

**Assessment Report for Arimathaea North (986813  
Ontario Ltd.), South Swayze Property, Chester and  
Benneweis Townships, Porcupine Mining Division,  
Ontario, Canada**

**Performed By:**

**Trelawney Mining and Exploration Inc.**

**Mining Claims:**

**515335-515336, 538055-538059, 538082, 543823-543824, 543993, 548092,  
881269-881270, 1158643-1158644**

**NAD 83 ZONE 17**

**David Rock, B.Sc, G.I.T**

**December 7<sup>th</sup>/2012**

## Table of Contents

### **1.0 Introduction**

- 1.1 Purpose of the Report
- 1.2 Overview of the Arimathaea North Project
- 1.3 Land Tender Agreement

### **2.0 Accessibility, Climate, and Physiography**

- 2.1 Accessibility
- 2.2 Climate and Physiography

### **3.0 Property Description and Location**

- 3.1 Description and Location

### **4.0 Geological Setting**

- 4.1 Regional Geology
- 4.2 Local Geology

### **5.0 Exploration History**

- 5.1 Overview

### **6.0 Summary of Work**

- 6.1 Work Completed-2012

### **7.0 Lithology, Structure, Alteration, Mineralization, Veining**

- 7.1 Lithologies
- 7.2 Structure
- 7.3 Alteration
- 7.4 Mineralization
- 7.5 Veining

### **8.0 Conclusions and Recommendations**

- 8.1 Conclusions
- 8.2 Recommendations

**References**

**Statement of Qualifications**

**List of Figures**

**Figure 1: Location Map**

**Figure 2: Property Location**

**Figure 3: Abitibi Greenstone Belt-Geology**

**Figure 4: Historical Workings and Mineralized Areas**

**List of Tables**

**Table 1: Summary of Claims**

**Table 2: List of Survey Workers with Qualifications**

**Table 3: Lithological Units**

**List of Appendices**

**Appendix A: Sample UTM Locations**

**Appendix B: Sample Locations**

**Appendix C: Assay Certificates**

## **1.0 Introduction**

### **1.1 Purpose of the Report**

This report has been prepared to meet the requirements for the filing of Assessment Work under the provisions of the Ontario Mining Act. The report describes results from a surface exploration program performed by Trelawney Mining and Exploration Inc. in Chester Township, within part of Trelawney Mining and Exploration Inc.'s South Swayze East Property, Porcupine Mining District, Ontario.

### **1.2 Overview of the Arimathaea North Project**

Fifteen geology students conducted a prospecting and mapping program from April-September 2012 and collected a total of 169 grab samples. These samples were analyzed for gold. Historical trenches and mineralization were investigated during the program. Supervision of the program was overseen directly by the Project Geologist and VP Exploration.

### **1.3 Land Tender Agreement**

986813 Ontario Limited has 100% ownership of the 16 unpatented claims that compose the Arimathaea North ground. A list of the entire claim group can be found in Table 1 below:

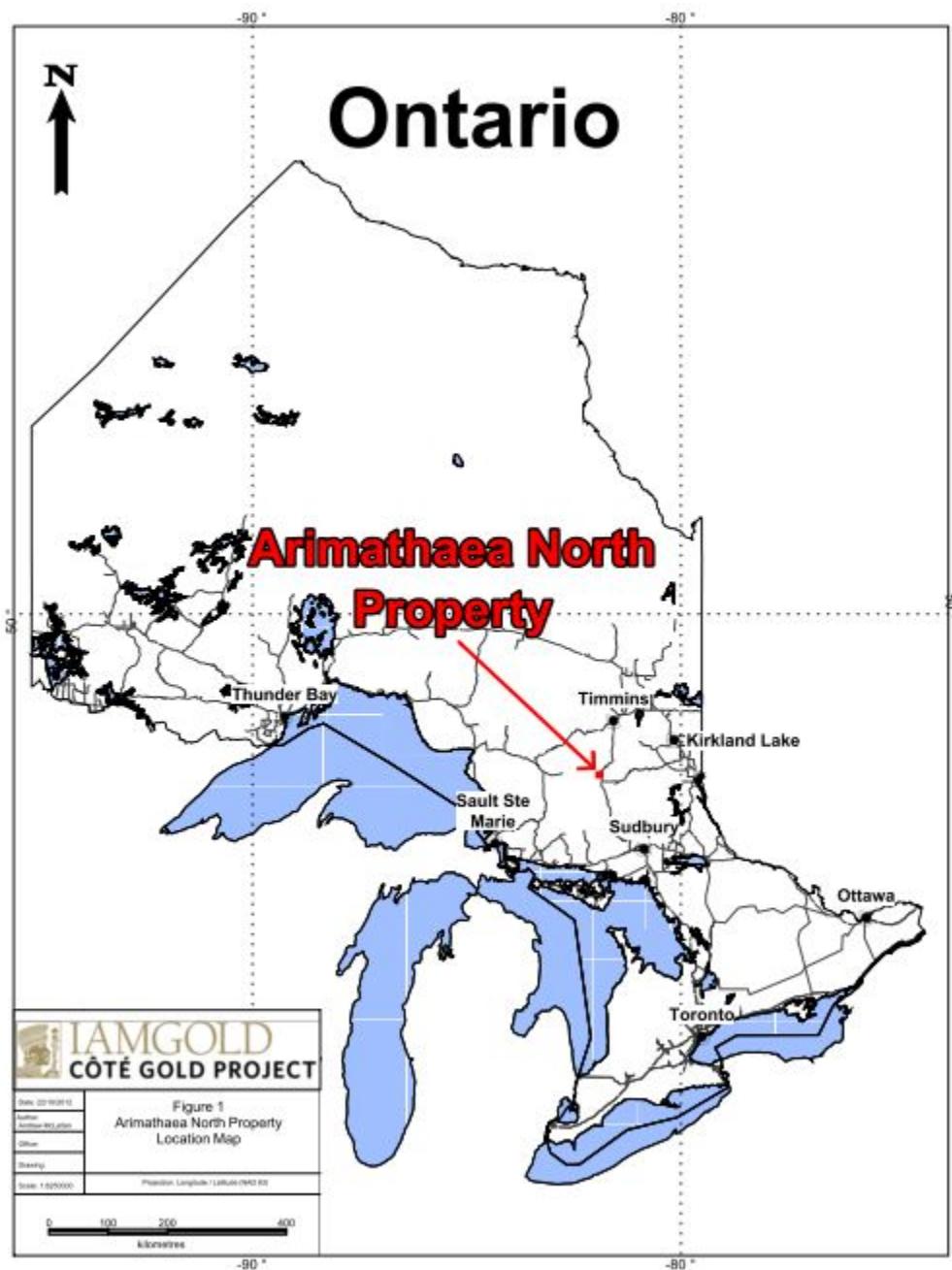
Table 1: Summary of Claims

Township	Claim Number	Claim Size (Claim Units)	Claim Due Date	Percent Option
CHESTER	515335	1	9-Jan-13	100% Ontario 986813
CHESTER	515336	1	9-Jan-13	100% Ontario 986813
CHESTER	538055	1	24-Apr-13	100% Ontario 986813
CHESTER	538056	1	24-Apr-13	100% Ontario 986813
CHESTER	538057	1	24-Apr-13	100% Ontario 986813
CHESTER	538058	1	24-Apr-13	100% Ontario 986813
CHESTER	538059	1	24-Apr-13	100% Ontario 986813
CHESTER	538082	1	24-Apr-13	100% Ontario 986813
CHESTER	543823	1	24-Apr-13	100% Ontario 986813
CHESTER	543824	1	24-Apr-13	100% Ontario 986813
CHESTER	543993	1	24-Apr-13	100% Ontario 986813
CHESTER	548092	1	4-Jun-13	100% Ontario 986813
CHESTER	1158643	1	9-Feb-14	100% Ontario 986813
CHESTER	1158644	1	9-Feb-14	100% Ontario 986813
CHESTER	881269	1	12-Oct-19	100% Ontario 986813
CHESTER	881270	1	12-Oct-19	100% Ontario 986813

## 2.0 Accessibility, Climate, and Physiography

### 2.1 Accessibility

The Arimathaea North Property covers approximately 1.77km<sup>2</sup> between Bagsverd Lake and Mesomikenda Lake to the west of Highway #144, halfway between Timmins and Sudbury. The property is located 19km southwest of Gogama shown in Figure 1.



Access to the property is through the Chester #1 Access Road, which begins at a point 1.9km down Mesomikenda Lake Road from Highway #144. Mesomikenda Lake Road is located 10km north of the junction between Hwy #144 and Hwy #560. The property's south boundary is located 10m north of an old, unnamed road that splits from the Chester #1 Access Road after 3.2km.

## **2.2 Climate and Physiography**

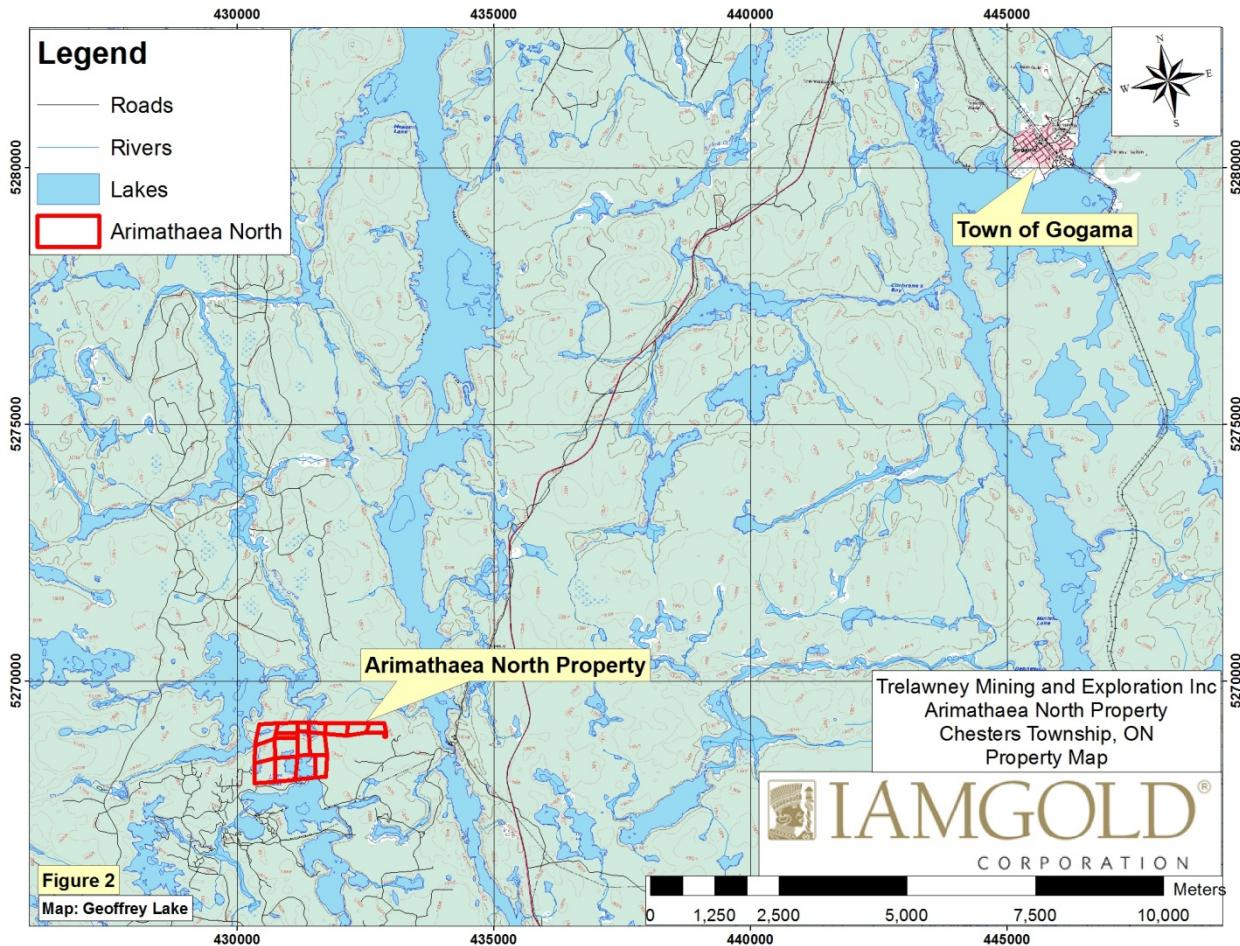
The climate on the Arimathaea North Property is similar to that of Timmins, located 140km to the north. Environment Canada indicates that the 10-year temperature range is from +38.9 °C to -45.6 °C. The average annual precipitation in the form of snow and rain is approximately 85cm and falls evenly throughout the year.

The Arimathaea North Property is typical of this part of Northern Ontario, with extensive tree cover and limited topographic relief, accompanied by local swamps.

### 3.0 Property Description and Location

#### 3.1 Description and Location

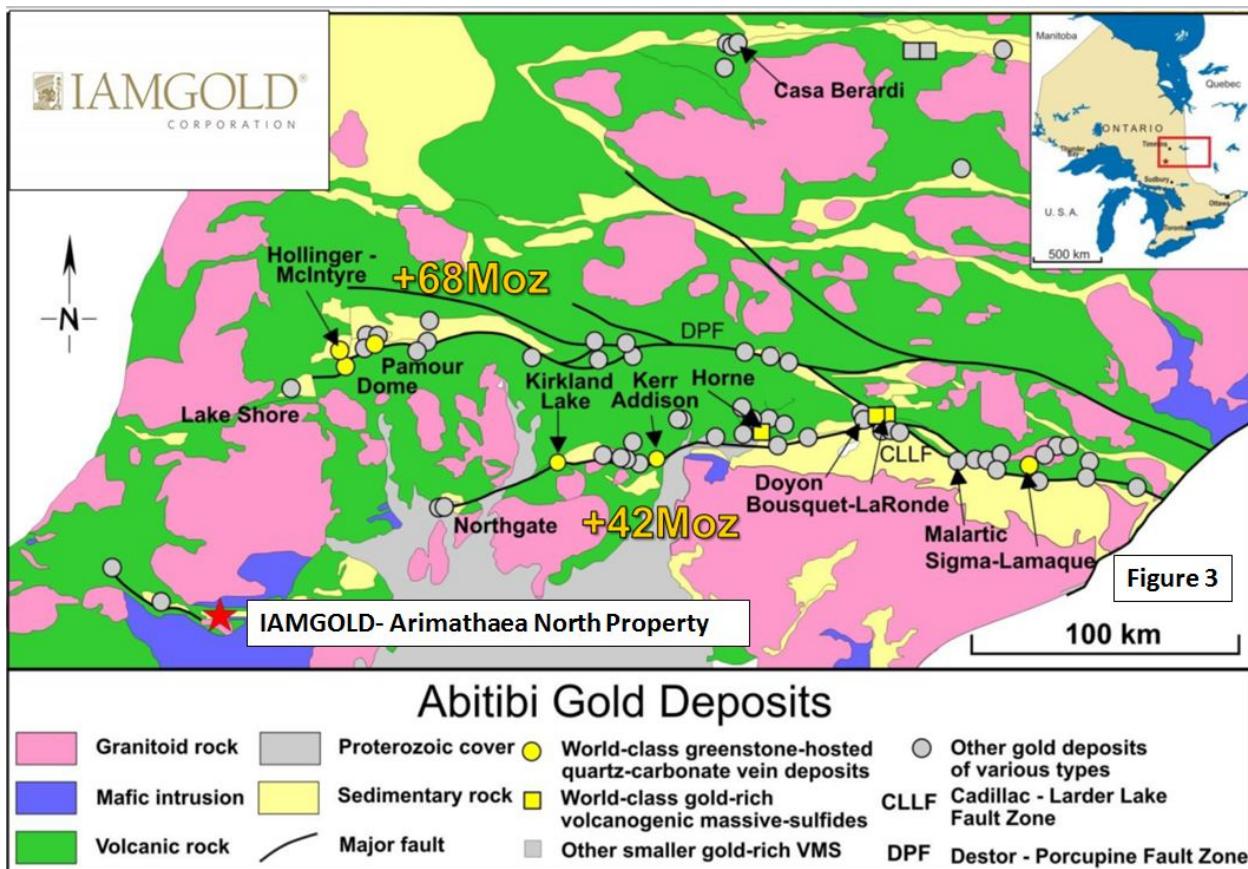
The Arimathaea North Property is centered at the UTM of 431081m 5268580m N, and consists of 176.87 hectares of continuous mining claims extending easterly over a 2.5km length in Chester Township shown in Figure 2.



## 4.0 Geological Setting

### 4.1 Regional Geology

The Arimathaea North Property owned by Trelawney Mining and Exploration Inc. is located in the southeastern corner of the Swayze Greenstone Belt, the southwest extension of the larger Abitibi greenstone belt. The Swayze Belt is composed of Late Archean metavolcanic and metasedimentary rocks as well as a variety of intrusive rocks ranging from ultramafic to felsic in composition. Paleoproterozoic diabase dikes can be found crosscutting the entire Belt. This greenstone assemblage underwent significant and complex folding, resulting in multiple foliations, high strain zones, and various brittle structures. Metamorphic grade ranges from sub-greenschist to amphibole condition throughout the Belt. Figure 3 shows the Arimathaea North Property in relation to both the Swayze and Abitibi Greenstone Belts.



### 4.2 Local Geology

The Arimathaea North Property lies in the 2740 Ma Chester Intrusive Complex (Kontak, et, al., 2011), located at the southeast end of the Swayze Greenstone Belt. The Arimathaea Property is composed of a mixture of diorite intrusive, a variety of altered tonalites, and felsic schists. These are cut by diabase dykes, lamprophyre dykes, and various mafic dykes.

## **5.0 Exploration History**

### **5.1 Summary of Historical Work**

The area surrounding the Arimathaea North Property has had various amounts of work since the turn of the century. The following is a summary for the work done in the Chester Township, which contains the Arimathaea North Property:

Prospecting and exploration activity in the vicinity of the Arimathaea North Property began about 1900 and has continued sporadically to the present time. The first discovery of note was the Lawrence copper prospect on the east shore of Mesomikenda Lake in 1910. Particular interest in the area was sparked in 1930 when Alfred Gosselin found a spectacular showing of native gold on the east shore of Three Duck Lake. Activity was fairly intense through to the early 1940s with a significant amount of prospecting and trenching plus the sinking of a few shallow shafts and some very minor production. Through to the late 1960s, there was little or no work performed. From the early 1970s to about 1990, there was a great deal of surface work performed along with limited underground investigations. Since that time, fragmented property ownership has precluded any major programs.

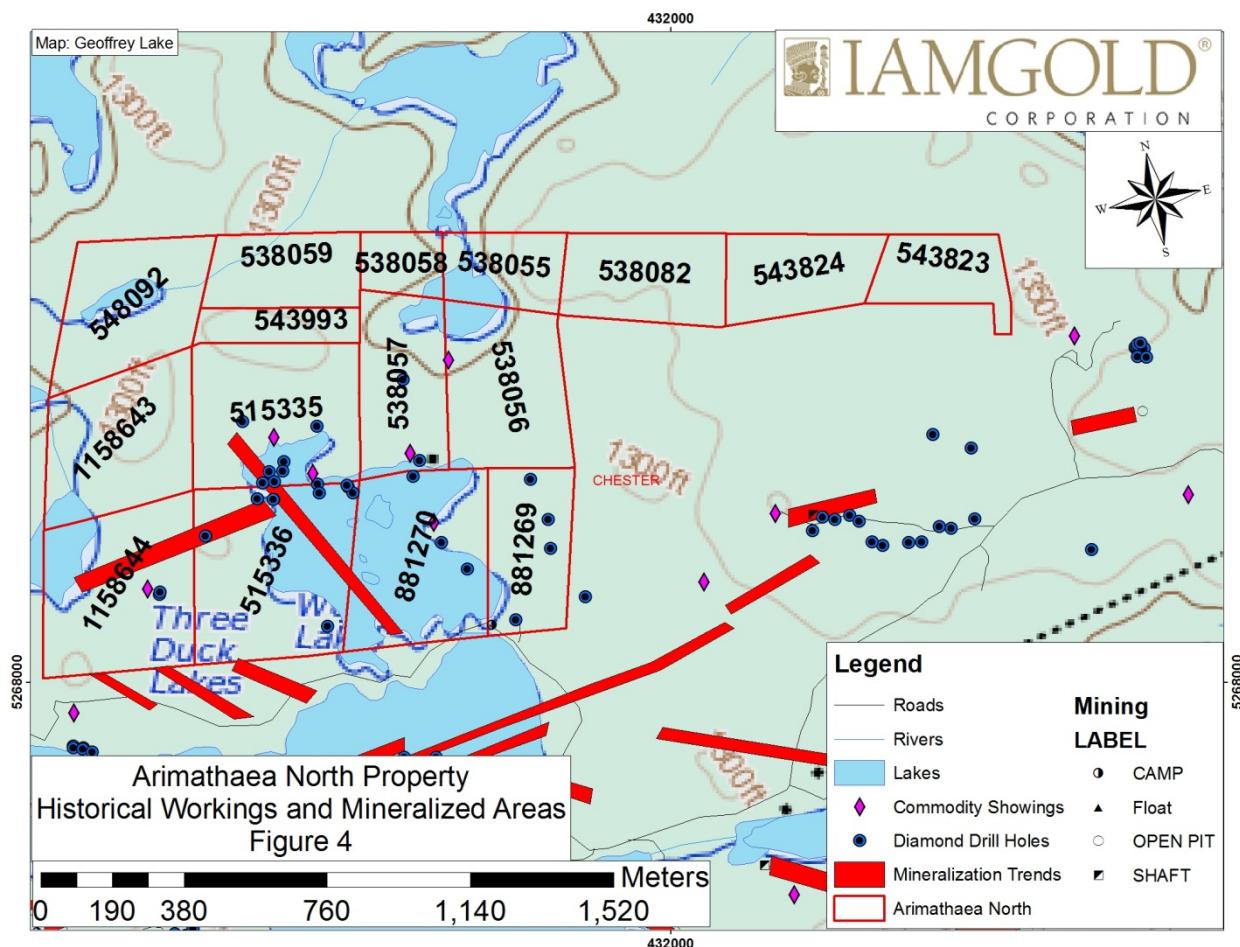
With the consolidation of control of a group of properties by Trelawney Mining and Exploration Inc. (then Treelawn Investment Corp.) in 2006, a reappraisal of the potential of several interesting gold prospects has become possible. For the period 1979 to 1989, the two areas that received the most work were what are referred to as the Jack Rabbit property and the Murgold-Chesbar property.

Jack Rabbit occurs on Lease CLM 266 and has two mineralized zones designated as Zone 1 and Zone 3. Zone 1 has been tested by approximately 90 drill holes totaling about 12,800 m. The zone was investigated along 550 m of strike and to a depth of 180 m below surface. Zone 3 was investigated by 97 drill holes totaling at least 12,300 m. This zone has been followed for 365m along strike and for 180 m below surface.

The Murgold-Chesbar property, located south of Jack Rabbit, is comprised of Lease CLM 270 and Patent 1222832. Prior to the decade noted above, this property had been worked by a number of operators who drilled at least 40 diamond drill holes (5,000 m) as they investigated three different prospects, Kingsbridge, Gomak and Strathmore (No. 3 zone). Two shallow shafts were sunk, Gomak (the deepest at 116 ft.) on the Gomak zone, and the Strathmore on the No. 3 zone. Limited development was done from each shaft and 1,387 tons were mined from the Gomak workings in 1936.

Murgold Resources Inc. (Murgold) acquired the subject properties in 1979 and concentrated much of its effort on the No 3 zone, also known as the Strathmore prospect. Murgold dewatered and investigated the Strathmore workings and also sank the Bates shaft on the same structure 380 m to the northwest. Through 1985, they had drilled 60 holes totaling about 4,200 m.

In 1986, Chesbar Resources Inc. (Chesbar) assumed management of the program and to 1988 drilled 56 holes totaling 5,800 m on the No. 3 vein system. Chesbar's main effort from 1986 was the driving of a decline to investigate the No. 3 vein system. When completed in 1988, the ramp was 1,676 m in total length and had reached a depth of 162 m. It had investigated the zone from east of the Strathmore Shaft to west of the Watts Zone, the western surface extent of the No. 3 vein system, a distance of 810 m and had looked at the main mineralization on three levels to a depth of 152 m. Numerous exploration raises and drifts had been driven to sample the veins. A total of 13,715 m of surface drilling and 16,154 m of underground drilling had been completed. In April 1989, an 11,000 ton surface stockpile was shipped to a custom mill in Timmins, but the recoveries from this test sample are not known. The property has been idle since that time. Figure 4 indicates those historical workings, and mineralized zones in the Chester Township.



## **6.0 Summary of Work**

### **6.1 Work Completed-2012**

During the 2012 summer months (April-September) Trelawney field personnel conducted a prospecting and mapping program over the Arimathaea North Property. This mapping and prospecting program consisted of 169 rock grab samples collected by teams of geologists and geology students. Appendix B shows these sample locations.

Outcrops mapped by Trelawney field personnel were digitized into an ArcGIS database. Two samples were taken at each location; one was for analyses and another for representation. These were transported to Accurassay in sealed bags by Trelawney personnel. A standard was sent with every 12<sup>th</sup> samples for quality assurance and quality control (QA/QC). A GPS waypoint was taken at each station (see Appendix A), as well as a rock description including significant geologic information. These were later compiled together in an Excel spreadsheet and imported into an ArcGIS database. The assay certificates for all samples are available in Appendix C. Survey workers and supervisors are shown in Table 2 below:

Table 2: List of Survey Workers with Qualifications

Name	Qualification	Position
David Beilhartz	B.Sc, P.Geo	VP Exploration
Marie-France Bugnon	M.Sc, B.Sc, P.Geo	General Manager Exploration
Jay Jackson	B.Sc, P.Geo	District Manager
David Rock	B.Sc, G.I.T.	Project Geologist
Geoff Lake	B.Sc	Assistant Project Geologist
Amanda Markmeyer	B.Sc	Geology Student
Adam Waram	B.Sc	Geology Student
Jordan Kesek	B.Sc	Geology Student
Ragu Gounder	B.Sc	Geology Student
Nezam Ayam	B.Sc	Geology Student
Joycelyn Smith	B.Sc	Geology Student
Colin Dunham	B.Sc	Geology Student
Rachel Chouinard	B.Sc	Geology Student
Jordan Keir-Sage	B.Sc	Geology Student
Jason Kosec	B.Sc	Geology Student
Alex Wytiahowsky	B.Sc	Geology Student
Andrew Shea	B.Sc	Geology Student
Jennifer Macdonald	B.Sc	Geology Student
Erik Bobechko	B.Sc	Geology Student

## 7.0 Lithology, Structure, Alteration, Mineralization, Veining

### 7.1 Lithologies

Table 3 below summarizes the lithological units observed on the property:

Table 3: Lithological Units

Rock Type	Description
Diorite	Diorite is medium to coarse grained, can be locally pegmatitic and consists of plagioclase (30-50%), amphiboles (10-30%), biotite (0-15%) and minor quartz content (0-5%) with accessory minerals including magnetite, ilmenite, tourmaline, zircon and apatite. Both pyrite and chalcopyrite are found disseminated, fracture controlled and vein controlled. Pyrrhotite can also occur but is less common and found in a blotchy fashion when present. Potassic alteration is common in diorite seen as biotite spots, 2mm-4mm in size, or pervasive through the rock giving the diorite a fine grained very mafic look. Stockworks are not as common in the diorite as in the tonalite. The pink alteration within the plagioclase is attributed to hematite alteration. Epidote alteration may also be found in plagioclase crystals giving the unit a green colour.
Tonalite	Generally medium grained and inequigranular, but locally fine or coarse grained. Tonalite consists of mainly quartz (40-50%) and plagioclase (60-50%) with all other minerals being alteration. The colour of tonalite rocks varies greatly depending on alteration. Accessory minerals include magnetite, titanite, rutile, tourmaline, leucoxene, zircon and apatite. Tonalite may be heavily fractured which tends to coincide with increased alteration. The most common alteration is biotite/chlorite alteration which is generally spotty (1mm-4mm) but can form large clots (several cm's in size). This potassic alteration may be as little as 1% biotite to >50% biotite giving the rock a dark grey appearance due to alteration. Biotite alteration is also commonly found along fractures, called stockworks. Sodic/silicification alteration bleaches the tonalite white, obliterating any primary texture present and often accompanied by leucoxene. This alteration is evident in its early stages by sodic/silicification haloes surrounding fractures. Sericite or phyllitic alteration is often fracture controlled and forms fine grained light green/grey sericite. Sericite may also be pervasive in some rocks and forms dark grey grains that make the tonalite look more mafic. Sericite may also be found as alteration haloes surrounding quartz carbonate veins. Hematite alteration varies from light pink coloured (often making the plagioclase look like potassium feldspar) to a very dark red colour. Hematite is generally pervasive, and can also be found along quartz carbonate veins and in fractures. Epidote alteration generally alters plagioclase giving it a light green colour. Epidote is most

	commonly seen along fractures and may alter along quartz carbonate veins. Mineralization present is pyrite and chalcopyrite which can be disseminated within the tonalite often associated with the biotite spotted alteration. Pyrite and chalcopyrite are also fracture controlled and found along quartz carbonate veins.
Diorite Breccia	These units are composed of a diorite matrix and tonalite clasts. Tonalite clasts are angular to subrounded generally and contain sharp to diffuse contacts with the matrix. Tonalite clasts have been found to potassic, hematitic, sodic and epidote altered, but not phyllitic or sericite altered. Tonalite clasts range in size from <1cm up to >30cm in some cases. Occasionally diorite clasts are also found with tonalite clasts in a diorite matrix, however, this is rare. The matrix can be medium to coarse grained diorite and is often slightly epidote altered. However, often the matrix is composed of fine grained biotite/chlorite due to alteration. The ratio of clasts to matrix varies greatly, but is usually 40:60. Mineralization is present in the tonalite clasts as disseminated pyrite and chalcopyrite or along fractures. In the matrix, mineralization is often disseminated. Mineralization is also seen in quartz carbonate veins. The breccia unit is the most important unit in terms of gold mineralization.
Lamprophyre Dyke	This dyke is relatively rare, but cuts through all the units. It may be distinguished from the mafic dykes by the biotite phenocrysts that usually contain an orientation. It is a mafic rock composed primarily of micas (60%) and pyroxene (30%) with minor other minerals (amphibole, plagioclase feldspar). They are rarely magnetic and appear black or dark green. There is generally no mineralization associated with these dykes.
Matachewan Dyke	These dikes are basically the same as the diabase dykes. However, they contain phenocrysts of plagioclase with a glomeroporphyritic texture which range from a few mm's to over a cm in size. These plagioclase phenocrysts are often green due to pervasive epidote alteration, called saussuritization.
Diabase Dyke	Diabase is fine grained to medium grained and black in colour. Diabase often forms large dikes that cut through the main units. Diabase is homogeneous and massive and is composed primarily of plagioclase (65%), pyroxene (25%), and minor olivine with minor amounts of magnetite, ilmenite, biotite, calcite, and hornblende. Diabase is weakly magnetic to highly magnetic, rarely non-magnetic. Quartz carbonate veins can cut through diabase and can be associated with chloritization. Fine to medium grained disseminated pyrite is rare.
Mafic Dyke	There are several mafic dykes that cross cut the main units. They are generally fine to medium grained, dark green, black or reddish black. Mafic dykes often contain strong foliation and look sheared. They may even show deformation, such as crenulations. Dykes are often altered, and the dark green colour is often due to abundant fine grained chlorite and the reddish colour in some dykes is due to strong hematite within the dikes. Quartz

	carbonate veins often cut through dykes and are unmineralized. Mineralization is not common in the dykes, but disseminated pyrite may be observed.
Tonalite Breccia	Tonalite Breccia is not a common unit within the area, but can appear at contacts where changes in lithology occur. The unit is characterized by coarse-grained tonalitic matrix boundaries. Clasts can range in size from ~1-5cm in size. The unit is very weakly mineralized with trace disseminated pyrite +/- chalcopyrite and is cross cut by hairline quartz carbonate veining, with an equigranular hypidiomorphic texture with subangular to well-rounded fine to weakly porphyritic mafic clasts with sharp to diffuse veining, mafic dikes and weak shearing/jointing. No foliation/fabric within the tonalitic matrix, only a massive structure. Unit commonly shows pervasive hematite alteration, pervasive interstitial chlorite alteration and minor epidote alteration.
Feldspar Porphyry	Dikes characterized by dark grey to slightly brownish color and an intermediate to felsic composition. They are massive to foliated with porphyritic texture characterized by 10 to 20% phenocrysts of feldspar within a fine grained groundmass. Feldspar porphyry dykes have sharp contacts and commonly show weak to strong hematization + chloritization. Some contain trace disseminated pyrite.
Fault Zone/Fault Breccia/Fault Gouge	Fault zones are commonly bleached to a whitish to pinkish color. They can contain fault breccia with angular tonalite, mafic and quartz fragments and can be annealed by quartz veining and silica flooding. Hematite, chlorite, carbonate and epidote alteration are common. Chalcopyrite and pyrite mineralization are commonly found within these zones. Argillic alteration and fault gouge/rock flour are also found within these zones. The unit can be very porous and vuggy due to the circulation of acidic fluids.

## 7.2 Structures

The Arimathaea North Property contains a number of chloritic, carbonatized shear zones that may be related to the Ridout Deformation Zone (RDZ), a possible extension of the Cadillac-Larder Lake deformation zone which strikes east just north of the property. Shear offsets strike east or southeast are also present, most frequently in the southeast part of the property. Many shear zones have been mapped as mafic dykes. Several late diabase dykes strike north-northwest and are present ranging from veinlets to tens of meters wide.

## 7.3 Alteration

Various alteration phases occur in separate areas of the survey with all being related to four distinct hydrothermal alteration events. Two main alteration styles are pervasive while two others are restricted to vein/veinlets. Regionally, units are affected by a texture destructive

sodic alteration, marked by the presence of albite, sericite and intense silicification. Units can be potassically altered, on a regional or local scale, as indicated through a large increase in biotite. Hematization of various intensity also occurs with other alteration phases. Locally, units can have a phyllitic, or propylitic alteration style, generally represented as a halo adjacent to veins. Minor carbonitization is observed very locally.

#### **7.4 Mineralization**

Most mineralization is vein and fracture controlled, and chalcopyrite, pyrite, pyrrhotite, and molybdenite were observed. Mineralization also occurs along shear fractures, brecciated areas, and in disseminated form. Breccia units can carry mineralization in both fragments, and matrix, or in both.

#### **7.5 Veining**

Quartz, quartz carbonate, and chlorite-rich veins cut most lithologies and are normally narrow (~5) but can be up to 30cm wide and can be bracketed by alteration halos that are phyllitic alteration. Sets of parallel veins can occur along hundreds or meters of strike length. Outcrop is limited by detailed structural mapping increasing.

## **8.0 Conclusions and Recommendations**

### **8.1 Conclusions**

Trelawney Mining and Exploration Inc. personnel collected 169 rock samples over a period of five months on the Arimathaea North Property in the Chester Township. Ten samples returned background Au values with the highest yielding 1.31g/t Au and lowest 0.055 g/t Au. The exploration program covered 100% of the Property. All samples were documented, digitalized, and stored in an ArcGIS database. In addition, all samples were collected, prepared, and shipped by Trelawney Mining and Exploration Inc. employees.

### **8.2 Recommendations**

In order to fully expose the gold potential of the Arimathaea North Property, further work is necessary. Initially, a geophysical program could be run over the entire property and would include EM, airborne magnetics, ground magnetics, and induced polarization (IP) surveys, followed by mapping, prospecting and detailed sampling. The stripping of outcrops based on anomalies would allow the delineation of structure controlling Au mineralization and may lead to a small drill program.

## **References**

Roscoe, W.E., Cook, B.R., 2012: Technical Report on the Côté Lake Resource Update, Chester Property, Ontario, Canada, NI43-101 Report

Kontak, D.J., Creaser, R.A., Hamilton, M., 2011: Geological and Geochemical Studies of the Côté Lake Au(-Cu) Deposit Area, Chester Township, Northern Ontario

## **Statement of Qualifications**

David Rock, B. Sc, G.I.T.

Tel: (705)-207-6890

Email:

Address: 3 Mesomikenda Lake Rd  
PO Box 100  
Gogama, ON, Canada  
P0M 1W0

I, David Rock, G.I.T., do hereby certify that:

1. I have been a geologist-in-training for IAMGOLD Corporation, and formerly Trelawney Mining and Exploration Inc., since April 27<sup>th</sup>, 2010.
2. I graduated with a B.Sc majoring in Geology from Laurentian University in 2012.
3. I am a certified member of the Association of Professional Geoscientists of Ontario (Member 7199).
4. I have worked as a geologist-in-training for six months since graduating from university.
5. I am responsible for the preparation of this assessment report.
6. I have been involved with the Arimathaea North Property exploration program of IAMGOLD Corporation since early 2012 and was on site from April 2012 through October 2012.

Dated this seventeenth day of December, 2012

David Rock, B.Sc. G.I.T.  
Geologist-In-Training  
IAMGOLD Corporation

### **Appendix A- Sample UTM Locations**

Sample	UTM Easting	UTM Northing
1330507	430405	5268021
1330508	430809	5268620
1330509	430831	5268620
1330510	430827	5268542
1330511	430838	5268484
1330513	430867	5268422
1330514	430867	5268422
1330515	432863	5268917
1330516	432867	5268940
1330517	432876	5269040
1330518	432853	5269092
1330519	432845	5269120
1330520	432833	5269171
1330521	432761	5269175
1330522	432739	5269165
1330523	432668	5269071
1330525	432591	5269045
1330526	432516	5268982
1330527	432510	5269056
1330528	432465	5269140
1330529	432427	5269198
1330530	432456	5269273
1330531	432125	5268970
1330532	432071	5268950
1330533	431991	5268959
1330534	431966	5269013
1330535	431988	5269080
1330537	432020	5269163
1330538	432141	5269155
1330539	432139	5269159
1330540	432204	5269141
1330541	432306	5269040
1330542	432257	5268967
1330543	431579	5268960
1330544	431578	5268960
1330545	431593	5269026
1330546	431578	5269024
1330547	431591	5269027

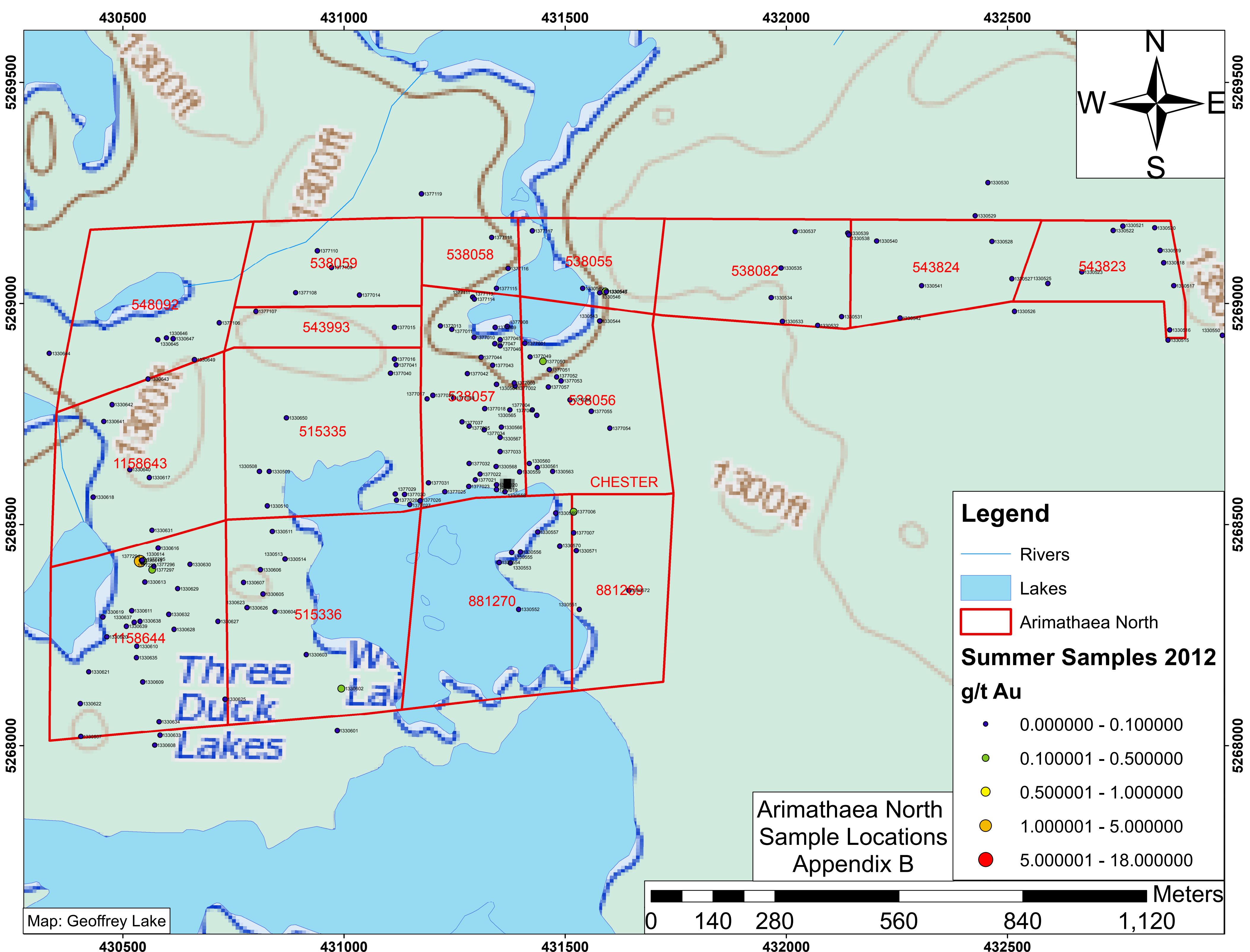
1330549	431540	5269034
1330550	432986	5268928
1330551	431532	5268308
1330552	431395	5268308
1330553	431376	5268413
1330554	431351	5268414
1330555	431379	5268437
1330556	431399	5268438
1330557	431438	5268483
1330558	431364	5268574
1330559	431397	5268619
1330560	431419	5268638
1330561	431437	5268629
1330563	431472	5268620
1330564	431345	5268817
1330565	431375	5268759
1330566	431356	5268720
1330567	431353	5268697
1330568	431344	5268631
1330569	431479	5268526
1330570	431488	5268451
1330571	431525	5268441
1330572	431644	5268351
1330601	430985	5268034
1330602	430994	5268129
1330603	430915	5268206
1330604	430844	5268303
1330605	430817	5268343
1330606	430811	5268398
1330607	430773	5268369
1330608	430572	5268001
1330609	430545	5268144
1330610	430532	5268225
1330611	430520	5268305
1330613	430550	5268370
1330614	430539	5268417
1330615	430542	5268419
1330616	430580	5268447
1330617	430560	5268606
1330618	430433	5268562
1330619	430455	5268291

1330620	430464	5268246
1330621	430423	5268167
1330622	430404	5268095
1330623	430781	5268312
1330625	430731	5268105
1330626	430781	5268312
1330627	430715	5268281
1330628	430616	5268263
1330629	430624	5268355
1330630	430652	5268410
1330631	430566	5268487
1330632	430604	5268297
1330633	430584	5268024
1330634	430582	5268054
1330635	430531	5268199
1330637	430526	5268279
1330638	430539	5268281
1330639	430508	5268270
1330640	430516	5268624
1330641	430457	5268733
1330642	430476	5268771
1330643	430557	5268829
1330644	430334	5268887
1330645	430579	5268918
1330646	430599	5268922
1330647	430614	5268920
1330649	430662	5268873
1330650	430870	5268741
1330787	433319	5265017
1330788	433312	5264979
1330789	433265	5264943
1330790	433126	5264984
1330791	433060	5264967
1330792	433042	5264942
1330793	432993	5264911
1377001	431409	5268910
1377002	431387	5268813
1377003	431385	5268820
1377004	431426	5268759
1377005	431436	5268747
1377006	431519	5268529

1377007	431519	5268481
1377008	431369	5268948
1377009	431342	5268946
1377010	431294	5268923
1377011	431244	5268941
1377013	431218	5268949
1377014	431035	5269019
1377015	431114	5268946
1377016	431114	5268874
1377017	431188	5268784
1377018	431318	5268762
1377019	431345	5268579
1377020	431345	5268590
1377021	431297	5268601
1377022	431308	5268614
1377023	431282	5268586
1377025	431228	5268574
1377026	431172	5268554
1377027	431149	5268545
1377028	431119	5268555
1377029	431116	5268569
1377030	431137	5268568
1377031	431191	5268594
1377032	431283	5268638
1377033	431353	5268665
1377034	431317	5268714
1377035	431283	5268722
1377037	431267	5268732
1377038	431248	5268786
1377039	431201	5268792
1377040	431105	5268842
1377041	431118	5268861
1377042	431279	5268841
1377043	431336	5268860
1377044	431310	5268878
1377045	431353	5268918
1377046	431353	5268904
1377047	431341	5268909
1377049	431421	5268879
1377050	431450	5268869
1377051	431464	5268850

1377052	431481	5268834
1377053	431491	5268825
1377054	431601	5268718
1377055	431559	5268756
1377056	431511	5268782
1377057	431462	5268811
1377102	430269	5269203
1377103	430112	5269199
1377104	430132	5269172
1377105	430128	5269170
1377106	430718	5268956
1377107	430801	5268982
1377108	430891	5269024
1377109	430972	5269081
1377110	430940	5269119
1377111	431291	5269014
1377113	431291	5269014
1377114	431295	5269010
1377115	431345	5269034
1377116	431371	5269079
1377117	431426	5269164
1377118	431334	5269149
1377119	431175	5269248
1377293	430544	5268419
1377294	430544	5268417
1377295	430546	5268417
1377296	430570	5268405
1377297	430566	5268397

## **Appendix B-Sample Locations**



## **Appendix C-Assay Certificates**

Thursday, July 5, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/18/2012

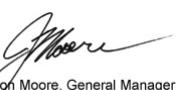
Job #: 201210237

Reference: RX sample series

Sample #: 44

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38802	RX1330507	0.007	<1	0.53	<2	<10	61	<2	10	0.30	<4	3	14	3	1.72	0.15	6	0.14	130	<1	0.07	23	137	5	<5	<5	<0.01	<10	5	173	8	3	<10	7	16
38803	RX1330508	<0.005	<1	0.98	<2	<10	184	<2	9	0.42	<4	6	16	2	2.85	0.65	12	0.22	214	<1	0.08	23	289	6	<5	<5	<0.01	<10	14	1588	8	4	<10	24	30
38804	RX1330509	<0.005	<1	0.59	<2	<10	37	<2	12	0.44	<4	6	39	<1	1.11	0.26	16	0.48	205	<1	0.10	46	403	5	<5	<5	<0.01	<10	39	1243	8	23	<10	5	37
38805	RX1330510	<0.005	<1	1.03	<2	<10	163	<2	7	0.40	<4	9	31	13	3.04	0.70	10	0.24	171	2	0.12	55	291	6	<5	<5	<0.01	<10	10	1238	5	6	<10	28	25
38806	RX1330511	<0.005	<1	0.84	<2	<10	108	<2	14	0.11	<4	3	14	11	1.68	0.17	8	0.51	119	<1	0.05	29	214	5	<5	<5	<0.01	<10	5	255	3	9	<10	8	34
38807	RX1330512	0.117	<1	2.70	23	<10	24	<2	8	1.08	<4	11	17	3734	3.45	0.67	7	1.85	277	73	0.14	12	536	9	5	6	<0.01	<10	21	668	9	200	<10	9	80
38808	RX1330513	<0.005	<1	0.39	<2	<10	63	<2	10	0.08	<4	<1	31	5	0.35	0.26	3	0.03	105	3	0.04	55	<100	3	<5	<5	<0.01	<10	5	<100	8	2	<10	5	22
38809	RX1330514	<0.005	<1	0.23	3	<10	39	<2	9	0.15	<4	<1	37	2	0.26	0.14	2	<0.01	<100	4	0.06	60	<100	4	<5	<5	<0.01	<10	3	<100	10	2	<10	4	9
38810	RX1330515	0.026	<1	0.63	<2	<10	40	<2	10	0.65	<4	14	19	100	2.51	0.29	5	0.12	277	1	0.05	29	146	115	<5	<5	<0.01	<10	7	210	17	2	<10	7	148
38811	RX1330516	0.013	<1	0.48	<2	<10	84	<2	10	0.24	<4	5	25	143	1.86	0.32	5	0.09	163	1	0.09	41	136	5	<5	<5	<0.01	<10	7	553	10	4	<10	8	21
38812D	RX1330516	0.009	<1	0.49	<2	<10	86	<2	9	0.24	<4	5	34	145	1.92	0.33	5	0.08	169	4	0.10	60	133	6	<5	<5	<0.01	<10	7	542	10	5	<10	8	23
38813	RX1330517	<0.005	<1	0.78	<2	<10	72	<2	18	0.34	<4	3	23	2	2.19	0.16	16	0.24	317	<1	0.07	39	140	6	<5	<5	<0.01	<10	7	118	3	4	<10	18	22
38814	RX1330518	<0.005	<1	0.30	<2	<10	27	<2	6	0.83	<4	2	24	5	0.80	0.07	4	0.10	293	3	0.09	36	216	5	<5	<5	<0.01	<10	14	203	6	4	<10	9	14
38815	RX1330519	<0.005	<1	0.63	<2	<10	100	<2	<1	0.64	<4	5	16	24	1.45	0.54	7	0.09	216	<1	0.06	23	126	2	<5	<5	<0.01	<10	8	551	10	2	<10	7	21
38816	RX1330520	<0.005	<1	0.39	<2	<10	70	<2	10	0.15	<4	4	19	4	1.82	0.27	5	0.07	236	<1	0.07	25	130	4	<5	<5	<0.01	<10	8	288	14	2	<10	5	21
38817	RX1330521	<0.005	<1	0.79	<2	<10	43	<2	11	0.42	<4	7	21	15	2.76	0.23	11	0.20	266	<1	0.08	31	201	6	<5	<5	<0.01	<10	6	1404	3	22	<10	34	44
38818	RX1330522	0.007	<1	0.67	13	<10	42	<2	9	0.12	<4	3	18	14	1.35	0.36	4	0.10	<100	<1	0.02	28	140	51	<5	<5	<0.01	<10	<3	<100	8	2	<10	8	67
38819	RX1330523	<0.005	<1	0.77	<2	<10	89	<2	8	0.20	<4	5	23	<1	2.36	0.48	10	0.15	155	<1	0.06	39	151	6	<5	<5	<0.01	<10	3	658	14	5	<10	6	24
38820	RX1330524	<0.005	<1	1.65	<2	<10	41	<2	16	1.50	4	38	13	96	7.22	0.21	19	1.57	904	<1	0.11	35	917	10	<5	<5	<0.01	<10	19	4186	4	206	<10	17	80
38821	RX1330525	<0.005	<1	1.31	<2	<10	20	<2	6	1.19	<4	18	10	197	3.78	0.29	10	0.32	210	<1	0.13	24	688	8	<5	<5	<0.01	<10	16	2037	3	185	<10	17	30

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 Jason Moore, General Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Thursday, July 5, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/18/2012

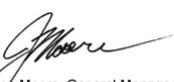
Job #: 201210237

Reference: RX sample series

Sample #: 44

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38822	RX1330526	<0.005	<1	0.49	<2	<10	84	<2	10	0.28	<4	3	28	2	2.05	0.39	6	0.09	161	3	0.09	49	121	4	<5	<5	<0.01	<10	7	593	17	6	<10	13	18
38823D	RX1330526	<0.005	<1	0.47	<2	<10	82	<2	10	0.28	<4	4	23	2	2.05	0.38	6	0.09	159	1	0.09	38	124	5	<5	<5	<0.01	<10	7	577	10	5	<10	13	17
38824	RX1330527	<0.005	<1	<0.01	<2	<10	<1	<2	9	<0.01	<4	<1	<1	<1	<0.01	<0.01	1	<0.01	<100	<1	<0.01	<1	<100	<1	<5	<5	<0.01	<10	<3	<100	8	<2	<10	<2	<1
38825	RX1330528	<0.005	<1	0.55	<2	<10	85	<2	8	0.05	<4	3	29	1	2.69	0.18	9	0.31	<100	1	0.08	44	119	7	<5	<5	<0.01	<10	8	334	3	4	<10	28	15
38826	RX1330529	0.008	<1	0.56	<2	<10	89	<2	11	0.04	<4	3	25	<1	2.71	0.19	9	0.31	<100	<1	0.08	38	121	6	<5	<5	<0.01	<10	9	345	4	4	<10	28	17
38827	RX1330530	0.072	<1	1.96	<2	<10	23	<2	19	1.38	<4	11	17	14	4.69	0.04	41	0.99	734	<1	0.07	31	751	8	<5	<5	<0.01	<10	28	657	5	47	<10	20	75
38828	RX1330531	<0.005	<1	0.90	<2	<10	112	<2	8	0.16	<4	7	15	2	2.85	0.30	8	0.19	143	<1	0.08	23	117	5	<5	<5	<0.01	<10	5	1016	4	4	<10	20	19
38829	RX1330532	<0.005	<1	1.24	<2	<10	168	<2	13	0.07	<4	6	29	2	3.36	0.79	13	0.26	122	<1	0.07	40	158	6	<5	<5	<0.01	<10	4	776	<2	3	<10	9	37
38830	RX1330533	<0.005	<1	0.67	<2	<10	173	<2	12	0.04	<4	3	54	4	2.32	0.46	6	0.04	136	8	0.15	105	104	5	<5	<5	<0.01	<10	5	623	11	6	<10	9	27
38831	RX1330534	<0.005	<1	0.82	<2	<10	60	<2	12	0.12	<4	6	34	10	2.88	0.29	7	0.12	152	3	0.08	62	124	9	<5	<5	<0.01	<10	5	185	7	3	<10	9	26
38832	RX1330535	<0.005	<1	1.11	<2	<10	68	2	2	1.64	5	41	21	39	8.67	0.33	13	1.53	1112	<1	0.19	53	4062	13	5	<5	<0.01	<10	43	5759	6	129	<10	33	137
38833	RX1330536	0.537	<1	0.57	195	<10	79	<2	11	0.69	<4	28	32	47	4.37	0.05	6	2.00	694	<1	0.16	115	1209	8	<5	<5	<0.01	<10	37	1410	9	24	<10	12	70
38834D	RX1330536																																		
38835	RX1330537	<0.005	<1	0.90	<2	<10	34	<2	18	0.92	<4	5	18	3	2.67	0.14	7	0.24	299	2	0.08	33	338	7	<5	<5	<0.01	<10	12	419	12	5	<10	11	32
38836	RX1330538	<0.005	<1	1.76	<2	<10	40	<2	15	0.45	<4	12	104	<1	4.22	0.16	19	1.14	418	<1	0.02	53	375	8	<5	<5	<0.01	<10	12	191	4	36	<10	6	56
38837	RX1330539	0.005	<1	0.80	<2	<10	26	<2	13	0.66	<4	5	22	2	1.89	0.06	7	0.40	364	<1	0.10	40	442	6	<5	<5	<0.01	<10	15	386	10	13	<10	15	28
38838	RX1330540	<0.005	<1	1.19	<2	<10	47	<2	5	0.92	<4	31	10	94	5.00	0.32	15	0.73	382	<1	0.08	35	817	10	<5	<5	<0.01	<10	29	2786	4	185	<10	9	57
38839	RX1330541	<0.005	<1	0.41	<2	<10	71	<2	14	0.13	<4	5	15	13	2.44	0.20	5	0.11	221	<1	0.05	23	128	5	<5	<5	<0.01	<10	6	230	9	3	<10	9	23
38840	RX1330542	<0.005	<1	0.82	<2	<10	70	<2	9	0.17	<4	4	19	7	1.93	0.33	8	0.15	103	<1	0.05	35	107	7	<5	<5	<0.01	<10	4	<100	15	2	<10	9	14
38841	RX1330543	<0.005	<1	0.74	<2	<10	16	<2	10	0.48	<4	8	29	6	2.21	0.05	6	0.35	191	4	0.12	55	248	6	<5	<5	<0.01	<10	11	<100	6	7	<10	14	18

PROCEDURE CODES: ALP2, ALFA1, ALAR1



Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Thursday, July 5, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/18/2012

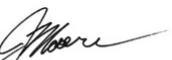
Job #: 201210237

Reference: RX sample series

Sample #: 44

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm	
38842	RX1330544	<0.005	<1	0.72	<2	<10	16	<2	8	0.41	<4	7	28	5	2.12	0.05	6	0.35	198	3	0.10	51	224	5	<5	<5	<0.01	<10	9	<100	8	<10	13	18		
38843	RX1330545	<0.005	<1	1.20	<2	<10	25	<2	16	0.96	<4	12	34	34	3.71	0.04	12	0.66	934	2	0.04	62	284	8	<5	<5	<0.01	<10	7	121	9	16	<10	7	76	
38844	RX1330546	<0.005	<1	0.94	<2	<10	<1	<2	6	<0.01	<4	<1	<1	<1	2.64	<0.01	1	<0.01	<100	<1	<0.01	<1	<100	<1	<5	<5	<0.01	<10	<3	<100	8	<2	<10	<2	6	
38845D	RX1330546	<0.005	<1	0.94	<2	<10	29	<2	10	0.30	<4	7	14	12	2.65	0.09	8	0.39	233	<1	0.04	25	240	4	<5	<5	<0.01	<10	6	174	6	6	<10	11	27	
38846	RX1330547	0.264	<1	4.90	9	40	254	3	23	2.85	5	22	166	6	10.27	1.07	47	2.93	1046	1814	0.05	34	2614	38	<5	<5	<0.01	<10	25	168	1145	22	168	<10	134	97
38847	RX1330548	<0.005	<1	1.57	<2	100	33	<2	9	1.68	4	38	12	108	6.38	0.19	17	1.35	685	3	0.09	36	949	11	<5	<5	<0.01	<10	17	4149	7	193	<10	16	81	
38848	RX1330549	<0.005	<1	0.85	<2	<10	33	<2	8	0.39	<4	7	30	7	2.22	0.12	7	0.29	215	<1	0.03	36	126	5	<5	<5	<0.01	<10	7	<100	3	4	<10	10	21	
38849	RX1330550	<0.005	<1	0.42	<2	<10	26	<2	11	0.17	<4	3	34	15	1.84	0.07	4	0.15	132	2	0.10	56	106	6	<5	<5	<0.01	<10	8	134	9	5	<10	7	16	

PROCEDURE CODES: ALP2, ALFA1, ALAR1



Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 6, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/18/2012

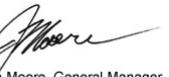
Job #: 201210212

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm	
38215	RX1330551	0.007	<1	0.33	<2	54	38	<2	7	0.73	<4	7	29	100	1.44	0.23	4	0.23	181	3	0.06	55	131	3	<5	<5	<0.01	<10	11	193	2	3	<10	7	23	
38216	RX1330552	0.011	<1	0.28	<2	61	38	<2	11	0.03	<4	<1	34	20	0.57	0.19	2	0.01	<100	4	0.05	64	<100	3	<5	<5	<0.01	<10	<3	<100	5	2	<10	5	10	
38217	RX1330553	0.055	<1	0.37	<2	58	14	<2	11	0.03	<4	4	26	54	2.02	0.10	3	0.05	<100	1	0.06	47	133	4	<5	<5	<0.01	<10	<3	166	10	3	<10	6	11	
38218	RX1330554	0.009	<1	0.69	<2	61	29	<2	10	0.34	<4	5	30	91	1.47	0.33	7	0.21	142	2	0.03	54	122	3	<5	<5	<0.01	<10	4	<100	11	3	<10	6	14	
38219	RX1330555	0.007	<1	0.67	<2	50	21	<2	10	0.65	<4	4	36	59	2.19	0.23	5	0.24	208	4	0.03	68	<100	5	<5	<5	<0.01	<10	7	102	4	3	<10	4	24	
38220	RX1330556	<0.005	<1	0.42	<2	55	28	<2	8	0.04	<4	1	40	8	1.23	0.28	3	0.03	<100	5	0.03	74	122	5	<5	<5	<0.01	<10	4	<100	3	3	<10	9	8	
38221	RX1330557	0.010	<1	0.46	<2	55	24	<2	11	0.05	<4	1	39	2	0.92	0.31	3	0.03	104	5	0.03	71	<100	4	<5	<5	<0.01	<10	3	<100	6	3	<10	8	11	
38222	RX1330558	<0.005	<1	0.71	<2	54	48	<2	9	1.14	<4	6	27	6	3.23	0.28	5	0.27	448	2	0.03	50	<100	5	<5	<5	<0.01	<10	13	119	4	2	<10	8	23	
38223	RX1330559	<0.005	<1	0.47	<2	50	30	<2	12	0.41	<4	1	15	4	0.67	0.18	5	0.35	220	<1	0.03	26	<100	2	<5	<5	<0.01	<10	4	186	9	2	<10	21	10	
38224	RX1330560	<0.005	<1	0.65	<2	52	29	<2	10	0.27	<4	4	15	4	1.76	0.14	8	0.21	134	<1	0.06	23	133	4	<5	<5	<0.01	<10	6	552	7	2	<10	35	11	
38225D	RX1330560	<0.005	<1	0.62	<2	52	27	<2	13	0.27	<4	4	13	4	1.70	0.13	8	0.20	128	<1	0.06	20	128	4	<5	<5	<0.01	<10	5	521	9	2	<10	35	12	
38226	RX1330561	<0.005	<1	1.05	<2	46	33	<2	9	0.13	<4	4	23	7	1.87	0.34	15	0.38	156	<1	0.03	39	106	5	<5	<5	<0.01	<10	5	553	5	3	<10	32	14	
38227	RX1330562	0.116	<1	2.41	24	47	22	<2	13	1.00	<4	11	16	3523	3.23	0.60	6	1.70	257	67	0.13	10	497	8	<5	<5	<0.01	<10	20	575	6	185	<10	9	68	
38228	RX1330563	<0.005	<1	0.80	<2	47	20	<2	5	0.23	<4	5	29	16	2.35	0.11	9	0.24	171	<1	0.07	41	132	5	<5	<5	<0.01	<10	14	692	3	4	<10	34	19	
38229	RX1330564	<0.005	<1	2.19	<2	47	31	<2	18	1.68	<4	18	22	118	3.40	0.21	8	0.50	277	<1	0.26	44	319	5	<5	<5	<0.01	<10	29	2681	5	146	<10	9	26	
38230	RX1330565	0.010	<1	0.47	<2	43	103	<2	7	0.05	<4	1	35	4	0.84	0.34	4	0.03	<100	5	0.05	70	<100	4	<5	<5	<0.01	<10	3	<100	5	3	<10	11	12	
38231	RX1330566	<0.005	<1	0.44	<2	41	47	<2	13	0.13	<4	2	42	<1	1.19	0.35	4	0.06	180	6	0.02	82	<100	4	<5	<5	<0.01	<10	4	<100	6	3	<10	4	14	
38232	RX1330567	<0.005	<1	1.34	<2	45	34	<2	8	0.97	<4	7	23	1	3.83	0.25	11	0.35	241	1	0.05	45	597	5	<5	<5	<0.01	<10	9	225	5	5	<10	12	26	
38233	RX1330568	<0.005	<1	2.48	<2	54	127	<2	16	1.24	4	18	15	<1	7.04	1.00	23	0.94	357	<1	0.07	17	795	4	<5	<5	<0.01	<10	10	15	2637	9	47	<10	23	67
38234	RX1330569	<0.005	<1	0.71	<2	35	24	<2	11	0.03	<4	3	25	14	1.49	0.27	6	0.14	<100	<1	0.02	44	<100	4	<5	<5	<0.01	<10	<3	<100	9	2	<10	5	10	

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 6, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/18/2012

Job #: 201210212

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38235	RX1330570	<0.005	<1	0.74	<2	21	104	<2	8	0.20	<4	6	26	16	2.31	0.40	11	0.12	128	2	0.08	50	147	5	<5	<5	<0.01	<10	6	674	5	4	<10	19	16
38236D	RX1330570	<0.005	<1	0.72	<2	29	102	<2	11	0.20	<4	5	23	15	2.26	0.40	10	0.12	125	<1	0.08	45	143	5	<5	<5	<0.01	<10	5	673	6	4	<10	19	16
38237	RX1330571	<0.005	<1	0.43	<2	23	23	<2	10	0.17	<4	6	33	11	3.85	0.17	4	0.40	292	4	0.06	67	187	5	<5	<5	<0.01	<10	5	139	2	3	<10	10	36
38238	RX1330572	<0.005	<1	0.34	<2	28	19	<2	8	0.16	<4	2	18	<1	0.75	0.12	13	0.16	152	<1	0.05	30	155	7	<5	<5	<0.01	<10	10	719	4	8	<10	9	22
38239	RX1330573	<0.005	<1	1.47	<2	35	53	<2	11	1.04	<4	31	8	131	6.83	0.18	10	0.64	530	<1	0.08	23	893	11	<5	<5	<0.01	<10	13	4684	11	265	<10	24	85
38240	RX1330574	0.014	<1	1.29	<2	41	20	<2	6	1.06	<4	32	10	129	5.31	0.20	12	1.13	745	<1	0.11	34	715	13	<5	<5	<0.01	<10	17	4118	5	160	<10	15	67
38241	RX1330575	0.007	<1	1.19	<2	32	41	<2	9	0.99	<4	20	15	59	3.58	0.12	8	0.66	385	<1	0.13	22	383	5	<5	<5	<0.01	<10	12	1365	5	152	<10	8	49
38242	RX1330576	0.005	<1	0.92	<2	23	127	<2	14	0.33	<4	7	19	9	1.91	0.37	8	0.39	231	<1	0.07	32	245	3	<5	<5	<0.01	<10	24	1203	7	35	<10	4	43
38243	RX1330577	0.006	<1	1.47	<2	32	38	<2	10	0.74	<4	14	20	6	2.39	0.11	10	0.86	361	<1	0.05	35	407	3	<5	<5	<0.01	<10	30	1303	7	29	<10	7	60
38244	RX1330578	0.006	<1	1.43	<2	27	12	<2	11	0.61	<4	14	67	46	2.13	0.05	8	1.08	221	<1	0.05	52	198	5	<5	<5	<0.01	<10	17	895	5	52	<10	3	25
38245	RX1330579	0.006	<1	1.20	<2	25	24	<2	5	1.06	<4	9	13	10	1.41	0.09	8	0.46	166	<1	0.09	33	270	3	<5	<5	<0.01	<10	24	1105	3	29	<10	4	32
38246	RX1330580	<0.005	<1	1.19	<2	27	18	<2	10	0.58	<4	10	22	<1	2.07	0.04	8	0.60	335	<1	0.05	36	233	2	<5	<5	<0.01	<10	28	1092	3	19	<10	7	37
38247D	RX1330580	0.006	<1	1.21	<2	24	18	<2	6	0.56	<4	10	22	<1	2.09	0.04	8	0.62	340	<1	0.04	35	243	<1	<5	<5	<0.01	<10	27	1081	7	19	<10	7	40
38248	RX1330581	0.006	<1	1.46	<2	24	255	<2	9	0.66	<4	8	21	6	1.41	0.07	10	1.29	249	<1	0.07	37	363	4	<5	<5	<0.01	<10	22	1059	6	17	<10	8	20
38249	RX1330582	0.006	<1	1.14	<2	19	28	<2	5	0.58	<4	9	30	10	1.84	0.05	6	0.57	221	<1	0.07	55	234	6	<5	<5	<0.01	<10	30	1161	9	22	<10	8	29
38250	RX1330583	0.007	<1	2.40	<2	20	23	<2	8	1.77	<4	18	15	141	3.81	0.11	5	0.41	226	<1	0.32	32	382	4	<5	<5	<0.01	<10	31	1840	5	177	<10	11	31
38251	RX1330584	0.006	<1	1.61	<2	29	31	<2	9	1.18	<4	24	12	146	4.15	0.19	7	0.66	295	<1	0.14	36	426	7	<5	<5	<0.01	<10	13	2937	6	166	<10	11	49
38252	RX1330585	0.006	<1	1.38	<2	28	39	<2	11	1.12	<4	15	11	26	3.68	0.16	7	0.50	444	<1	0.12	22	1048	6	<5	<5	<0.01	<10	18	2205	4	37	<10	10	55
38253	RX1330586	0.525	<1	0.67	192	26	81	<2	12	0.75	<4	28	32	46	4.40	0.06	6	2.00	699	<1	0.18	111	1184	9	<5	<5	<0.01	<10	42	1564	14	24	<10	12	61
38254	RX1330587	0.007	<1	1.25	<2	26	22	<2	10	0.88	<4	11	21	12	3.17	0.09	7	0.44	354	<1	0.10	21	519	5	<5	<5	<0.01	<10	34	1871	6	24	<10	8	27

PROCEDURE CODES: ALP2, ALFA1, ALAR1



Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 6, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/18/2012

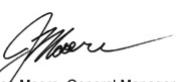
Job #: 201210212

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38255	RX1330588	0.010	<1	1.55	<2	24	14	<2	8	0.77	<4	21	14	24	3.95	0.06	10	0.79	447	<1	0.08	27	431	5	<5	<5	<0.01	<10	21	1783	4	121	<10	5	42
38256	RX1330589	0.006	<1	2.02	<2	24	19	<2	1	1.00	<4	23	63	84	3.11	0.07	9	1.31	446	<1	0.06	69	246	7	<5	<5	<0.01	<10	10	2887	10	71	<10	5	47
38257	RX1330590	0.007	<1	1.58	<2	18	29	<2	7	0.76	<4	16	43	29	2.52	0.06	9	1.01	334	<1	0.06	51	243	5	<5	<5	<0.01	<10	24	2215	8	55	<10	4	33
38258D	RX1330590	<0.005	<1	1.60	<2	19	30	<2	7	0.76	<4	15	44	29	2.55	0.06	9	1.02	339	<1	0.07	52	246	4	<5	<5	<0.01	<10	25	2250	6	56	<10	4	32
38259	RX1330591	<0.005	<1	1.81	<2	21	358	<2	7	1.37	<4	8	18	<1	1.34	0.03	12	1.00	183	<1	0.05	32	368	3	<5	<5	<0.01	<10	80	1437	9	24	<10	3	16
38260	RX1330592	<0.005	<1	1.61	<2	20	13	<2	10	1.01	<4	25	60	104	3.28	0.04	8	1.13	457	<1	0.05	42	297	5	<5	<5	<0.01	<10	15	2460	6	80	<10	4	44
38261	RX1330593	0.007	<1	1.92	<2	23	10	<2	10	1.01	<4	29	32	34	4.55	0.03	15	1.24	539	<1	0.08	40	328	5	<5	<5	<0.01	<10	31	2249	13	129	<10	7	44
38262	RX1330594	<0.005	<1	1.70	<2	27	20	<2	13	1.05	<4	21	38	9	3.43	0.07	11	1.13	364	<1	0.11	64	565	7	<5	<5	<0.01	<10	30	2339	10	68	<10	6	63
38263	RX1330595	<0.005	<1	4.01	<2	31	17	<2	9	2.61	<4	17	47	101	3.04	0.07	12	0.87	283	<1	0.46	46	210	<1	<5	<5	<0.01	<10	43	1484	6	138	<10	5	33
38264	RX1330596	<0.005	<1	2.95	<2	23	23	<2	11	1.94	<4	16	94	82	2.41	0.10	15	1.02	308	<1	0.29	56	166	4	<5	<5	<0.01	<10	35	1072	8	83	<10	3	57
38265	RX1330597	<0.005	<1	0.77	<2	21	24	<2	4	0.50	<4	5	24	1	1.27	0.09	5	0.27	119	<1	0.11	39	239	3	<5	<5	<0.01	<10	32	1171	3	18	<10	4	10
38266	RX1330598	<0.005	<1	1.47	<2	27	26	<2	15	1.19	<4	34	11	114	6.01	0.19	17	1.24	601	<1	0.09	38	703	10	<5	<5	<0.01	<10	16	3467	6	203	<10	16	70
38267	RX1330599	0.006	<1	1.62	<2	19	25	<2	9	1.22	<4	25	11	171	5.01	0.19	8	0.67	357	<1	0.18	27	580	8	<5	<5	<0.01	<10	18	3246	6	217	<10	15	52
38268	RX1330600	<0.005	<1	0.17	<2	11	28	<2	13	0.04	<4	<1	13	2	0.31	0.11	4	0.02	123	<1	0.06	23	<100	1	<5	<5	<0.01	<10	4	<100	7	2	<10	2	11
38269D	RX1330600	<0.005	<1	0.16	<2	<10	28	<2	9	0.03	<4	<1	13	2	0.29	0.11	4	0.02	120	<1	0.06	22	<100	2	<5	<5	<0.01	<10	4	<100	6	2	<10	2	18
38270	RX1330601	<0.005	<1	0.89	<2	13	42	<2	12	0.36	<4	4	21	<1	1.67	0.17	6	0.30	<100	<1	0.06	32	244	5	<5	<5	<0.01	<10	18	397	6	10	<10	5	20
38271	RX1330602	0.181	2	0.33	6	<10	40	<2	9	<0.01	<4	9	32	9	1.43	0.26	2	<0.01	<100	4	0.02	63	<100	5	<5	<5	<0.01	<10	<3	<100	4	3	<10	6	3
38272	RX1330603	0.070	<1	0.65	<2	11	69	<2	11	0.75	<4	3	20	17	1.31	0.23	10	0.25	233	<1	0.05	37	155	6	<5	<5	<0.01	<10	11	<100	4	2	<10	9	17
38273	RX1330604	<0.005	<1	0.21	<2	<10	36	<2	8	0.12	<4	<1	21	13	0.30	0.12	3	0.01	<100	<1	0.06	37	<100	5	<5	<5	<0.01	<10	3	<100	6	2	<10	6	24
38274	RX1330605	<0.005	<1	0.37	<2	<10	40	<2	12	0.48	<4	2	50	29	0.79	0.20	3	0.04	250	7	0.09	96	108	4	<5	<5	<0.01	<10	7	<100	3	4	<10	7	8

PROCEDURE CODES: ALP2, ALFA1, ALAR1



Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 6, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/18/2012

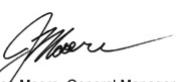
Job #: 201210212

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38275	RX1330606	0.018	<1	0.38	<2	<10	44	<2	12	0.29	<4	<1	22	135	0.36	0.24	3	0.03	169	<1	0.03	38	189	3	<5	<5	<0.01	<10	4	<100	5	2	<10	3	18
38276	RX1330607	<0.005	<1	0.30	<2	<10	44	<2	11	0.03	<4	1	45	10	0.72	0.17	3	0.02	100	6	0.07	85	138	4	<5	<5	<0.01	<10	5	<100	4	4	<10	6	8
38277	RX1330608	<0.005	<1	0.79	<2	13	46	<2	7	0.32	<4	4	41	4	2.27	0.14	9	0.26	155	6	0.09	76	133	3	<5	<5	<0.01	<10	4	244	4	5	<10	10	14
38278	RX1330609	<0.005	<1	0.44	<2	13	33	<2	10	0.21	<4	2	47	14	1.07	0.15	3	0.09	<100	7	0.09	88	105	3	<5	<5	<0.01	<10	4	<100	2	4	<10	14	6
38279	RX1330610	<0.005	<1	0.65	2	10	55	<2	13	0.28	<4	5	31	59	1.35	0.18	12	0.36	132	3	0.05	56	125	4	<5	<5	<0.01	<10	5	<100	7	3	<10	9	63
38280R	RX1330610	<0.005	<1	0.66	3	15	56	<2	9	0.27	<4	5	39	59	1.39	0.18	12	0.36	135	5	0.05	73	128	5	<5	<5	<0.01	<10	5	<100	4	3	<10	9	63
38281	RX1330611	0.025	<1	1.29	<2	<10	62	<2	13	0.63	<4	15	37	195	4.75	0.18	12	0.15	331	5	0.05	70	229	8	<5	<5	<0.01	<10	7	<100	7	3	<10	11	56
38282	RX1330612	0.116	<1	2.35	22	<10	21	<2	12	1.01	<4	10	16	3533	3.28	0.60	6	1.72	259	68	0.12	11	496	6	<5	5	<0.01	<10	20	536	9	183	<10	9	74
38283	RX1330613	<0.005	<1	0.95	<2	<10	80	<2	5	0.23	<4	6	39	18	2.86	0.33	13	0.24	154	4	0.09	70	236	6	<5	<5	<0.01	<10	9	1077	7	9	<10	23	26
38284	RX1330614	1.308	<1	1.06	14	<10	82	<2	8	0.06	16	11	45	299	6.27	0.25	11	0.26	181	9	0.02	86	314	9	<5	<5	<0.01	<10	4	<100	7	4	25	4	2317
38285	RX1330615	0.015	<1	2.54	13	<10	180	<2	16	2.96	<4	25	8	38	6.08	0.83	47	1.90	919	<1	0.06	16	2061	10	<5	<5	<0.01	<10	77	1401	22	167	<10	17	139
38286	RX1330616	<0.005	<1	1.10	<2	<10	144	<2	12	0.46	<4	8	23	8	3.13	0.63	13	0.34	230	<1	0.09	42	325	6	<5	<5	<0.01	<10	8	1146	5	8	<10	27	27
38287	RX1330617	0.006	<1	1.46	<2	<10	37	<2	16	1.03	<4	21	18	130	4.42	0.20	17	0.52	254	<1	0.18	45	618	8	<5	<5	<0.01	<10	16	2208	4	218	<10	14	37
38288	RX1330618	<0.005	<1	1.01	<2	<10	7	<2	10	1.30	<4	6	20	8	2.98	0.03	11	0.45	293	<1	0.07	34	490	5	<5	<5	<0.01	<10	7	972	5	13	<10	41	22
38289	RX1330619	0.059	<1	0.75	<2	<10	19	<2	13	0.70	<4	2	26	25	2.55	0.06	7	0.14	223	1	0.08	48	229	6	<5	<5	<0.01	<10	8	<100	5	2	<10	11	21
38290	RX1330620	<0.005	<1	1.77	<2	<10	25	<2	10	1.09	<4	4	10	54	4.71	0.15	15	0.76	360	<1	0.03	20	906	9	<5	<5	<0.01	<10	17	<100	7	20	<10	21	39
38291D	RX1330620	<0.005	<1	1.76	<2	<10	25	<2	15	1.09	<4	4	9	54	4.66	0.15	14	0.75	358	<1	0.03	18	908	6	<5	<5	<0.01	<10	17	<100	3	20	<10	20	40
38292	RX1330621	<0.005	<1	0.99	<2	<10	25	<2	16	0.50	<4	7	21	27	2.86	0.11	13	0.35	172	<1	0.06	40	474	4	<5	<5	<0.01	<10	6	132	4	5	<10	16	21
38293	RX1330622	<0.005	<1	1.50	<2	<10	43	<2	6	1.43	<4	5	46	1	4.69	0.18	19	0.63	297	7	0.09	82	379	5	<5	<5	<0.01	<10	13	<100	5	14	<10	12	32
38294	RX1330623	<0.005	<1	0.38	<2	<10	95	<2	11	0.07	<4	2	41	7	1.06	0.30	3	0.03	<100	6	0.09	80	131	6	<5	<5	<0.01	<10	6	223	5	5	<10	10	13

PROCEDURE CODES: ALP2, ALFA1, ALAR1



Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 6, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/18/2012

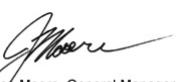
Job #: 201210212

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38295	RX1330624	<0.005	<1	1.28	<2	<10	29	<2	10	0.89	<4	26	10	124	4.68	0.27	11	0.63	312	<1	0.13	39	567	9	<5	<5	<0.01	<10	15	3056	5	186	<10	15	46
38296	RX1330625	0.007	<1	2.45	220	<10	58	<2	15	0.12	<4	12	41	5	6.14	0.48	34	1.36	306	5	0.02	80	<100	4	<5	<5	<0.01	<10	4	498	7	7	<10	8	52
38297	RX1330626	<0.005	<1	0.36	<2	<10	54	<2	13	0.24	<4	2	30	5	0.48	0.20	4	0.04	159	3	0.05	56	<100	4	<5	<5	<0.01	<10	6	<100	8	2	<10	6	11
38298	RX1330627	<0.005	<1	0.25	<2	<10	30	<2	18	0.07	<4	3	39	4	0.74	0.14	3	0.03	114	4	0.05	68	<100	3	<5	<5	<0.01	<10	3	<100	3	3	<10	3	14
38299	RX1330628	0.014	<1	0.52	<2	<10	34	<2	4	0.25	<4	3	44	13	1.12	0.20	5	0.12	170	6	0.05	81	142	5	<5	<5	<0.01	<10	6	<100	5	3	<10	7	13
38300	RX1330629	0.011	<1	0.64	<2	<10	39	<2	4	0.75	<4	6	28	33	2.03	0.16	3	0.11	257	1	0.06	49	110	9	<5	<5	<0.01	<10	10	286	12	3	<10	11	31
38301	RX1330630	<0.005	<1	0.81	35	<10	56	<2	9	0.55	<4	6	18	26	2.71	0.17	5	0.11	193	<1	0.06	32	146	7	<5	<5	<0.01	<10	8	437	12	2	<10	29	29
38302D	RX1330630	<0.005	<1	0.82	31	<10	57	<2	10	0.56	<4	6	26	27	2.81	0.18	5	0.11	199	1	0.07	45	148	4	<5	<5	<0.01	<10	9	416	11	2	<10	28	26
38303	RX1330631	<0.005	<1	2.12	<2	<10	49	<2	14	0.51	<4	12	26	59	5.70	0.19	24	0.87	401	5	0.05	48	320	5	<5	<5	<0.01	<10	6	271	14	5	<10	13	45
38304	RX1330632	0.005	<1	1.30	<2	<10	30	<2	12	0.53	<4	8	35	123	3.93	0.14	10	0.55	205	3	0.06	63	469	8	<5	<5	<0.01	<10	7	158	5	19	<10	11	25
38305	RX1330633	<0.005	<1	0.60	<2	<10	26	<2	6	0.12	<4	2	23	7	1.66	0.11	7	0.17	114	1	0.07	40	132	8	<5	<5	<0.01	<10	6	<100	10	3	<10	14	14
38306	RX1330634	<0.005	<1	0.70	<2	<10	71	<2	9	0.75	<4	3	34	47	2.03	0.28	8	0.15	201	3	0.04	59	130	5	<5	<5	<0.01	<10	6	<100	7	3	<10	8	8
38307	RX1330635	<0.005	<1	0.73	<2	<10	28	<2	9	0.38	<4	3	43	32	1.56	0.16	9	0.30	164	5	0.07	77	135	5	<5	<5	<0.01	<10	6	<100	4	3	<10	8	12
38308	RX1330636	0.030	<1	1.41	<2	10	32	<2	15	1.15	<4	26	14	123	4.84	0.25	12	0.67	349	<1	0.14	46	569	8	<5	<5	<0.01	<10	15	3438	4	186	<10	15	50
38309	RX1330637	0.011	<1	0.27	75	<10	28	<2	13	0.18	<4	71	13	26	1.82	0.10	4	0.06	<100	<1	0.07	26	291	8	<5	<5	<0.01	<10	6	139	7	3	<10	7	15
38310	RX1330638	0.009	<1	0.35	29	<10	28	<2	9	0.10	<4	14	23	96	1.56	0.08	5	0.10	<100	1	0.08	41	209	14	<5	<5	<0.01	<10	5	<100	10	4	<10	3	14
38311	RX1330639	<0.005	<1	0.68	2	<10	42	<2	10	0.55	<4	14	18	50	1.93	0.19	8	0.26	155	<1	0.05	31	<100	5	<5	<5	<0.01	<10	9	<100	8	2	<10	6	11
38312	RX1330640	<0.005	<1	1.06	<2	<10	25	<2	11	0.69	<4	5	13	6	2.51	0.17	13	0.33	269	<1	0.04	23	232	5	<5	<5	<0.01	<10	14	<100	6	2	<10	11	16
38313D	RX1330640	<0.005	<1	1.08	<2	<10	25	<2	7	0.71	<4	5	14	6	2.57	0.17	14	0.34	276	<1	0.04	23	233	6	<5	<5	<0.01	<10	14	<100	6	2	<10	12	18
38314	RX1330641	<0.005	<1	3.22	<2	<10	37	<2	21	1.17	<4	19	28	<1	5.79	0.13	23	2.00	716	<1	0.04	55	1481	8	<5	<5	<0.01	<10	15	320	10	52	<10	18	55

PROCEDURE CODES: ALP2, ALFA1, ALAR1



Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 6, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/18/2012

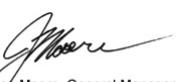
Job #: 201210212

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38315	RX1330642	<0.005	<1	1.90	<2	<10	11	<2	15	0.28	<4	10	11	<1	3.39	0.04	16	1.21	371	<1	0.05	18	458	8	<5	<5	<0.01	<10	7	704	8	26	<10	14	29
38316	RX1330643	<0.005	<1	2.39	<2	<10	11	<2	11	0.22	<4	10	11	<1	3.98	0.03	19	1.66	391	<1	0.05	22	534	6	<5	<5	<0.01	<10	4	<100	10	27	<10	15	36
38317	RX1330644	<0.005	<1	5.55	<2	<10	7	<2	15	3.51	4	49	200	48	6.52	<0.01	15	5.41	838	<1	0.04	285	120	5	6	<5	<0.01	<10	15	158	17	122	<10	5	69
38318	RX1330645	<0.005	<1	1.30	<2	<10	36	<2	9	0.89	<4	22	17	134	3.34	0.21	13	0.73	259	<1	0.09	38	428	12	<5	<5	<0.01	<10	14	1490	10	87	<10	7	61
38319	RX1330646	<0.005	<1	3.71	<2	<10	72	<2	16	2.29	<4	42	57	50	5.84	0.26	11	2.45	545	<1	0.61	110	952	7	<5	<5	<0.01	<10	131	1757	18	126	<10	13	79
38320	RX1330647	<0.005	<1	1.61	<2	<10	12	<2	9	0.93	<4	16	20	<1	2.29	0.03	7	1.32	304	<1	0.06	33	428	3	<5	<5	<0.01	<10	10	2797	11	42	<10	10	25
38321	RX1330648	0.577	<1	0.56	196	<10	80	<2	14	0.69	<4	28	32	47	4.42	0.05	6	2.03	699	<1	0.15	114	1195	10	<5	<5	<0.01	<10	36	1344	6	23	<10	13	83
38322	RX1330649	0.005	<1	3.36	<2	14	16	<2	10	1.89	<4	28	35	<1	5.82	0.04	17	2.60	1184	<1	0.04	58	454	9	<5	<5	<0.01	<10	21	3240	17	89	<10	6	91
38323	RX1330650	<0.005	<1	0.84	3	<10	101	<2	11	0.17	<4	4	50	7	2.98	0.36	4	0.15	346	11	0.04	96	233	5	<5	<5	<0.01	<10	7	307	7	6	<10	8	25
38324D	RX1330650	<0.005	<1	0.81	2	<10	99	<2	17	0.16	<4	4	48	7	2.89	0.34	4	0.14	334	11	0.04	92	226	5	<5	<5	<0.01	<10	7	273	6	6	<10	7	21
38325	RX1330651	<0.005	<1	0.95	<2	<10	64	<2	15	0.97	<4	11	21	5	4.94	0.18	8	0.45	404	<1	0.14	39	1368	5	<5	<5	<0.01	<10	6	1098	3	17	<10	18	63
38326	RX1330652	<0.005	<1	2.07	<2	<10	162	<2	16	1.18	<4	20	90	5	3.09	0.54	18	1.57	538	1	0.07	96	392	6	<5	<5	<0.01	<10	31	1833	10	44	<10	5	62
38327	RX1330653	<0.005	<1	0.76	<2	<10	94	<2	16	0.29	<4	7	29	<1	1.38	0.47	8	0.34	166	<1	0.06	47	196	2	<5	<5	<0.01	<10	13	1230	3	14	<10	8	21
38328	RX1330654	<0.005	<1	2.04	<2	<10	51	<2	9	1.17	<4	21	45	8	3.55	0.15	21	1.56	534	<1	0.05	63	375	5	<5	<5	<0.01	<10	18	1342	9	62	<10	8	56
38329	RX1330655	<0.005	<1	1.85	<2	<10	9	<2	7	0.97	<4	23	47	31	3.56	0.05	14	1.38	475	<1	0.10	65	435	5	<5	<5	<0.01	<10	14	1594	9	53	<10	5	65
38330	RX1330656	<0.005	<1	1.57	<2	<10	18	<2	11	0.88	<4	18	39	27	2.80	0.09	16	1.26	345	<1	0.08	59	388	6	<5	<5	<0.01	<10	19	1260	12	39	<10	5	51
38331	RX1330657	<0.005	<1	1.49	<2	<10	6	<2	10	1.07	<4	17	29	<1	3.20	0.04	10	1.03	444	<1	0.13	46	553	4	<5	<5	<0.01	<10	18	1187	7	54	<10	7	60
38332	RX1330658	0.006	<1	1.89	<2	<10	26	<2	9	2.27	<4	22	11	42	4.62	0.06	12	1.14	539	<1	0.19	26	1606	5	<5	<5	<0.01	<10	15	1548	3	53	<10	12	65
38333	RX1330659	0.007	<1	0.10	<2	<10	2	<2	7	0.08	<4	2	41	7	0.53	<0.01	2	0.07	<100	5	<0.01	73	<100	2	<5	<5	<0.01	<10	<3	108	3	7	<10	<2	7
38334	RX1330660	<0.005	<1	1.51	<2	<10	26	<2	15	1.50	<4	13	61	24	2.05	0.10	11	0.87	268	<1	0.07	42	397	5	<5	<5	<0.01	<10	23	767	5	31	<10	3	37

PROCEDURE CODES: ALP2, ALFA1, ALAR1



Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 6, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/18/2012

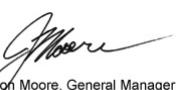
Job #: 201210212

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38335D	RX1330660	<0.005	<1	1.51	<2	<10	26	<2	13	1.48	<4	12	41	23	2.06	0.10	11	0.88	269	<1	0.07	42	412	6	<5	<5	<0.01	<10	22	766	9	31	<10	3	39
38336	RX1330661	<0.005	<1	0.13	<2	<10	<1	<2	11	0.03	<4	<1	21	<1	0.34	<0.01	2	0.11	<100	<1	<0.01	35	<100	<1	<5	<5	<0.01	<10	<3	<100	4	5	<10	<2	7
38337	RX1330662	0.123	<1	2.36	23	<10	21	<2	12	0.99	<4	10	16	3429	3.15	0.58	6	1.68	251	66	0.12	10	478	6	<5	<5	<0.01	<10	20	554	5	181	<10	9	70
38338	RX1330663	<0.005	<1	1.82	<2	<10	56	<2	1	0.66	<4	19	79	24	2.93	0.16	18	1.45	462	3	0.06	98	474	3	<5	<5	<0.01	<10	27	2097	10	46	<10	6	46
38339	RX1330664	<0.005	<1	0.68	<2	<10	77	<2	13	0.29	<4	5	44	2	1.19	0.34	9	0.29	135	4	0.07	72	134	4	<5	<5	<0.01	<10	18	839	4	11	<10	8	11
38340	RX1330665	0.011	<1	0.41	4	<10	87	<2	6	0.21	<4	2	39	6	0.74	0.33	4	0.07	130	5	0.06	72	108	200	<5	<5	<0.01	<10	3	248	3	4	<10	9	78
38341	RX1330666	<0.005	<1	0.45	<2	<10	111	<2	10	0.38	<4	3	31	4	0.65	0.30	4	0.10	<100	2	0.06	56	133	6	<5	<5	<0.01	<10	17	391	5	5	<10	10	7
38342	RX1330667	0.007	<1	0.98	<2	<10	92	<2	6	0.70	<4	5	78	2	1.59	0.26	6	0.22	118	13	0.13	147	205	7	<5	<5	<0.01	<10	58	1106	9	13	<10	15	9
38343	RX1330668	0.006	<1	1.23	<2	<10	34	<2	7	0.96	<4	22	13	113	4.18	0.27	12	0.55	256	<1	0.11	43	465	7	<5	<5	<0.01	<10	13	2715	6	183	<10	13	30
38344	RX1330669	<0.005	<1	0.49	<2	<10	54	<2	11	0.26	<4	4	34	4	0.98	0.17	5	0.13	<100	2	0.07	58	112	3	<5	<5	<0.01	<10	18	571	4	8	<10	8	7
38345	RX1330670	0.012	<1	1.37	4	51	85	<2	5	1.03	<4	31	13	102	6.03	0.36	14	0.76	442	<1	0.13	32	1324	13	5	<5	0.10	<10	23	3704	<2	188	<10	11	75
38346R	RX1330670	<0.005	<1	1.35	4	39	83	<2	1	1.01	4	31	11	101	5.99	0.35	14	0.76	434	<1	0.13	29	1320	10	<5	<5	0.11	<10	23	3621	<2	187	<10	11	66
38347	RX1330671	<0.005	<1	0.45	<2	<10	85	<2	6	0.21	<4	3	23	4	0.79	0.29	5	0.10	103	<1	0.06	37	127	3	<5	<5	<0.01	<10	6	400	5	5	<10	10	7
38348	RX1330672	<0.005	<1	0.39	<2	<10	87	<2	14	0.86	<4	3	28	5	0.75	0.27	4	0.08	<100	1	0.06	47	111	13	<5	<5	<0.01	<10	8	294	2	3	<10	8	7
38349	RX1330673	<0.005	<1	0.39	<2	<10	78	<2	9	0.41	<4	2	34	1	0.81	0.24	4	0.08	<100	3	0.07	63	<100	2	<5	<5	<0.01	<10	6	284	6	4	<10	9	7
38350	RX1330674	<0.005	<1	1.52	<2	<10	35	<2	8	1.29	<4	33	14	126	5.84	0.25	16	1.34	592	<1	0.14	45	690	9	<5	<5	<0.01	<10	23	3281	7	201	<10	17	63
38351	RX1330675	<0.005	<1	0.44	<2	<10	94	<2	4	0.49	<4	3	36	9	0.78	0.18	3	0.16	120	3	0.08	64	138	4	<5	<5	<0.01	<10	19	430	4	6	<10	9	5
38352	RX1330676	0.006	<1	0.42	<2	<10	52	<2	9	0.15	<4	3	26	2	0.71	0.25	5	0.13	<100	<1	0.06	41	<100	3	<5	<5	<0.01	<10	10	514	6	6	<10	5	9
38353	RX1330677	0.008	<1	0.54	<2	<10	77	<2	11	0.26	<4	4	32	5	0.84	0.29	6	0.23	104	1	0.06	51	126	3	<5	<5	<0.01	<10	21	653	4	7	<10	5	11
38354	RX1330678	0.005	<1	0.49	<2	<10	73	<2	9	0.35	<4	3	30	2	0.88	0.27	5	0.13	145	2	0.06	50	110	3	<5	<5	<0.01	<10	15	572	7	6	<10	8	12

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 Jason Moore, General Manager

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 6, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/18/2012

Job #: 201210212

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38355	RX1330679	<0.005	<1	1.09	<2	<10	56	<2	10	0.88	<4	8	93	<1	2.56	0.21	17	1.03	393	2	0.03	66	1202	6	<5	<5	<0.01	<10	21	579	4	30	<10	6	42
38356	RX1330680	<0.005	<1	0.50	<2	<10	47	<2	6	0.33	<4	4	20	3	0.95	0.15	6	0.25	123	<1	0.06	26	223	4	<5	<5	<0.01	<10	26	528	6	9	<10	5	31
38357D	RX1330680	<0.005	<1	0.53	<2	<10	49	<2	4	0.35	<4	4	23	3	0.97	0.16	6	0.25	127	<1	0.06	30	229	4	<5	<5	<0.01	<10	28	552	4	9	<10	5	27
38358	RX1330681	<0.005	<1	1.76	<2	<10	77	<2	15	1.08	<4	18	56	5	3.19	0.29	17	1.45	536	<1	0.06	62	755	3	<5	<5	<0.01	<10	53	1898	8	59	<10	5	62
38359	RX1330682	<0.005	<1	0.49	<2	<10	107	<2	10	0.28	<4	3	36	1	0.88	0.34	4	0.12	128	3	0.07	62	126	4	<5	<5	<0.01	<10	16	521	5	5	<10	9	12
38360	RX1330683	<0.005	<1	0.49	<2	<10	78	<2	12	0.35	<4	3	43	13	0.74	0.23	4	0.10	100	5	0.08	77	110	5	<5	<5	<0.01	<10	26	496	3	5	<10	9	8
38361	RX1330684	<0.005	<1	0.49	<2	<10	63	<2	10	0.27	<4	3	20	5	0.93	0.24	7	0.14	154	<1	0.05	28	116	6	<5	<5	<0.01	<10	15	594	4	6	<10	8	20
38362	RX1330685	<0.005	<1	0.39	<2	<10	74	<2	7	0.19	<4	3	28	12	0.63	0.26	4	0.09	116	1	0.07	45	103	2	<5	<5	<0.01	<10	6	259	4	3	<10	6	9
38363	RX1330686	0.110	<1	0.53	196	<10	81	<2	14	0.67	<4	28	31	47	4.37	0.05	6	1.99	690	<1	0.14	113	1188	8	<5	<5	<0.01	<10	36	1318	11	23	<10	12	62
38364	RX1330687	<0.005	<1	0.40	<2	<10	76	<2	11	0.19	<4	4	32	13	0.73	0.23	4	0.11	<100	2	0.06	56	112	6	<5	<5	<0.01	<10	16	483	3	5	<10	7	5
38365	RX1330688	<0.005	<1	0.89	<2	<10	59	<2	12	1.33	<4	8	21	18	1.52	0.27	7	0.48	247	<1	0.05	40	558	3	<5	<5	<0.01	<10	37	829	2	9	<10	<2	35
38366	RX1330689	0.011	<1	0.49	<2	<10	54	<2	13	0.37	<4	4	42	2	1.06	0.18	5	0.21	115	5	0.07	72	126	3	<5	<5	<0.01	<10	10	455	6	6	<10	9	8
38367	RX1330690	<0.005	<1	0.35	<2	<10	98	<2	9	0.05	<4	2	37	2	0.63	0.31	4	0.05	<100	5	0.06	71	<100	4	<5	<5	<0.01	<10	3	162	5	4	<10	5	7
38368	RX1330690	0.020	<1	0.94	<2	<10	54	<2	12	0.57	<4	7	20	<1	3.21	0.21	11	0.26	221	<1	0.09	45	354	6	<5	<5	<0.01	<10	10	613	5	14	<10	29	29

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

The results generated by this procedure are not accredited at this time and therefore are informational only.

Certified By: Jason Moore, General Manager

Friday, July 27, 2012

## Final Certificate

Iamgold  
 Chester 1 Camp, 3 Mesomikenda Lake Rd  
 Gogama, ON, CAN  
 P0M1W0  
 Ph#: (416) 363-8567  
 Fax#: (416) 216-8535  
 Email: jay\_jackson@iamgold.com, david\_rock@iamgold.com

Date Received: 06/12/2012

Date Completed: 07/10/2012

Job #: 201210259

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
44593	RX1330691	<0.005	<1	1.98	5	129	69	<2	10	1.34	<4	16	78	3	3.11	0.25	17	1.26	445	19	0.07	80	309	4	<5	5	0.01	<10	41	1941	10	51	<10	9	46
44594	RX1330692	<0.005	<1	0.55	4	122	64	<2	1	0.26	<4	2	17	1	0.77	0.28	3	0.14	<100	3	0.06	21	<100	8	<5	12	<0.01	<10	21	575	6	6	<10	10	6
44595	RX1330693	<0.005	<1	0.42	7	119	93	<2	<1	0.16	<4	1	15	9	0.50	0.32	2	0.05	<100	4	0.05	19	<100	8	<5	10	<0.01	<10	3	101	4	3	<10	8	<1
44596	RX1330694	0.005	<1	0.50	3	122	61	<2	16	0.18	<4	2	16	2	0.74	0.25	4	0.12	<100	4	0.06	22	<100	11	<5	12	<0.01	<10	11	436	3	4	<10	9	3
44597	RX1330695	<0.005	<1	0.79	4	110	57	<2	15	0.63	<4	4	31	3	0.91	0.14	3	0.22	<100	9	0.08	46	104	7	<5	11	<0.01	<10	61	845	6	12	<10	9	<1
44598	RX1330696	<0.005	<1	0.48	3	108	74	<2	4	0.35	<4	2	30	6	0.69	0.30	3	0.09	120	6	0.07	48	<100	10	<5	7	0.01	<10	8	268	5	4	<10	14	<1
44599	RX1330697	<0.005	<1	0.41	3	96	100	<2	17	0.11	<4	2	27	6	0.40	0.30	<1	0.04	<100	6	0.07	44	<100	7	<5	8	0.01	10	5	103	7	3	<10	7	<1
44600	RX1330698	<0.005	<1	1.92	3	108	35	<2	19	1.64	<4	26	15	189	5.30	0.30	9	0.69	407	13	0.18	29	583	6	<5	6	0.02	<10	21	3905	9	219	<10	16	29
44601	RX1330699	<0.005	<1	0.51	2	98	90	<2	<1	0.52	<4	3	17	4	0.46	0.23	2	0.07	100	3	0.07	27	<100	8	<5	8	0.01	<10	36	390	5	4	<10	13	<1
44602	RX1330700	<0.005	<1	1.89	3	102	134	<2	15	0.55	<4	14	15	5	2.90	1.55	19	1.04	366	13	0.04	31	418	5	<5	8	0.01	<10	21	1538	7	39	<10	8	40
44603D	RX1330700	<0.005	<1	1.98	5	102	139	<2	<1	0.57	<4	15	15	5	3.00	1.60	19	1.07	377	13	0.04	32	422	7	<5	10	0.01	<10	23	1615	5	41	<10	8	44
44604	RX1330701	<0.005	<1	0.45	3	102	93	<2	5	0.52	<4	2	22	3	0.58	0.28	2	0.08	112	4	0.08	33	<100	10	<5	9	0.01	<10	12	207	5	3	<10	8	1
44605	RX1330702	0.013	<1	0.41	4	112	61	<2	<1	0.34	<4	<1	22	3	0.43	0.24	1	0.07	113	4	0.06	30	<100	6	<5	11	<0.01	<10	4	244	6	4	<10	9	<1
44606	RX1330703	0.006	<1	1.63	3	110	49	<2	4	0.97	<4	11	19	2	2.47	0.15	13	0.92	427	13	0.07	34	258	9	<5	11	<0.01	11	48	1242	7	39	<10	12	42
44607	RX1330704	<0.005	<1	1.64	7	110	49	<2	8	1.22	<4	28	10	138	6.47	0.52	9	0.57	470	16	0.12	26	977	11	<5	<5	<0.01	<10	15	3431	11	252	<10	22	60
44608	RX1330705	0.014	<1	1.09	4	111	65	<2	<1	0.66	<4	6	31	5	1.50	0.36	9	0.33	218	10	0.10	50	169	7	<5	9	<0.01	10	33	1260	7	21	<10	11	20
44609	RX1330706	<0.005	<1	0.41	5	102	87	<2	14	0.11	<4	<1	23	3	0.32	0.26	<1	0.04	<100	5	0.07	37	<100	4	<5	7	<0.01	<10	6	152	5	3	<10	6	<1
44610	RX1330707	<0.005	<1	3.48	4	115	196	2	12	3.79	<4	39	412	6	6.52	1.46	29	3.95	1130	45	0.08	87	1676	7	<5	11	0.02	10	128	1773	17	212	<10	10	151
44611	RX1330708	0.007	<1	0.55	7	103	53	<2	<1	0.67	<4	8	144	2	2.43	0.16	2	0.36	263	9	0.14	43	740	9	<5	8	0.02	<10	38	<100	8	55	<10	5	10
44612	RX1330709	<0.005	<1	1.94	2	103	130	<2	<1	1.08	<4	12	36	11	2.61	0.68	16	0.85	397	15	0.09	75	243	8	<5	7	0.02	10	40	1317	5	39	<10	10	47

PROCEDURE CODES: ALP2, ALFA1, ALAR1

  
 Certified By: Derek Demianuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 27, 2012

## Final Certificate

Iamgold  
 Chester 1 Camp, 3 Mesomikenda Lake Rd  
 Gogama, ON, CAN  
 P0M1W0  
 Ph#: (416) 363-8567  
 Fax#: (416) 216-8535  
 Email: jay\_jackson@iamgold.com, david\_rock@iamgold.com

Date Received: 06/12/2012

Date Completed: 07/10/2012

Job #: 201210259

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
44613	RX1330710	0.008	<1	1.30	3	97	34	<2	<1	0.77	<4	9	29	3	2.08	0.13	9	0.56	287	10	0.08	48	226	10	<5	9	0.01	<10	71	941	8	22	<10	11	27
44614D	RX1330710	<0.005	<1	1.34	5	96	34	<2	3	0.78	<4	9	35	3	2.16	0.13	9	0.57	295	11	0.08	55	235	8	<5	6	0.01	<10	72	1013	7	23	<10	12	32
44615	RX1330711	0.008	<1	1.57	4	99	34	<2	2	0.92	<4	10	27	5	2.25	0.16	11	0.66	358	11	0.07	39	262	7	<5	6	0.02	10	47	1305	7	27	<10	8	32
44616	RX1330712	0.118	<1	3.05	30	106	29	<2	<1	1.07	<4	11	17	3509	3.30	0.74	5	1.81	266	90	0.15	9	516	9	<5	16	<0.01	<10	22	715	8	208	<10	9	96
44617	RX1330713	0.005	<1	1.15	4	101	55	<2	<1	0.73	<4	8	24	15	1.59	0.19	9	0.48	236	9	0.07	37	212	7	<5	9	<0.01	<10	39	1414	3	23	<10	8	20
44618	RX1330714	0.009	<1	0.98	3	100	47	<2	9	0.88	<4	4	29	7	1.07	0.15	2	0.22	118	7	0.08	39	204	7	<5	12	<0.01	<10	95	1250	6	15	<10	6	3
44619	RX1330715	<0.005	<1	1.10	4	105	83	<2	2	0.63	<4	6	34	3	1.40	0.30	8	0.36	194	10	0.09	49	275	6	<5	7	<0.01	10	46	975	4	18	<10	5	21
44620	RX1330716	0.006	<1	0.46	35	99	93	<2	21	0.69	<4	2	23	29	0.68	0.28	3	0.08	118	6	0.07	33	<100	11	<5	9	<0.01	<10	13	239	4	3	<10	8	9
44621	RX1330717	0.075	<1	0.51	36	92	59	<2	<1	0.03	<4	<1	24	7	0.72	0.39	1	0.02	<100	5	0.02	39	<100	10	<5	8	<0.01	11	4	<100	6	2	<10	3	42
44622	RX1330718	0.021	<1	0.48	6	90	97	<2	6	1.08	<4	<1	23	26	0.39	0.40	2	0.02	217	5	0.05	35	100	9	<5	10	<0.01	13	13	146	7	2	<10	9	<1
44623	RX1330719	<0.005	<1	0.50	3	94	80	<2	<1	0.50	<4	1	26	3	0.83	0.23	3	0.09	105	6	0.08	38	<100	7	<5	8	<0.01	11	9	295	5	4	<10	13	<1
44624	RX1330720	0.011	<1	0.53	5	86	65	<2	<1	0.45	<4	2	24	21	0.39	0.37	1	0.02	106	4	0.04	35	<100	31	<5	9	<0.01	<10	8	<100	6	2	<10	7	24
44625D	RX1330720	0.016	<1	0.54	5	86	66	<2	16	0.46	<4	2	24	21	0.40	0.37	1	0.03	107	5	0.04	35	102	28	<5	8	0.01	<10	8	<100	4	2	<10	8	26
44626	RX1330721	0.008	<1	0.55	5	94	71	<2	<1	0.44	<4	2	31	21	0.87	0.26	2	0.10	<100	8	0.08	45	<100	6	<5	9	<0.01	12	7	382	5	5	<10	13	<1
44627	RX1330722	<0.005	<1	0.43	4	92	99	<2	<1	0.37	<4	<1	25	3	0.34	0.30	<1	0.04	<100	6	0.07	42	<100	7	<5	8	<0.01	<10	9	<100	6	3	<10	8	47
44628	RX1330723	0.008	<1	0.84	4	90	72	<2	6	0.52	<4	3	24	3	1.01	0.23	5	0.20	124	6	0.08	29	152	6	<5	9	0.01	10	37	808	6	9	<10	10	19
44629	RX1330724	<0.005	<1	2.13	9	99	48	<2	14	1.80	<4	25	22	186	4.36	0.33	11	0.83	368	12	0.22	36	465	11	<5	7	<0.01	<10	22	3482	6	180	<10	12	55
44630	RX1330725	0.017	<1	2.05	4	96	44	<2	13	1.52	<4	20	17	139	4.56	0.35	7	0.52	289	13	0.31	30	754	13	<5	7	<0.01	<10	28	2651	9	208	<10	19	27
44631	RX1330726	0.009	<1	2.91	4	96	21	<2	5	2.46	<4	31	7	60	6.98	0.16	20	1.61	773	21	0.19	24	1227	7	<5	8	<0.01	<10	22	2413	7	191	<10	22	91
44632	RX1330727	0.010	<1	4.16	8	98	7	<2	24	1.24	4	44	60	87	8.88	0.02	41	2.65	899	32	0.05	53	807	42	5	<5	<0.01	<10	18	2380	8	247	<10	18	257

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 Certified By: Derek Demianuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 27, 2012

## Final Certificate

Iamgold  
 Chester 1 Camp, 3 Mesomikenda Lake Rd  
 Gogama, ON, CAN  
 P0M1W0  
 Ph#: (416) 363-8567  
 Fax#: (416) 216-8535  
 Email: jay\_jackson@iamgold.com, david\_rock@iamgold.com

Date Received: 06/12/2012

Date Completed: 07/10/2012

Job #: 201210259

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
44633	RX1330728	0.541	<1	2.33	4	95	24	<2	6	2.13	<4	30	7	44	5.85	0.20	14	1.31	755	16	0.17	19	973	6	<5	9	<0.01	<10	26	2558	8	157	<10	14	81
44634	RX1330729	0.027	<1	0.61	<2	86	25	<2	2	0.42	<4	2	18	8	0.95	0.10	3	0.15	106	5	0.08	26	112	9	<5	5	<0.01	<10	39	665	4	10	<10	13	4
44635	RX1330730	<0.005	<1	1.28	4	88	34	<2	10	0.13	<4	6	19	<1	2.44	0.11	8	1.08	325	17	0.08	32	152	6	<5	6	<0.01	<10	<3	755	6	19	10	19	27
44636D	RX1330730	<0.005	<1	1.34	4	100	35	<2	<1	0.13	<4	6	18	<1	2.55	0.11	8	1.14	340	18	0.08	34	151	5	<5	9	<0.01	10	<3	786	5	19	<10	20	30
44637	RX1330731	0.584	<1	0.92	3	88	49	<2	10	0.56	<4	5	22	4	1.50	0.16	8	0.34	226	8	0.07	28	166	8	<5	11	<0.01	<10	25	1190	5	16	<10	14	12
44638	RX1330732	1.562	<1	0.72	3	85	33	<2	<1	0.31	<4	4	20	6	0.85	0.20	9	0.23	118	8	0.08	27	<100	8	<5	11	<0.01	<10	13	752	7	14	<10	12	5
44639	RX1330733	0.006	<1	1.13	3	91	42	<2	12	0.90	<4	29	10	91	4.97	0.59	8	0.74	339	14	0.10	32	760	12	<5	10	<0.01	<10	22	2361	5	206	<10	10	22
44640	RX1330734	0.013	<1	0.92	4	86	97	<2	1	0.66	<4	5	19	5	1.42	0.44	7	0.23	178	7	0.07	23	178	7	<5	8	<0.01	<10	19	989	5	13	<10	16	7
44641	RX1330735	<0.005	<1	0.88	3	87	128	<2	<1	0.74	<4	5	25	2	1.42	0.51	8	0.23	215	8	0.08	36	160	4	<5	8	<0.01	10	14	901	4	9	<10	18	10
44642	RX1330736	6.247	<1	0.78	197	85	84	<2	<1	0.85	<4	28	33	46	4.44	0.07	4	2.07	711	25	0.21	113	1225	8	<5	9	<0.01	<10	47	1502	6	27	<10	12	58
44643	RX1330737	<0.005	<1	4.08	5	90	15	<2	17	3.00	<4	42	154	62	5.84	0.04	22	3.32	1049	35	0.03	125	229	9	<5	7	<0.01	<10	27	3686	15	141	<10	6	73
44644	RX1330738	0.285	<1	0.92	3	86	85	<2	<1	0.35	<4	5	27	5	1.45	0.28	5	0.31	216	9	0.08	41	168	3	<5	6	<0.01	<10	14	1110	4	15	<10	14	4
44645	RX1330739	0.006	<1	2.20	6	88	36	<2	13	1.86	<4	21	61	65	3.74	0.12	7	1.22	439	15	0.19	38	1135	7	<5	8	<0.01	11	28	2121	9	80	<10	11	40
44646	RX1330740	<0.005	<1	2.12	3	89	19	<2	16	1.84	<4	26	57	107	4.72	0.11	4	1.01	491	14	0.20	39	610	11	<5	5	<0.01	10	23	1993	3	199	<10	14	48
44647D	RX1330740	<0.005	<1	2.05	4	87	19	<2	21	1.80	<4	26	56	110	4.66	0.11	5	0.99	488	15	0.19	40	596	8	<5	8	<0.01	13	23	2000	7	196	<10	14	49
44648	RX1330741	<0.005	<1	0.84	6	90	97	<2	7	0.49	<4	5	32	6	1.37	0.30	4	0.34	208	10	0.07	43	172	6	<5	11	<0.01	11	7	703	5	12	<10	13	6
44649	RX1330742	<0.005	<1	0.80	5	83	92	<2	<1	0.19	<4	4	26	2	1.21	0.37	5	0.22	175	7	0.07	40	106	5	<5	8	<0.01	<10	12	720	5	10	<10	9	18
44650	RX1330743	<0.005	<1	0.98	6	83	75	<2	2	0.41	<4	5	32	2	1.58	0.38	7	0.34	194	11	0.07	47	285	6	<5	12	<0.01	<10	8	705	5	13	<10	7	28
44651	RX1330744	0.006	<1	1.91	3	90	38	<2	<1	2.11	<4	19	88	6	3.50	0.20	14	1.66	681	19	0.08	64	497	9	<5	9	<0.01	<10	23	2350	9	95	<10	13	56
44652	RX1330745	<0.005	<1	2.33	4	91	41	<2	13	1.88	<4	21	88	12	3.50	0.15	20	1.78	649	23	0.06	61	327	6	<5	7	<0.01	<10	30	1974	11	68	<10	12	55

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 Certified By: Derek Demianuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 27, 2012

## Final Certificate

Iamgold  
 Chester 1 Camp, 3 Mesomikenda Lake Rd  
 Gogama, ON, CAN  
 P0M1W0  
 Ph#: (416) 363-8567  
 Fax#: (416) 216-8535  
 Email: jay\_jackson@iamgold.com, david\_rock@iamgold.com

Date Received: 06/12/2012

Date Completed: 07/10/2012

Job #: 201210259

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
44653	RX1330746	0.008	<1	0.88	5	78	65	<2	5	0.44	<4	4	23	1	1.44	0.31	4	0.26	179	8	0.07	31	251	5	<5	8	<0.01	<10	3	802	5	9	<10	12	4
44654	RX1330747	0.006	<1	2.45	3	84	177	<2	6	1.43	<4	20	41	30	4.27	0.65	18	1.23	563	18	0.08	53	512	11	<5	8	0.02	<10	53	2250	6	81	<10	15	61
44655	RX1330748	0.015	<1	2.15	11	84	43	<2	17	1.73	<4	27	19	181	4.71	0.34	9	0.80	405	13	0.23	32	502	9	<5	5	0.01	<10	22	3843	7	165	<10	14	58
44656	RX1330749	<0.005	<1	0.90	4	84	54	<2	<1	0.56	<4	6	19	10	1.48	0.18	8	0.39	171	8	0.09	25	132	10	<5	7	0.01	<10	22	943	6	31	<10	20	53
44657	RX1330750	0.008	<1	2.01	4	84	44	<2	<1	1.71	<4	34	28	172	5.68	0.23	19	1.50	616	18	0.10	37	501	12	<5	<5	<0.01	10	15	4378	11	225	<10	15	72
44658R	RX1330750	0.008	<1	2.04	7	86	45	<2	<1	1.70	<4	35	27	172	5.74	0.23	19	1.52	615	21	0.10	35	513	12	<5	7	<0.01	11	15	4295	8	226	<10	15	70
44659	RX1330751																																		
44660	RX1330752																																		
44661	RX1330753																																		
44662	RX1330754																																		
44663	RX1330755																																		
44664	RX1330756																																		
44665	RX1330757																																		
44666	RX1330758																																		
44667	RX1330759																																		
44668	RX1330760																																		
44669D	RX1330760																																		
44670	RX1330761																																		
44671	RX1330762																																		
44672	RX1330763																																		

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 Certified By: Derek Demianuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 27, 2012

## Final Certificate

Iamgold  
 Chester 1 Camp, 3 Mesomikenda Lake Rd  
 Gogama, ON, CAN  
 P0M1W0  
 Ph#: (416) 363-8567  
 Fax#: (416) 216-8535  
 Email: jay\_jackson@iamgold.com, david\_rock@iamgold.com

Date Received: 06/12/2012

Date Completed: 07/10/2012

Job #: 201210259

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
44673	RX1330764																																		
44674	RX1330765																																		
44675	RX1330766																																		
44676	RX1330767																																		
44677	RX1330768																																		
44678	RX1330769																																		
44679	RX1330770																																		
44680D	RX1330770																																		
44681	RX1330771																																		
44682	RX1330772																																		
44683	RX1330773																																		
44684	RX1330774																																		
44685	RX1330775																																		
44686	RX1330776																																		
44687	RX1330777																																		
44688	RX1330778																																		
44689	RX1330779																																		
44690	RX1330780																																		
44691D	RX1330780																																		
44692	RX1330781	0.006	<1	2.17	3	77	74	<2	2	1.62	<4	29	9	196	6.38	0.41	9	0.68	515	15	0.28	20	996	15	<5	9	0.01	<10	26	3850	7	244	<10	23	74

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 Derek Demianuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 27, 2012

## Final Certificate

Iamgold  
 Chester 1 Camp, 3 Mesomikenda Lake Rd  
 Gogama, ON, CAN  
 P0M1W0  
 Ph#: (416) 363-8567  
 Fax#: (416) 216-8535  
 Email: jay\_jackson@iamgold.com, david\_rock@iamgold.com

Date Received: 06/12/2012

Date Completed: 07/10/2012

Job #: 201210259

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
44693	RX1330782	0.006	<1	2.26	4	75	15	<2	13	2.39	<4	28	63	100	4.55	0.07	6	1.48	680	18	0.22	41	345	6	<5	8	<0.01	15	14	3606	10	146	11	10	172
44694	RX1330783	0.008	<1	2.74	4	85	24	<2	19	2.30	<4	24	20	163	4.82	0.21	5	0.62	464	13	0.49	38	444	8	<5	7	<0.01	<10	42	3385	3	197	<10	15	71
44695	RX1330784	<0.005	<1	1.66	5	80	40	<2	<1	1.41	<4	14	52	26	2.75	0.18	8	0.88	412	14	0.17	45	234	8	<5	9	<0.01	<10	29	1673	9	69	<10	6	40
44696	RX1330785	0.006	<1	2.42	5	80	52	<2	18	1.81	<4	28	12	167	6.17	0.25	13	0.83	473	16	0.25	23	916	12	<5	5	<0.01	<10	28	3395	8	217	<10	21	61
44697	RX1330786	0.507	<1	0.76	182	77	83	<2	5	0.83	<4	28	39	46	4.38	0.06	4	2.02	696	24	0.20	112	1187	8	<5	<5	<0.01	<10	45	1466	12	28	<10	12	58
44698	RX1330787	0.007	<1	1.79	5	78	27	<2	<1	1.87	<4	22	15	38	3.86	0.19	10	0.96	511	12	0.14	32	653	9	<5	11	<0.01	10	56	3190	6	111	<10	15	52
44699	RX1330788	<0.005	<1	2.65	8	80	21	<2	2	1.83	<4	25	57	32	3.74	0.11	21	1.63	510	22	0.08	64	483	16	<5	5	<0.01	<10	59	2891	11	86	10	9	109
44700	RX1330789	0.005	<1	2.08	6	76	123	<2	27	1.52	<4	19	24	32	4.52	0.59	14	0.87	563	16	0.17	39	700	11	<5	9	<0.01	10	38	2452	7	67	<10	24	81
44701	RX1330790	0.006	<1	2.09	4	76	119	<2	1	1.36	<4	21	93	19	2.87	0.47	13	1.46	424	19	0.11	70	624	8	<5	6	<0.01	10	35	2391	6	70	<10	6	35
44702D	RX1330790	<0.005	<1	2.07	5	79	118	<2	<1	1.32	<4	21	91	20	2.80	0.46	13	1.45	417	18	0.10	69	609	8	<5	8	<0.01	<10	33	2338	8	69	<10	6	33
44703	RX1330791	0.006	<1	3.33	4	91	184	<2	12	2.28	<4	27	182	18	5.00	0.70	22	2.52	879	34	0.09	102	594	7	<5	6	<0.01	12	30	1833	8	116	<10	14	56
44704	RX1330792	0.012	<1	1.68	<2	87	103	<2	9	1.28	<4	17	88	32	2.58	0.34	9	1.21	348	15	0.16	62	532	5	<5	10	<0.01	10	26	1775	8	63	<10	5	27
44705	RX1330793	<0.005	<1	1.76	3	88	120	<2	11	1.67	<4	19	53	46	3.81	0.42	10	1.14	409	16	0.24	53	1066	5	<5	9	<0.01	11	37	1967	6	100	<10	12	43
44706	RX1330794	0.005	<1	0.74	4	84	86	<2	<1	0.42	<4	2	27	8	1.25	0.16	1	0.11	117	7	0.08	38	<100	8	<5	7	<0.01	<10	33	616	3	5	<10	11	2
44707	RX1330795	<0.005	<1	1.17	4	86	44	<2	8	0.78	<4	5	35	4	1.33	0.07	<1	0.34	163	10	0.12	57	107	4	<5	9	<0.01	11	62	1023	4	8	<10	8	4
44708	RX1330796	<0.005	<1	4.11	7	80	13	<2	24	3.35	<4	39	148	135	6.80	0.02	14	2.96	1097	34	0.03	85	268	9	5	7	0.01	<10	37	2780	14	200	<10	11	94
44709	RX1330797	<0.005	<1	2.56	5	79	10	<2	<1	5.05	<4	26	141	3	3.80	0.01	18	2.47	722	27	0.08	112	282	7	<5	5	<0.01	<10	31	1949	11	93	<10	7	39
44710	RX1330798	<0.005	<1	1.14	6	88	50	<2	6	1.14	<4	30	13	123	5.98	0.73	7	0.70	393	15	0.12	29	1402	15	<5	10	<0.01	11	23	2665	7	201	<10	13	60
44711	RX1330799	<0.005	<1	2.11	9	78	55	<2	2	1.43	<4	36	20	102	6.38	0.29	9	1.19	581	16	0.14	44	617	14	<5	5	<0.01	13	20	4043	7	250	<10	17	69
44712	RX1330800	<0.005	<1	3.28	6	84	42	<2	4	2.01	<4	28	32	22	3.51	0.06	6	1.91	571	23	0.05	55	198	8	<5	9	<0.01	<10	144	2317	7	97	<10	4	46

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 Certified By: Derek Demianuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 27, 2012

## Final Certificate

Iamgold  
 Chester 1 Camp, 3 Mesomikenda Lake Rd  
 Gogama, ON, CAN  
 P0M1W0  
 Ph#: (416) 363-8567  
 Fax#: (416) 216-8535  
 Email: jay\_jackson@iamgold.com, david\_rock@iamgold.com

Date Received: 06/12/2012

Date Completed: 07/10/2012

Job #: 201210259

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
44713D	RX1330800	<0.005	<1	3.08	4	79	39	<2	<1	1.90	<4	26	28	21	3.29	0.05	6	1.80	535	22	0.04	50	179	7	<5	9	<0.01	<10	137	2190	11	91	<10	4	41
44714	RX1330801	<0.005	<1	2.84	8	84	18	<2	<1	1.72	<4	29	117	52	4.39	0.02	4	1.48	701	16	0.05	56	293	8	<5	12	<0.01	<10	31	4271	4	126	<10	7	43
44715	RX1330802	<0.005	<1	1.55	5	75	67	<2	4	1.01	<4	9	18	13	2.73	0.12	4	0.42	380	11	0.06	19	256	7	<5	9	<0.01	<10	51	1280	5	8	<10	9	29
44716	RX1330803	<0.005	<1	1.22	4	77	67	<2	4	0.75	<4	7	43	2	1.90	0.13	5	0.35	258	12	0.10	66	195	6	<5	8	<0.01	<10	50	1244	6	20	<10	9	25
44717	RX1330804	0.006	<1	2.44	5	81	45	<2	16	1.73	<4	25	29	153	4.22	0.25	4	0.77	338	13	0.30	43	424	8	<5	10	<0.01	<10	31	3224	7	167	<10	11	44
44718	RX1330805	0.007	<1	2.52	6	83	30	<2	28	1.85	<4	25	12	148	4.53	0.19	5	0.74	359	12	0.26	34	465	8	<5	9	0.01	<10	30	3906	7	187	<10	12	56
44719	RX1330806	<0.005	<1	2.71	4	84	6	<2	6	1.50	<4	37	70	106	5.31	0.02	9	1.54	736	17	0.05	56	350	7	<5	8	<0.01	<10	19	4359	8	151	<10	10	61
44720	RX1330807	0.018	<1	2.41	3	82	30	<2	<1	1.77	<4	24	16	140	4.43	0.17	4	0.66	324	12	0.28	32	462	7	<5	10	<0.01	10	31	3351	5	185	<10	12	31
44721	RX1330808	<0.005	<1	4.17	8	85	136	<2	8	4.62	<4	31	119	2	4.60	0.28	12	3.56	918	40	0.04	160	<100	7	<5	7	0.01	<10	30	808	10	49	<10	3	57
44722	RX1330809	<0.005	<1	3.99	3	79	9	<2	16	2.81	<4	43	83	109	7.09	0.01	5	2.44	1072	30	0.03	48	374	13	<5	5	<0.01	11	42	4704	9	187	<10	11	89
44723	RX1330810	<0.005	<1	3.27	5	80	8	<2	<1	1.99	<4	36	76	87	5.63	0.02	10	1.77	760	22	0.04	49	368	8	<5	5	<0.01	<10	62	4576	10	147	<10	10	68
44724R	RX1330810	<0.005	<1	3.32	4	86	8	<2	3	2.02	<4	37	76	89	5.69	0.02	10	1.78	764	21	0.04	50	370	4	5	6	<0.01	<10	63	4526	9	149	<10	10	66
44725	RX1330811	<0.005	<1	2.06	3	77	10	<2	3	1.96	<4	10	38	11	2.35	0.02	3	0.48	343	10	0.05	46	182	8	<5	9	0.01	<10	124	1795	4	35	<10	9	16
44726	RX1330812	0.095	<1	3.16	30	85	29	<2	<1	1.11	<4	11	17	3612	3.39	0.74	4	1.86	274	91	0.15	10	521	11	<5	18	<0.01	11	23	734	4	215	<10	9	64
44727	RX1330813	<0.005	<1	2.26	4	85	36	<2	16	1.82	<4	23	16	134	3.92	0.24	41	0.63	365	12	0.26	36	333	9	<5	7	<0.01	11	33	3233	4	176	<10	13	27
44728	RX1330814	<0.005	<1	0.67	3	76	110	<2	<1	0.40	<4	2	19	8	1.15	0.36	2	0.09	173	5	0.06	31	<100	6	<5	8	<0.01	<10	17	800	6	5	<10	10	15
44729	RX1330815	<0.005	<1	3.25	3	84	45	<2	25	2.89	<4	47	5	105	7.40	0.18	10	1.49	747	20	0.07	40	242	8	<5	8	<0.01	12	54	5789	9	520	<10	9	62
44730	RX1330816	<0.005	<1	1.02	3	81	84	<2	12	0.45	<4	8	36	24	1.92	0.10	2	0.39	261	12	0.13	64	196	4	<5	10	<0.01	<10	25	1404	3	29	<10	10	19
44731	RX1330817	<0.005	<1	3.11	4	80	146	<2	11	1.89	<4	35	107	72	4.90	0.53	8	1.63	650	20	0.07	71	317	4	<5	9	<0.01	10	109	4131	7	139	<10	8	62
44732	RX1330818	0.010	<1	2.42	4	89	53	<2	10	1.85	<4	25	21	161	4.80	0.20	5	0.74	384	14	0.31	35	487	9	<5	8	<0.01	<10	35	3062	6	201	<10	12	33

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 Certified By: Derek Demianuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Friday, July 27, 2012

## Final Certificate

Iamgold  
 Chester 1 Camp, 3 Mesomikenda Lake Rd  
 Gogama, ON, CAN  
 P0M1W0  
 Ph#: (416) 363-8567  
 Fax#: (416) 216-8535  
 Email: jay\_jackson@iamgold.com, david\_rock@iamgold.com

Date Received: 06/12/2012

Date Completed: 07/10/2012

Job #: 201210259

Reference: RX sample series

Sample #: 140

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
44733	RX1330819	<0.005	<1	1.14	4	75	54	<2	2	0.93	<4	3	24	3	1.29	0.05	4	0.19	159	13	0.07	37	<100	6	<5	6	<0.01	10	67	688	6	6	<10	9	2
44734	RX1330820	<0.005	<1	1.85	3	80	45	<2	4	0.21	<4	12	27	2	3.94	0.15	5	1.55	441	22	0.04	40	<100	9	<5	9	0.01	<10	3	880	4	26	<10	6	44
44735D	RX1330820	<0.005	<1	1.94	4	77	48	<2	<1	0.21	<4	12	29	<1	2.72	0.16	5	1.62	409	22	0.04	45	<100	6	<5	8	<0.01	<10	<3	959	11	30	<10	6	43
44736	RX1330821	0.006	<1	3.03	4	83	52	<2	3	1.98	<4	28	27	148	5.01	0.16	8	1.15	469	16	0.47	41	502	9	<5	7	<0.01	11	40	2433	8	175	<10	9	54
44737	RX1330822	<0.005	<1	0.24	4	81	12	<2	<1	0.09	<4	1	34	3	1.06	0.04	<1	0.11	<100	7	0.12	32	<100	5	<5	12	<0.01	14	3	323	7	20	<10	14	1
44738	RX1330823	<0.005	<1	0.15	4	80	18	<2	<1	0.09	<4	<1	22	<1	0.78	0.03	<1	0.02	<100	5	0.10	25	<100	6	<5	7	<0.01	10	4	480	4	4	<10	20	<1
44739	RX1330824	<0.005	<1	1.04	2	80	48	<2	12	1.05	<4	30	15	122	5.99	0.65	6	0.63	407	15	0.12	36	1357	16	<5	10	<0.01	10	22	2975	8	203	<10	13	63
44740	RX1330825	<0.005	<1	0.41	4	74	31	<2	4	0.49	<4	2	22	3	1.52	0.10	3	0.22	118	8	0.11	34	<100	8	<5	5	<0.01	10	4	402	6	4	<10	15	6
44741	RX1330826	<0.005	<1	1.13	3	71	42	<2	3	0.69	<4	6	27	<1	1.60	0.10	8	0.45	192	11	0.08	39	180	5	<5	10	<0.01	10	49	1104	5	15	<10	10	7
44742	RX1330827	<0.005	<1	4.90	7	80	4	<2	23	3.87	4	35	143	<1	9.26	<0.01	59	4.33	1529	49	0.02	52	386	10	<5	6	<0.01	<10	7	1962	11	219	<10	28	106
44743	RX1330828	<0.005	<1	1.58	4	73	27	<2	3	2.30	<4	12	14	2	3.32	0.09	12	0.67	445	12	0.07	19	557	3	<5	7	<0.01	14	17	2496	9	20	<10	12	37
44744	RX1330829	<0.005	<1	1.04	4	73	50	<2	5	2.78	<4	7	24	2	1.73	0.08	8	0.77	432	12	0.06	36	295	5	<5	9	<0.01	10	8	670	6	35	<10	10	15
44745	RX1330830	<0.005	<1	5.74	5	77	3	<2	3	2.44	4	55	167	8	8.29	0.02	37	4.20	1247	44	0.01	128	698	8	<5	7	<0.01	10	49	6174	13	147	<10	9	110
44746D	RX1330830	<0.005	<1	5.79	4	74	3	<2	18	2.49	<4	56	170	9	8.37	0.02	37	4.22	1259	43	0.01	130	698	8	<5	8	<0.01	<10	50	6286	17	149	<10	9	110

PROCEDURE CODES: ALP2, ALFA1, ALAR1

 Certified By:   
 Derek Demianuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

The results generated by this procedure are not accredited at this time and therefore are informational only.

Thursday, July 5, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/20/2012

Job #: 201210213

Reference: RX sample series

Sample #: 100

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38369	RX1377001	<0.005	<1	0.95	<2	<10	55	<2	12	0.57	<4	7	19	<1	3.21	0.21	11	0.27	221	<1	0.09	31	356	6	<5	<5	<0.01	<10	10	639	3	15	<10	29	30
38523	RX1377002	<0.005	<1	0.46	<2	<10	68	<2	11	0.36	<4	5	25	9	2.76	0.17	4	0.14	169	<1	0.11	39	245	9	<5	<5	<0.01	<10	12	362	10	4	<10	13	19
38524	RX1377003	<0.005	<1	0.37	<2	<10	15	<2	6	0.59	<4	4	85	5	0.99	0.06	6	0.32	171	5	0.02	85	116	3	<5	<5	<0.01	<10	16	<100	10	21	<10	2	15
38525	RX1377004	0.007	<1	0.61	<2	<10	44	<2	13	0.10	<4	10	32	25	3.80	0.23	4	0.08	333	2	0.08	54	420	9	<5	<5	<0.01	<10	4	379	11	4	<10	7	22
38526	RX1377005	<0.005	<1	1.73	<2	<10	78	<2	16	0.45	4	12	24	<1	7.83	0.35	15	0.51	531	<1	0.05	43	773	7	<5	<5	<0.01	<10	12	755	9	34	<10	14	55
38527	RX1377006	0.252	1	1.06	<2	<10	58	<2	18	0.11	<4	6	17	94	2.60	0.31	7	0.24	<100	<1	0.02	31	579	10	<5	<5	<0.01	<10	9	116	4	2	<10	20	15
38528	RX1377007	<0.005	<1	0.70	<2	<10	119	<2	7	0.53	<4	5	22	2	2.53	0.47	9	0.13	231	<1	0.06	37	135	7	<5	<5	<0.01	<10	6	593	6	3	<10	6	19
38529	RX1377008	<0.005	<1	0.81	<2	<10	6	<2	11	0.35	<4	5	23	<1	2.48	0.03	8	0.26	166	<1	0.09	38	365	4	<5	<5	<0.01	<10	4	547	4	13	<10	20	23
38530	RX1377009	<0.005	<1	0.87	<2	<10	22	<2	6	0.14	<4	4	24	2	2.50	0.16	8	0.25	133	<1	0.06	41	235	7	<5	<5	<0.01	<10	3	441	7	8	<10	6	24
38531	RX1377010	<0.005	<1	0.51	<2	<10	16	<2	11	0.18	<4	4	17	3	2.35	0.04	4	0.18	162	<1	0.07	27	163	4	<5	<5	<0.01	<10	7	266	8	3	<10	9	18
38532D	RX1377010	<0.005	<1	0.50	<2	<10	16	<2	9	0.17	<4	4	17	3	2.32	0.04	4	0.17	161	<1	0.07	29	159	3	<5	<5	<0.01	<10	6	282	7	3	<10	9	17
38533	RX1377011	<0.005	<1	0.60	<2	<10	15	<2	9	0.16	<4	1	17	<1	0.92	0.11	9	0.25	<100	<1	0.07	26	344	5	<5	<5	<0.01	<10	5	<100	5	3	<10	9	11
38534	RX1377012	0.105	<1	2.52	22	<10	22	<2	8	1.03	<4	11	17	3560	3.27	0.62	6	1.74	262	68	0.13	11	522	10	<5	5	<0.01	<10	21	607	12	188	<10	9	72
38535	RX1377013	<0.005	<1	1.42	<2	<10	41	<2	11	0.79	<4	12	26	9	3.51	0.20	22	0.73	337	<1	0.06	29	501	6	<5	<5	<0.01	<10	7	405	7	27	<10	16	43
38536	RX1377014	<0.005	<1	3.16	<2	<10	31	<2	15	1.64	<4	20	30	1	5.22	0.10	22	2.19	920	<1	0.04	48	474	4	<5	<5	<0.01	<10	18	671	18	74	<10	11	93
38537	RX1377015	<0.005	<1	3.81	<2	<10	268	<2	21	1.11	<4	26	57	<1	6.88	1.09	28	2.59	709	<1	0.05	62	393	5	<5	<5	<0.01	<10	26	1779	8	104	<10	10	96
38538	RX1377016	<0.005	<1	1.56	<2	<10	55	<2	13	1.94	<4	10	21	11	2.91	0.18	12	0.97	717	<1	0.03	27	300	8	<5	<5	<0.01	<10	26	184	4	12	<10	9	95
38539	RX1377017	<0.005	<1	1.04	<2	<10	120	<2	18	0.57	<4	7	12	1	2.80	0.52	12	0.28	223	<1	0.06	20	280	6	<5	<5	<0.01	<10	7	716	6	3	<10	15	24
38540	RX1377018	<0.005	<1	0.51	<2	<10	87	<2	6	0.14	<4	4	20	6	2.75	0.23	5	0.20	111	<1	0.08	31	252	6	<5	<5	<0.01	<10	7	548	10	6	<10	14	14
38541	RX1377019	<0.005	<1	0.63	<2	<10	43	<2	10	0.26	<4	4	25	4	1.87	0.24	5	0.21	202	<1	0.04	37	186	7	<5	<5	<0.01	<10	6	164	3	2	<10	7	17

PROCEDURE CODES: ALP2, ALFA1, ALAR1



Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Thursday, July 5, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/20/2012

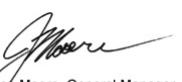
Job #: 201210213

Reference: RX sample series

Sample #: 100

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38542	RX1377020	<0.005	<1	0.52	<2	<10	70	<2	7	0.16	<4	4	23	35	1.85	0.33	6	0.07	181	<1	0.06	30	153	5	<5	<5	<0.01	<10	4	379	8	2	<10	8	19
38543D	RX1377020	<0.005	<1	0.52	<2	<10	70	<2	13	0.16	<4	4	24	34	1.84	0.33	6	0.07	179	<1	0.06	38	152	4	<5	<5	<0.01	<10	4	380	10	2	<10	8	18
38544	RX1377021	<0.005	<1	2.12	<2	<10	47	<2	9	1.23	<4	14	9	<1	6.28	0.37	17	0.66	338	<1	0.04	15	873	7	<5	<5	<0.01	<10	19	768	15	26	<10	18	55
38545	RX1377022	<0.005	<1	1.42	<2	<10	39	<2	13	0.87	<4	10	14	<1	4.06	0.30	13	0.48	246	<1	0.05	26	627	7	<5	<5	<0.01	<10	14	858	3	18	<10	13	41
38546	RX1377023	0.006	<1	2.17	<2	<10	25	<2	19	1.79	<4	22	26	164	4.46	0.22	9	0.56	376	<1	0.32	47	491	7	<5	<5	<0.01	<10	31	3187	8	145	<10	14	43
38547	RX1377024	<0.005	<1	1.87	<2	<10	22	<2	15	1.37	<4	21	9	53	5.13	0.14	17	0.77	317	<1	0.11	24	765	7	<5	<5	<0.01	<10	32	3102	7	93	<10	41	42
38548	RX1377025	<0.005	<1	0.61	<2	<10	54	<2	14	0.39	<4	6	21	5	2.26	0.35	7	0.09	220	<1	0.07	36	223	7	<5	<5	<0.01	<10	5	525	8	4	<10	10	15
38549	RX1377026	<0.005	<1	0.98	<2	<10	97	<2	11	0.91	<4	7	14	4	2.65	0.66	15	0.24	304	<1	0.05	24	511	6	<5	<5	<0.01	<10	10	846	5	5	<10	10	18
38550	RX1377027	0.012	<1	0.65	<2	<10	57	<2	7	0.22	<4	4	23	94	1.76	0.37	6	0.11	103	<1	0.06	39	122	5	<5	<5	<0.01	<10	5	422	8	3	<10	7	20
38551	RX1377028	0.015	<1	0.78	<2	<10	147	<2	9	0.40	<4	4	24	80	1.64	0.36	8	0.10	137	2	0.06	41	177	6	<5	<5	<0.01	<10	7	183	9	3	<10	8	13
38552	RX1377029	<0.005	<1	2.77	<2	<10	21	<2	15	1.53	<4	17	9	2	5.69	0.08	15	1.63	790	<1	0.04	20	783	7	<5	<5	<0.01	<10	16	131	17	30	<10	6	89
38553	RX1377030	<0.005	<1	2.00	<2	<10	143	<2	18	0.58	<4	17	14	<1	5.83	1.09	28	0.49	279	<1	0.05	21	694	7	<5	<5	<0.01	<10	12	1581	16	14	<10	26	36
38554D	RX1377030	<0.005	<1	2.06	<2	<10	147	<2	8	0.60	<4	18	17	<1	5.97	1.12	29	0.50	287	<1	0.05	26	718	8	<5	<5	<0.01	<10	13	1636	3	14	<10	26	34
38555	RX1377031	<0.005	<1	2.70	<2	<10	196	<2	16	0.71	4	21	13	<1	7.57	1.92	41	0.70	300	<1	0.06	24	802	6	<5	<5	<0.01	10	14	2724	9	31	<10	25	41
38556	RX1377032	<0.005	<1	1.24	<2	<10	37	<2	15	1.06	<4	10	10	4	2.98	0.21	11	0.54	259	<1	0.05	16	431	5	<5	<5	<0.01	<10	19	352	6	8	<10	10	29
38557	RX1377033	<0.005	<1	2.16	<2	<10	16	2	10	1.51	<4	16	9	2	5.47	0.04	21	0.85	316	<1	0.07	17	889	7	<5	<5	<0.01	<10	42	2808	6	27	<10	58	40
38558	RX1377034	<0.005	<1	0.74	<2	<10	44	<2	9	1.25	<4	4	18	5	2.46	0.25	6	0.09	257	<1	0.05	29	134	6	<5	<5	<0.01	<10	13	108	7	2	<10	9	18
38559	RX1377035	<0.005	<1	1.10	<2	<10	25	<2	9	1.11	<4	6	12	1	3.05	0.08	8	0.33	348	<1	0.06	22	622	7	<5	<5	<0.01	<10	9	766	2	18	<10	39	37
38560	RX1377036	0.524	<1	0.62	200	<10	81	<2	13	0.74	<4	29	33	48	4.52	0.06	6	2.05	715	<1	0.17	116	1225	6	<5	<5	<0.01	<10	40	1535	11	25	<10	13	66
38561	RX1377037	<0.005	<1	0.86	2	<10	54	<2	10	0.87	<4	6	14	2	3.22	0.23	6	0.25	305	<1	0.06	25	273	7	<5	<5	<0.01	<10	19	174	10	3	<10	11	23

PROCEDURE CODES: ALP2, ALFA1, ALAR1



Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Thursday, July 5, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/20/2012

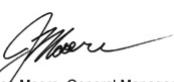
Job #: 201210213

Reference: RX sample series

Sample #: 100

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38562	RX1377038	0.005	<1	1.78	<2	<10	27	<2	11	1.69	<4	19	20	143	3.87	0.22	8	0.43	316	<1	0.19	36	417	6	<5	<5	<0.01	<10	23	2316	5	157	<10	13	35
38563	RX1377039	<0.005	<1	0.90	<2	<10	46	<2	10	0.23	<4	5	18	2	2.49	0.25	8	0.21	209	<1	0.09	30	258	4	<5	<5	<0.01	<10	6	568	9	3	<10	9	22
38564	RX1377040	<0.005	<1	0.80	209	<10	18	<2	11	1.05	<4	4	26	3	2.99	0.08	6	0.16	401	<1	0.09	45	189	7	<5	<5	<0.01	<10	14	102	10	3	<10	10	29
38565D	RX1377040	<0.005	<1	0.74	188	<10	17	<2	11	1.01	<4	4	24	3	2.85	0.07	6	0.15	382	<1	0.08	36	176	6	<5	<5	<0.01	<10	13	<100	10	3	<10	10	27
38566	RX1377041	<0.005	<1	0.67	<2	<10	33	<2	7	1.32	<4	11	11	108	2.06	0.16	7	0.17	274	<1	0.03	18	193	7	<5	<5	<0.01	<10	12	<100	8	<2	<10	11	14
38567	RX1377042	<0.005	<1	0.66	<2	<10	19	<2	10	0.17	<4	5	21	1	2.99	0.06	7	0.19	152	<1	0.10	36	206	3	<5	<5	<0.01	<10	6	367	6	4	<10	16	22
38568	RX1377043	<0.005	<1	1.68	<2	<10	39	<2	13	1.53	<4	22	33	145	4.30	0.22	9	0.72	357	<1	0.27	43	380	6	<5	<5	<0.01	<10	25	1957	4	162	<10	11	31
38569	RX1377044	<0.005	<1	1.02	<2	<10	10	<2	8	0.23	<4	8	22	10	4.34	0.02	8	0.46	211	<1	0.10	36	363	6	<5	<5	<0.01	<10	6	566	2	23	<10	20	35
38570	RX1377045	<0.005	<1	0.83	<2	<10	15	<2	11	0.87	<4	5	21	2	2.58	0.08	6	0.17	206	<1	0.08	35	256	6	<5	<5	<0.01	<10	15	348	8	7	<10	11	23
38571	RX1377046	0.022	<1	0.57	<2	<10	105	<2	13	0.04	<4	12	56	191	3.30	0.37	6	0.09	105	9	0.06	106	160	7	<5	<5	<0.01	<10	<3	312	8	5	23	3	18
38572	RX1377047	0.019	<1	0.57	<2	<10	75	<2	16	0.09	<4	15	21	210	4.38	0.47	5	0.10	127	<1	0.02	36	242	7	<5	<5	<0.01	<10	<3	224	4	3	34	6	23
38573	RX1377048	<0.005	<1	0.97	<2	<10	42	<2	12	0.96	<4	29	12	138	5.80	0.32	10	0.67	438	<1	0.09	31	1331	17	<5	<5	<0.01	<10	17	2935	6	171	<10	12	51
38574	RX1377049	<0.005	<1	0.41	<2	<10	18	<2	12	0.34	<4	1	26	2	0.99	0.06	5	0.14	<100	2	0.12	42	294	5	<5	<5	<0.01	<10	10	149	5	6	<10	10	10
38575	RX1377050	0.192	<1	0.83	<2	<10	56	<2	8	0.20	<4	4	26	11	2.64	0.18	7	0.23	147	29	0.11	48	223	4	<5	<5	<0.01	<10	5	449	7	4	<10	10	44
38576D	RX1377050	0.195	<1	0.85	<2	<10	57	<2	11	0.20	<4	4	28	12	2.71	0.18	8	0.23	152	32	0.11	52	231	6	<5	<5	<0.01	<10	5	461	3	4	<10	10	28
38577	RX1377051	0.007	<1	0.80	<2	<10	102	<2	5	0.48	<4	6	27	5	3.16	0.36	7	0.17	178	3	0.10	48	252	7	<5	<5	<0.01	<10	10	685	5	5	<10	17	24
38578	RX1377052	<0.005	<1	0.38	<2	<10	51	<2	10	0.04	<4	2	22	2	1.17	0.21	3	0.07	172	3	0.04	37	<100	5	<5	<5	<0.01	<10	4	109	9	2	<10	7	18
38579	RX1377053	<0.005	<1	0.39	<2	<10	52	<2	5	0.03	<4	2	23	2	1.16	0.21	3	0.06	170	3	0.04	40	<100	7	<5	<5	<0.01	<10	4	118	3	2	<10	8	18
38580	RX1377054	0.005	<1	0.69	<2	<10	43	<2	9	0.02	<4	5	31	2	2.35	0.26	6	0.10	102	2	0.06	54	<100	4	<5	<5	<0.01	<10	<3	309	11	3	<10	6	25
38581	RX1377055	0.010	<1	0.51	<2	<10	65	<2	6	0.10	<4	1	40	9	1.28	0.31	4	0.04	186	5	0.03	68	115	10	<5	<5	<0.01	<10	4	<100	7	3	<10	5	16

PROCEDURE CODES: ALP2, ALFA1, ALAR1



Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Thursday, July 5, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/20/2012

Job #: 201210213

Reference: RX sample series

Sample #: 100

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38582	RX1377056	0.007	<1	1.56	<2	<10	76	<2	15	0.36	<4	10	25	20	4.59	0.48	12	0.54	339	1	0.05	44	653	8	<5	<5	<0.01	<10	6	650	6	6	<10	9	88
38583	RX1377057	0.007	<1	0.83	<2	<10	92	<2	11	0.39	<4	6	29	8	2.84	0.37	9	0.24	186	2	0.11	51	569	7	<5	<5	<0.01	<10	15	799	3	7	<10	35	27
38584	RX1377058	0.007	<1	1.18	<2	<10	32	<2	13	0.72	<4	15	59	46	2.48	0.14	9	0.91	324	<1	0.09	53	136	4	<5	<5	<0.01	<10	4	1239	6	46	<10	9	42
38585	RX1377059	0.008	<1	1.48	<2	<10	81	<2	12	0.62	<4	12	55	5	2.44	0.35	15	0.97	354	<1	0.06	54	370	6	<5	<5	<0.01	<10	17	1069	8	38	<10	6	55
38586	RX1377060	0.008																																	
38587R	RX1377060	0.007	<1	1.90	<2	<10	101	<2	8	1.74	<4	18	18	22	4.96	0.40	14	0.75	538	<1	0.19	36	747	6	<5	<5	<0.01	<10	13	1783	13	51	<10	14	64
38588	RX1377061	<0.005	<1	1.26	<2	<10	193	<2	4	0.71	<4	13	46	8	2.63	0.53	18	0.80	337	3	0.14	71	436	6	<5	<5	<0.01	<10	25	1722	6	55	<10	4	51
38589	RX1377062	1.818	<1	0.74	721	<10	128	<2	17	0.93	<4	29	35	73	6.00	0.06	6	2.04	1323	<1	0.16	117	1510	13	5	<5	<0.01	<10	41	1232	14	33	<10	13	80
38590	RX1377063	0.006	<1	2.17	<2	<10	29	<2	5	1.55	<4	26	17	38	5.17	0.12	18	1.19	555	<1	0.09	32	862	5	<5	<5	<0.01	<10	25	2237	8	85	<10	15	97
38591	RX1377064	<0.005	<1	1.59	<2	<10	190	<2	10	0.79	<4	15	72	9	2.54	0.72	17	1.12	383	1	0.08	78	358	5	<5	<5	<0.01	<10	21	1751	13	41	<10	7	50
38592	RX1377065	<0.005	<1	1.52	<2	<10	18	<2	16	1.43	<4	27	11	123	4.59	0.20	15	0.65	264	<1	0.09	36	514	8	<5	<5	<0.01	<10	9	3703	7	186	<10	13	48
38593	RX1377066	<0.005	<1	1.46	<2	<10	24	<2	9	0.99	<4	25	11	139	4.76	0.32	11	0.59	269	<1	0.16	37	531	6	<5	<5	<0.01	<10	14	2735	5	202	<10	15	35
38594	RX1377067	0.007	<1	0.76	<2	<10	45	<2	7	0.46	<4	6	44	11	1.81	0.09	8	0.32	255	6	0.10	81	201	3	<5	<5	<0.01	<10	59	1394	4	12	<10	21	18
38595	RX1377068	<0.005	<1	2.50	<2	<10	494	<2	7	0.36	<4	22	40	<1	5.51	2.07	35	1.41	483	2	0.07	73	638	8	<5	<5	<0.01	<10	10	3403	6	112	<10	13	94
38596	RX1377069	<0.005	<1	3.07	<2	<10	119	<2	18	1.26	4	31	20	7	7.12	0.36	21	1.62	795	<1	0.04	50	520	10	<5	<5	<0.01	<10	10	1297	9	184	<10	18	132
38597	RX1377070	<0.005	<1	1.61	<2	<10	31	<2	13	0.95	<4	21	30	38	3.59	0.15	11	1.08	412	<1	0.11	60	354	9	<5	<5	<0.01	<10	9	1594	7	56	<10	8	60
38598D	RX1377070	<0.005	<1	1.88	8	58	35	<2	6	1.23	<4	23	35	40	4.03	0.18	12	1.21	477	3	0.13	64	360	6	<5	<5	0.01	<10	13	1989	6	69	<10	10	118
38599	RX1377071	<0.005	<1	0.91	<2	<10	135	<2	13	0.35	<4	6	15	4	2.27	0.67	13	0.25	366	<1	0.08	24	205	5	<5	<5	<0.01	<10	9	1368	3	10	<10	20	41
38600	RX1377072	<0.005	<1	1.46	<2	<10	118	<2	17	0.65	<4	11	25	4	4.50	0.38	14	0.60	507	<1	0.06	37	519	5	<5	<5	<0.01	<10	12	1134	4	28	<10	14	86
38601	RX1377073	<0.005	<1	3.06	<2	<10	21	<2	10	1.18	<4	32	101	16	4.75	0.14	20	2.38	556	<1	0.13	138	166	7	<5	<5	<0.01	<10	9	1350	10	70	<10	6	65

PROCEDURE CODES: ALP2, ALFA1, ALAR1



Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Thursday, July 5, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/20/2012

Job #: 201210213

Reference: RX sample series

Sample #: 100

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38602	RX1377074	<0.005	<1	1.26	<2	<10	39	<2	16	1.02	<4	27	18	158	5.34	0.48	9	0.60	399	<1	0.15	37	1082	12	<5	<5	<0.01	<10	18	2989	5	185	<10	14	60
38603	RX1377075	<0.005	<1	1.67	<2	<10	34	<2	17	1.42	<4	18	13	54	6.23	0.18	12	0.71	644	<1	0.16	25	1736	6	<5	<5	<0.01	<10	10	1842	16	49	<10	23	84
38604	RX1377076	<0.005	<1	1.27	<2	<10	120	<2	14	0.67	<4	13	33	61	2.27	0.50	13	0.77	263	<1	0.08	41	418	6	<5	<5	<0.01	<10	13	1683	11	36	<10	5	53
38605	RX1377077	<0.005	<1	0.90	<2	<10	186	<2	14	0.25	<4	6	20	2	2.12	0.65	11	0.27	305	<1	0.08	31	207	5	<5	<5	<0.01	<10	9	1139	8	12	<10	15	36
38606	RX1377078	<0.005	<1	1.66	<2	<10	176	<2	9	0.96	<4	15	78	23	2.40	0.70	18	0.98	320	<1	0.10	68	443	8	<5	<5	<0.01	<10	22	1826	4	49	<10	6	44
38607	RX1377079	<0.005	<1	1.03	<2	<10	166	<2	14	0.40	<4	7	26	3	2.33	0.48	13	0.36	254	<1	0.10	46	255	6	<5	<5	<0.01	<10	12	1301	8	16	<10	10	35
38608	RX1377080	<0.005	<1	1.11	<2	<10	94	<2	12	0.20	<4	13	21	79	2.95	0.50	16	0.75	224	<1	0.05	34	357	27	<5	<5	<0.01	<10	6	1513	3	22	<10	17	47
38609D	RX1377080	<0.005	<1	1.08	<2	<10	91	<2	11	0.19	<4	13	20	78	2.95	0.50	15	0.74	220	<1	0.05	33	359	24	<5	<5	<0.01	<10	6	1420	9	21	<10	16	52
38610	RX1377081	<0.005	<1	1.24	<2	<10	39	<2	9	0.83	<4	26	10	161	5.55	0.34	10	0.57	325	<1	0.10	31	973	9	<5	<5	<0.01	<10	11	2626	6	269	<10	17	42
38611	RX1377082	<0.005	<1	0.55	<2	<10	47	<2	13	0.81	<4	4	16	11	2.04	0.15	6	0.20	184	<1	0.07	26	196	4	<5	<5	<0.01	<10	9	949	5	9	<10	20	11
38612	RX1377083	0.022	<1	0.87	<2	<10	25	<2	10	0.47	<4	8	19	24	2.28	0.10	9	0.36	233	<1	0.08	32	238	2	<5	<5	<0.01	<10	22	1357	5	13	<10	21	25
38613	RX1377084	<0.005	<1	1.57	<2	<10	194	<2	8	0.40	<4	13	31	<1	2.74	1.08	22	0.91	302	<1	0.07	39	221	6	<5	<5	<0.01	<10	16	1805	5	47	<10	8	46
38614	RX1377085	0.006	<1	3.95	<2	<10	81	<2	25	2.35	4	48	123	52	8.47	0.39	34	3.05	1097	<1	0.03	117	350	11	<5	<5	<0.01	<10	25	3920	17	185	<10	14	153
38615	RX1377086	0.518	<1	0.61	199	<10	81	<2	9	0.73	<4	29	33	48	4.52	0.06	6	2.08	718	<1	0.16	118	1240	7	<5	<5	<0.01	<10	39	1464	9	24	<10	13	65
38616	RX1377087	<0.005	<1	0.18	<2	<10	6	<2	8	0.06	<4	<1	18	2	0.30	0.02	3	0.02	<100	<1	0.12	30	<100	6	<5	<5	<0.01	<10	16	<100	4	5	<10	4	6
38617	RX1377088	<0.005	<1	1.39	<2	<10	49	<2	6	0.67	<4	16	56	20	2.46	0.22	12	0.99	275	<1	0.08	55	184	4	<5	<5	<0.01	<10	11	1583	6	43	<10	5	41
38618	RX1377089	<0.005	<1	2.19	<2	<10	560	2	8	1.80	<4	23	35	25	4.76	2.07	41	1.87	891	<1	0.11	38	2225	10	<5	<5	<0.01	<10	159	3394	13	118	<10	17	91
38619	RX1377090	<0.005	<1	1.70	<2	<10	85	<2	16	1.14	<4	20	22	36	3.83	0.37	16	0.94	405	<1	0.11	36	662	7	<5	<5	<0.01	<10	14	1769	8	51	<10	5	74
38620D	RX1377090	<0.005	<1	1.65	<2	<10	82	<2	14	1.09	<4	19	21	35	3.73	0.36	16	0.92	393	<1	0.11	33	661	6	<5	<5	<0.01	<10	13	1749	3	49	<10	5	73
38621	RX1377091	<0.005	<1	0.57	<2	<10	119	<2	8	0.29	<4	7	27	2	2.10	0.33	10	0.25	225	<1	0.07	47	215	5	<5	<5	<0.01	<10	22	1204	6	11	<10	6	31

PROCEDURE CODES: ALP2, ALFA1, ALAR1



Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.  
 The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.  
 The results generated by this procedure are not accredited at this time and therefore are informational only.

Thursday, July 5, 2012

## Final Certificate

Iamgold Corporation  
 Chester #1 Mine, 3 Mesomikenda Road  
 Gogama, ON, CAN  
 P0M 1W0  
 Email: jjackson@trelawneymining.com, DRock@trelawneymining.com

Date Received: 05/30/2012

Date Completed: 06/20/2012

Job #: 201210213

Reference: RX sample series

Sample #: 100

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38622	RX1377092	<0.005	<1	0.97	<2	<10	148	<2	17	0.37	<4	7	29	5	2.30	0.54	15	0.33	287	2	0.08	48	236	6	<5	<5	<0.01	<10	15	1473	6	13	<10	15	41
38623	RX1377093	<0.005	<1	1.00	<2	<10	34	<2	9	0.57	<4	8	20	6	2.33	0.10	14	0.42	234	<1	0.07	37	314	5	<5	<5	<0.01	<10	28	1355	3	15	<10	12	27
38624	RX1377094	<0.005	<1	0.68	<2	<10	32	<2	13	0.35	<4	6	25	2	2.12	0.17	10	0.25	271	<1	0.07	43	206	6	<5	<5	<0.01	<10	18	1187	2	11	<10	18	31
38625	RX1377095	<0.005	<1	0.99	<2	<10	343	<2	12	0.22	<4	8	36	1	2.78	0.64	15	0.31	262	3	0.09	64	252	6	<5	<5	<0.01	<10	7	1259	4	16	<10	8	46
38626	RX1377096	<0.005	<1	1.90	<2	<10	14	<2	9	1.19	<4	24	53	51	3.33	0.10	14	1.35	373	<1	0.18	95	398	8	<5	<5	<0.01	<10	19	1900	15	54	<10	8	60
38627	RX1377097	<0.005	<1	0.85	<2	<10	67	<2	9	0.41	<4	8	27	9	2.35	0.20	12	0.29	414	<1	0.08	43	267	5	<5	<5	<0.01	<10	7	1119	7	13	<10	17	32
38628	RX1377098	0.012	<1	2.57	<2	<10	12	<2	12	3.82	5	42	49	76	8.54	0.15	23	2.33	1612	<1	0.11	42	605	35	5	<5	<0.01	<10	23	5149	14	240	<10	22	131
38629	RX1377099	0.009	<1	0.68	<2	<10	5	<2	7	0.38	<4	5	27	2	1.01	0.03	7	0.33	<100	<1	0.08	34	311	7	<5	<5	<0.01	<10	19	710	4	15	<10	8	21
38630	RX1377100	<0.005	<1	0.95	<2	<10	24	<2	11	0.45	<4	8	17	6	2.48	0.09	12	0.44	288	<1	0.06	25	293	3	<5	<5	<0.01	<10	21	1539	4	14	<10	7	36
38631D	RX1377100	<0.005	<1	0.94	<2	<10	24	<2	10	0.45	<4	9	18	6	2.49	0.09	12	0.43	288	<1	0.06	27	292	6	<5	<5	<0.01	<10	21	1522	6	14	<10	6	36

PROCEDURE CODES: ALP2, ALFA1, ALAR1



Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

The results generated by this procedure are not accredited at this time and therefore are informational only.

Tuesday, July 24, 2012

## Final Certificate

Iamgold  
 Chester 1 Camp, 3 Mesomikenda Lake Rd  
 Gogama, ON, CAN  
 P0M1W0  
 Ph#: (416) 363-8567  
 Fax#: (416) 216-8535  
 Email: jay\_jackson@iamgold.com, david\_rock@iamgold.com

Date Received: 06/12/2012

Date Completed: 06/22/2012

Job #: 201210261

Reference: RX sample series

Sample #: 60

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
44846	RX1377101	<0.005	<1	3.22	5	50	9	<2	23	1.54	<4	35	85	127	3.07	0.02	8	2.50	431	1	0.15	185	114	4	9	11	<0.01	<10	18	875	4	35	<10	2	36
44847	RX1377102	<0.005	<1	3.92	10	49	26	<2	9	1.76	<4	42	137	106	4.70	0.02	11	3.77	606	<1	0.09	192	142	3	9	13	<0.01	<10	17	1184	8	87	<10	4	52
44848	RX1377103	<0.005	<1	2.78	5	49	8	<2	14	4.63	<4	26	74	149	3.97	0.03	32	2.89	826	2	0.03	82	<100	5	8	11	<0.01	<10	16	119	6	42	<10	2	45
44849	RX1377104	0.005	<1	0.41	4	49	22	<2	15	0.51	<4	3	44	22	0.95	0.09	6	0.19	243	10	0.03	79	<100	2	5	9	<0.01	<10	5	134	7	7	<10	6	14
44850	RX1377105	<0.005	<1	1.36	4	44	33	<2	13	0.20	<4	4	14	43	2.64	0.12	17	0.59	441	4	0.05	28	257	6	6	12	<0.01	<10	4	302	3	6	<10	19	62
44851	RX1377106	<0.005	<1	3.07	<2	52	14	<2	10	0.93	<4	30	42	7	4.94	0.05	21	2.80	824	1	0.09	52	410	5	6	6	<0.01	<10	18	2925	6	121	<10	12	44
44852	RX1377107	<0.005	<1	1.38	2	52	6	<2	13	1.15	<4	14	27	5	2.24	0.03	8	1.15	425	3	0.11	43	385	3	7	11	<0.01	<10	17	2825	5	70	<10	9	25
44853	RX1377108	<0.005	<1	1.35	3	52	19	<2	16	0.17	<4	13	14	64	3.78	0.05	15	0.96	216	5	0.07	29	643	12	7	6	<0.01	<10	4	211	5	26	<10	8	35
44854	RX1377109	<0.005	<1	0.35	2	50	7	<2	16	0.37	<4	2	26	6	0.68	0.01	6	0.26	164	4	0.02	35	<100	4	5	7	<0.01	<10	<3	<100	4	6	<10	3	13
44855	RX1377110	0.007	<1	1.60	2	50	47	<2	11	0.96	<4	10	17	5	2.49	0.09	15	0.92	704	3	0.06	28	338	1	7	10	<0.01	<10	17	1235	5	24	<10	13	60
44856D	RX1377110	<0.005	<1	1.57	4	50	49	<2	11	0.95	<4	9	17	5	2.43	0.09	15	0.89	686	3	0.06	31	329	2	7	10	<0.01	<10	17	1246	<2	24	<10	13	59
44857	RX1377111	<0.005	<1	0.34	2	47	16	<2	18	0.80	<4	2	24	7	0.64	0.06	7	0.10	175	6	0.08	41	<100	4	6	6	<0.01	<10	8	<100	<2	2	<10	16	8
44858	RX1377112	0.110	<1	2.63	31	50	24	<2	16	1.17	<4	11	17	3657	3.36	0.66	7	1.82	270	77	0.14	13	508	8	5	18	<0.01	<10	24	604	2	207	<10	10	78
44859	RX1377113	<0.005	<1	2.51	5	47	25	<2	21	2.12	<4	23	36	175	4.37	0.18	7	0.77	472	4	0.42	47	380	4	8	10	<0.01	<10	41	3413	7	154	<10	12	52
44860	RX1377114	<0.005	<1	0.31	<2	47	21	<2	9	0.07	<4	37	12	310	2.31	0.12	4	0.03	<100	3	0.08	36	104	4	6	14	<0.01	<10	5	109	4	3	<10	10	10
44861	RX1377115	<0.005	<1	2.76	2	49	58	2	14	3.39	<4	22	29	9	4.73	0.50	22	2.06	685	1	0.07	54	456	5	8	7	<0.01	<10	35	1339	6	83	<10	11	42
44862	RX1377116	<0.005	<1	2.51	<2	49	13	2	16	1.34	<4	20	125	4	3.34	0.03	19	2.24	649	3	0.05	90	452	4	8	9	<0.01	<10	39	1889	5	56	<10	5	68
44863	RX1377117	0.009	<1	4.74	8	51	3	2	25	4.61	4	46	103	348	7.77	<0.01	29	3.57	1174	1	0.03	75	284	6	8	11	<0.01	<10	24	1490	8	232	10	8	96
44864	RX1377118	<0.005	<1	2.03	9	49	7	<2	10	1.36	<4	20	31	21	3.25	0.02	13	1.51	578	4	0.05	55	365	5	7	10	<0.01	<10	30	2579	5	50	<10	4	35
44865	RX1377119	<0.005	<1	2.58	<2	47	44	<2	14	0.99	<4	14	22	111	3.47	0.16	19	2.19	455	3	0.03	47	298	3	8	7	<0.01	<10	15	<100	4	22	<10	4	112

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 Certified By: Derek Demianuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

The results generated by this procedure are not accredited at this time and therefore are informational only.

Tuesday, July 24, 2012

## Final Certificate

Iamgold  
 Chester 1 Camp, 3 Mesomikenda Lake Rd  
 Gogama, ON, CAN  
 P0M1W0  
 Ph#: (416) 363-8567  
 Fax#: (416) 216-8535  
 Email: jay\_jackson@iamgold.com, david\_rock@iamgold.com

Date Received: 06/12/2012

Date Completed: 06/22/2012

Job #: 201210261

Reference: RX sample series

Sample #: 60

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
44866	RX1377120	<0.005	<1	0.56	<2	44	71	<2	11	0.12	<4	3	28	10	0.96	0.28	6	0.21	102	7	0.06	52	220	4	5	9	<0.01	<10	4	297	3	7	<10	10	10
44867D	RX1377120	<0.005	<1	0.54	<2	46	72	<2	10	0.11	<4	3	20	9	0.88	0.28	5	0.19	<100	5	0.06	36	226	3	5	7	<0.01	<10	3	305	3	6	<10	10	15
44868	RX1377121	<0.005	<1	1.79	4	51	65	2	14	1.60	<4	33	43	152	7.24	0.44	14	0.74	537	4	0.16	56	1135	8	9	7	<0.01	<10	19	3718	6	310	<10	25	48
44869	RX1377122	<0.005	<1	0.90	2	49	59	<2	14	0.50	<4	7	41	12	1.71	0.22	12	0.40	214	9	0.08	64	163	5	6	11	<0.01	<10	19	1126	4	22	<10	23	15
44870	RX1377123	0.023	<1	0.89	2	46	49	<2	15	0.77	<4	6	28	8	1.56	0.26	11	0.38	162	6	0.07	42	284	5	5	8	<0.01	<10	15	660	3	17	<10	7	50
44871	RX1377124	<0.005	<1	1.48	5	52	57	2	17	1.72	<4	39	11	121	7.10	0.27	19	1.36	640	2	0.10	35	1377	15	7	10	<0.01	<10	19	4129	2	216	<10	16	66
44872	RX1377125	<0.005	<1	2.94	3	47	55	<2	12	2.29	<4	25	13	146	4.54	0.19	12	0.53	362	2	0.45	38	510	9	8	12	<0.01	<10	49	3285	5	213	<10	13	60
44873	RX1377126	<0.005	<1	0.86	<2	47	47	<2	8	0.47	<4	6	26	7	1.51	0.15	10	0.36	142	6	0.08	44	260	3	7	11	<0.01	<10	18	556	4	19	<10	5	29
44874	RX1377127	<0.005	<1	0.76	<2	43	48	<2	11	0.38	<4	5	34	6	1.54	0.18	9	0.33	140	8	0.07	59	251	<1	7	10	<0.01	<10	17	476	<2	15	<10	6	24
44875	RX1377128	<0.005	<1	1.22	3	51	95	<2	13	0.51	<4	7	44	18	1.95	0.63	13	0.43	194	11	0.09	81	220	8	5	6	<0.01	<10	27	1325	4	22	<10	11	25
44876	RX1377129	<0.005	<1	0.94	2	51	19	<2	12	0.52	<4	6	38	16	1.18	0.08	11	0.56	151	8	0.09	69	257	6	6	12	<0.01	<10	51	855	4	14	<10	4	23
44877	RX1377130	<0.005	<1	0.95	<2	51	22	<2	7	0.54	<4	6	25	6	1.16	0.08	12	0.47	139	5	0.07	39	260	3	5	10	<0.01	<10	36	982	8	15	<10	4	19
44878D	RX1377130	<0.005	<1	0.95	<2	54	23	<2	15	0.54	<4	7	29	6	1.18	0.08	12	0.46	140	6	0.08	47	261	2	6	12	<0.01	<10	36	965	3	16	<10	4	15
44879	RX1377131	<0.005	<1	1.78	<2	57	50	2	15	1.64	<4	33	14	170	6.62	0.38	18	0.69	450	2	0.20	38	1188	5	7	11	<0.01	<10	26	3480	3	345	<10	24	48
44880	RX1377132	<0.005	<1	0.78	3	53	51	<2	8	0.48	<4	5	25	16	1.39	0.13	8	0.34	142	6	0.08	43	281	2	6	10	<0.01	<10	45	770	4	19	<10	5	27
44881	RX1377133	<0.005	<1	1.22	<2	55	28	2	11	1.31	<4	19	20	15	3.58	0.16	14	1.08	487	4	0.13	36	1506	10	5	8	<0.01	<10	39	4470	7	68	<10	16	76
44882	RX1377134	<0.005	<1	0.80	2	49	93	<2	7	2.98	<4	3	23	12	1.53	0.36	8	0.28	457	6	0.07	44	226	6	8	8	<0.01	<10	40	570	8	7	<10	24	20
44883	RX1377135	<0.005	<1	2.94	<2	54	5	2	8	1.48	<4	23	32	4	3.78	0.04	37	2.59	497	2	0.04	41	1767	4	7	9	<0.01	<10	97	1818	7	63	<10	19	56
44884	RX1377136	NS																																	
44885	RX1377137	<0.005	<1	4.69	16	55	17	2	21	5.34	<4	53	314	26	6.86	0.17	49	4.34	1503	5	0.02	287	425	6	11	8	<0.01	<10	29	1795	<2	103	11	10	133

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 Certified By: Derek Demianuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

The results generated by this procedure are not accredited at this time and therefore are informational only.

Tuesday, July 24, 2012

## Final Certificate

Iamgold  
 Chester 1 Camp, 3 Mesomikenda Lake Rd  
 Gogama, ON, CAN  
 P0M1W0  
 Ph#: (416) 363-8567  
 Fax#: (416) 216-8535  
 Email: jay\_jackson@iamgold.com, david\_rock@iamgold.com

Date Received: 06/12/2012

Date Completed: 06/22/2012

Job #: 201210261

Reference: RX sample series

Sample #: 60

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
44886	RX1377138	<0.005	<1	0.96	2	51	66	<2	3	0.95	<4	7	27	9	1.92	0.24	13	0.52	287	5	0.06	41	228	7	7	10	<0.01	<10	12	983	4	16	<10	12	29
44887	RX1377139	<0.005	<1	0.71	<2	55	44	<2	15	0.43	<4	6	25	7	1.32	0.11	8	0.36	136	4	0.07	35	258	5	7	10	<0.01	<10	41	609	7	14	<10	5	38
44888	RX1377140	<0.005	<1	1.01	<2	54	58	<2	16	0.64	<4	7	24	6	1.64	0.27	15	0.40	212	5	0.07	36	273	4	6	10	<0.01	<10	21	1169	2	20	<10	4	35
44889D	RX1377140	<0.005	<1	1.01	2	53	58	<2	19	0.63	<4	7	26	6	1.64	0.27	15	0.40	210	6	0.07	41	271	3	8	8	<0.01	<10	21	1151	4	20	<10	4	34
44890	RX1377141	<0.005	<1	1.01	<2	57	103	<2	14	0.42	<4	7	37	7	1.61	0.47	16	0.39	183	7	0.10	58	273	4	6	13	<0.01	<10	21	947	3	20	<10	4	49
44891	RX1377142	<0.005	<1	0.62	2	50	56	<2	10	1.10	<4	4	19	7	1.14	0.19	9	0.28	212	4	0.06	31	263	<1	7	9	<0.01	<10	14	587	8	8	<10	6	21
44892	RX1377143	<0.005	<1	1.57	<2	49	40	<2	13	0.73	<4	14	38	16	2.76	0.15	16	0.93	351	6	0.06	55	380	2	5	9	<0.01	<10	30	1262	6	40	<10	8	54
44893	RX1377144	<0.005	<1	0.73	5	48	81	<2	10	0.65	<4	5	19	20	1.47	0.29	10	0.26	200	5	0.07	31	163	8	7	8	<0.01	<10	17	726	8	9	10	14	371
44894	RX1377145	<0.005	<1	2.77	2	51	43	2	15	2.08	<4	26	24	75	4.06	0.20	11	0.80	322	3	0.43	43	578	6	6	8	<0.01	<10	58	2329	5	181	<10	11	113
44895	RX1377146	<0.005	<1	2.32	3	49	40	2	24	1.76	<4	21	27	167	4.48	0.17	16	0.64	329	3	0.34	35	541	6	8	6	<0.01	<10	34	1741	5	204	<10	14	64
44896	RX1377147	<0.005	<1	0.69	2	49	36	<2	19	0.43	<4	4	25	12	0.80	0.10	8	0.32	<100	6	0.07	46	126	4	5	9	<0.01	<10	48	471	<2	9	<10	17	16
44897	RX1377148	<0.005	<1	1.05	2	53	44	2	9	1.25	<4	32	17	128	5.98	0.64	10	0.71	428	3	0.12	42	1301	9	7	6	<0.01	<10	25	2977	6	205	<10	14	50
44898	RX1377149	<0.005	<1	0.91	2	50	81	<2	10	0.53	<4	7	31	10	1.55	0.41	11	0.39	189	7	0.08	53	292	5	6	9	<0.01	<10	20	1135	<2	22	<10	4	51
44899	RX1377150	<0.005	<1	1.45	<2	54	40	2	16	1.27	<4	34	11	141	6.24	0.37	13	0.60	450	3	0.11	34	665	11	7	11	<0.01	<10	16	4766	4	278	<10	22	105
44900D	RX1377150	<0.005	<1	1.48	2	55	42	2	12	1.31	<4	34	12	138	6.23	0.37	13	0.62	467	3	0.13	40	647	8	6	<5	<0.01	<10	16	4847	2	273	10	22	103
44901	RX1377151	<0.005	<1	0.74	<2	50	36	<2	9	0.33	<4	6	18	19	1.31	0.11	8	0.35	184	4	0.08	34	150	6	5	9	<0.01	<10	18	833	4	16	<10	8	24
44902	RX1377152	<0.005	<1	2.19	3	48	16	2	26	1.04	<4	30	28	40	5.01	0.06	15	1.35	561	15	0.07	47	596	5	6	<5	<0.01	<10	41	2806	6	133	<10	14	65
44903	RX1377153	<0.005	<1	1.14	<2	51	15	<2	12	0.80	<4	11	17	13	2.38	0.07	12	0.48	279	3	0.08	27	351	3	8	9	<0.01	<10	24	1295	5	19	<10	11	41
44904	RX1377154	<0.005	<1	1.32	<2	50	193	2	18	0.43	<4	10	26	7	3.45	0.75	15	0.43	347	5	0.12	40	394	5	9	8	<0.01	<10	16	1404	7	23	<10	20	54
44905	RX1377155	<0.005	<1	3.48	3	53	340	2	18	0.53	<4	38	22	7	7.40	1.57	36	1.76	946	4	0.09	63	510	7	9	6	<0.01	<10	10	2897	3	232	10	18	133

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 Certified By: Derek Demianuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

The results generated by this procedure are not accredited at this time and therefore are informational only.

Tuesday, July 24, 2012

## Final Certificate

Iamgold  
 Chester 1 Camp, 3 Mesomikenda Lake Rd  
 Gogama, ON, CAN  
 P0M1W0  
 Ph#: (416) 363-8567  
 Fax#: (416) 216-8535  
 Email: jay\_jackson@iamgold.com, david\_rock@iamgold.com

Date Received: 06/12/2012

Date Completed: 06/22/2012

Job #: 201210261

Reference: RX sample series

Sample #: 60

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
44906	RX1377156	<0.005	<1	3.89	3	49	13	2	13	1.12	<4	38	175	7	6.49	0.06	30	3.29	997	<1	0.04	143	412	4	7	6	<0.01	<10	7	2989	4	159	<10	11	118
44907	RX1377157	<0.005	<1	0.93	<2	49	30	<2	8	0.97	<4	10	30	44	2.16	0.09	11	0.48	374	7	0.10	57	274	7	7	8	<0.01	<10	27	1336	6	21	<10	23	52
44908	RX1377158	<0.005	<1	1.71	4	47	76	<2	12	1.53	<4	19	53	39	3.02	0.40	16	0.95	333	4	0.16	56	458	7	10	12	<0.01	<10	14	2177	6	69	<10	9	49
44909	RX1377159	<0.005	<1	1.82	3	48	34	<2	10	1.29	<4	17	18	18	3.40	0.11	13	0.91	390	3	0.07	32	818	10	9	12	<0.01	<10	34	1853	3	39	<10	9	70
44910	RX1377160	<0.005	<1	1.93	3	52	32	2	13	1.71	<4	23	7	40	4.48	0.15	22	0.82	401	3	0.10	14	1493	5	7	10	<0.01	<10	28	2451	5	43	<10	17	96
44911R	RX1377160	<0.005	<1	2.06	<2	50	38	<2	10	1.75	<4	25	13	38	4.67	0.17	23	0.85	423	3	0.12	26	1531	6	7	9	<0.01	<10	33	2593	4	43	<10	18	65

PROCEDURE CODES: ALP2, ALFA1, ALAR1

  
 Certified By: Derek Demianuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

The results generated by this procedure are not accredited at this time and therefore are informational only.

Thursday, September 27, 2012

## Final Certificate

Iamgold  
 Chester 1 Camp, 3 Mesomikenda Lake Rd  
 Gogama, ON, CAN  
 P0M1W0  
 Ph#: (416) 363-8567  
 Fax#: (416) 216-8535  
 Email: jay\_jackson@iamgold.com, david\_rock@iamgold.com

Date Received: 08/21/2012

Date Completed: 09/17/2012

Job #: 201210481

Reference: RX sample series

Sample #: 9

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
75369	RX1377292	<0.005	<1	1.45	<2	<10	190	<2	7	0.13	<4	4	20	<1	2.05	0.32	7	0.94	321	19	0.08	33	<100	10	<5	<5	<0.01	<10	4	461	<2	3	<10	25	83
75370	RX1377293	<0.005	<1	2.31	27	<10	289	2	13	3.57	<4	26	8	40	5.89	1.33	27	1.74	951	31	0.07	11	2098	11	<5	<5	0.01	<10	66	1809	2	173	<10	16	118
75371	RX1377294	0.019	<1	0.55	4	<10	89	<2	8	0.55	<4	5	15	1	2.43	0.28	4	0.19	202	8	0.08	23	271	8	<5	<5	<0.01	<10	16	443	6	6	<10	13	15
75372	RX1377295	0.344	<1	0.68	16	<10	81	<2	7	0.04	4	2	12	107	4.67	0.23	6	0.14	<100	15	0.02	22	216	9	<5	<5	<0.01	<10	<3	<100	2	2	<10	3	487
75373	RX1377296	<0.005	<1	0.85	<2	<10	54	<2	11	2.18	<4	7	16	56	2.49	0.15	4	0.27	367	10	0.06	26	4122	8	<5	<5	<0.01	<10	35	135	7	4	<10	89	21
75374	RX1377297	0.184	<1	0.55	6	<10	59	<2	4	0.46	<4	8	20	215	2.11	0.30	4	0.08	165	11	0.02	34	985	9	<5	<5	<0.01	<10	7	<100	3	3	<10	22	130
75375	RX1377298	<0.005	<1	1.48	<2	<10	27	<2	11	1.24	<4	25	11	182	4.80	0.29	11	0.75	359	17	0.09	29	568	12	<5	<5	<0.01	<10	12	2081	<2	185	<10	14	39
75376	RX1377299	<0.005	<1	0.95	4	<10	14	<2	10	0.87	<4	16	10	46	2.66	0.09	9	0.56	309	11	0.10	16	813	7	<5	<5	<0.01	<10	14	1333	3	64	<10	8	54
75377	RX1377300	<0.005	<1	1.31	<2	<10	18	<2	11	1.24	<4	20	9	47	3.39	0.12	11	0.75	395	14	0.11	20	860	9	<5	<5	<0.01	<10	12	1291	2	81	<10	8	56
75378D	RX1377300	<0.005	<1	1.21	3	<10	17	<2	7	1.12	<4	19	8	45	3.15	0.11	11	0.70	368	13	0.10	17	815	9	<5	<5	<0.01	<10	10	1227	<2	74	<10	7	50

PROCEDURE CODES: ALP2, ALFA1, ALAR1


 The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

 Certified By:  Jason Moore, General Manager