	3.2	0.1	<0.05	4	<0.5	<0.2
1053316	Soil	9	22	0.45	216	0.070	<1	1.22	0.010	0.09	0.1	<0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
1053319	Soil	10	21	0.45	268	0.076	<1	1.21	0.012	0.16	0.1	<0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
1053321	Soil	9	23	0.43	191	0.066	<1	1.22	0.011	0.10	0.3	0.01	2.2	<0.1	0.05	4	0.8	<0.2
1053317	Soil	9	20	0.44	334	0.059	<1	1.24	0.012	0.07	0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 28, 2011

Page:

3 of 6

Part 1

CERTIFICATE OF ANALYSIS

WHI11000399.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1042948	Soil	4.0	48.4	8.9	78	0.1	24.5	8.7	172	2.91	3.4	0.4	2.9	2.4	9	0.1	0.4	0.3	70	0.06	0.035
1042945	Soil	1.7	27.8	7.6	45	0.5	22.2	7.1	264	2.45	8.6	1.4	3.0	2.9	26	<0.1	0.7	0.2	48	0.16	0.048
1042944	Soil	0.7	60.7	5.8	55	0.2	23.3	6.2	212	2.49	5.3	2.7	1.6	2.8	30	<0.1	0.5	0.2	64	0.20	0.037
1053432	Soil	2.4	52.1	6.2	147	<0.1	54.8	8.0	150	2.81	0.7	1.2	6.4	3.1	19	0.2	0.3	0.2	59	0.23	0.052
1053431	Soil	2.6	72.9	5.6	248	0.1	120.5	14.8	214	3.68	1.1	1.4	10.3	4.7	23	0.4	0.4	0.2	84	0.38	0.092
1053412	Soil	1.1	23.6	10.5	55	<0.1	25.5	11.3	210	3.44	9.4	1.1	1.5	5.8	11	<0.1	0.6	0.4	63	0.11	0.029
1053413	Soil	0.7	53.8	5.7	88	<0.1	60.9	22.4	227	4.41	3.5	1.3	2.7	4.0	21	<0.1	0.2	0.3	64	0.19	0.044
1053411	Soil	1.9	54.3	6.6	108	0.2	38.7	13.9	206	4.33	2.6	1.7	<0.5	3.7	20	<0.1	0.3	0.2	96	0.10	0.044
1053409	Soil	5.5	94.4	8.1	118	1.7	30.4	4.4	369	3.48	4.0	7.3	3.9	4.4	58	0.3	0.6	0.2	318	0.27	0.100
1042946	Soil	3.8	177.1	8.0	322	1.1	95.7	9.0	313	4.98	1.1	2.1	<0.5	1.5	97	1.1	0.1	0.1	61	0.56	0.126
1053304	Soil	1.0	40.6	7.1	61	0.2	30.1	9.2	376	2.49	4.7	1.6	1.9	3.7	28	0.2	0.4	0.2	37	0.74	0.055
1053303	Soil	0.9	32.7	7.7	60	0.2	24.4	9.8	324	2.48	7.1	1.2	1.8	3.2	31	0.3	0.3	0.2	49	0.80	0.059
1053302	Soil	0.5	27.9	1.9	55	<0.1	11.4	4.4	203	2.46	1.2	0.6	<0.5	3.2	7	<0.1	<0.1	<0.1	36	0.24	0.055
1053414	Soil	0.8	30.8	10.2	93	<0.1	39.3	16.1	163	3.66	2.2	0.8	<0.5	6.9	9	<0.1	0.2	0.4	43	0.08	0.021
1053415	Soil	1.9	82.9	2.1	149	1.4	29.8	6.4	561	3.78	1.0	3.0	8.6	3.8	58	0.3	0.2	0.1	123	0.40	0.070
1053421	Soil	1.8	65.6	10.4	76	0.1	66.9	16.7	828	4.20	12.4	0.7	2.0	4.2	15	<0.1	0.5	0.4	71	0.13	0.030
1053422	Soil	3.3	98.8	12.3	98	0.1	43.4	9.2	885	4.29	12.0	1.4	14.9	3.3	21	<0.1	0.5	0.3	149	0.11	0.044
1053408	Soil	1.3	85.4	13.6	117	0.3	38.6	10.7	270	5.00	0.6	2.4	2.7	8.1	16	0.1	0.2	0.2	36	0.18	0.057
1053407	Soil	1.6	40.9	7.3	99	<0.1	19.2	7.1	163	3.34	1.0	1.0	1.5	4.8	14	0.2	0.3	0.1	58	0.09	0.053
1053428	Soil	1.9	60.2	9.7	69	0.5	19.1	5.2	183	4.21	4.9	1.1	0.7	6.3	15	0.1	0.5	0.2	65	0.11	0.059
1053430	Soil	4.5	56.7	8.9	45	1.0	17.1	2.4	156	2.76	2.8	3.5	3.3	4.6	33	0.2	0.7	0.2	95	0.18	0.072
1053401	Soil	6.2	59.2	11.7	99	0.5	58.7	7.2	268	3.44	5.4	3.0	1.4	5.7	20	0.2	0.7	0.2	107	0.18	0.066
1053429	Soil	1.3	61.7	8.3	78	0.1	27.5	9.4	149	4.08	4.3	0.4	<0.5	2.2	15	0.3	0.3	0.2	58	0.07	0.043
1042949	Soil	0.6	36.3	8.0	127	<0.1	45.9	18.3	362	5.20	<0.5	0.9	<0.5	6.5	8	0.2	0.2	<0.1	39	0.06	0.029
1042947	Soil	4.2	190.1	7.3	343	1.0	106.5	9.3	323	5.43	<0.5	2.2	<0.5	1.5	97	1.3	0.1	0.1	119	0.56	0.131
1053404	Soil	5.0	47.2	8.0	40	1.2	6.9	1.0	154	2.22	1.0	1.4	1.1	2.1	17	0.1	0.3	0.1	42	0.12	0.074
1053405	Soil	2.5	48.9	7.5	74	0.3	88.0	11.3	205	2.58	7.7	1.4	<0.5	3.3	19	0.1	0.6	<0.1	61	0.15	0.034
1053406	Soil	2.1	41.7	8.5	83	<0.1	39.8	8.5	497	2.99	7.0	1.0	<0.5	3.4	12	0.3	0.4	0.1	46	0.09	0.023
1053403	Soil	1.4	37.8	12.1	48	1.0	16.7	3.1	242	2.91	2.3	1.2	6.1	5.1	17	<0.1	0.3	0.2	45	0.15	0.045
1053402	Soil	2.5	83.3	12.9	127	<0.1	104.4	22.3	1368	4.38	11.8	1.4	6.4	3.9	20	0.3	0.5	0.2	77	0.15	0.046



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: July 28, 2011

Page: 3 of 6 Part 2

CERTIFICATE OF ANALYSIS

WHI11000399.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1042948	Soil	6	47	0.70	242	0.117	<1	1.83	0.010	0.51	<0.1	<0.01	2.2	0.3	0.07	6	1.0	<0.2
1042945	Soil	11	34	0.52	997	0.043	<1	1.36	0.009	0.07	0.2	0.06	4.0	<0.1	<0.05	4	1.3	<0.2
1042944	Soil	10	90	0.59	939	0.058	<1	1.75	0.009	0.06	<0.1	0.03	6.6	<0.1	0.05	5	<0.5	<0.2
1053432	Soil	10	73	1.15	445	0.095	<1	2.00	0.008	0.48	<0.1	0.01	4.0	0.3	<0.05	7	<0.5	<0.2
1053431	Soil	15	104	1.55	438	0.093	<1	2.71	0.009	0.38	<0.1	0.02	4.7	0.2	<0.05	9	0.6	<0.2
1053412	Soil	18	37	0.49	275	0.096	<1	2.05	0.012	0.18	0.2	0.03	4.3	0.2	<0.05	5	1.0	<0.2
1053413	Soil	18	74	1.14	1049	0.283	<1	2.48	0.012	0.74	<0.1	0.01	5.1	0.4	<0.05	8	1.1	<0.2
1053411	Soil	14	57	0.88	370	0.215	<1	2.44	0.009	0.73	<0.1	<0.01	4.0	0.5	<0.05	7	0.9	<0.2
1053409	Soil	22	134	1.24	362	0.134	<1	2.22	0.016	0.27	0.2	0.03	6.5	0.2	0.24	8	7.8	<0.2
1042946	Soil	6	316	3.70	337	0.155	<1	3.82	0.046	1.15	<0.1	0.02	7.9	0.9	0.69	12	4.8	<0.2
1053304	Soil	18	21	0.40	325	0.081	<1	1.32	0.014	0.18	0.2	0.03	3.1	0.1	<0.05	4	1.6	<0.2
1053303	Soil	15	29	0.46	312	0.075	<1	1.39	0.014	0.07	0.2	0.03	3.1	0.1	<0.05	4	0.5	<0.2
1053302	Soil	9	12	0.69	246	0.144	<1	1.61	0.007	0.68	<0.1	<0.01	5.5	0.2	<0.05	6	<0.5	<0.2
1053414	Soil	14	39	0.87	352	0.218	<1	2.33	0.016	0.77	<0.1	<0.01	3.5	0.6	<0.05	7	<0.5	<0.2
1053415	Soil	14	73	1.99	1091	0.320	<1	2.56	0.025	0.81	0.1	0.05	14.2	0.4	0.22	17	4.4	<0.2
1053421	Soil	11	47	0.57	324	0.100	<1	2.24	0.011	0.18	0.1	0.01	4.2	0.2	<0.05	7	0.6	<0.2
1053422	Soil	12	92	1.08	848	0.184	<1	1.86	0.007	0.76	<0.1	0.03	7.3	0.4	<0.05	8	1.9	<0.2
1053408	Soil	23	44	1.01	345	0.195	<1	2.68	0.010	1.00	<0.1	0.02	4.0	0.5	<0.05	8	1.0	<0.2
1053407	Soil	17	49	1.04	472	0.158	<1	2.13	0.008	0.74	<0.1	<0.01	3.6	0.5	<0.05	6	1.0	<0.2
1053428	Soil	21	44	0.53	236	0.057	<1	1.83	0.008	0.19	<0.1	<0.01	2.6	0.2	0.10	6	1.3	<0.2
1053430	Soil	18	64	0.62	273	0.092	<1	1.48	0.009	0.22	0.1	0.02	4.0	0.3	0.16	5	4.3	<0.2
1053401	Soil	21	57	0.61	326	0.028	<1	1.45	0.006	0.09	<0.1	0.01	3.5	0.1	<0.05	6	3.1	<0.2
1053429	Soil	7	48	0.79	289	0.157	<1	2.36	0.019	0.60	<0.1	<0.01	3.5	0.4	0.08	7	0.7	<0.2
1042949	Soil	16	40	1.08	355	0.298	<1	2.78	0.009	1.18	<0.1	<0.01	3.2	0.7	<0.05	8	0.7	<0.2
1042947	Soil	6	366	3.86	351	0.150	<1	3.85	0.045	1.15	<0.1	<0.01	7.7	0.8	0.76	11	3.9	<0.2
1053404	Soil	9	20	0.42	627	0.037	<1	0.80	0.006	0.37	<0.1	<0.01	1.6	0.2	0.40	3	3.3	<0.2
1053405	Soil	14	83	0.68	451	0.076	<1	1.54	0.009	0.10	<0.1	<0.01	3.4	0.1	0.09	5	1.4	<0.2
1053406	Soil	10	35	0.71	282	0.129	<1	1.67	0.008	0.46	<0.1	<0.01	3.0	0.2	<0.05	5	<0.5	<0.2
1053403	Soil	13	33	0.66	477	0.059	<1	1.25	0.008	0.34	<0.1	<0.01	2.7	0.3	0.19	4	2.4	<0.2
1053402	Soil	16	56	0.69	531	0.130	<1	2.20	0.007	0.39	0.1	0.02	5.1	0.3	<0.05	7	0.6	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 28, 2011

Page:

4 of 6

Part 1

CERTIFICATE OF ANALYSIS

WHI11000399.1

	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15			
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1053363	Soil				1.1	20.8	9.2	46	<0.1	17.7	6.2	190	2.47	8.7	1.0	<0.5	1.0	21	0.2	0.4	<0.1	52	0.23	0.060
1053374	Soil				3.0	28.7	10.2	64	0.4	17.9	6.3	237	2.81	7.3	3.5	<0.5	4.4	16	0.1	0.5	<0.1	92	0.13	0.029
1053367	Soil				2.2	20.3	8.5	47	0.4	15.5	6.4	198	2.89	7.0	0.8	<0.5	2.5	13	0.2	0.5	0.1	50	0.08	0.055
1053366	Soil				1.8	52.6	9.6	113	0.5	34.1	9.1	380	3.19	8.0	1.5	1.4	4.0	34	0.2	0.6	0.1	104	0.32	0.054
1053365	Soil				1.6	48.0	10.3	78	0.4	34.4	12.8	486	3.54	10.7	1.2	<0.5	4.0	34	0.1	0.7	0.1	67	0.30	0.038
1053417	Soil				1.0	46.6	6.3	133	0.1	70.4	20.2	264	4.69	5.0	0.9	2.6	3.5	21	0.2	0.2	<0.1	84	0.27	0.090
1053416	Soil				5.4	144.1	4.7	225	1.2	79.1	11.7	346	4.98	1.2	4.2	0.7	4.1	130	0.3	0.4	<0.1	104	0.59	0.112
1053358	Soil				1.0	31.2	6.8	58	<0.1	21.2	9.5	331	3.26	4.5	0.8	<0.5	3.6	18	<0.1	0.4	<0.1	48	0.18	0.021
1053356	Soil				1.6	30.7	11.2	46	0.2	20.6	8.7	276	3.35	8.8	1.3	<0.5	4.6	18	<0.1	0.5	0.1	58	0.14	0.038
1053357	Soil				1.0	25.3	6.5	56	0.2	20.5	10.9	350	3.42	5.1	0.7	<0.5	3.5	17	0.1	0.4	<0.1	56	0.12	0.035
1053427	Soil				1.4	101.0	8.1	86	0.4	22.0	3.1	157	2.72	1.2	1.5	6.0	2.8	33	<0.1	0.3	0.2	68	0.11	0.030
1053425	Soil				2.0	109.3	8.5	111	0.1	37.7	6.6	234	2.93	27.4	0.8	7.4	3.1	11	0.1	2.4	0.2	83	0.04	0.037
1053424	Soil				2.8	30.7	8.8	49	0.8	11.6	3.4	212	2.98	3.7	1.3	1.6	3.0	15	0.2	0.8	0.2	79	0.04	0.055
1053426	Soil				2.1	49.6	6.7	75	0.7	9.8	2.6	164	2.45	1.4	1.8	6.4	2.1	30	0.1	0.3	0.2	63	0.11	0.042
1053423	Soil				2.4	31.4	11.0	79	0.3	30.5	8.4	386	3.02	9.4	0.6	1.0	2.5	15	<0.1	0.6	0.2	85	0.09	0.041
1041605	Soil				2.4	59.5	9.6	116	0.2	23.8	7.1	203	2.89	4.0	1.3	6.5	3.1	14	0.2	0.3	0.2	129	0.08	0.041
1053354	Soil				0.8	18.6	5.8	51	<0.1	18.1	9.0	231	2.28	5.6	0.6	<0.5	2.2	13	<0.1	0.4	0.1	49	0.11	0.025
1041606	Soil				1.1	62.3	8.2	102	0.7	21.1	6.6	213	3.10	1.8	0.6	268.9	1.6	14	0.2	0.3	0.2	62	0.04	0.036
1053368	Soil				1.3	45.1	11.0	53	0.8	27.9	10.5	306	2.84	11.4	1.7	6.7	4.5	25	<0.1	0.7	0.3	72	0.23	0.053
1053376	Soil				1.4	46.3	11.1	53	0.7	28.3	10.5	318	2.93	11.7	1.8	5.2	4.6	25	<0.1	0.7	0.2	73	0.22	0.055
1053370	Soil				2.7	63.8	8.1	129	0.8	33.6	7.0	207	2.47	2.8	1.6	49.0	3.8	27	0.4	0.3	0.2	48	0.10	0.048
1053369	Soil				3.5	76.4	5.9	245	0.8	93.8	10.9	373	2.53	1.5	2.5	1.7	3.2	43	0.2	0.3	0.1	75	0.32	0.048
1041609	Soil				3.6	19.5	11.7	55	0.7	15.5	8.6	341	2.62	9.0	1.0	3.2	3.4	20	0.3	0.6	0.2	82	0.11	0.038
1041608	Soil				1.4	36.3	9.7	64	0.2	28.3	10.7	452	2.77	8.9	1.0	3.9	4.0	28	<0.1	0.7	0.2	62	0.26	0.037
1041607	Soil				1.3	35.0	10.5	59	0.1	20.6	7.1	230	2.72	6.5	1.0	11.1	3.5	16	<0.1	0.4	0.2	72	0.13	0.028
1053355	Soil				1.1	14.5	11.1	41	<0.1	15.6	6.7	165	2.42	7.5	0.6	2.2	3.5	15	0.2	0.4	0.2	60	0.11	0.035
1053351	Soil				1.0	84.4	8.3	113	0.2	78.3	17.5	794	3.91	2.5	1.0	1.6	2.6	49	<0.1	0.2	0.3	69	0.73	0.189
1053352	Soil				1.0	50.7	8.7	91	0.1	50.2	14.3	599	3.42	4.4	1.1	2.3	3.2	34	0.1	0.3	0.2	64	0.38	0.089
1053353	Soil				0.8	25.4	4.9	58	<0.1	12.4	6.4	294	2.50	4.7	0.6	1.3	3.7	7	<0.1	0.3	0.1	35	0.07	0.018
1053371	Soil				3.4	56.0	8.2	122	0.4	30.9	8.3	278	2.40	5.3	3.4	2.9	4.1	24	0.2	0.7	0.1	107	0.15	0.040



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: July 28, 2011

Page: 4 of 6 Part 2

CERTIFICATE OF ANALYSIS

WHI11000399.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1053363	Soil	13	28	0.36	738	0.043	<1	1.53	0.008	0.04	0.1	0.04	2.7	<0.1	<0.05	5	0.6	<0.2
1053374	Soil	14	42	0.54	283	0.068	<1	1.71	0.010	0.07	0.2	0.06	4.4	0.3	<0.05	5	1.2	<0.2
1053367	Soil	10	29	0.31	483	0.052	<1	1.49	0.013	0.08	0.1	<0.01	2.6	<0.1	<0.05	4	1.3	<0.2
1053366	Soil	14	42	0.53	463	0.073	<1	1.67	0.015	0.08	0.1	0.04	5.0	<0.1	<0.05	5	1.2	<0.2
1053365	Soil	16	41	0.57	1337	0.090	<1	1.99	0.015	0.08	0.2	0.04	6.2	<0.1	<0.05	6	0.7	<0.2
1053417	Soil	22	65	1.18	2709	0.274	<1	2.54	0.014	0.72	0.1	<0.01	4.3	0.2	<0.05	9	0.6	<0.2
1053416	Soil	27	111	1.40	1495	0.257	<1	3.01	0.021	0.71	<0.1	0.08	6.7	0.3	0.07	10	1.7	<0.2
1053358	Soil	13	25	0.66	479	0.123	<1	1.91	0.009	0.27	<0.1	<0.01	6.3	0.1	<0.05	5	<0.5	<0.2
1053356	Soil	14	31	0.45	291	0.074	<1	2.17	0.010	0.10	0.1	0.04	4.8	0.1	<0.05	6	1.2	<0.2
1053357	Soil	9	28	0.73	735	0.108	<1	2.36	0.012	0.33	<0.1	0.02	5.9	0.1	<0.05	6	0.7	<0.2
1053427	Soil	10	40	0.85	347	0.128	<1	1.67	0.011	0.48	<0.1	0.02	3.3	0.5	0.23	6	1.9	<0.2
1053425	Soil	7	99	1.04	340	0.139	1	2.46	0.012	0.51	<0.1	<0.01	4.6	0.3	0.10	7	1.1	<0.2
1053424	Soil	9	38	0.53	531	0.060	2	1.42	0.027	0.18	<0.1	<0.01	2.5	0.1	0.35	5	2.2	<0.2
1053426	Soil	7	34	0.92	327	0.115	<1	1.38	0.013	0.58	<0.1	0.01	2.7	0.6	0.25	5	2.4	<0.2
1053423	Soil	8	47	0.62	394	0.083	<1	1.59	0.010	0.16	0.2	0.01	2.6	0.2	0.14	7	0.7	<0.2
1041605	Soil	9	44	0.76	395	0.132	<1	1.85	0.010	0.53	0.1	0.01	3.2	0.4	0.11	6	2.1	<0.2
1053354	Soil	8	23	0.54	212	0.092	<1	1.62	0.008	0.26	<0.1	<0.01	3.4	0.1	<0.05	5	<0.5	<0.2
1041606	Soil	5	36	0.86	330	0.167	<1	1.64	0.014	0.81	<0.1	<0.01	2.5	0.6	0.28	5	1.2	<0.2
1053368	Soil	17	40	0.60	1723	0.058	<1	2.09	0.012	0.07	0.1	0.09	6.3	0.1	<0.05	6	0.7	<0.2
1053376	Soil	16	40	0.59	1752	0.057	2	2.07	0.013	0.07	0.2	0.09	6.4	0.1	<0.05	6	1.0	<0.2
1053370	Soil	13	27	0.50	1028	0.059	<1	1.09	0.006	0.17	<0.1	0.03	2.4	0.2	<0.05	4	2.3	<0.2
1053369	Soil	11	305	1.75	1038	0.129	<1	2.11	0.011	0.42	<0.1	0.03	3.7	0.4	0.09	7	1.4	<0.2
1041609	Soil	13	33	0.55	160	0.057	<1	1.74	0.008	0.10	0.2	0.03	2.6	0.2	0.07	5	1.3	<0.2
1041608	Soil	15	34	0.66	322	0.075	<1	1.72	0.015	0.07	0.1	0.03	5.0	<0.1	<0.05	5	0.7	<0.2
1041607	Soil	14	36	0.62	211	0.096	<1	1.74	0.008	0.18	0.1	0.03	3.5	0.2	<0.05	6	0.7	<0.2
1053355	Soil	10	27	0.40	215	0.065	<1	2.15	0.010	0.13	0.2	0.02	2.8	0.1	<0.05	7	1.0	<0.2
1053351	Soil	12	58	0.65	644	0.049	<1	3.28	0.009	0.19	<0.1	0.02	7.8	0.1	<0.05	7	1.8	<0.2
1053352	Soil	12	47	0.66	516	0.076	<1	2.79	0.009	0.22	<0.1	0.03	6.8	0.1	<0.05	7	0.9	<0.2
1053353	Soil	11	16	0.38	249	0.130	<1	1.52	0.007	0.31	<0.1	<0.01	3.9	0.1	<0.05	5	<0.5	<0.2
1053371	Soil	15	47	0.54	284	0.070	<1	1.41	0.008	0.07	0.2	0.03	3.8	0.1	<0.05	5	1.9	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 28, 2011

Page:

5 of 6

Part 1

CERTIFICATE OF ANALYSIS

WHI11000399.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1053373	Soil	4.4	52.6	10.9	107	1.9	14.5	2.5	307	2.50	3.5	4.2	2.1	4.2	57	0.6	0.8	0.2	120	0.24	0.056
1041637	Soil	1.1	31.0	4.4	74	<0.1	19.5	5.9	177	2.41	2.2	0.9	1.9	3.5	14	0.1	0.2	0.1	40	0.22	0.040
1041547	Soil	1.5	33.3	7.8	75	0.2	27.7	9.7	338	2.53	4.4	1.3	3.7	4.2	29	<0.1	0.3	0.2	65	0.39	0.045
1041546	Soil	1.5	28.0	7.3	65	0.2	22.2	7.7	286	2.41	4.4	0.9	1.2	2.8	35	0.1	0.3	0.1	56	0.41	0.032
1041639	Soil	1.3	24.8	6.3	117	0.1	27.4	8.1	183	2.31	4.9	0.9	2.4	3.2	20	0.2	0.3	0.1	50	0.21	0.034
1053375	Soil	7.2	54.4	9.1	203	1.1	29.7	5.4	212	2.87	5.8	4.5	2.9	2.5	40	0.4	0.6	0.2	261	0.17	0.068
1053378	Soil	0.7	76.5	10.4	133	<0.1	94.4	18.4	359	3.57	4.2	0.9	4.8	3.3	17	0.3	0.4	0.2	78	0.20	0.034
1053379	Soil	1.6	249.4	7.1	222	0.1	196.3	13.3	218	2.72	1.2	5.9	0.8	3.7	45	0.3	0.2	<0.1	105	0.29	0.045
1053372	Soil	1.4	27.4	9.5	58	0.2	21.4	7.6	261	2.32	8.1	1.1	3.1	3.1	25	0.2	0.6	0.1	60	0.25	0.049
1053377	Soil	3.2	67.6	9.0	127	0.2	26.2	7.2	295	2.78	1.1	1.5	0.7	4.4	22	0.4	0.3	0.2	69	0.07	0.042
1053362	Soil	1.6	31.7	9.1	53	0.2	17.1	6.5	211	2.38	7.2	1.4	3.0	2.3	17	0.3	0.5	0.2	60	0.12	0.049
1053359	Soil	1.0	27.4	9.3	52	0.1	23.6	8.4	291	2.47	8.4	1.0	3.6	3.7	24	<0.1	0.6	0.2	63	0.24	0.032
1053361	Soil	2.0	52.9	7.6	77	0.3	22.9	6.9	224	2.49	4.1	0.8	3.8	2.0	19	0.1	0.4	0.2	64	0.18	0.046
1053360	Soil	0.9	63.3	8.3	89	<0.1	80.8	19.0	326	3.81	1.1	1.0	3.8	6.5	19	<0.1	0.1	0.3	67	0.34	0.070
1053364	Soil	1.5	38.3	9.6	211	0.1	46.9	10.3	237	2.61	5.1	1.2	8.9	3.9	24	0.4	0.4	0.2	59	0.13	0.038
1041632	Soil	1.0	25.9	8.9	69	0.1	24.1	9.6	306	2.37	7.9	0.8	3.8	3.7	31	0.2	0.6	0.1	51	0.54	0.074
1041628	Soil	1.0	21.6	6.1	58	0.1	16.2	7.0	160	2.42	3.9	0.8	1.4	3.4	16	<0.1	0.3	0.1	53	0.23	0.037
1041634	Soil	1.4	57.9	8.3	135	<0.1	46.8	15.4	645	3.95	1.0	1.1	1.0	5.5	57	0.2	<0.1	0.1	97	0.47	0.073
1041541	Soil	0.9	50.3	5.4	144	0.2	37.8	19.7	948	3.31	2.2	0.6	0.8	3.1	27	0.3	0.2	0.1	108	0.42	0.054
1041629	Soil	1.1	21.2	6.3	56	0.2	16.9	6.5	152	2.39	4.5	0.8	2.8	3.4	17	<0.1	0.2	0.1	53	0.22	0.037
1041549	Soil	1.3	28.6	8.4	65	0.1	23.3	10.6	364	2.47	6.5	1.0	2.2	3.6	28	0.2	0.5	0.2	52	0.50	0.047
1041624	Soil	1.1	24.6	5.0	77	0.1	25.0	8.5	245	2.16	3.3	1.0	0.7	3.5	19	0.1	0.2	0.1	47	0.22	0.038
1041630	Soil	1.1	28.6	5.5	63	<0.1	16.9	6.0	226	2.28	1.9	1.0	3.1	4.6	13	0.2	0.2	0.1	47	0.21	0.044
1041633	Soil	1.0	34.4	6.3	86	0.1	28.9	9.7	271	3.10	2.1	0.8	<0.5	4.1	27	<0.1	0.2	0.1	67	0.29	0.044
1041626	Soil	1.4	17.7	7.0	54	0.2	15.3	6.4	189	2.34	5.0	0.9	2.4	2.8	16	0.2	0.2	0.1	52	0.20	0.035
1041544	Soil	1.2	31.2	6.4	70	0.1	24.2	8.2	355	2.35	3.1	1.3	3.4	3.4	24	0.2	0.2	0.1	55	0.47	0.049
1041539	Soil	1.2	30.2	5.5	67	<0.1	19.3	6.5	158	2.19	2.8	1.0	2.2	3.8	13	0.1	0.3	0.1	49	0.16	0.035
1041536	Soil	0.9	26.7	5.3	84	0.1	23.6	7.1	175	2.33	3.6	0.8	3.3	3.5	17	0.2	0.2	0.1	46	0.23	0.040
1041543	Soil	1.1	28.2	6.1	66	0.2	20.4	7.6	214	2.41	2.3	1.1	4.1	3.4	29	0.2	0.2	0.1	49	0.42	0.039
1041631	Soil	1.1	22.2	8.2	71	0.2	18.7	7.4	217	2.39	4.7	0.9	3.0	3.6	18	0.2	0.4	0.2	50	0.24	0.059



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: July 28, 2011

Page: 5 of 6 Part 2

CERTIFICATE OF ANALYSIS

WHI11000399.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1053373	Soil	13	54	0.98	378	0.077	<1	1.34	0.037	0.20	0.2	0.02	3.5	0.4	0.32	5	3.0	0.2
1041637	Soil	11	17	0.59	264	0.098	<1	1.59	0.008	0.41	<0.1	<0.01	3.6	0.2	<0.05	5	1.0	<0.2
1041547	Soil	14	34	0.67	329	0.104	<1	1.73	0.013	0.14	0.1	0.02	3.4	0.1	<0.05	5	1.2	<0.2
1041546	Soil	11	27	0.59	276	0.094	<1	1.74	0.014	0.17	0.1	0.02	3.5	0.1	<0.05	5	0.7	<0.2
1041639	Soil	12	23	0.49	252	0.082	<1	1.59	0.008	0.14	0.1	0.01	3.6	0.1	<0.05	5	0.7	<0.2
1053375	Soil	17	89	0.76	581	0.079	<1	1.94	0.010	0.12	<0.1	0.05	3.3	0.2	0.15	7	4.3	<0.2
1053378	Soil	11	74	1.11	869	0.172	<1	2.29	0.009	0.68	<0.1	0.02	6.0	0.5	<0.05	7	0.7	<0.2
1053379	Soil	9	257	2.28	1299	0.130	<1	2.77	0.013	0.26	<0.1	<0.01	8.8	0.2	<0.05	9	1.5	<0.2
1053372	Soil	12	33	0.48	266	0.066	<1	1.57	0.009	0.06	0.2	0.03	3.7	<0.1	<0.05	5	1.2	<0.2
1053377	Soil	14	32	0.68	259	0.124	<1	1.30	0.005	0.51	<0.1	<0.01	2.3	0.4	0.07	4	2.0	<0.2
1053362	Soil	11	29	0.43	1068	0.063	<1	1.50	0.008	0.09	0.1	0.03	3.1	0.1	0.06	5	1.1	<0.2
1053359	Soil	14	34	0.56	308	0.067	<1	1.66	0.011	0.06	0.1	0.02	4.4	0.1	<0.05	5	0.8	<0.2
1053361	Soil	7	32	0.52	690	0.095	<1	1.22	0.011	0.19	0.1	0.03	3.4	0.2	0.05	4	1.0	<0.2
1053360	Soil	34	80	0.80	425	0.133	2	1.92	0.006	0.40	<0.1	0.02	5.2	0.5	<0.05	6	0.6	<0.2
1053364	Soil	16	34	0.50	599	0.050	<1	1.42	0.005	0.07	0.1	0.02	3.4	0.1	<0.05	5	1.2	<0.2
1041632	Soil	13	27	0.54	369	0.062	2	1.32	0.023	0.05	0.3	0.05	3.0	<0.1	<0.05	4	<0.5	<0.2
1041628	Soil	11	24	0.51	281	0.089	1	1.55	0.011	0.18	<0.1	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1041634	Soil	21	74	1.41	535	0.159	1	2.73	0.014	0.74	<0.1	0.02	7.9	0.4	<0.05	10	0.8	<0.2
1041541	Soil	14	41	1.30	813	0.137	1	2.58	0.016	0.52	0.1	0.01	10.9	0.4	<0.05	9	0.7	<0.2
1041629	Soil	11	24	0.50	279	0.088	<1	1.64	0.011	0.15	0.2	0.02	3.1	0.1	<0.05	5	0.7	<0.2
1041549	Soil	13	27	0.56	366	0.081	1	1.63	0.018	0.10	0.1	0.03	3.3	<0.1	<0.05	5	0.7	<0.2
1041624	Soil	11	25	0.50	308	0.090	<1	1.47	0.010	0.18	0.1	0.02	3.5	0.1	<0.05	4	<0.5	<0.2
1041630	Soil	16	21	0.45	302	0.083	<1	1.49	0.009	0.26	<0.1	0.01	4.1	0.1	<0.05	5	<0.5	<0.2
1041633	Soil	12	33	0.86	457	0.153	1	2.31	0.012	0.58	<0.1	0.02	5.5	0.3	<0.05	7	0.7	<0.2
1041626	Soil	12	23	0.44	280	0.079	1	1.58	0.010	0.11	0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1041544	Soil	13	28	0.55	310	0.089	<1	1.49	0.014	0.19	<0.1	0.03	3.4	0.1	<0.05	5	0.8	<0.2
1041539	Soil	13	28	0.48	318	0.095	<1	1.39	0.007	0.30	<0.1	0.01	3.6	0.2	<0.05	4	0.7	<0.2
1041536	Soil	12	22	0.49	263	0.083	<1	1.53	0.010	0.19	<0.1	0.03	3.7	0.1	<0.05	5	0.9	<0.2
1041543	Soil	11	22	0.53	327	0.088	1	1.57	0.015	0.25	<0.1	0.01	3.7	0.1	<0.05	5	0.7	<0.2
1041631	Soil	14	24	0.53	304	0.076	<1	1.61	0.012	0.18	0.1	0.05	3.8	0.1	<0.05	5	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: July 28, 2011

Page: 6 of 6 **Part** 1

CERTIFICATE OF ANALYSIS

WHI11000399.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
1041542	Soil	0.9	54.4	6.1	162	0.2	42.5	19.4	872	3.51	2.0	0.6	2.1	3.4	27	0.4	0.2	<0.1	111	0.43	0.059
1041638	Soil	1.4	31.9	6.2	102	0.2	27.1	7.4	150	2.70	4.2	1.0	3.1	2.8	16	0.2	0.2	0.1	53	0.21	0.037
1041537	Soil	1.3	33.4	6.6	119	0.3	36.4	9.2	285	2.62	2.9	1.2	2.0	3.2	19	0.5	0.2	0.2	54	0.34	0.047
1041540	Soil	1.2	34.8	6.7	82	<0.1	21.0	7.2	374	2.60	1.8	0.9	1.1	5.5	14	0.1	0.2	0.2	47	0.19	0.030
1041636	Soil	0.9	37.0	4.2	75	<0.1	19.6	6.6	191	2.77	2.8	0.8	2.0	3.4	15	<0.1	0.2	0.2	52	0.19	0.029
1041627	Soil	1.2	19.1	7.3	61	0.2	16.7	7.3	199	2.43	5.2	0.8	5.6	2.9	17	0.1	0.3	0.2	56	0.26	0.039
1041545	Soil	0.8	29.0	2.8	55	<0.1	17.3	4.9	140	2.11	1.1	0.9	1.1	3.0	12	<0.1	<0.1	0.1	31	0.22	0.035
1041623	Soil	1.6	25.2	5.3	91	0.2	22.8	6.3	196	2.47	2.2	0.7	2.5	3.1	14	0.2	0.1	0.1	50	0.17	0.037
1041622	Soil	1.3	27.0	7.1	74	0.2	24.4	6.3	164	2.36	3.5	1.1	3.5	3.4	17	0.2	0.2	0.2	50	0.22	0.039
1041621	Soil	0.8	38.3	5.9	91	0.2	31.3	8.3	235	2.22	1.4	0.9	1.7	3.1	31	0.1	<0.1	0.1	58	0.48	0.045
1041635	Soil	1.1	21.9	6.3	71	0.2	17.7	6.4	152	2.41	4.2	0.8	4.2	2.9	18	<0.1	0.3	0.1	52	0.27	0.030
1041625	Soil	1.1	18.9	6.0	54	0.2	14.0	5.3	114	2.12	3.8	0.7	4.1	2.1	16	0.2	0.2	0.1	47	0.22	0.033
1041538	Soil	1.0	19.4	5.7	52	<0.1	16.7	6.4	175	2.04	3.5	0.7	9.3	3.6	14	<0.1	0.3	0.1	44	0.20	0.030
1041548	Soil	1.3	30.3	6.5	66	0.2	27.2	8.0	270	2.29	4.1	1.1	5.1	3.5	26	0.1	0.3	0.1	52	0.34	0.041



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: July 28, 2011

Page: 6 of 6 **Part** 2

CERTIFICATE OF ANALYSIS

WHI11000399.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1041542	Soil	15	50	1.36	1038	0.158	<1	2.91	0.015	0.64	<0.1	0.02	11.6	0.4	<0.05	9	<0.5	<0.2
1041638	Soil	12	22	0.48	270	0.072	1	1.77	0.008	0.17	<0.1	0.04	4.1	<0.1	<0.05	5	0.9	<0.2
1041537	Soil	15	28	0.51	291	0.074	<1	1.83	0.010	0.12	0.1	0.03	4.0	0.1	<0.05	6	1.0	<0.2
1041540	Soil	19	26	0.53	263	0.118	<1	1.58	0.008	0.42	<0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1041636	Soil	11	23	0.62	345	0.123	<1	1.77	0.010	0.42	<0.1	<0.01	5.4	0.2	<0.05	5	<0.5	<0.2
1041627	Soil	11	24	0.45	304	0.073	<1	1.57	0.009	0.09	0.1	0.03	3.3	0.1	<0.05	5	<0.5	<0.2
1041545	Soil	9	15	0.51	273	0.100	<1	1.40	0.009	0.43	<0.1	0.02	3.9	0.2	<0.05	4	<0.5	<0.2
1041623	Soil	10	21	0.52	224	0.096	<1	1.53	0.008	0.27	<0.1	0.03	3.6	0.1	<0.05	5	1.1	<0.2
1041622	Soil	14	23	0.52	363	0.080	1	1.57	0.009	0.17	0.1	0.03	3.5	0.1	<0.05	5	1.1	<0.2
1041621	Soil	14	30	1.07	442	0.101	<1	1.87	0.012	0.33	0.1	0.02	4.5	0.1	<0.05	6	0.8	<0.2
1041635	Soil	10	23	0.52	282	0.086	<1	1.52	0.010	0.15	0.1	<0.01	3.6	<0.1	<0.05	5	0.8	<0.2
1041625	Soil	9	19	0.42	273	0.083	1	1.37	0.009	0.15	0.1	0.01	2.9	<0.1	<0.05	5	0.5	<0.2
1041538	Soil	12	24	0.43	221	0.077	<1	1.32	0.010	0.11	0.1	0.02	3.1	0.1	<0.05	4	<0.5	<0.2
1041548	Soil	13	27	0.55	343	0.082	1	1.56	0.013	0.16	0.2	<0.01	3.5	0.1	<0.05	5	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 28, 2011

Page:

1 of 2

Part 1

QUALITY CONTROL REPORT

WHI11000399.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
Pulp Duplicates																					
1053311	Soil	1.1	31.4	6.8	63	0.1	27.3	8.4	270	2.48	4.4	1.1	7.5	4.5	27	0.2	0.3	0.2	54	0.37	0.049
REP 1053311	QC	1.0	31.4	6.6	64	0.1	27.0	7.9	262	2.39	4.3	1.0	6.8	4.5	27	0.2	0.3	0.2	52	0.35	0.049
1053318	Soil	1.0	25.0	4.6	48	<0.1	15.3	6.1	178	2.15	3.7	0.9	2.3	2.9	27	<0.1	0.2	0.2	41	0.30	0.039
REP 1053318	QC	0.9	25.5	4.3	49	<0.1	16.7	6.3	189	2.16	3.7	0.9	2.3	2.8	27	<0.1	0.2	0.1	44	0.30	0.041
1053414	Soil	0.8	30.8	10.2	93	<0.1	39.3	16.1	163	3.66	2.2	0.8	<0.5	6.9	9	<0.1	0.2	0.4	43	0.08	0.021
REP 1053414	QC	0.9	30.2	10.5	99	<0.1	37.1	15.5	159	3.70	2.3	0.7	<0.5	6.5	10	<0.1	0.2	0.3	43	0.08	0.020
1053417	Soil	1.0	46.6	6.3	133	0.1	70.4	20.2	264	4.69	5.0	0.9	2.6	3.5	21	0.2	0.2	<0.1	84	0.27	0.090
REP 1053417	QC	0.9	43.5	6.4	125	0.1	68.1	19.3	259	4.70	4.5	0.8	<0.5	3.5	20	0.2	0.3	<0.1	81	0.26	0.090
1041607	Soil	1.3	35.0	10.5	59	0.1	20.6	7.1	230	2.72	6.5	1.0	11.1	3.5	16	<0.1	0.4	0.2	72	0.13	0.028
REP 1041607	QC	1.3	32.1	10.1	54	0.1	19.6	6.8	216	2.55	6.2	0.9	9.6	3.4	15	0.1	0.4	0.2	67	0.12	0.028
1053378	Soil	0.7	76.5	10.4	133	<0.1	94.4	18.4	359	3.57	4.2	0.9	4.8	3.3	17	0.3	0.4	0.2	78	0.20	0.034
REP 1053378	QC	0.7	75.7	10.9	132	<0.1	96.6	17.6	361	3.52	4.2	0.9	4.4	3.5	18	0.4	0.4	0.2	85	0.19	0.033
1041549	Soil	1.3	28.6	8.4	65	0.1	23.3	10.6	364	2.47	6.5	1.0	2.2	3.6	28	0.2	0.5	0.2	52	0.50	0.047
REP 1041549	QC	1.3	29.8	8.9	68	0.2	24.8	10.7	378	2.49	6.6	1.0	3.7	3.6	30	0.2	0.5	0.2	53	0.50	0.047
1041536	Soil	0.9	26.7	5.3	84	0.1	23.6	7.1	175	2.33	3.6	0.8	3.3	3.5	17	0.2	0.2	0.1	46	0.23	0.040
REP 1041536	QC	0.9	26.5	5.4	81	0.1	23.9	7.0	167	2.34	3.3	0.9	5.8	3.5	16	0.2	0.2	0.1	46	0.23	0.041
Reference Materials																					
STD DS8	Standard	13.5	110.8	129.3	308	1.9	39.1	7.7	641	2.81	27.5	2.9	112.8	7.3	73	2.3	5.8	5.7	44	0.68	0.084
STD DS8	Standard	13.1	109.2	128.1	309	1.9	37.6	7.3	618	2.75	27.2	2.8	123.8	7.2	68	2.1	5.5	5.6	27	0.68	0.078
STD DS8	Standard	12.8	103.7	123.7	300	1.7	35.7	7.2	581	2.35	24.8	2.6	118.6	6.3	62	2.2	4.9	5.9	41	0.66	0.078
STD DS8	Standard	13.1	105.2	124.4	308	1.7	36.9	7.1	595	2.36	25.1	2.6	125.9	6.6	60	2.3	5.0	6.0	41	0.67	0.080
STD DS8	Standard	12.3	112.2	121.2	309	1.7	38.1	7.7	634	2.48	25.8	2.7	111.4	6.4	73	2.6	5.9	7.2	41	0.70	0.078
STD DS8	Standard	12.6	107.7	121.5	298	1.7	38.1	7.4	583	2.32	24.3	2.5	105.3	5.8	68	2.0	5.8	6.9	38	0.64	0.074
STD DS8	Standard	12.0	108.5	135.8	309	1.8	38.7	7.4	609	2.26	26.0	2.8	110.5	6.5	68	1.7	6.4	6.7	40	0.67	0.076
STD DS8	Standard	14.2	116.7	151.4	345	1.9	41.6	8.3	688	2.54	29.1	3.1	120.2	7.6	80	2.6	6.3	7.4	45	0.78	0.085
STD DS8	Standard	13.6	121.9	138.1	325	1.8	42.7	8.3	630	2.59	27.3	2.7	155.6	6.3	60	2.4	5.7	6.6	44	0.66	0.082
STD DS8	Standard	13.3	122.3	135.5	327	1.9	42.4	8.2	626	2.55	28.3	2.7	120.7	6.2	60	2.5	5.4	6.6	44	0.66	0.083
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: July 28, 2011

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

WHI11000399.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1053311	Soil	14	32	0.60	318	0.103	<1	1.54	0.013	0.18	0.2	0.02	3.4	0.1	0.11	5	0.7	<0.2
REP 1053311	QC	14	31	0.62	321	0.102	1	1.47	0.013	0.18	0.2	0.01	3.2	0.2	0.11	5	<0.5	<0.2
1053318	Soil	9	22	0.51	341	0.088	<1	1.36	0.013	0.27	0.1	0.01	3.2	0.1	<0.05	4	<0.5	<0.2
REP 1053318	QC	9	22	0.53	332	0.091	<1	1.40	0.013	0.28	0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1053414	Soil	14	39	0.87	352	0.218	<1	2.33	0.016	0.77	<0.1	<0.01	3.5	0.6	<0.05	7	<0.5	<0.2
REP 1053414	QC	13	39	0.91	351	0.210	<1	2.27	0.010	0.82	<0.1	<0.01	3.2	0.5	<0.05	7	<0.5	<0.2
1053417	Soil	22	65	1.18	2709	0.274	<1	2.54	0.014	0.72	0.1	<0.01	4.3	0.2	<0.05	9	0.6	<0.2
REP 1053417	QC	24	63	1.19	2577	0.270	<1	2.53	0.015	0.69	0.1	<0.01	4.2	0.2	<0.05	9	0.9	<0.2
1041607	Soil	14	36	0.62	211	0.096	<1	1.74	0.008	0.18	0.1	0.03	3.5	0.2	<0.05	6	0.7	<0.2
REP 1041607	QC	14	35	0.58	196	0.094	1	1.67	0.008	0.17	0.1	0.01	3.3	0.2	<0.05	6	0.7	<0.2
1053378	Soil	11	74	1.11	869	0.172	<1	2.29	0.009	0.68	<0.1	0.02	6.0	0.5	<0.05	7	0.7	<0.2
REP 1053378	QC	12	72	1.09	869	0.176	<1	2.31	0.009	0.66	<0.1	0.03	6.1	0.5	<0.05	7	0.5	<0.2
1041549	Soil	13	27	0.56	366	0.081	1	1.63	0.018	0.10	0.1	0.03	3.3	<0.1	<0.05	5	0.7	<0.2
REP 1041549	QC	13	28	0.58	376	0.083	<1	1.66	0.019	0.10	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1041536	Soil	12	22	0.49	263	0.083	<1	1.53	0.010	0.19	<0.1	0.03	3.7	0.1	<0.05	5	0.9	<0.2
REP 1041536	QC	12	22	0.47	259	0.083	<1	1.50	0.009	0.19	<0.1	0.01	3.8	0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	122	0.56	299	0.122	1	1.00	0.103	0.44	3.1	0.20	2.6	5.5	0.14	5	4.6	5.0
STD DS8	Standard	15	119	0.53	288	0.120	<1	0.94	0.081	0.43	3.0	0.21	2.4	5.6	0.12	5	4.9	5.5
STD DS8	Standard	14	108	0.61	273	0.106	4	0.90	0.086	0.40	2.9	0.18	1.9	5.3	0.18	4	5.3	4.6
STD DS8	Standard	15	109	0.61	272	0.107	3	0.91	0.088	0.40	2.8	0.22	2.0	5.2	0.18	5	5.0	5.0
STD DS8	Standard	14	124	0.68	271	0.117	2	0.90	0.092	0.42	3.0	0.21	2.3	5.4	0.27	5	5.3	4.6
STD DS8	Standard	13	118	0.64	251	0.106	2	0.82	0.086	0.40	2.9	0.19	2.2	5.1	0.24	4	5.6	4.9
STD DS8	Standard	13	118	0.63	273	0.106	3	0.88	0.082	0.41	3.0	0.21	2.1	5.4	0.18	4	5.2	4.5
STD DS8	Standard	16	131	0.70	304	0.120	1	1.01	0.095	0.45	3.4	0.22	2.3	6.0	0.19	5	6.2	5.6
STD DS8	Standard	13	122	0.62	283	0.108	2	0.89	0.084	0.43	3.1	0.21	2.0	5.4	0.15	5	5.5	5.1
STD DS8	Standard	12	124	0.63	276	0.107	4	0.90	0.084	0.43	3.0	0.23	2.0	5.5	0.18	4	5.8	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 28, 2011

Page:

2 of 2

Part 1

QUALITY CONTROL REPORT

WHI11000399.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

July 28, 2011

Page:

2 of 2

Part 2

QUALITY CONTROL REPORT

WHI11000399.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: October 18, 2011
Report Date: November 18, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS

WHI11001823.1

CLIENT JOB INFORMATION

Project: GEM
Shipment ID: GEM2011-08
P.O. Number
Number of Samples: 166

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
PICKUP-RJT Client to Pickup Rejects

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Gold Corp.
600 - 666 Burrard St.
Vancouver BC V6C 1H2
Canada

CC: Ian Gendall
Shawn Ryan
Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	166	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	166	Dry at 60C			WHI
RJSV	166	Saving all or part of Soil Reject			VAN
1DX2	166	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

November 18, 2011

Page:

2 of 7

Part 1

CERTIFICATE OF ANALYSIS

WHI11001823.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1107171	Soil	3.6	80.9	8.2	109	0.2	31.4	14.4	308	2.90	6.4	2.1	4.4	2.9	25	0.4	1.1	0.2	67	0.28
1107167	Soil	2.1	38.1	7.3	172	0.3	32.0	14.6	977	2.58	5.3	1.3	1.7	2.9	20	1.2	0.5	0.2	61	0.17
1107179	Soil	3.4	34.9	8.2	96	0.4	22.4	8.2	273	2.21	4.7	1.0	3.5	2.4	28	0.7	0.8	0.2	51	0.20
1107169	Soil	2.1	22.2	8.3	111	0.9	21.3	9.5	603	2.15	5.7	0.9	2.0	2.2	33	0.7	0.7	0.2	64	0.32
1107180	Soil	2.2	40.5	8.2	71	0.3	26.4	8.3	248	2.35	8.1	2.2	3.7	3.9	26	0.2	1.1	0.1	56	0.23
1107170	Soil	3.1	60.3	6.5	135	0.7	37.4	9.1	292	2.39	3.0	2.4	21.4	1.9	39	1.2	0.5	0.2	57	0.41
1107156	Soil	2.5	47.5	7.4	76	0.3	23.6	6.2	179	2.75	7.5	2.0	17.4	3.6	18	0.2	0.6	0.2	69	0.10
1107177	Soil	3.0	27.2	5.2	45	0.5	12.9	4.1	228	1.51	6.9	0.7	0.8	1.7	21	0.3	1.6	0.1	45	0.11
1107176	Soil	5.7	57.2	8.8	137	0.7	31.3	9.8	201	2.28	10.5	1.6	3.3	2.7	26	0.7	1.7	0.2	89	0.08
1107178	Soil	2.3	49.6	5.8	67	0.5	15.0	3.6	120	2.06	4.5	1.1	6.3	2.1	21	0.2	1.0	0.1	52	0.16
1107163	Soil	2.6	71.8	4.7	278	0.2	46.3	12.1	248	2.14	0.8	1.3	2.4	2.0	18	0.6	0.3	0.1	64	0.10
1107152	Soil	6.7	93.2	7.2	318	0.9	61.4	12.7	259	2.62	1.5	2.3	2.5	2.6	33	0.6	0.7	0.2	109	0.12
1107155	Soil	2.9	29.6	6.6	67	1.5	14.5	3.8	280	1.45	4.2	0.9	1.5	2.5	29	0.4	0.4	0.2	66	0.19
1107183	Soil	3.1	29.7	8.2	71	0.6	18.0	7.1	308	2.10	5.7	1.5	3.6	3.1	32	0.3	1.3	0.2	58	0.29
1107154	Soil	2.6	35.6	6.9	75	0.4	15.6	6.2	272	2.41	4.6	0.9	2.0	2.3	21	0.1	0.4	0.2	73	0.27
1107182	Soil	3.4	31.9	8.5	70	0.6	17.7	6.5	313	2.12	5.9	1.5	4.1	3.1	35	0.3	1.5	0.2	59	0.29
1107181	Soil	2.7	21.4	7.0	63	0.3	20.3	9.7	330	1.90	5.9	1.0	2.4	2.7	21	0.3	0.9	0.1	48	0.22
1107172	Soil	2.3	74.2	5.8	131	0.3	30.6	5.7	136	2.63	3.0	2.2	8.2	1.6	31	0.5	0.6	0.2	72	0.15
1107173	Soil	5.8	28.0	9.3	103	0.7	20.5	5.6	233	2.42	8.2	1.2	0.9	2.6	31	0.7	1.3	0.2	74	0.29
1107153	Soil	2.8	34.9	7.5	72	0.7	23.5	7.1	209	2.14	5.7	0.9	1.9	2.4	20	0.4	0.6	0.2	70	0.22
1107174	Soil	2.2	29.6	6.0	66	0.4	15.9	4.7	186	1.89	7.9	1.1	1.5	2.1	27	0.4	1.3	0.1	44	0.22
1107164	Soil	2.0	115.3	7.0	297	0.3	70.5	11.4	239	3.26	2.8	1.9	5.4	2.8	18	1.5	0.3	0.2	71	0.15
1107168	Soil	2.1	30.9	7.1	117	0.1	26.0	8.9	269	2.30	5.1	1.0	4.7	2.7	21	0.2	0.6	0.1	55	0.20
1107165	Soil	2.0	49.3	6.4	92	0.4	27.9	7.4	187	2.04	3.9	1.3	4.9	2.6	26	0.2	0.4	0.1	47	0.21
1107151	Soil	3.5	81.8	8.5	163	0.5	33.3	8.0	299	2.96	4.0	2.8	4.2	4.4	32	0.4	0.6	0.2	81	0.22
1107159	Soil	2.7	49.5	5.6	106	0.3	27.7	8.6	221	2.69	3.2	0.9	5.8	2.5	18	0.4	0.3	0.2	64	0.19
1107158	Soil	2.8	52.3	6.7	120	0.3	30.8	8.3	197	2.98	4.5	1.1	7.0	2.3	18	0.2	0.4	0.2	71	0.15
1107166	Soil	3.5	61.4	6.8	87	0.3	34.0	12.1	230	2.11	5.0	1.3	5.1	2.8	24	0.5	0.7	0.2	51	0.17
1107160	Soil	2.0	88.8	5.7	240	<0.1	70.3	15.3	317	3.50	0.9	1.6	1.9	3.0	14	0.6	0.1	0.2	84	0.09
1107157	Soil	3.2	82.8	7.6	274	0.3	63.4	11.1	315	4.03	1.5	0.9	2.2	2.1	12	0.5	0.3	0.2	98	0.07



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

November 18, 2011

Page:

2 of 7

Part 2

CERTIFICATE OF ANALYSIS

WHI11001823.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1107171	Soil	10	39	0.67	690	0.068	1	1.76	0.008	0.11	0.1	0.04	3.9	0.2	<0.05	5	1.3	<0.2
1107167	Soil	10	37	0.67	773	0.093	2	1.57	0.009	0.23	0.1	0.03	3.4	0.1	<0.05	5	1.0	<0.2
1107179	Soil	10	26	0.47	287	0.068	<1	1.26	0.011	0.16	0.2	0.02	2.1	0.1	0.06	4	2.1	<0.2
1107169	Soil	10	31	0.42	698	0.051	1	1.15	0.008	0.13	0.2	0.03	2.3	0.1	<0.05	4	1.0	<0.2
1107180	Soil	12	29	0.49	302	0.053	1	1.38	0.010	0.06	0.1	0.05	3.7	<0.1	<0.05	4	1.1	<0.2
1107170	Soil	11	35	0.67	834	0.078	2	1.60	0.011	0.26	0.1	0.07	3.4	0.2	<0.05	5	1.4	<0.2
1107156	Soil	15	36	0.71	277	0.090	<1	1.57	0.012	0.26	<0.1	0.05	3.7	0.2	0.08	5	1.1	<0.2
1107177	Soil	8	20	0.26	317	0.029	<1	0.68	0.004	0.04	0.2	0.02	1.1	<0.1	<0.05	3	2.9	<0.2
1107176	Soil	12	34	0.47	336	0.069	<1	1.18	0.012	0.13	0.2	0.03	2.0	0.2	0.10	5	3.6	<0.2
1107178	Soil	10	32	0.62	442	0.075	<1	1.19	0.013	0.25	0.1	0.02	2.7	0.2	0.13	4	2.6	<0.2
1107163	Soil	6	39	1.14	666	0.117	<1	1.71	0.012	0.57	<0.1	<0.01	3.3	0.3	<0.05	6	0.7	<0.2
1107152	Soil	9	33	0.43	510	0.053	<1	1.02	0.007	0.24	0.1	0.02	2.5	0.2	0.09	4	2.7	<0.2
1107155	Soil	12	35	0.50	331	0.044	<1	1.08	0.008	0.13	<0.1	0.02	1.4	<0.1	0.06	3	2.4	<0.2
1107183	Soil	11	27	0.56	368	0.058	<1	1.31	0.012	0.08	0.2	0.03	2.5	0.1	0.06	4	1.7	<0.2
1107154	Soil	7	35	0.78	322	0.094	<1	1.52	0.010	0.29	<0.1	<0.01	3.0	0.2	0.06	5	0.7	<0.2
1107182	Soil	11	29	0.61	395	0.056	<1	1.30	0.013	0.09	0.2	0.05	2.4	0.1	0.07	4	2.2	<0.2
1107181	Soil	9	24	0.41	228	0.048	<1	1.25	0.008	0.05	0.2	0.02	2.0	<0.1	<0.05	4	2.1	<0.2
1107172	Soil	7	43	1.10	685	0.127	<1	1.80	0.021	0.71	<0.1	0.07	4.3	0.4	0.10	6	1.8	<0.2
1107173	Soil	10	31	0.34	512	0.042	<1	1.17	0.008	0.10	0.3	0.03	2.2	0.1	<0.05	5	1.1	<0.2
1107153	Soil	9	29	0.47	428	0.053	<1	1.29	0.010	0.08	0.2	0.02	2.4	0.1	<0.05	4	0.9	<0.2
1107174	Soil	8	21	0.31	353	0.031	<1	0.85	0.008	0.06	0.2	0.03	1.7	<0.1	<0.05	3	1.6	<0.2
1107164	Soil	10	49	1.10	700	0.141	<1	2.02	0.016	0.70	<0.1	0.03	4.7	0.3	<0.05	7	0.8	<0.2
1107168	Soil	9	32	0.61	656	0.077	<1	1.37	0.008	0.15	0.1	0.02	2.6	0.1	<0.05	5	0.5	<0.2
1107165	Soil	8	28	0.76	343	0.056	1	1.21	0.011	0.07	0.1	0.02	2.8	0.1	<0.05	4	0.9	<0.2
1107151	Soil	17	40	0.91	812	0.099	<1	1.69	0.014	0.36	0.1	0.03	4.0	0.3	0.16	5	2.1	<0.2
1107159	Soil	8	41	1.00	445	0.127	<1	1.74	0.017	0.50	0.1	0.02	3.5	0.3	<0.05	6	1.0	<0.2
1107158	Soil	8	43	0.93	364	0.116	<1	1.88	0.015	0.50	0.1	0.02	3.8	0.3	<0.05	6	1.0	<0.2
1107166	Soil	9	27	0.56	364	0.054	<1	1.24	0.008	0.06	0.2	0.03	2.5	0.1	<0.05	4	1.1	<0.2
1107160	Soil	9	60	1.62	720	0.191	<1	2.62	0.030	1.22	<0.1	<0.01	5.9	0.5	<0.05	9	<0.5	<0.2
1107157	Soil	7	65	1.64	537	0.208	<1	2.84	0.027	1.28	<0.1	<0.01	6.1	0.6	<0.05	10	1.0	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

November 18, 2011

Page:

3 of 7

Part 1

CERTIFICATE OF ANALYSIS

WHI11001823.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1107162	Soil	3.6	51.7	6.7	128	0.5	25.2	6.5	277	2.29	3.4	1.3	1.3	2.6	24	0.3	0.4	0.2	112	0.16	0.042
1107161	Soil	2.0	74.7	6.0	152	0.2	39.5	10.7	339	3.16	1.6	0.9	1.3	1.9	16	0.4	0.2	0.2	81	0.13	0.021
1258457	Soil	2.4	50.6	9.8	194	0.5	49.6	8.5	198	2.46	4.6	1.7	4.3	2.9	31	1.4	0.6	0.2	62	0.27	0.069
1258460	Soil	1.7	36.6	6.4	74	0.2	24.4	7.7	202	2.34	5.6	1.8	3.6	3.3	26	0.1	0.6	0.1	53	0.29	0.064
1258455	Soil	2.3	56.7	6.6	159	0.4	34.3	10.7	234	2.42	5.0	1.5	3.5	3.0	26	1.5	0.6	0.1	60	0.22	0.065
1258458	Soil	2.0	43.1	7.4	98	0.4	25.2	5.9	143	2.27	4.7	1.6	2.7	2.4	29	0.8	0.6	0.2	52	0.23	0.056
1258459	Soil	2.3	43.0	8.0	98	0.2	28.7	9.3	256	2.56	6.0	2.6	4.5	3.3	31	0.3	0.6	0.2	58	0.34	0.073
1258456	Soil	2.5	50.9	7.0	152	0.3	34.4	8.8	178	2.19	5.5	1.5	3.9	2.9	29	1.7	0.7	0.1	59	0.20	0.064
1258453	Soil	2.2	40.2	8.0	75	0.4	23.3	7.4	169	2.18	5.5	2.0	8.5	2.6	33	0.6	0.6	0.2	60	0.33	0.064
1258454	Soil	2.5	44.2	7.7	123	0.3	29.6	12.3	240	2.31	5.8	1.8	3.7	3.0	29	1.1	0.7	0.2	62	0.33	0.058
1258470	Soil	2.2	47.9	7.5	129	0.2	41.6	11.1	292	2.88	4.0	1.0	2.8	2.5	28	0.3	0.3	0.1	87	0.15	0.060
1258452	Soil	2.0	35.9	8.0	69	0.3	27.8	8.3	176	2.05	5.3	1.6	4.6	2.9	32	0.2	0.6	0.1	65	0.36	0.047
1258469	Soil	1.4	36.0	5.0	68	0.2	13.6	3.0	114	1.68	2.1	1.0	3.0	1.8	24	<0.1	0.2	0.1	46	0.11	0.027
1258451	Soil	1.2	44.6	7.1	148	0.2	43.3	9.6	256	2.61	3.8	1.3	4.9	2.9	31	0.6	0.3	0.1	79	0.30	0.052
1258468	Soil	1.0	32.9	4.2	62	0.2	10.1	2.1	92	1.39	0.9	0.9	2.5	1.3	23	<0.1	0.2	<0.1	36	0.09	0.023
1258466	Soil	3.7	50.1	6.4	124	0.4	29.7	5.7	160	2.29	3.4	1.5	4.7	2.5	24	0.2	0.4	0.1	65	0.20	0.045
1258467	Soil	2.8	53.8	6.9	146	0.4	42.9	7.3	192	2.81	4.4	1.3	5.4	2.4	23	0.4	0.4	0.1	89	0.17	0.064
1258465	Soil	2.1	35.4	6.1	126	0.1	30.7	8.5	171	2.19	4.9	0.8	3.5	2.3	17	0.4	0.4	0.1	64	0.14	0.049
1258464	Soil	1.8	37.6	7.3	88	0.2	28.9	7.2	164	2.43	4.6	1.2	3.9	2.7	22	0.2	0.4	0.1	65	0.22	0.052
1258463	Soil	2.4	35.7	7.7	82	0.2	25.9	7.6	184	2.50	5.4	1.2	6.4	2.7	25	0.2	0.5	0.2	66	0.23	0.055
1258462	Soil	1.1	29.6	5.9	69	0.1	22.0	7.3	216	2.18	4.6	0.8	2.4	3.0	22	0.2	0.4	0.1	51	0.26	0.060
1258461	Soil	1.6	43.2	7.3	83	0.3	29.7	7.7	237	2.36	5.7	1.8	4.6	2.8	34	0.3	0.6	0.1	55	0.35	0.073
1258471	Soil	2.3	86.7	7.5	164	0.3	72.1	18.5	310	4.06	3.0	1.5	4.2	2.5	51	1.0	0.2	0.2	106	0.29	0.089
1258475	Soil	2.9	71.6	8.0	134	0.2	30.6	9.6	352	4.24	1.2	0.9	3.0	1.9	11	0.2	0.2	0.2	80	0.08	0.063
1258480	Soil	0.9	29.6	4.8	46	0.1	16.7	5.5	100	1.90	2.9	0.6	6.4	1.0	16	0.2	0.2	0.1	47	0.11	0.039
1258482	Soil	0.7	43.3	5.1	56	0.1	17.9	5.8	128	2.14	3.3	1.0	2.8	0.9	13	0.3	0.2	0.1	47	0.12	0.052
1258481	Soil	0.8	39.0	3.0	54	<0.1	16.3	5.9	99	1.84	1.0	0.5	2.9	0.7	17	0.3	0.1	<0.1	46	0.12	0.053
1258478	Soil	1.6	46.9	5.8	72	0.1	19.3	7.1	164	2.93	2.3	0.8	2.2	0.9	12	0.1	0.2	0.2	77	0.10	0.047
1258479	Soil	0.9	21.3	6.2	39	<0.1	8.1	3.3	92	1.43	3.7	0.6	3.1	0.8	14	0.1	0.2	0.1	36	0.11	0.033
1258474	Soil	3.4	109.7	8.7	128	0.1	87.5	28.8	592	5.40	0.7	1.6	0.9	4.5	71	0.2	0.1	0.2	186	0.34	0.126



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: November 18, 2011

Page: 3 of 7 Part 2

CERTIFICATE OF ANALYSIS

WHI11001823.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1107162	Soil	10	38	0.92	427	0.089	<1	1.66	0.009	0.27	0.1	0.02	2.6	0.2	<0.05	5	1.4
1107161	Soil	6	59	1.76	756	0.178	<1	2.65	0.027	1.05	<0.1	0.01	5.4	0.4	<0.05	9	1.0
1258457	Soil	13	35	0.56	955	0.098	<1	1.46	0.011	0.19	0.1	0.04	3.8	0.1	<0.05	5	2.4
1258460	Soil	11	31	0.52	968	0.089	<1	1.27	0.010	0.12	0.2	0.03	3.3	<0.1	<0.05	4	1.2
1258455	Soil	12	31	0.56	745	0.098	<1	1.40	0.010	0.22	0.1	0.04	3.3	0.1	<0.05	5	2.6
1258458	Soil	11	31	0.48	771	0.084	<1	1.39	0.011	0.14	0.1	0.04	3.2	0.1	<0.05	5	2.0
1258459	Soil	13	33	0.62	928	0.102	2	1.39	0.015	0.13	0.2	0.04	3.5	<0.1	0.05	5	1.3
1258456	Soil	11	31	0.47	684	0.081	1	1.22	0.011	0.15	0.2	0.02	3.1	0.1	0.06	4	1.5
1258453	Soil	12	30	0.47	779	0.074	<1	1.28	0.015	0.09	0.2	0.05	3.3	<0.1	<0.05	4	3.2
1258454	Soil	12	29	0.49	637	0.081	1	1.32	0.011	0.07	0.2	0.04	3.6	<0.1	<0.05	4	3.6
1258470	Soil	10	68	0.90	454	0.155	<1	1.85	0.012	0.40	0.1	0.02	3.8	0.2	0.12	7	1.1
1258452	Soil	12	34	0.48	705	0.077	<1	1.25	0.014	0.06	0.2	0.04	3.1	<0.1	<0.05	4	1.3
1258469	Soil	8	23	0.52	424	0.073	<1	0.99	0.015	0.19	<0.1	0.02	2.6	0.2	0.10	4	1.1
1258451	Soil	14	37	0.62	866	0.139	<1	1.63	0.012	0.28	0.2	0.02	4.5	0.1	<0.05	6	<0.5
1258468	Soil	6	19	0.50	400	0.065	<1	0.78	0.007	0.23	<0.1	<0.01	2.1	0.2	0.11	3	1.0
1258466	Soil	10	38	0.61	449	0.100	<1	1.16	0.010	0.22	<0.1	0.02	3.0	0.2	0.08	4	1.4
1258467	Soil	10	47	0.68	870	0.131	<1	1.56	0.008	0.30	0.1	0.02	3.7	0.2	0.08	5	1.1
1258465	Soil	9	34	0.54	298	0.087	<1	1.28	0.008	0.11	0.1	0.02	2.5	0.1	<0.05	4	1.3
1258464	Soil	10	40	0.68	608	0.122	1	1.48	0.010	0.20	0.1	0.02	3.3	0.1	<0.05	5	1.0
1258463	Soil	11	38	0.69	734	0.110	<1	1.49	0.011	0.12	0.1	0.03	3.1	0.1	0.06	5	1.1
1258462	Soil	11	29	0.50	606	0.101	1	1.12	0.012	0.18	0.2	0.02	2.9	0.1	<0.05	4	0.5
1258461	Soil	12	35	0.56	1160	0.089	1	1.26	0.012	0.17	0.1	0.04	3.5	0.1	<0.05	4	1.0
1258471	Soil	15	93	1.54	1357	0.227	<1	2.90	0.022	0.90	<0.1	0.02	5.8	0.3	<0.05	10	0.6
1258475	Soil	9	67	1.54	571	0.215	<1	2.58	0.024	1.23	<0.1	0.02	4.7	0.4	0.11	9	0.9
1258480	Soil	9	46	0.69	654	0.107	<1	1.25	0.015	0.33	0.1	0.04	2.8	0.1	0.06	6	1.1
1258482	Soil	9	44	0.79	593	0.111	<1	1.49	0.017	0.46	0.1	0.04	3.0	0.1	0.10	6	0.7
1258481	Soil	6	42	0.78	724	0.131	1	1.34	0.018	0.51	<0.1	0.04	3.4	<0.1	0.10	8	1.0
1258478	Soil	9	65	1.25	741	0.160	<1	2.06	0.027	0.84	<0.1	0.03	4.0	0.2	0.14	9	0.8
1258479	Soil	8	25	0.41	247	0.074	<1	0.92	0.010	0.22	0.2	0.05	1.7	0.1	0.08	5	<0.5
1258474	Soil	28	183	3.33	3625	0.322	<1	4.30	0.074	1.53	<0.1	<0.01	9.8	0.2	0.22	16	0.8



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

November 18, 2011

Page:

4 of 7

Part 1

CERTIFICATE OF ANALYSIS

WHI11001823.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1258476	Soil	1.2	36.5	4.9	64	0.1	21.1	7.2	139	2.24	1.6	0.7	1.8	1.2	16	0.2	0.2	0.1	56	0.12	0.048
1258473	Soil	4.7	70.0	9.1	193	0.6	61.0	10.4	198	2.98	6.9	1.8	2.6	2.5	24	1.6	0.6	0.2	93	0.17	0.080
1258477	Soil	1.2	71.6	6.1	92	0.2	53.6	16.9	214	3.73	2.1	1.1	2.2	2.0	36	0.2	0.2	0.2	118	0.19	0.076
1258472	Soil	2.9	78.6	6.7	286	0.7	129.0	14.4	415	4.17	2.0	1.5	2.8	2.3	28	1.5	0.3	0.1	106	0.55	0.085
1075170	Soil	1.4	26.1	13.3	31	1.4	5.1	1.5	169	3.76	1.2	0.8	5.9	2.4	15	<0.1	0.5	0.4	39	0.03	0.047
1075163	Soil	4.0	62.4	7.9	168	0.9	15.7	3.8	403	3.45	<0.5	2.4	2.0	2.6	49	0.5	0.2	0.2	100	0.17	0.069
1075162	Soil	2.5	71.1	5.8	149	0.6	24.6	7.1	300	3.71	<0.5	1.6	2.5	1.3	24	0.3	0.1	0.2	86	0.19	0.067
1075168	Soil	1.8	19.2	9.0	34	0.8	11.7	5.5	182	2.72	5.4	0.6	3.0	2.7	15	0.2	0.5	0.2	44	0.06	0.028
1075169	Soil	4.7	23.2	9.4	58	0.7	21.9	9.1	219	2.55	7.3	0.8	2.3	2.7	14	0.3	0.6	0.2	58	0.06	0.068
1075165	Soil	3.3	35.7	9.1	57	1.4	9.4	3.5	176	2.53	3.1	1.8	3.5	5.0	28	0.3	0.4	0.2	55	0.07	0.042
1075167	Soil	1.5	53.4	12.5	113	1.5	32.2	5.9	290	3.09	1.7	1.5	2.9	3.8	46	0.2	0.3	0.2	119	0.11	0.029
1075164	Soil	15.5	46.4	15.2	99	1.5	13.1	4.4	201	3.61	6.6	1.9	2.6	3.0	35	0.6	0.6	0.2	124	0.07	0.090
1075166	Soil	2.3	36.6	6.3	60	0.5	9.8	2.9	319	2.35	1.6	0.8	0.6	3.8	22	0.1	0.2	0.1	63	0.09	0.034
1075161	Soil	1.1	16.2	9.7	35	<0.1	14.9	5.6	129	2.11	5.7	0.7	2.3	1.8	8	0.3	0.3	0.2	57	0.07	0.031
1075184	Soil	2.6	48.3	7.4	52	0.4	16.8	5.8	151	1.97	4.2	2.1	2.4	2.8	20	0.1	0.6	0.1	74	0.13	0.052
1075181	Soil	3.1	47.1	10.4	60	0.5	25.9	9.8	195	2.68	8.1	1.3	2.1	4.3	19	0.3	0.7	0.2	73	0.08	0.039
1075182	Soil	4.3	52.4	8.3	59	0.7	18.7	5.4	172	2.12	3.3	3.1	3.1	2.7	26	0.2	0.7	0.1	90	0.16	0.097
1075183	Soil	2.5	45.9	7.0	51	0.4	16.1	5.2	145	1.90	4.4	2.0	1.1	2.8	18	0.1	0.6	0.1	70	0.13	0.050
1075155	Soil	0.5	32.8	6.2	63	<0.1	46.5	10.3	388	2.70	3.1	0.8	1.8	5.3	41	<0.1	0.1	0.1	60	0.23	0.034
1075153	Soil	0.7	36.3	9.8	80	<0.1	48.3	15.7	572	3.74	3.9	1.1	<0.5	8.6	12	<0.1	0.2	0.2	71	0.14	0.022
1075160	Soil	2.0	52.7	9.6	86	0.2	31.1	10.0	326	3.37	8.9	2.6	2.6	4.8	24	0.1	0.4	<0.1	88	0.22	0.059
1075152	Soil	0.9	34.0	10.9	78	<0.1	58.6	12.7	460	4.03	5.3	0.9	1.5	6.7	17	<0.1	0.2	0.2	86	0.19	0.024
1075154	Soil	0.7	35.4	8.9	77	<0.1	62.8	14.5	552	4.19	3.7	1.4	<0.5	9.1	23	<0.1	<0.1	<0.1	76	0.24	0.035
1075159	Soil	0.7	82.7	4.8	93	<0.1	193.1	41.2	793	6.85	2.0	0.7	6.7	1.2	33	<0.1	<0.1	<0.1	146	0.48	0.103
1075158	Soil	0.5	50.7	7.6	91	<0.1	138.5	22.6	582	4.91	2.3	1.3	<0.5	8.1	34	<0.1	<0.1	<0.1	115	0.48	0.044
1075157	Soil	0.1	42.7	7.8	101	0.2	169.2	23.0	784	5.28	0.9	1.5	<0.5	10.1	38	<0.1	<0.1	<0.1	108	0.61	0.054
1075156	Soil	0.8	44.0	11.6	93	<0.1	84.5	18.1	801	4.92	3.3	1.3	0.8	11.9	18	<0.1	0.1	0.1	85	0.20	0.044
1075151	Soil	1.1	31.4	10.4	78	<0.1	65.6	13.2	457	4.26	5.6	0.9	1.1	6.6	12	<0.1	0.1	0.1	97	0.15	0.027
1075179	Soil	1.8	81.5	6.0	137	0.6	80.8	26.1	527	4.42	2.5	1.2	2.9	3.4	70	0.2	0.3	<0.1	109	0.13	0.041
1075176	Soil	2.7	42.1	12.2	54	0.5	16.5	4.9	245	3.24	7.9	1.3	0.6	3.4	19	<0.1	0.5	0.1	84	0.11	0.084



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

November 18, 2011

Page:

4 of 7

Part 2

CERTIFICATE OF ANALYSIS

WHI11001823.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1258476	Soil	10	46	0.93	746	0.132	<1	1.59	0.022	0.59	0.1	0.03	3.4	0.2	0.11	7	0.5	<0.2
1258473	Soil	11	45	0.59	257	0.093	<1	1.88	0.009	0.11	0.2	0.04	2.9	0.1	<0.05	6	1.3	<0.2
1258477	Soil	17	109	1.91	2063	0.217	<1	2.83	0.046	0.99	<0.1	0.03	6.3	0.2	0.10	11	<0.5	<0.2
1258472	Soil	14	74	1.36	985	0.195	<1	2.53	0.022	0.69	<0.1	0.03	5.9	0.3	0.09	10	2.0	<0.2
1075170	Soil	10	27	0.71	224	0.044	<1	1.04	0.021	0.38	<0.1	0.02	1.9	0.4	0.52	4	3.1	0.3
1075163	Soil	10	46	1.34	276	0.115	<1	1.87	0.056	0.93	<0.1	0.01	3.0	0.5	0.63	7	3.8	<0.2
1075162	Soil	6	67	1.74	386	0.154	<1	2.37	0.063	1.12	<0.1	0.01	5.4	0.5	0.45	8	1.2	<0.2
1075168	Soil	7	25	0.39	204	0.044	1	1.19	0.015	0.19	<0.1	0.02	1.7	0.2	0.28	3	2.2	<0.2
1075169	Soil	11	34	0.39	456	0.040	<1	1.62	0.008	0.15	0.2	0.01	2.1	0.2	0.21	4	2.2	<0.2
1075165	Soil	17	31	0.66	255	0.058	<1	1.20	0.028	0.28	0.1	<0.01	2.2	0.4	0.30	4	7.8	<0.2
1075167	Soil	14	214	1.35	504	0.181	<1	2.98	0.018	0.24	<0.1	0.03	8.9	0.2	0.14	11	3.1	0.2
1075164	Soil	12	35	0.66	270	0.060	<1	1.66	0.049	0.25	0.4	0.02	2.0	0.3	0.37	6	5.0	<0.2
1075166	Soil	13	33	1.13	242	0.090	<1	1.79	0.021	0.27	<0.1	<0.01	2.1	0.3	0.30	5	3.1	<0.2
1075161	Soil	11	29	0.28	102	0.049	<1	1.32	0.006	0.04	0.1	0.03	1.8	0.1	<0.05	6	<0.5	<0.2
1075184	Soil	11	36	0.36	935	0.052	<1	1.26	0.008	0.04	0.2	0.02	3.0	<0.1	<0.05	4	2.1	<0.2
1075181	Soil	11	41	0.40	696	0.052	<1	2.00	0.008	0.05	0.2	0.01	3.7	0.1	<0.05	5	2.4	<0.2
1075182	Soil	12	41	0.39	1332	0.045	<1	1.19	0.008	0.07	0.2	0.04	3.2	0.1	<0.05	4	3.0	<0.2
1075183	Soil	11	34	0.34	904	0.049	<1	1.21	0.007	0.03	0.2	0.01	2.8	<0.1	<0.05	4	1.8	<0.2
1075155	Soil	23	72	1.34	530	0.199	<1	2.30	0.012	0.74	0.1	<0.01	5.9	0.4	<0.05	7	<0.5	<0.2
1075153	Soil	19	72	1.25	344	0.243	<1	3.02	0.011	0.79	<0.1	0.02	6.5	0.5	<0.05	9	<0.5	<0.2
1075160	Soil	15	46	0.72	418	0.090	1	1.86	0.018	0.18	0.2	0.03	4.1	0.2	0.10	6	1.3	<0.2
1075152	Soil	19	98	1.40	491	0.201	2	2.94	0.019	0.60	0.2	0.02	6.6	0.3	<0.05	10	0.6	<0.2
1075154	Soil	25	114	1.57	594	0.248	<1	2.93	0.015	0.85	0.1	<0.01	7.2	0.4	<0.05	10	0.7	<0.2
1075159	Soil	6	248	3.20	793	0.435	<1	3.97	0.026	1.64	<0.1	<0.01	7.7	0.5	<0.05	12	0.6	<0.2
1075158	Soil	22	234	2.78	811	0.316	1	3.74	0.039	1.10	0.1	0.01	7.9	0.5	<0.05	12	0.6	<0.2
1075157	Soil	29	260	3.32	836	0.330	<1	4.24	0.046	1.55	0.1	<0.01	11.5	0.6	<0.05	14	<0.5	<0.2
1075156	Soil	30	124	1.72	513	0.283	1	3.66	0.022	1.07	0.1	<0.01	7.3	0.5	<0.05	11	<0.5	<0.2
1075151	Soil	13	111	1.38	425	0.209	<1	2.93	0.013	0.65	0.1	0.01	6.6	0.3	<0.05	10	<0.5	<0.2
1075179	Soil	24	145	1.92	601	0.102	<1	2.97	0.013	0.14	<0.1	<0.01	8.7	0.2	0.18	10	1.6	0.2
1075176	Soil	12	45	0.76	390	0.058	1	1.78	0.017	0.09	0.1	<0.01	3.3	0.1	0.12	6	2.3	0.3



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

November 18, 2011

Page:

5 of 7

Part 1

CERTIFICATE OF ANALYSIS

WHI11001823.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
1075180	Soil	4.6	52.7	9.5	76	0.8	29.2	8.9	346	3.06	8.3	3.0	1.8	2.3	19	0.5	0.6	0.1	80	0.14	0.094
1075172	Soil	7.9	174.2	15.5	145	2.2	8.8	2.8	796	4.89	<0.5	6.1	3.1	4.8	43	0.5	0.1	0.2	308	0.08	0.084
1075173	Soil	9.3	103.1	12.5	270	1.0	46.2	5.2	411	4.08	3.0	5.4	4.3	4.8	29	1.7	0.5	0.3	191	0.25	0.130
1075175	Soil	1.6	32.8	5.6	39	0.5	11.0	2.9	255	1.61	11.1	1.0	1.3	2.4	11	<0.1	0.4	<0.1	47	0.04	0.020
1075174	Soil	2.9	42.1	8.3	64	0.5	18.0	5.8	321	2.93	5.7	1.8	3.0	3.7	28	0.1	0.3	0.1	83	0.21	0.037
1075177	Soil	2.4	61.5	11.6	83	0.5	48.8	14.0	290	3.38	8.2	1.7	2.3	4.0	11	0.3	0.6	0.1	68	0.09	0.035
1075171	Soil	8.9	142.6	10.0	234	1.1	48.7	4.4	154	4.06	0.8	4.5	3.5	2.7	33	0.6	0.4	0.3	182	0.05	0.102
1075178	Soil	9.3	61.4	10.9	112	2.1	21.7	5.7	274	4.48	2.7	2.5	1.8	2.7	42	<0.1	0.6	0.2	80	0.12	0.066
1124652	Soil	0.8	45.0	8.2	64	<0.1	55.0	16.7	322	3.66	8.3	1.1	4.7	3.7	24	<0.1	0.4	0.1	72	0.30	0.075
1124653	Soil	0.8	31.5	9.8	72	<0.1	47.1	13.2	359	3.76	9.3	1.1	1.8	6.2	18	<0.1	0.3	0.1	67	0.23	0.034
1124651	Soil	0.9	28.1	13.3	61	0.1	38.6	10.7	411	3.72	4.0	0.9	2.1	6.1	19	<0.1	0.2	0.2	64	0.16	0.020
1124655	Soil	0.8	22.7	10.9	73	<0.1	52.6	10.8	354	4.21	6.8	0.6	1.4	6.5	8	<0.1	0.2	0.1	71	0.08	0.017
1124657	Soil	0.6	27.2	11.1	56	<0.1	128.5	13.4	291	3.46	7.5	0.8	<0.5	5.2	22	<0.1	0.1	0.1	76	0.19	0.025
1124654	Soil	0.6	29.4	7.5	71	<0.1	55.8	12.4	415	3.63	8.7	1.0	4.2	7.1	18	<0.1	0.2	0.1	58	0.19	0.017
1124656	Soil	0.5	31.5	10.2	74	<0.1	120.7	16.8	582	4.16	7.6	1.4	3.2	10.2	27	<0.1	0.1	0.1	70	0.37	0.024
1124658	Soil	0.5	44.1	11.4	91	<0.1	114.8	17.3	583	4.49	1.1	1.0	<0.5	8.5	20	<0.1	<0.1	0.2	97	0.29	0.032
1124659	Soil	0.9	50.4	7.3	86	<0.1	64.6	13.1	347	3.97	3.9	0.9	2.0	5.6	15	<0.1	0.2	0.1	105	0.24	0.029
1124660	Soil	0.7	38.5	11.1	95	<0.1	92.2	17.7	722	4.54	1.5	1.1	1.0	9.1	33	<0.1	0.1	0.1	112	0.42	0.031
1124661	Soil	0.7	55.0	13.4	93	<0.1	58.1	22.8	670	3.71	4.2	0.6	1.1	5.0	8	<0.1	0.2	0.2	65	0.10	0.015
1124662	Soil	0.4	51.2	2.3	84	<0.1	99.4	26.9	831	5.71	<0.5	0.5	0.9	1.6	22	<0.1	<0.1	<0.1	133	0.56	0.079
1124677	Soil	0.5	32.4	6.8	86	<0.1	68.1	12.0	944	3.52	0.7	1.0	1.1	4.3	20	<0.1	<0.1	<0.1	84	0.36	0.028
1124676	Soil	0.5	28.8	9.1	73	0.3	25.9	9.8	702	3.09	2.2	0.9	0.9	6.0	23	0.3	0.1	0.1	61	1.09	0.070
1124679	Soil	0.8	41.2	10.4	92	0.1	47.6	14.4	582	4.59	3.3	1.0	1.0	9.0	14	<0.1	0.2	0.2	91	0.21	0.019
1124678	Soil	16.8	87.9	13.8	657	1.2	103.3	13.8	1329	4.77	4.5	3.1	3.8	4.2	28	2.6	0.5	0.8	253	0.27	0.109
1124680	Soil	1.0	36.2	13.4	97	0.3	64.0	17.5	1069	4.32	4.1	0.6	<0.5	4.8	18	0.4	0.2	0.2	101	0.21	0.035
1124681	Soil	0.8	46.7	10.6	93	<0.1	82.1	15.3	562	3.90	4.5	1.6	1.3	12.0	25	0.1	0.3	0.2	86	0.31	0.021
1124682	Soil	0.6	85.5	10.0	119	<0.1	82.2	24.6	779	4.84	0.8	1.7	0.5	18.1	28	<0.1	<0.1	0.2	120	0.35	0.050
1124683	Soil	0.5	40.5	15.0	102	<0.1	86.9	19.3	773	4.29	1.9	1.3	<0.5	11.7	20	<0.1	0.1	0.2	102	0.25	0.026
1124684	Soil	0.6	90.5	7.6	148	0.1	98.9	26.8	878	5.10	0.7	2.0	1.6	4.9	32	0.3	<0.1	0.2	137	0.67	0.104
1124663	Soil	0.5	61.4	2.8	86	<0.1	86.0	25.7	874	4.93	<0.5	0.6	1.2	2.2	28	<0.1	<0.1	<0.1	128	0.58	0.094



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

November 18, 2011

Page:

5 of 7

Part 2

CERTIFICATE OF ANALYSIS

WHI11001823.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1075180	Soil	13	37	0.55	430	0.048	<1	1.54	0.009	0.12	0.2	<0.01	2.6	0.2	0.10	4	2.9	<0.2
1075172	Soil	11	69	1.61	197	0.238	<1	2.49	0.052	1.30	<0.1	<0.01	4.2	0.8	0.77	11	17.3	0.4
1075173	Soil	24	64	0.95	693	0.087	<1	1.51	0.012	0.27	0.2	0.03	4.0	0.3	0.25	5	4.5	0.3
1075175	Soil	9	27	0.63	262	0.045	<1	1.13	0.009	0.09	<0.1	<0.01	2.2	0.1	0.12	4	2.2	<0.2
1075174	Soil	15	55	0.94	644	0.087	1	1.55	0.019	0.17	0.1	0.03	4.6	0.1	0.17	5	2.0	0.2
1075177	Soil	10	44	0.57	303	0.062	1	2.17	0.008	0.08	0.1	0.02	3.4	0.1	<0.05	7	1.2	<0.2
1075171	Soil	9	59	0.38	569	0.055	<1	1.13	0.008	0.18	0.2	0.02	4.0	0.3	0.21	4	12.3	0.3
1075178	Soil	13	61	0.90	450	0.082	<1	1.49	0.014	0.31	0.2	0.03	5.5	0.4	0.38	5	7.5	<0.2
1124652	Soil	17	70	0.94	418	0.141	<1	2.10	0.016	0.28	0.1	0.02	3.7	0.2	<0.05	7	0.9	<0.2
1124653	Soil	17	60	0.88	325	0.159	<1	2.22	0.014	0.28	0.1	0.01	4.4	0.3	<0.05	7	<0.5	<0.2
1124651	Soil	29	62	0.95	324	0.204	<1	2.39	0.013	0.60	<0.1	0.02	4.5	0.4	<0.05	8	<0.5	<0.2
1124655	Soil	11	81	1.15	207	0.250	<1	2.70	0.009	0.58	<0.1	<0.01	4.6	0.4	<0.05	10	<0.5	<0.2
1124657	Soil	21	173	1.96	459	0.166	2	2.92	0.017	0.37	<0.1	<0.01	5.8	0.2	<0.05	12	<0.5	<0.2
1124654	Soil	30	75	1.18	330	0.209	<1	2.35	0.010	0.52	<0.1	<0.01	4.7	0.4	<0.05	7	<0.5	<0.2
1124656	Soil	40	165	1.93	508	0.197	<1	3.00	0.016	0.71	0.1	0.02	7.3	0.4	<0.05	9	<0.5	<0.2
1124658	Soil	24	192	2.52	984	0.253	<1	4.01	0.022	1.43	<0.1	<0.01	10.1	0.5	<0.05	13	<0.5	<0.2
1124659	Soil	17	96	1.30	622	0.212	<1	2.60	0.012	0.56	0.1	<0.01	6.7	0.3	<0.05	9	<0.5	<0.2
1124660	Soil	36	151	2.23	1460	0.263	<1	3.73	0.025	1.15	0.2	<0.01	10.3	0.4	<0.05	12	<0.5	<0.2
1124661	Soil	8	40	1.52	1155	0.236	<1	3.01	0.010	0.62	0.1	<0.01	7.3	0.4	<0.05	11	<0.5	<0.2
1124662	Soil	11	205	2.46	1058	0.329	<1	3.04	0.021	1.46	<0.1	<0.01	12.0	1.7	<0.05	10	0.7	<0.2
1124677	Soil	21	109	1.81	803	0.202	<1	2.92	0.013	0.96	<0.1	<0.01	8.8	0.4	<0.05	9	<0.5	<0.2
1124676	Soil	20	44	2.58	395	0.174	<1	2.68	0.017	0.25	0.1	0.02	5.4	0.2	<0.05	9	0.7	<0.2
1124679	Soil	31	82	1.57	620	0.298	1	3.63	0.021	0.90	0.2	0.01	9.4	0.5	<0.05	12	<0.5	<0.2
1124678	Soil	19	55	0.62	437	0.139	1	1.75	0.012	0.40	0.2	0.03	2.4	0.2	0.10	8	1.7	0.4
1124680	Soil	13	110	1.70	665	0.246	1	3.65	0.014	0.46	0.2	0.02	6.7	0.3	<0.05	11	0.6	<0.2
1124681	Soil	45	106	1.41	657	0.258	2	3.07	0.012	0.62	0.1	0.03	8.7	0.4	<0.05	10	1.0	<0.2
1124682	Soil	45	147	2.19	1167	0.391	2	3.85	0.019	1.82	<0.1	<0.01	11.9	0.9	<0.05	13	0.7	<0.2
1124683	Soil	32	143	1.84	663	0.326	2	4.04	0.018	1.50	0.2	<0.01	10.8	0.9	<0.05	13	0.5	<0.2
1124684	Soil	22	206	3.01	1176	0.369	1	4.02	0.023	1.39	<0.1	0.02	15.8	0.6	<0.05	13	0.9	<0.2
1124663	Soil	12	176	2.43	1056	0.315	1	3.05	0.020	1.48	<0.1	0.01	13.4	1.6	<0.05	10	0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

November 18, 2011

Page:

6 of 7

Part 1

CERTIFICATE OF ANALYSIS

WHI11001823.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
1124665	Soil	2.2	78.3	16.6	81	<0.1	35.9	11.8	585	3.40	6.7	2.2	3.4	5.0	26	<0.1	0.6	0.2	92	0.20
1124666	Soil	0.9	137.8	11.3	93	<0.1	103.8	14.7	620	3.11	8.5	1.8	5.1	4.6	14	<0.1	0.5	0.2	91	0.12
1124664	Soil	1.0	27.9	11.3	56	<0.1	27.2	10.2	346	2.73	11.5	0.9	9.1	4.7	27	<0.1	0.7	0.2	60	0.28
1124667	Soil	1.0	49.9	11.6	66	<0.1	39.8	14.2	593	2.98	10.1	1.5	2.9	4.3	28	<0.1	0.7	0.2	68	0.28
1124668	Soil	1.2	59.8	12.9	72	<0.1	40.6	13.3	571	3.23	11.5	0.9	3.6	4.4	34	0.1	1.0	0.2	73	0.32
1124669	Soil	0.5	47.0	11.8	67	0.2	49.4	11.5	677	3.26	5.7	0.8	2.6	7.5	26	0.2	0.3	0.2	80	0.51
1124670	Soil	0.1	25.5	9.7	80	<0.1	196.9	19.6	542	3.56	0.8	0.9	1.5	7.9	32	<0.1	<0.1	<0.1	97	0.78
1124671	Soil	1.4	107.1	7.4	116	<0.1	59.4	17.7	598	4.71	2.1	1.5	2.4	8.5	44	0.1	0.1	0.2	147	0.78
1124672	Soil	1.3	49.3	9.3	91	<0.1	41.6	13.4	502	3.48	6.4	1.3	1.6	5.7	21	<0.1	0.4	0.2	107	0.29
1124673	Soil	1.2	57.3	12.6	115	<0.1	56.2	15.4	895	3.93	1.3	1.2	<0.5	10.4	37	<0.1	0.1	0.2	141	0.38
1124675	Soil	0.5	26.3	12.2	65	0.3	30.8	13.6	1096	2.86	4.4	0.6	<0.5	3.1	29	0.2	0.2	0.1	69	0.57
1124674	Soil	0.4	48.6	1.9	28	<0.1	80.3	12.4	239	2.25	1.0	0.2	<0.5	1.0	50	<0.1	0.1	<0.1	55	0.27
1124184	Soil	3.5	63.6	11.0	95	0.7	30.3	6.4	464	2.52	5.7	1.9	3.6	4.9	33	0.3	0.9	0.2	96	0.33
1124185	Soil	2.5	51.3	9.9	48	0.7	16.4	5.7	128	2.13	6.2	1.1	5.6	3.6	18	0.2	1.3	0.2	51	0.07
1124187	Soil	2.2	44.5	8.5	57	0.4	19.0	5.7	141	1.89	5.2	2.2	1.9	3.8	19	0.2	0.9	0.1	77	0.08
1124188	Soil	5.6	40.7	10.5	59	1.1	21.8	7.5	211	2.58	8.2	1.8	1.6	3.9	25	0.6	0.9	0.2	126	0.13
1124190	Soil	1.5	12.7	10.5	47	0.9	7.4	4.5	259	2.23	3.6	0.5	0.6	2.1	13	0.2	0.5	0.3	53	0.08
1124186	Soil	1.5	52.4	11.2	94	0.4	25.0	6.9	165	2.34	7.4	0.8	3.9	3.6	17	0.2	1.0	0.2	63	0.10
1124193	Soil	0.5	25.9	6.6	53	<0.1	21.8	15.7	358	3.24	5.5	0.7	1.1	4.4	24	<0.1	0.4	<0.1	104	0.52
1124196	Soil	0.2	26.0	4.4	51	<0.1	15.4	13.8	361	3.00	1.1	0.5	<0.5	4.4	45	<0.1	0.1	<0.1	110	1.08
1124189	Soil	4.9	51.2	7.8	89	0.6	23.1	5.4	121	1.98	5.4	2.0	1.8	3.7	24	0.4	0.9	0.1	99	0.15
1124191	Soil	1.7	63.0	8.2	91	0.4	9.3	3.5	262	2.74	2.4	1.0	3.9	2.2	15	0.1	0.3	0.2	66	0.06
1124192	Soil	0.9	51.6	4.6	78	0.2	28.6	15.4	284	3.47	2.9	0.9	1.3	3.0	62	0.1	0.3	0.1	117	0.63
1124194	Soil	0.3	34.3	3.6	51	<0.1	21.7	18.0	408	3.60	1.3	0.9	1.0	3.4	36	<0.1	<0.1	<0.1	143	0.93
1124208	Soil	4.9	102.3	9.1	99	0.3	14.2	4.9	317	2.79	4.6	3.2	11.3	3.9	35	0.4	0.8	0.2	218	0.22
1124211	Soil	3.0	66.0	6.6	103	<0.1	29.5	12.6	420	3.72	3.8	1.2	2.3	3.9	29	0.2	0.4	0.2	81	0.17
1124209	Soil	2.4	57.6	7.2	93	<0.1	19.4	7.7	453	3.39	2.8	1.3	2.2	2.5	20	0.1	0.5	0.2	58	0.16
1124213	Soil	4.7	78.3	9.3	82	0.1	26.2	11.3	326	3.36	4.2	3.2	4.7	3.7	39	<0.1	0.5	0.2	95	0.24
1124215	Soil	2.5	91.1	7.6	119	<0.1	42.1	13.1	336	3.79	2.6	1.4	0.9	2.9	29	0.2	0.4	0.2	83	0.12
1124216	Soil	1.7	44.0	9.9	92	<0.1	34.5	10.4	281	2.73	6.2	1.0	1.8	3.3	22	0.2	0.6	0.2	75	0.17



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: November 18, 2011

Page: 6 of 7 **Part** 2

CERTIFICATE OF ANALYSIS

WHI11001823.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1124665	Soil	18	37	0.58	265	0.104	1	1.47	0.011	0.18	0.2	0.04	5.6	0.3	0.10	5	1.2	<0.2
1124666	Soil	20	49	0.60	358	0.099	2	1.81	0.009	0.29	0.2	0.04	6.2	0.2	<0.05	8	0.6	<0.2
1124664	Soil	16	36	0.56	343	0.079	2	1.58	0.017	0.06	0.2	0.04	5.3	<0.1	<0.05	5	0.6	<0.2
1124667	Soil	15	40	0.63	385	0.087	2	1.75	0.015	0.06	0.2	0.07	6.2	<0.1	<0.05	5	0.7	<0.2
1124668	Soil	17	44	0.64	471	0.087	2	1.89	0.016	0.07	0.2	0.06	7.0	<0.1	<0.05	5	0.7	<0.2
1124669	Soil	34	63	1.28	621	0.201	2	2.25	0.021	0.52	0.2	0.04	7.9	0.3	<0.05	8	0.5	<0.2
1124670	Soil	27	236	2.96	871	0.228	<1	3.78	0.025	0.73	<0.1	0.01	8.4	0.3	<0.05	11	<0.5	<0.2
1124671	Soil	28	104	2.99	1799	0.346	2	4.34	0.054	1.12	0.1	0.01	15.5	0.5	<0.05	14	1.7	<0.2
1124672	Soil	25	69	1.18	597	0.215	2	2.49	0.016	0.36	0.2	0.03	8.3	0.2	<0.05	8	0.8	<0.2
1124673	Soil	32	107	2.15	1553	0.281	<1	4.28	0.026	1.10	0.2	0.01	13.1	0.5	<0.05	13	1.2	<0.2
1124675	Soil	14	41	1.71	451	0.122	1	2.58	0.015	0.05	<0.1	0.04	6.6	0.1	<0.05	7	0.7	<0.2
1124674	Soil	7	130	1.46	274	0.081	<1	2.06	0.019	0.02	<0.1	<0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1124184	Soil	20	52	0.94	974	0.104	2	1.65	0.019	0.09	0.1	0.05	5.1	0.2	<0.05	5	3.5	<0.2
1124185	Soil	10	30	0.28	1133	0.055	<1	1.41	0.006	0.04	0.1	0.02	3.7	0.1	<0.05	4	2.3	<0.2
1124187	Soil	14	42	0.42	942	0.059	1	1.31	0.010	0.06	0.2	0.03	4.6	0.1	0.05	4	3.4	<0.2
1124188	Soil	13	61	0.44	680	0.064	<1	1.96	0.011	0.08	0.3	0.04	3.5	0.2	0.09	6	4.2	<0.2
1124190	Soil	8	24	0.34	256	0.067	<1	1.03	0.014	0.10	<0.1	0.02	1.4	0.1	0.12	5	1.1	<0.2
1124186	Soil	10	36	0.36	1595	0.059	<1	1.55	0.008	0.04	0.1	0.02	3.9	<0.1	<0.05	5	1.1	<0.2
1124193	Soil	12	53	1.11	293	0.186	1	2.04	0.014	0.46	0.1	0.01	3.9	0.3	<0.05	6	<0.5	<0.2
1124196	Soil	17	48	1.31	392	0.138	1	1.88	0.020	0.80	<0.1	<0.01	3.5	0.3	<0.05	6	<0.5	<0.2
1124189	Soil	13	44	0.32	576	0.065	2	1.44	0.011	0.04	0.3	0.04	3.9	0.2	<0.05	4	3.7	<0.2
1124191	Soil	7	50	1.31	429	0.184	<1	2.07	0.022	0.84	<0.1	<0.01	3.5	0.6	0.26	6	1.4	<0.2
1124192	Soil	18	55	1.25	2103	0.241	1	2.72	0.017	0.42	<0.1	0.02	4.9	0.3	<0.05	7	0.5	<0.2
1124194	Soil	15	68	1.60	566	0.290	<1	2.09	0.018	0.86	<0.1	0.01	4.3	0.5	<0.05	6	<0.5	<0.2
1124208	Soil	19	60	1.18	544	0.147	<1	1.91	0.022	0.53	<0.1	0.03	5.6	0.3	0.24	7	1.6	<0.2
1124211	Soil	13	73	1.53	919	0.231	1	2.60	0.038	1.05	<0.1	<0.01	7.1	0.3	0.17	9	0.6	<0.2
1124209	Soil	9	38	1.29	413	0.223	<1	2.34	0.020	0.89	<0.1	<0.01	4.3	0.4	0.14	7	0.7	<0.2
1124213	Soil	14	36	1.05	337	0.158	2	2.22	0.027	0.55	0.1	0.02	5.3	0.3	0.19	7	1.0	<0.2
1124215	Soil	9	45	1.23	301	0.232	<1	2.58	0.019	1.09	<0.1	<0.01	5.1	0.4	0.11	8	<0.5	<0.2
1124216	Soil	12	37	0.74	226	0.115	<1	1.71	0.012	0.17	<0.1	0.02	3.4	<0.1	<0.05	5	0.7	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: November 18, 2011

Page: 7 of 7 Part 1

CERTIFICATE OF ANALYSIS

WHI11001823.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
1124212	Soil	4.0	60.4	12.5	81	0.3	20.7	9.3	323	3.46	4.7	1.7	1.3	2.6	50	0.2	0.4	0.2	129	0.20	0.103
1124210	Soil	2.2	42.0	8.6	56	0.2	13.3	6.3	238	3.04	5.2	0.6	5.1	2.7	16	0.3	0.4	0.3	55	0.14	0.024
1124214	Soil	1.5	21.2	10.2	85	<0.1	18.4	12.3	378	2.62	4.4	0.7	2.3	1.8	16	0.4	0.4	0.2	62	0.18	0.090
1124201	Soil	0.7	14.9	5.0	55	<0.1	20.3	24.1	701	2.01	3.7	0.5	4.0	3.0	14	0.5	0.3	0.2	50	0.34	0.113
1124202	Soil	0.4	32.9	4.6	28	<0.1	22.8	15.4	259	1.87	2.4	0.6	2.6	2.7	21	0.2	0.3	0.1	56	0.44	0.124
1124205	Soil	4.7	53.6	10.9	106	0.3	27.3	7.8	190	3.08	5.3	3.3	5.5	3.8	18	0.4	0.8	0.3	75	0.12	0.036
1124207	Soil	5.3	72.0	10.0	67	0.9	6.1	2.0	186	4.19	1.9	3.6	13.1	1.6	55	0.9	1.7	0.3	64	0.14	0.113
1124197	Soil	0.2	33.3	3.2	80	<0.1	24.2	20.2	1133	5.76	1.2	0.7	2.9	4.1	46	0.2	0.2	<0.1	179	0.89	0.242
1124198	Soil	10.3	81.0	10.0	473	2.0	87.2	9.9	238	3.67	5.7	4.0	2.6	3.8	29	1.8	0.8	0.2	258	0.63	0.280
1124195	Soil	0.1	26.0	4.1	52	<0.1	17.9	15.3	358	3.75	0.6	0.5	0.9	4.6	37	0.1	<0.1	<0.1	116	1.05	0.285
1124199	Soil	1.8	82.4	7.5	212	<0.1	72.9	21.1	352	4.62	0.8	1.0	<0.5	2.1	14	0.4	<0.1	0.2	147	0.10	0.074
1124200	Soil	1.1	12.9	8.2	41	<0.1	15.1	8.4	212	2.59	6.6	0.3	0.8	2.2	12	0.1	0.4	0.1	74	0.19	0.063
1124203	Soil	0.6	48.2	2.4	34	<0.1	26.3	23.2	337	2.79	2.0	0.5	<0.5	5.1	25	<0.1	0.1	<0.1	87	0.49	0.142
1124204	Soil	7.6	86.0	10.4	200	0.6	86.6	8.6	206	4.43	2.2	2.9	4.8	3.2	21	0.3	1.3	0.2	145	0.07	0.069
1124206	Soil	6.4	32.7	10.2	56	0.6	13.4	3.3	144	1.90	2.8	2.1	3.7	1.9	27	0.3	0.8	0.2	65	0.12	0.069
GEM 25	Soil	4.5	48.6	8.4	107	0.6	36.0	12.4	414	2.14	9.6	2.4	5.4	2.6	27	0.5	1.4	0.1	83	0.12	0.054



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: GEM
Report Date: November 18, 2011

Page: 7 of 7 **Part** 2

CERTIFICATE OF ANALYSIS

WHI11001823.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1124212	Soil	14	38	1.08	312	0.144	<1	2.27	0.026	0.37	0.2	0.01	4.2	0.3	0.24	8	1.2	<0.2
1124210	Soil	9	38	0.71	250	0.118	<1	1.62	0.012	0.27	0.1	<0.01	2.6	0.1	0.12	6	<0.5	<0.2
1124214	Soil	9	23	0.50	226	0.061	1	1.40	0.007	0.13	0.2	<0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
1124201	Soil	8	44	0.53	219	0.070	1	1.07	0.010	0.05	0.1	<0.01	2.7	0.1	<0.05	4	<0.5	<0.2
1124202	Soil	10	49	0.57	367	0.083	1	0.95	0.014	0.08	<0.1	0.02	3.7	0.1	<0.05	3	<0.5	<0.2
1124205	Soil	16	36	0.58	375	0.054	<1	1.66	0.010	0.06	0.2	0.03	2.7	0.2	0.07	5	2.2	<0.2
1124207	Soil	7	35	1.13	224	0.062	<1	1.48	0.095	0.50	0.1	0.01	2.3	0.6	0.84	5	3.4	0.3
1124197	Soil	19	79	2.01	2780	0.195	1	2.67	0.016	0.66	<0.1	<0.01	12.3	0.3	<0.05	9	<0.5	<0.2
1124198	Soil	18	79	0.59	2982	0.034	<1	2.18	0.008	0.05	0.6	0.06	3.3	<0.1	0.07	7	1.8	<0.2
1124195	Soil	16	50	1.46	415	0.159	<1	2.03	0.016	0.91	<0.1	<0.01	3.0	0.4	<0.05	6	<0.5	<0.2
1124199	Soil	7	90	1.63	539	0.256	<1	3.18	0.015	1.23	<0.1	<0.01	5.1	0.8	<0.05	10	0.8	<0.2
1124200	Soil	8	37	0.49	199	0.072	<1	1.51	0.008	0.04	0.1	0.01	2.4	0.1	<0.05	6	<0.5	<0.2
1124203	Soil	10	74	1.01	209	0.170	<1	1.48	0.015	0.29	<0.1	<0.01	3.5	0.3	<0.05	4	<0.5	<0.2
1124204	Soil	16	42	0.54	215	0.031	<1	1.47	0.004	0.05	0.2	0.03	2.9	0.2	0.09	4	4.4	0.2
1124206	Soil	15	26	0.35	242	0.032	<1	0.97	0.021	0.09	0.2	0.02	1.4	0.2	0.19	4	3.2	<0.2
GEM 25	Soil	15	31	0.36	359	0.046	<1	1.18	0.009	0.09	0.2	0.04	2.4	0.2	0.10	4	3.0	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

November 18, 2011

Page:

1 of 2

Part 1

QUALITY CONTROL REPORT

WHI11001823.1

Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																				
1107172	Soil	2.3	74.2	5.8	131	0.3	30.6	5.7	136	2.63	3.0	2.2	8.2	1.6	31	0.5	0.6	0.2	72	0.15
REP 1107172	QC	2.1	73.5	5.8	128	0.3	30.6	5.3	131	2.58	3.0	2.2	11.0	1.6	31	0.5	0.6	0.2	71	0.14
1258455	Soil	2.3	56.7	6.6	159	0.4	34.3	10.7	234	2.42	5.0	1.5	3.5	3.0	26	1.5	0.6	0.1	60	0.22
REP 1258455	QC	2.0	53.2	6.4	152	0.3	33.1	10.0	219	2.30	4.6	1.4	4.0	2.7	24	1.3	0.5	0.1	57	0.20
1258452	Soil	2.0	35.9	8.0	69	0.3	27.8	8.3	176	2.05	5.3	1.6	4.6	2.9	32	0.2	0.6	0.1	65	0.36
REP 1258452	QC	2.1	35.5	7.8	68	0.3	27.3	8.1	177	2.05	5.9	1.6	9.8	2.8	32	0.2	0.6	0.1	64	0.34
1258481	Soil	0.8	39.0	3.0	54	<0.1	16.3	5.9	99	1.84	1.0	0.5	2.9	0.7	17	0.3	0.1	<0.1	46	0.12
REP 1258481	QC	0.8	38.2	2.1	52	<0.1	14.4	5.6	95	1.85	0.6	0.5	2.8	0.8	15	0.2	0.1	0.2	46	0.12
1075175	Soil	1.6	32.8	5.6	39	0.5	11.0	2.9	255	1.61	11.1	1.0	1.3	2.4	11	<0.1	0.4	<0.1	47	0.04
REP 1075175	QC	1.5	33.4	5.4	39	0.5	11.3	2.9	252	1.60	11.0	1.0	1.2	2.5	11	<0.1	0.4	<0.1	46	0.04
1124677	Soil	0.5	32.4	6.8	86	<0.1	68.1	12.0	944	3.52	0.7	1.0	1.1	4.3	20	<0.1	<0.1	<0.1	84	0.36
REP 1124677	QC	0.5	32.3	6.5	85	<0.1	69.0	11.7	927	3.52	1.2	1.0	1.2	4.4	20	0.1	<0.1	<0.1	85	0.37
1124665	Soil	2.2	78.3	16.6	81	<0.1	35.9	11.8	585	3.40	6.7	2.2	3.4	5.0	26	<0.1	0.6	0.2	92	0.20
REP 1124665	QC	2.2	77.5	17.2	81	0.1	36.0	11.3	596	3.37	6.5	2.2	3.3	5.1	26	<0.1	0.6	0.2	91	0.20
1124188	Soil	5.6	40.7	10.5	59	1.1	21.8	7.5	211	2.58	8.2	1.8	1.6	3.9	25	0.6	0.9	0.2	126	0.13
REP 1124188	QC	5.6	39.0	10.4	57	1.1	21.3	7.2	194	2.38	8.1	1.9	1.5	3.8	24	0.7	0.8	0.2	119	0.13
1124210	Soil	2.2	42.0	8.6	56	0.2	13.3	6.3	238	3.04	5.2	0.6	5.1	2.7	16	0.3	0.4	0.3	55	0.14
REP 1124210	QC	1.9	39.8	8.6	54	0.2	13.3	5.8	237	3.00	5.3	0.6	2.9	2.5	15	0.3	0.5	0.3	53	0.13
1124200	Soil	1.1	12.9	8.2	41	<0.1	15.1	8.4	212	2.59	6.6	0.3	0.8	2.2	12	0.1	0.4	0.1	74	0.19
REP 1124200	QC	1.1	12.8	8.1	40	<0.1	14.9	8.4	209	2.52	7.0	0.3	<0.5	2.2	12	0.1	0.4	0.1	73	0.19
Reference Materials																				
STD DS8	Standard	12.4	104.5	120.0	293	1.8	36.2	7.3	565	2.31	21.8	2.5	112.6	6.1	58	2.0	5.1	5.8	39	0.61
STD DS8	Standard	12.2	103.6	121.8	299	1.7	35.7	7.1	580	2.31	24.6	2.8	108.3	6.4	63	2.2	5.4	6.6	39	0.64
STD DS8	Standard	12.5	110.1	120.1	305	1.8	36.4	7.4	595	2.38	24.6	2.7	117.0	6.6	68	2.3	5.8	6.2	42	0.65
STD DS8	Standard	12.1	102.0	117.4	297	1.9	35.9	6.6	566	2.52	23.5	2.7	109.8	6.5	56	1.9	4.7	5.5	37	0.65
STD DS8	Standard	13.3	113.0	135.2	327	1.8	39.4	8.1	647	2.86	27.0	3.1	127.8	7.7	66	2.5	5.7	6.1	44	0.75
STD DS8	Standard	13.3	121.5	128.2	314	1.8	39.1	8.0	638	2.57	25.4	3.1	112.6	8.1	75	2.5	6.5	7.3	44	0.70
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

November 18, 2011

Page:

1 of 2

Part 2

QUALITY CONTROL REPORT

WHI11001823.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1107172	Soil	7	43	1.10	685	0.127	<1	1.80	0.021	0.71	<0.1	0.07	4.3	0.4	0.10	6	1.8	<0.2
REP 1107172	QC	7	42	1.07	656	0.125	<1	1.74	0.021	0.68	<0.1	0.05	4.1	0.5	0.10	6	1.8	<0.2
1258455	Soil	12	31	0.56	745	0.098	<1	1.40	0.010	0.22	0.1	0.04	3.3	0.1	<0.05	5	2.6	<0.2
REP 1258455	QC	11	29	0.53	713	0.090	<1	1.26	0.009	0.20	0.1	0.03	3.1	<0.1	<0.05	4	2.2	<0.2
1258452	Soil	12	34	0.48	705	0.077	<1	1.25	0.014	0.06	0.2	0.04	3.1	<0.1	<0.05	4	1.3	<0.2
REP 1258452	QC	12	33	0.48	698	0.075	<1	1.25	0.016	0.06	0.2	0.05	3.1	<0.1	<0.05	4	1.3	<0.2
1258481	Soil	6	42	0.78	724	0.131	1	1.34	0.018	0.51	<0.1	0.04	3.4	<0.1	0.10	8	1.0	<0.2
REP 1258481	QC	7	40	0.77	705	0.134	<1	1.29	0.017	0.49	<0.1	0.03	3.3	0.2	0.13	8	0.6	<0.2
1075175	Soil	9	27	0.63	262	0.045	<1	1.13	0.009	0.09	<0.1	<0.01	2.2	0.1	0.12	4	2.2	<0.2
REP 1075175	QC	10	26	0.63	262	0.045	<1	1.15	0.009	0.09	<0.1	<0.01	2.2	0.1	0.13	4	1.9	<0.2
1124677	Soil	21	109	1.81	803	0.202	<1	2.92	0.013	0.96	<0.1	<0.01	8.8	0.4	<0.05	9	<0.5	<0.2
REP 1124677	QC	21	116	1.75	791	0.196	1	2.93	0.013	0.97	0.1	<0.01	8.7	0.4	<0.05	9	<0.5	<0.2
1124665	Soil	18	37	0.58	265	0.104	1	1.47	0.011	0.18	0.2	0.04	5.6	0.3	0.10	5	1.2	<0.2
REP 1124665	QC	18	43	0.59	268	0.107	2	1.45	0.013	0.19	0.2	0.03	5.6	0.3	0.08	5	1.1	<0.2
1124188	Soil	13	61	0.44	680	0.064	<1	1.96	0.011	0.08	0.3	0.04	3.5	0.2	0.09	6	4.2	<0.2
REP 1124188	QC	12	59	0.45	672	0.059	1	1.95	0.013	0.07	0.3	0.04	3.3	0.2	0.06	5	4.1	<0.2
1124210	Soil	9	38	0.71	250	0.118	<1	1.62	0.012	0.27	0.1	<0.01	2.6	0.1	0.12	6	<0.5	<0.2
REP 1124210	QC	8	37	0.71	244	0.114	<1	1.59	0.012	0.26	0.1	<0.01	2.4	0.2	0.10	6	<0.5	<0.2
1124200	Soil	8	37	0.49	199	0.072	<1	1.51	0.008	0.04	0.1	0.01	2.4	0.1	<0.05	6	<0.5	<0.2
REP 1124200	QC	8	36	0.47	201	0.074	<1	1.49	0.007	0.04	0.1	<0.01	2.3	0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	13	111	0.56	240	0.104	2	0.84	0.088	0.42	2.8	0.21	2.4	5.3	0.13	4	4.5	4.7
STD DS8	Standard	13	109	0.59	268	0.108	2	0.87	0.093	0.42	2.7	0.20	2.3	5.2	0.13	5	4.4	4.5
STD DS8	Standard	15	115	0.58	282	0.115	3	0.90	0.101	0.42	2.7	0.20	2.3	5.3	0.17	4	5.0	4.9
STD DS8	Standard	14	109	0.59	262	0.110	2	0.85	0.083	0.40	3.0	0.18	2.1	5.1	0.16	4	5.0	4.9
STD DS8	Standard	17	124	0.66	306	0.127	2	0.99	0.102	0.45	3.3	0.21	2.5	6.0	0.17	5	6.0	5.4
STD DS8	Standard	17	120	0.63	301	0.127	3	0.98	0.110	0.43	3.1	0.21	3.0	5.6	0.16	5	5.1	4.8
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

November 18, 2011

Page:

2 of 2

Part 1

QUALITY CONTROL REPORT

WHI11001823.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Ryan Gold Corp.

600 - 666 Burrard St.

Vancouver BC V6C 1H2 Canada

Project:

GEM

Report Date:

November 18, 2011

Page:

2 of 2

Part 2

QUALITY CONTROL REPORT

WHI11001823.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2