KIBI GOLD PROJECT

Eastern Region, Ghana

NI 43-101 Technical Report

REPORT PREPARED FOR:

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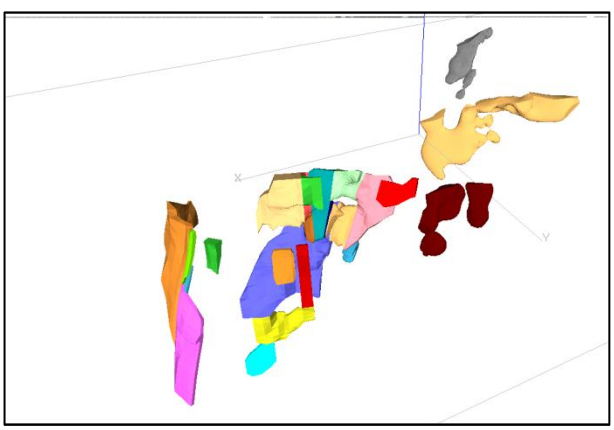

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Independent Technical Report
Apapam Concession
Kibi Project
Eastern Region, Ghana

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KIBI GOLD PROJECT

NATIONAL INSTRUMENT 43-101 TECHNICAL REPORT

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List of Abbreviated Terms

“Au”	gold
“Az”	azimuth
“BP”	before present
“cm”	centimetres
“°”	degree
“DD”	diamond drilling
“DGPS”	differential global positioning system
“g” or “gm”	gram
“Ga”	billion of years ago
“GHS”	new Ghana cedis currency
“g/m^3”	grams per cubic metre
“GPS”	global positioning system
“g/t”	grams per tonne
“ha”	hectare
“kg”	kilogram
“km”	kilometre
“m”	metre
“m^3”	cubic metres
“Ma”	millions of years ago
“ml”	millilitre
“mm”	millimetre
“oz”	ounce
“ppb”	parts per billion
“ppm”	parts per million
“RC”	reverse circulation
“RQD”	rock quality designation
“sq km”	square kilometres
“UTM”	Universal Transverse Mercator
“WGS 84”	World Geodetic Survey 1984
“yd^3”	cubic yards

Summary

Introduction

In March, 2012, Xtra-Gold Resources Corporation ("Xtra-Gold") commissioned SEMS Exploration Services Ltd. ("SEMS") to prepare an independent technical report (the "Report") consistent with the Canadian Securities Administrators National Instrument 43-101 and Form 43-101F1 for the Apapam Concession (PL5/142). The Apapam Concession is Xtra-Gold's "Qualifying Property" and the subject matter of this Report.

Property Description and Location

The Apapam Concession forms part of Xtra-Gold's Kibi Gold Project, which is located within an area historically referred to as the "Kibi Gold District", or the "Kibi District" in southern Ghana. The concession has an area of 33.65 sq km and is centred on the town of Kibi, in the East Akim District, in the Eastern Region of Ghana. It is located approximately 75 km NNW of Accra, on the eastern flank of the Atewa Range, just off the main highway from Accra to Kumasi.

Ownership

The Kibi Gold Project is owned by Xtra-Gold, a Nevada, U.S.A., corporation, through its Ghanaian subsidiary, Xtra-Gold Mining Limited ("XG Mining") pursuant to the registration of a mining lease on the Apapam Concession. The mining lease was granted in 18/12/2008 and expires in 17/12/2015.

Xtra-Gold has a 90% interest in XG Mining, with the remaining 10% interest being held by the Government of Ghana. Pursuant to the Minerals and Mining Act, 2006 (Act 703) (the "Mining Act"), the Government of Ghana acquires a 10% free carried interest in all mining leases by way of 10% share ownership in all Ghanaian corporations who hold mining leases.

Geology

The Apapam Concession covers part of the Kibi Volcanic Belt, which is the easternmost of the four main Birimian volcanic belts in southern Ghana. These volcanic belts and the intervening sedimentary basins formed during the Paleoproterozoic and were deformed and intruded by granitoids during the Eburnean tectonothermal event which also occurred in the Paleoproterozoic. Generally there are two types of granitoids in southern Ghana: the earlier belt-type granitoids, and the later basin-type granitoids. The volcanic belts, and major structures within the basins, trend NE-SW as a result of Eburnean deformation.

The Apapam Concession contains steeply dipping, isoclinally folded Birimian Supergroup metasediments and metavolcanics of the Kibi Volcanic Belt. These rocks have been intruded by belt–type quartz diorite intrusions in the northwest of the concession.

Mineralisation

Ghana is one of the world's top gold producers. In southern Ghana gold occurs in three styles of mineralisation:

1. Alluvial deposits found in river valleys.
2. Shear zone-hosted hydrothermal mineralisation.
3. Granitoid-hosted hydrothermal mineralisation.

While the alluvial deposits formed recently during the Cainozoic, the hydrothermal deposits formed as part of the Eburnean tectonothermal event in the Paleoproterozoic.

Whereas there are alluvial gold deposits in the Birim River valley within the concession, the main focus of Xtra-Gold is on the larger hydrothermal style of gold mineralisation.

Hydrothermal mineralization in the Apapam Concession is of the granitoid-hosted hydrothermal style. Quartz diorite occurs as a number of lenses, of varying sizes, within metasediments and metavolcanics in the northwest of the concession. The granitoid lenses contain quartz vein stockworks near the margins of the lenses. These stockworks consist of a number of differently oriented sets of quartz veins. The veins and adjacent alteration, which includes disseminated sulphides, such as pyrite, pyrrhotite and arsenopyrite, are typically auriferous.

There are several similarities between the Kibi Gold Project mineralization and known gold deposits of the granitoid-hosted type, such as the Central Ashanti Gold Project, formerly known as the Ayanfuri deposit (Perseus Mining Limited), and the Anyankyerim and Nhyiaso deposits (AngloGold Ashanti Ltd.) located within the adjacent Ashanti Belt, and the Subika deposit (Newmont Mining Limited) and the Chirano deposit (Kinross Gold Corporation) located within the Sefwi Belt.

Exploration

Exploration by Xtra-Gold prior to July 2010 identified gold anomalies in soil data in the north-western part of the Apapam Concession, which were also confirmed by preliminary drilling. Exploration by Xtra-Gold since July 2010 has included completing soil sampling over the whole concession, but has focused mainly on developing the gold anomalies through drilling with the aim of defining a resource.

Exploration since July 2010 has included:

- A VTEM survey over the Kibi Belt
- Soil sampling over the whole concession
- Rock chip sampling where possible
- Structural analysis of Zone 2 and regional interpretation.
- Trenching
- Drilling Diamond core

Development

Development has involved trenching and drilling of the various prospects in the northwest of the concession. Due to the complex geology of the stockwork mineralisation, many trenches and drill holes are required to establish continuity of the structure and grade of the mineralisation, which is necessary for resource estimation.

Apart from sampling for gold assays, many measurements of specific gravity have also been taken to assist with resource estimation.

Metallurgical test work has also been undertaken with very encouraging results. It was found that more than 95% recovery could be achieved via direct cyanidation.

The result of the development so far is a maiden resource estimation, which yielded 3.38 Mt at 2.56 g/t Au, giving 278,000 oz Au, for indicated resources, and 2.35 Mt at 1.94 g/t Au , giving 147,000 oz Au, for inferred resources.

Further development is required to define the full potential of the area.

Conclusions

Xtra-Gold personnel used diligence in monitoring field work activities, quality control protocols and assaying results. Xtra-Gold has also been diligent in investigating potential workplace failures and taking appropriate and corrective measures as and when necessary.

SEMS is of the opinion that Xtra-Gold has taken the appropriate steps to explore for gold mineralization on the Apapam Concession using exploration practices best suited to the geological, climatic and cultural setting of Southern Ghana. SEMS is also of the opinion that exploration data, including soil, trench and drill information, was acquired using procedures that meet or exceed industry best practices. In the opinion of SEMS, Xtra-Gold collected comprehensive quality control data that is generally acceptable for the purpose of gold exploration and evaluation.

It is concluded that the Kibi Gold Project has the potential to host economic quantities of gold mineralisation and that Xtra-Gold, if current exploration practices are maintained, have the ability to realise this potential.

Recommendations

The following recommendations are proposed:

- Continue the good practices that have been adopted by Xtra-Gold during past exploration in order to maintain an internationally acceptable standard of operation.
- Continue the QA-QC in-house monitoring program which should be assessed on a monthly basis in order to catch any significant decrease in sampling and assaying quality when it happens;
- Due to the complex nature of the geology in the concession, trenches should be excavated to improve geological understanding, especially regarding the dimensions and continuity of the granitoid bodies, as well as to prove or otherwise the continuity of grade;

- Continue drilling to expand the current resource and upgrade the categories from inferred and indicated to measured;
- Continue exploration of geochemical and geophysical targets to identify additional zones of mineralization in the concession area that may contribute to total resources of the concession.

1 Introduction

In March, 2012, Xtra-Gold Resources Corporation (“Xtra-Gold”) commissioned SEMS Exploration Services Ltd. (“SEMS”) to prepare an independent technical report (the “Report”) consistent with the Canadian Securities Administrators National Instrument 43-101 and Form 43-101F1 for the Apapam Concession (PL5/142). The Apapam Concession is Xtra-Gold’s “Qualifying Property” and the subject matter of this Report. The Apapam Concession forms part of Xtra-Gold’s Kibi Gold Project in southern Ghana.

SEMS is an independent West African based firm of consulting geologists, engineers and surveyors that provides full service mineral exploration and mining consulting services. SEMS’ head office is located in Accra, Ghana at 17 Orphan Crescent, North Labone, Accra. SEMS has other offices in Ouagadougou, Burkina Faso, and Abidjan, Côte d’lvoire. The e-mail address is ghana@sems-exploration.com, and the website is www.sems-exploration.com.

SEMS offer a wide range of technical services and has demonstrated a track record undertaking independent assessments of mineral exploration, project evaluations and audits, technical reports and independent feasibility evaluations to bankable standards on behalf of exploration and mining companies and financial institutions mainly in West Africa. SEMS has also worked with a number of major mining companies and their projects, providing mining industry consultancy service inputs.

Xtra-Gold was incorporated in the State of Nevada, USA on September 1, 1998 and maintains a corporate/administrative office located in Toronto, Ontario at 357 Bay Street, Suite 902, Toronto, Ontario, Canada, M5H 2T7. Xtra-Gold has the following subsidiaries:

Xtra-Gold Mining Limited (“XG Mining”) - XG Mining, under the name of its corporate predecessor, Goldenrae Mining Company Limited (“Goldenrae”), was incorporated in Ghana on June 7, 1989. In February 2004, Xtra-Gold acquired the Apapam Concession, one of the Goldenrae assets, through the purchase of the Goldenrae shares from the trustees of the note and debenture holders of the Canadian parent company, Akrokeri-Ashanti Gold Mines Inc. (“AAGM”) who had acquired Goldenrae from the European banks after Goldenrae ceased operations. The acquisition of the 90% controlling interest in Goldenrae by XG Mining was approved by the Bank of Ghana in December 2005. The remaining 10% interest in XG Mining is held by the Government of Ghana. The name change from Goldenrae Mining Company Limited to Xtra-Gold Mining Limited was approved by special resolution in a Certificate of Incorporation of the Company issued by the Registrar of Companies of Ghana on January 13, 2006. XG Mining maintains technical and administrative offices at its field camp (the “Field Camp”) located at 2 Masalakye Street, in the town of Kwabeng, Ghana. XG Mining holds five (5) mining leases; namely the Kwabeng mining lease, the Pameng mining lease, the Banso mining lease, the Muoso mining lease, and the Apapam Mining Lease (covering the Kwabeng Concession, the Pameng Concession, the Banso Concession, the Muoso Concession, and the Apapam Concession, respectively). Xtra-Gold entered into a letter of intent in January 2011 with Buccaneer Gold Corp. (formerly Verbina Resources Inc.), a mineral resource company listed on the TSX Venture Exchange (the **“TSXV”**), whereby Buccaneer Gold Corp. has an option to earn up to a 55% interest in XG Mining's 90% interest of the mineral rights in the Muoso and Banso mining leases.

- **Xtra-Gold Exploration Limited ("XG Exploration")** - This is also a Ghanaian corporation owned 100% by Xtra-Gold which was acquired on February 16, 2004. XG Exploration holds the Akim Apapam reconnaissance licence application area.

1.1 Purpose of the Report

The purpose of this Report is to act as an accurate and current technical summary of the geology and gold potential of the Apapam Concession (PL5/142), and to inform investors about the work done by Xtra-Gold since the last NI43-101 report was compiled in July 2010. The Apapam Concession is Xtra-Gold's "Qualifying Property" and forms part of Xtra-Gold's Kibi Gold Project in southern Ghana.

1.2 Scope of Work

The scope of work, involves:

- Reviewing work done by Xtra-Gold since July 2010
- Preparation of an independent technical report in compliance with National Instrument 43-101 guidelines.

The evaluation of the Kibi Gold Project is a collaborative effort between personnel of Xtra-Gold and SEMS. The work conducted involved a site visit to the Kibi Gold Project.

1.3 Qualification of SEMS

The SEMS Group comprises professionals, offering expertise in a wide range of exploration and engineering disciplines. The ownership of SEMS rests solely with its staff and its independence is ensured by the fact that it holds no equity in any project. SEMS is qualified to provide its clients with conflict-free and objective recommendations.

SEMS has demonstrated a track record of undertaking independent assessments of mineral exploration, project evaluations and audits, technical reports and independent feasibility evaluations in West Africa.

The independent technical report of Xtra-Gold presented herein was compiled by Simon Meadows Smith (IOM3), Joe Amanor (AusIMM) and Dr David Byrne (AIG). By virtue of their education, relevant work experience and affiliation to recognized professional associations, Simon Meadows Smith (IOM3), Joe Amanor (AusIMM) and Dr David Byrne (AIG) are independent Qualified Persons as defined by National Instrument 43-101.

Simon Meadows Smith (IOM3) is the Managing Director of SEMS and a key member of the geological consultancy staff. He is a "Qualified" person from United Kingdom and has over 20 years' working experience in the Achaean Terrains of Western Australia and the Proterozoic Terrains of West Africa. He has been working for SEMS since its inception in 2002.

Joe Amanor (AusIMM) is a consulting geologist with extensive experience in surface and underground gold exploration, as well as mineral resource evaluation, in West Africa.

Dr David Byrne (AIG) is a Consulting Geologist of SEMS and is a “Qualified” person from Australia and has over 25 years’ working experience in the Archaean terranes of Australia, Zimbabwe and Canada, the Proterozoic Terranes of West Africa and Australia, and Palaeozoic terranes of Australia. He has been working for SEMS since February 2012.

1.4 Sources of Information and Data

Primarily, the Report is based on data obtained from Xtra-Gold and on SEMS’ geological expertise, especially in the areas of gold mineralisation and the geology of southern Ghana. SEMS reviewed all of the available historical exploration work conducted on the Apapam Concession. Data verification and quality assurance program were undertaken and completed by SEMS.

The information contained in this Report is based on information believed to be reliable.

SEMS compiled the Report in Accra, Ghana, and Abidjan, Cote d’Ivoire, during October, 2012.

1.5 Site Visit

In accordance with the National Instrument 43-101 guidelines, SEMS personnel, including geologists Joe Amanor and Dr David Byrne, visited the Kibi Gold Project on the Apapam Concession on 27th -28th August, 2012, as part of a project review and to audit the exploration work completed by Xtra-Gold since the last independent data verification program in March 2010. Several trenches, road cuts, and borehole collars were visited in the field. At site, the storage sheds and sampling areas were examined, as well as the data room and recent drill core.

1.6 Reliance on Other Experts

SEMS’ opinion contained herein is effective as of October 31, 2012 and, throughout the course of its investigation, is based on the information provided by Xtra-Gold. The opinions reflect on various technical and economic conditions at the time of writing this Report. Given the nature of the mining business, conditions can significantly change over relatively short periods of time. Consequently, conclusions may differ from time to time depending on the mining industry’s economic climate.

With respect to disclosure of information relating to socio–political, environment and other related issues, the author has relied on information obtained by SEMS from public sources.

SEMS has no affiliation with nor is SEMS an insider or associate of Xtra-Gold in connection with the Kibi Gold Project. SEM’s results of evaluation and any opinion or conclusion made by SEMS was not dependent upon any prior agreements or any undisclosed understandings concerning any future business dealings with Xtra-Gold.

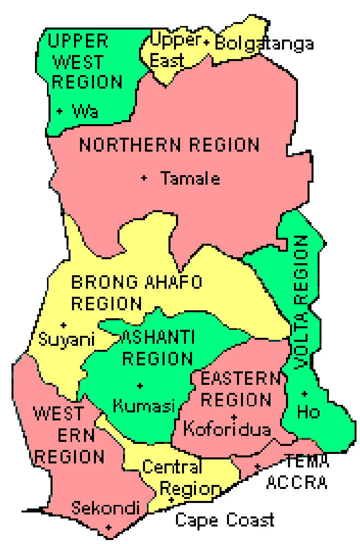
1.7 Overview of the Republic of Ghana

The Republic of Ghana ("Ghana"), formerly known as the Gold Coast, is located in West Africa on the Gulf of Guinea (Figure 1A) and shares borders with Côte d'Ivoire (Ivory Coast) to the west, Togo to the east and Burkina Faso (formerly Upper Volta) to the north. To the south are the Gulf of Guinea and the Atlantic Ocean. Ghana has a total land area of approximately 239,540 square kilometres ("sq km"). Ghana's capital city is Accra, which is located along the south-eastern coast.

In March 1957, Ghana was the first country in sub-Saharan Africa to gain independence from Great Britain. Following a national referendum in July 1960, Ghana became a republic. Ghana has a population of approximately 24 million people, most of who are English-speaking and also speak at least one of a number of local languages commonly spoken in the country.

Ghana is comprised of 10 regions as depicted in Figure1B. The regions are subdivided into 275 districts.

a.



b.

Figure 1 (a) Location and (b) regions of Ghana.

1.8 Overview of the mineral laws of Ghana

1.8.1 Mineral titles

The Minerals and Mining Act, 2006 (Act 703) (the "Mining Act") was enacted in 2006. According to the Mining Act, all minerals are the property of the Republic of Ghana, and are vested in the President in trust for the people of Ghana. Granting of the various mineral titles is done by the Minister responsible for mines on behalf of the President and on the recommendation of the Minerals Commission. Ghana is now using a cadastral system for new tenement applications where the country is divided into "blocks" that are 15 seconds of longitude by 15 seconds of latitude (approximately 21 hectares or 0.21 square kilometres in area). Table 1 summarises the characteristics of the various types of mineral titles as described in the Mining Act.

A reconnaissance licence allows a holder exclusive right to conduct exploration activities not including drilling or excavation.

A prospecting licence allows a holder to explore for minerals exclusive right to conduct exploration activities including drilling or excavation.

A mining lease allows a holder to extract and process ore. Similarly a small scale mining lease also allows a holder to extract and process ore, including the use of mercury, but may only use explosives with the written permission of the Minister.

With mining leases, holders can hold up to 90% interest. The remaining 10% interest is held by the Government of Ghana. Pursuant to the Mining Act the Government of Ghana acquires a 10% free carried interest in all mining leases by way of 10% share ownership in all Ghanaian corporations who hold mining leases.

Table 1 List of characteristics of the various types of mineral titles according to the Minerals and Mining Act, 2006 (Act 703). Prices of costs are applicable to foreign controlled companies, not Ghanaian companies.

Type of mineral title	Reconnaissance Licence	Prospecting Licence	Mining Lease
Maximum area allowed (blocks)	5,000	750	300
Minimum area to be relinquished after initial term	-	50%	-
Initial term of mineral title (yrs)	1	2	30
Extendable for a further period (yrs) - 100% retained	1	1	30
Renewable for a further period (yrs) - 50% relinquishment		2	
Application forms (US$)	250	250	
Processing fee - applications & renewals (US$)	500	500	
Consideration fee - applications & renewals (US$)	15,000	20,000	100,000
Consideration fee - extension (US$)		15,000	
Ministerial consent to agreements (US$)	20,000	40,000	80,000

1.8.2 Royalties

Pursuant to the Mining Act, the holder of a mining lease would be required to pay a royalty in the range of 3% to 6% to the Government of Ghana. The current rate of royalty payments is 5%. The royalty would be paid to the Government of Ghana based on the production for each quarter within 30 days from the end of the relevant quarter.

A royalty would also be paid on all timber felled in accordance with existing legislation.

2 Property Description and Location

2.1 Titles

Through its subsidiary companies, Xtra-Gold has three titles in the Kibi Gold Project including the Apapam Mining Lease. The Apapam Concession is a granted mining lease, whereas the other two titles are currently applications that have been submitted to the Minerals Commission (Table 2, Figure 2).

Table 2 List of details concerning the Kibi Gold Project tenements.

Title number	Name	Type of mineral title	Area (sq km)	Date of application	Date granted	Expiry date
PL5/142	Apapam	Mining Lease	33.65		18/12/2008	17/12/2015
	Akim Apapam	Reconnaissance Licence application	7.00	15/1/2008		
	Apapam Mining Lease Extension	Mining Lease extension application	1.42	19/11/2009		

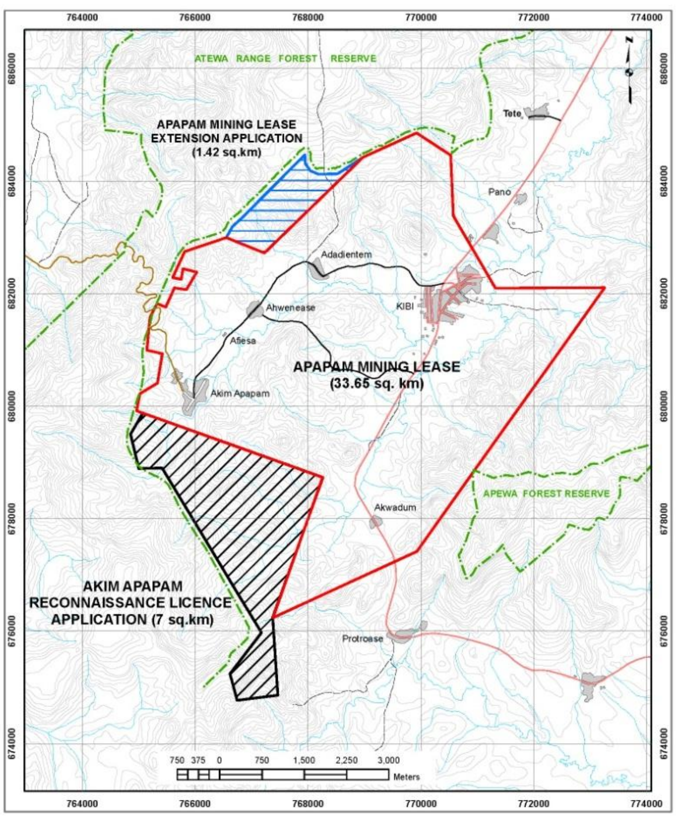


Figure 2 Map showing the three properties of Xtra-Gold's Kibi Gold Project.

2.1.1 Apapam Mining Lease

The registered holder of the Apapam Mining Lease is XG Mining, which is 90% owned and controlled by Xtra-Gold. The remaining 10% interest is held by the Government of Ghana. Pursuant to the Minerals and Mining Act, 2006 (Act 703) (the "Mining Act"), the Government of Ghana acquires a 10% free carried interest in all mining leases by way of 10% share ownership in all Ghanaian corporations who hold mining leases.

While the mining lease expires in 2015 (Table 2), it can be renewed for a further 30 year term in accordance with the Mining Act by XG Mining making application not less than six months prior to the expiry date.

Pursuant to the terms and conditions of the Apapam Mining Lease, Xtra-Gold was granted surface and mining rights by the Government of Ghana to work, develop and produce gold in the mining lease area (including the processing, storing and transportation of ore and materials).

2.1.2 Apapam Mining Lease Extension Application

The Kibi Gold Project land position includes a staking application for an extension to the Apapam Mining Lease along the northwest boundary of the Apapam Concession (Figure 2). The approximately 1.42 sq km (142 ha) parcel of crown land was staked to cover certain drill hole gold intercepts along the northern margin of the Zone 3 gold-in-soil anomaly, which presently lie outside the boundaries of the Apapam Concession.

The staking application was submitted to the Minerals Commission by XG Mining on November 19, 2009, after a professional land survey commissioned by the company delineated the wedge of open ground lying between the Apapam Mining Lease boundary and the Atewa Forest Reserve boundary. In accordance with Ghana government regulations, the staking application includes a 100 m buffer zone along the Forest Reserve boundary.

As at the date of this Report, the staking application is being processed by the Government of Ghana (Minerals Commission). It is believed that the application will eventually be granted in due course.

2.1.3 Akim Apapam Reconnaissance Licence Application

Xtra-Gold's land position in the Kibi Gold Project area also includes the application for the Akim Apapam reconnaissance concession contiguous to the southwest extremity of the Apapam Concession (Figure 2). A reconnaissance license application for this 7.0 sq km (700 ha) ground parcel was submitted to the Minerals Commission on January 15, 2008 in the name of XG Exploration. As at the date of this Report, the application is still being processed by the Minerals Commission, and Xtra-Gold has yet to receive legal title to this ground.

The Akim Apapam Concession forms part of a two (2) concession reconnaissance license which also includes the Saaman concession which is comprised of 3.0 sq km (300 ha) located approximately 16 km north of the Apapam Concession. The Saaman concession is not considered central to this Report due to its distal location is contiguous to another

Xtra-Gold project (Muoso Concession). Xtra-Gold has conducted limited exploration work on the Akim Apapam Concession, and there is no current knowledge of past exploration activity or lode gold occurrences on this ground.

2.1.4 Other Properties

Xtra-Gold also holds another four (4) concessions that are contiguous (Figure 3) and are located in the Kibi Gold Belt along the western flanks of the Atewa Range, for a total land position of approximately 226 sq km (22,600 ha).

Since limited work has been done on these concessions by Xtra-Gold they do not form part of the focus of this report.

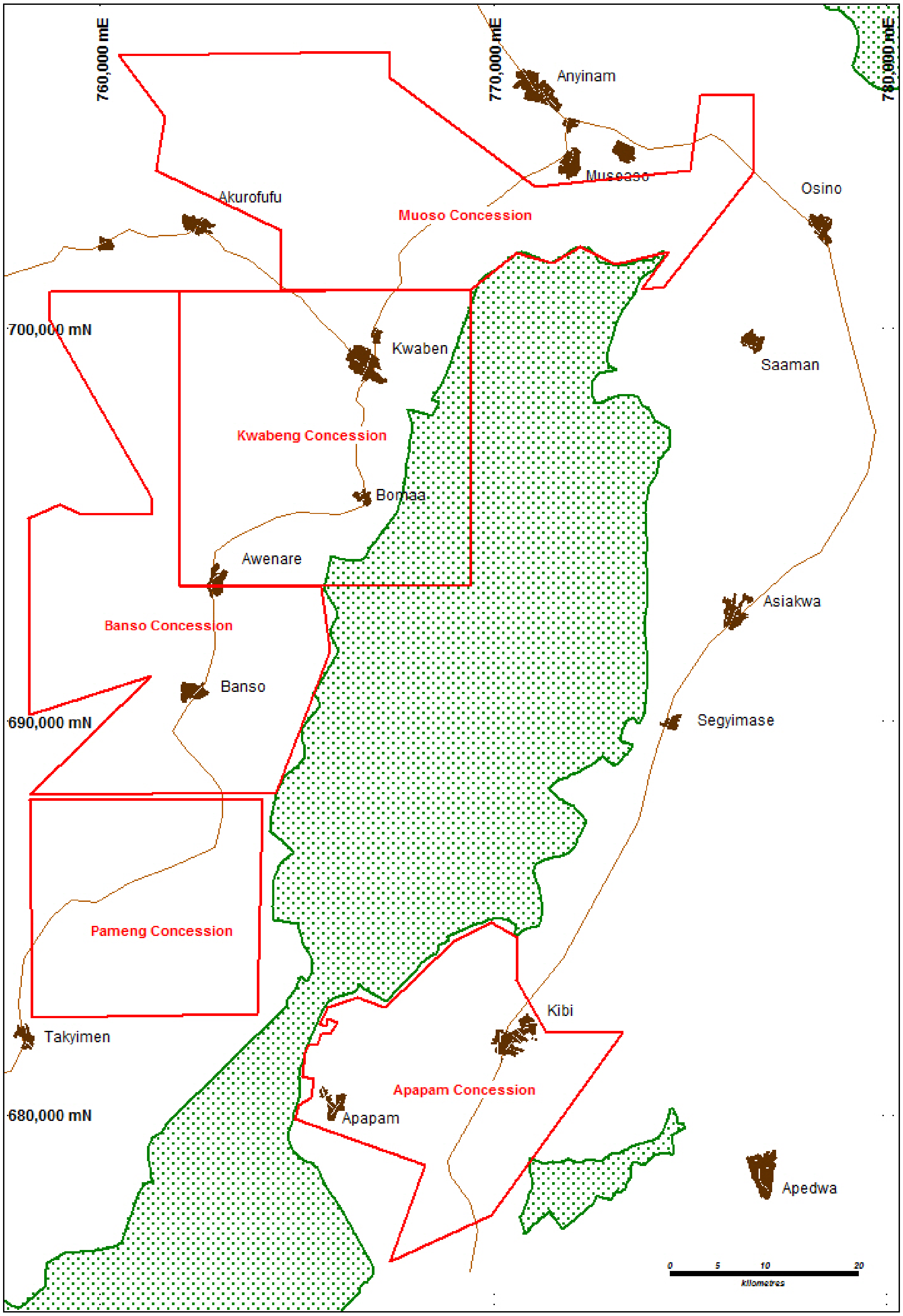
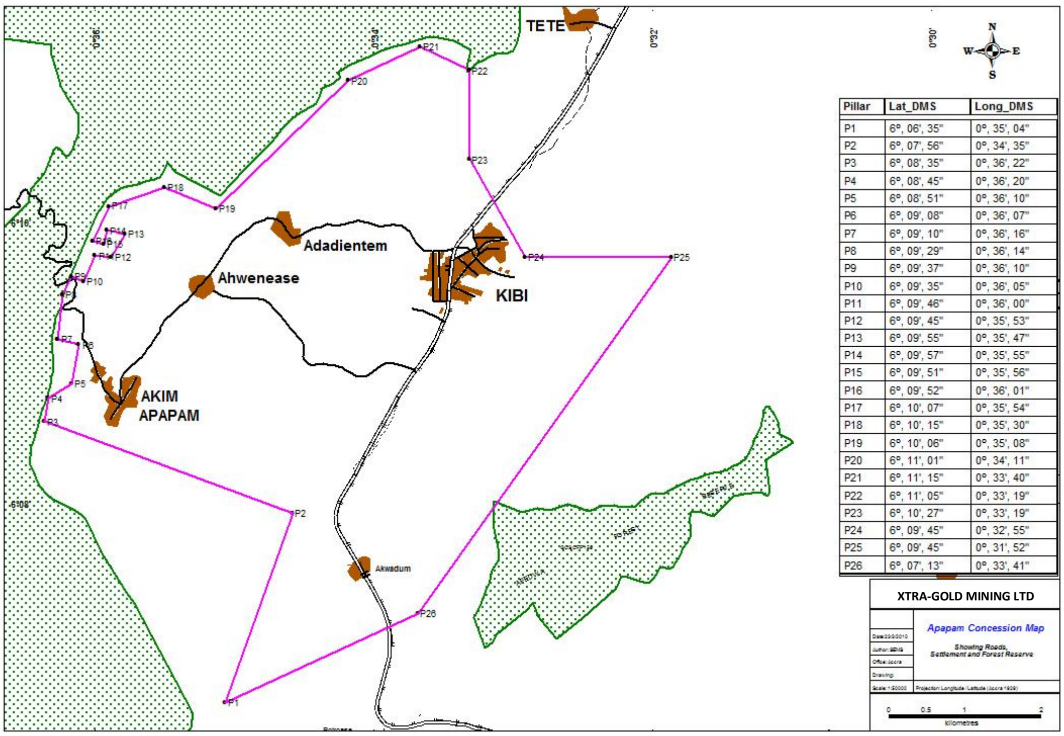


Figure 3 Xtra-Gold Concessions Located in the Kibi Gold Belt. Green area is the Atewa Range Forest Reserve.

2.2 Concession Boundaries

The Apapam Concession boundaries have not been legally surveyed, but are described by latitude and longitude via decree (Figure 4)[1].



Pillar	Lat_DMS	Long_DMS
P1	6°, 06', 35"	0°, 35', 04"
P2	6°, 07', 56"	0°, 34', 35"
P3	6°, 08', 35"	0°, 36', 22"
P4	6°, 08', 45"	0°, 36', 20"
P5	6°, 08', 51"	0°, 36', 10"
P6	6°, 09', 08"	0°, 36', 07"
P7	6°, 09', 10"	0°, 36', 16"
P8	6°, 09', 29"	0°, 36', 14"
P9	6°, 09', 37"	0°, 36', 10"
P10	6°, 09', 35"	0°, 36', 05"
P11	6°, 09', 46"	0°, 36', 00"
P12	6°, 09', 45"	0°, 35', 53"
P13	6°, 09', 55"	0°, 35', 47"
P14	6°, 09', 57"	0°, 35', 55"
P15	6°, 09', 51"	0°, 35', 56"
P16	6°, 09', 52"	0°, 36', 01"
P17	6°, 10', 07"	0°, 35', 54"
P18	6°, 10', 15"	0°, 35', 30"
P19	6°, 10', 06"	0°, 35', 08"
P20	6°, 11', 01"	0°, 34', 11"
P21	6°, 11', 15"	0°, 33', 40"
P22	6°, 11', 05"	0°, 33', 19"
P23	6°, 10', 27"	0°, 33', 19"
P24	6°, 09', 45"	0°, 32', 55"
P25	6°, 09', 45"	0°, 31', 52"
P26	6°, 07', 13"	0°, 33', 41"

Figure 4 Apapam Concession boundary and coordinates.

2.3 Location

The Apapam Concession is located approximately 75 km NNW of Accra, in the East Akim District of the Eastern Region of Ghana, on the eastern flank of the Atewa Range near the headwaters of the Birim River (Figure 1, Figure 3, Figure 5).

[1] Latitudes and longitudes are based on the Accra 1929 datum.

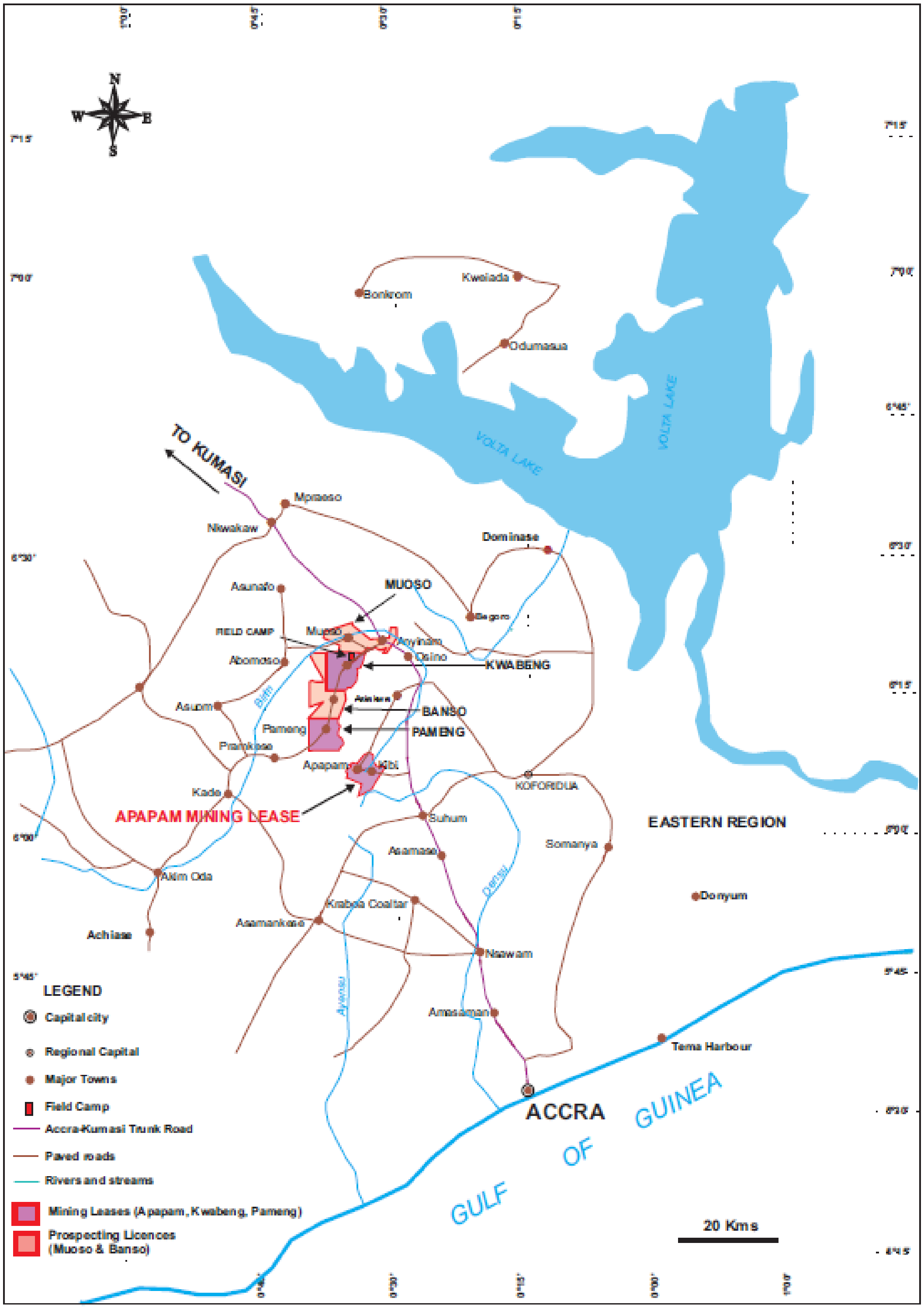


Figure 5 Location of Xtra-Gold Concessions, including the Apapam Concession, in south-eastern Ghana showing proximity to Accra.

2.4 Surface Rights

Pursuant to the Apapam Mining Lease, Xtra-Gold was granted the mineral surface rights and the rights below the surface of the Apapam Concession.

2.5 Obligations

Pursuant to the Apapam Mining Lease, Xtra-Gold has the following work and financial obligations.

2.5.1 Work Obligations

Xtra-Gold shall continuously operate in the Apapam Concession area in accordance with good mining practices until the earlier of:

1. such time as the reserves or deposits may be exhausted or the mine can no longer be economically worked; or
2. until the expiry of the Apapam Mining Lease.

Xtra-Gold shall conduct all of its operations with due diligence in a proper and workmanlike manner, observing sound technical and engineering principles using appropriate modern and effective equipment, machinery, materials and methods, with particular regard to the conservation of resources, reclamation of land and environmental protection generally.

2.5.2 Financial Obligations

Xtra-Gold shall pay rent half-yearly in advance on or before the 1st day of January and July 1st in each year of the Apapam Mining Lease at the rate of GHS20.00 (US$10.65[2]) per sq km. Given an area for the lease of 33.65 sq km, this amounts to approximately US$358 per half year or US$716 per annum.

There is no expenditure commitment as far as SEMS is aware.

2.6 Small Scale Mining Leases

The Apapam Concession covers a 33.65 sq km (3,365 ha) area with the exception of two (2) small scale mining (SSM) licenses, comprising approximately 0.1012 sq km (10.12 ha) located within the northwest portion of the concession (Figure 6). These small scale mining leases were granted by Mincom prior to Xtra-Gold's application for the mineral rights (the Apapam Mining Lease) to the concession.

None of the in situ, lode gold mineralization occurrences described in this Report are located within and/or proximal to these third party SSM licenses, and there is no current knowledge of any lode gold occurrences being present on these parcels. No information is available on past and/or current alluvial gold mining activity on these SSM licenses.

[2] Conversion as at 29th October 2012.

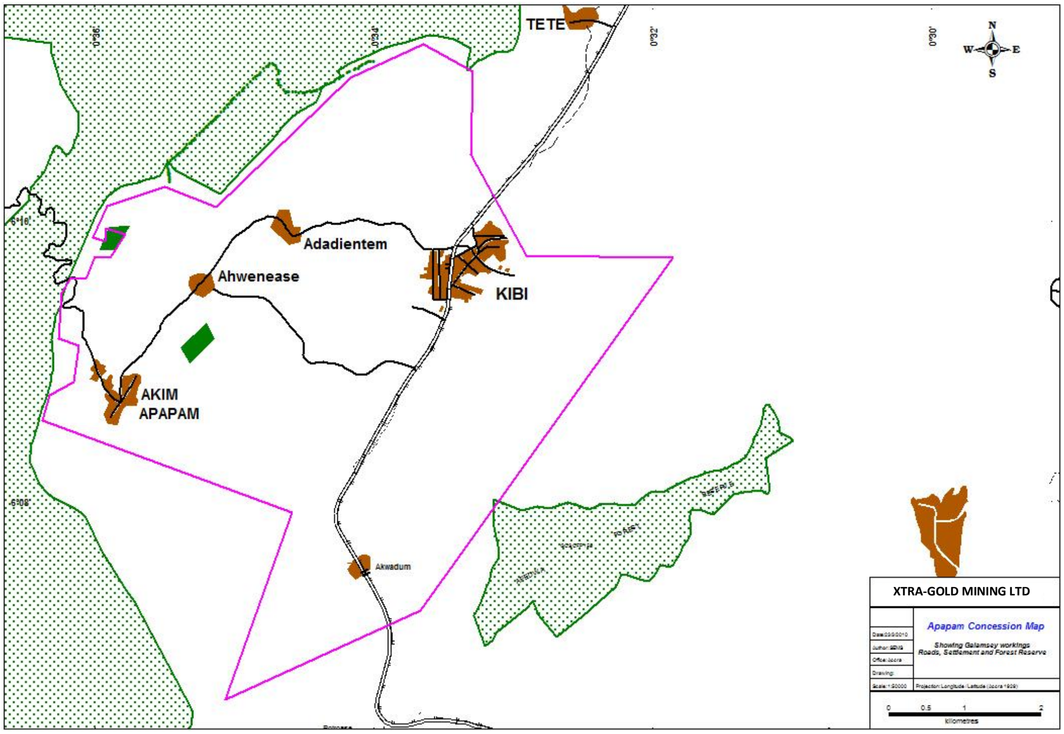


Figure 6 Map showing two Third Party Small Scale Mining Leases (green) within the Apapam Concession.

2.7 Royalties, Payments, Agreements and Encumbrances

2.7.1 Royalties

Once production begins Xtra-Gold will have to pay a royalty to the Ghanaian government in accordance with the Mining Act. Details have been discussed in Section 1.8.2.

2.7.2 Payments, Agreements and Encumbrances

The Kibi Gold Project is not subject to any back-in rights, payments or other agreements and encumbrances.

2.8 Environmental Liabilities and Permits

In accordance with the rules and regulations of the Environmental Protection Agency ("EPA") of Ghana, the open trenches excavated by Xtra-Gold must be backfilled after mapping and sampling has been completed. Xtra-Gold has adopted a program of backfilling all excavations once mapped and sampled, however, some trenches have been preserved for ongoing exploration purposes and comparison with drilling.

Drilling requires clearing of land for drill pads where the drill sits during operation. Xtra-Gold has adopted a policy of keeping drill pad sizes to a minimum in order to minimise the impact on natural forests. Also, sumps are filled in, and drill collars are capped with concrete once the drill holes are completed.

An annual environmental permit must be issued by the EPA in order to carry out exploration or mining activities. Xtra-Gold has been granted an environmental permit to carry out its exploration activities.

3 Accessibility, Climate, Infrastructure and Physiography

3.1 Topography, Elevation and Vegetation

Topography is characterized by steep sloping ridges and undulating mountain side hills. The Apapam Concession is dominated by the prominent, NNE trending Atewa Range that is about 50 km long and 10-15 km wide. The steep flanks feature a wide variety of high canopy tropical hardwoods typical of south-western Ghana whereas the summit has a diverse flora, including extensive hanging vines. Relief in most parts of the Apapam Concession is quite modest (10-30 m) but changes abruptly at the base of the steep-sided flanks of the Atewa Range.

The maximum elevation on the Range is about 780 m above mean sea level and stands well above the surrounding lowlands, which are at approximately 180-200 m above mean sea level. The Birim River has its headwaters in the Atewa Range and is one of the sources of water for the local villagers.

Vegetation on the Apapam Concession consists of low, thick bush and open canopy deciduous trees with occasional zones of moderately dense primary and secondary forest.

3.2 Accessibility

Two asphalted secondary highways provide access to the Kibi Gold Project (Figure 4). Access to the Kibi Gold Project is by driving northwest from Accra on the paved Accra-Kumasi Trunk Road which is the main national highway for approximately 75 km until the town of Kibi (Figure 5). A tarred road emanating from the Accra-Kumasi Trunk Road approximately 15 km northeast of Kibi dissects the north-central and south-eastern portions of the Kibi Gold Project, while the tarred road servicing the town of Apapam provides access to the south-western extremity of the project. Xtra-Gold constructed a number of roads and 4WD tracks to provide access to the drill sites.

3.3 Proximity and Nature of Transport

The Kibi Gold Project is approximately 75 km NNW of Accra, the capital city of Ghana (Figure 5), and approximately 20 km south-southeast from the Field Camp, owned and maintained by Xtra-Gold. Transportation to the Kibi Gold Project is by vehicle; however 4 wheel drive vehicles are required to travel the system of drill access roads due to the steep topography.

3.4 Climate and Length of Operating Season

The regional area experiences two (2) annual raining seasons (March to July and September to November). Annual rainfall is typical of tropical areas, with 1,500 to 2,000 millimetres (“mm”) for most of the area and 2,000+ mm in the summit area.

Daytime temperatures peak in the range 30-35^{o} Celsius and is usually 23-28^{o} Celsius during the night.

The operating season for exploration is deemed to be all year long.

3.5 Local Resources

Cocoa is the main local resource. Most of the inhabitants of the Apapam Concession area are subsistence farmers growing cocoa, plantain, cassava and cocoyam. In addition, tomatoes, onions, peppers and garden eggs are also cultivated.

3.6 Infrastructure

Ghana has a fairly good network of paved highways and roads. Within the Apapam Concession, numerous tracks and paths are available for easy access to most points.

Power is available in larger towns and cities. The electrical grid follows the main secondary roads and most of the major villages in the Kibi District have electrical power. When the national power grid is not available, generators are used for backup power.

The major towns (Kibi, Anyinam) have limited centralized pipe-born water supplies with most of the towns depending on wells and boreholes as well as nearby streams.

Telephone communications are fairly stable and mobile cellular phones are typically used outside of centralized areas of Ghana.

The infrastructure in the Kibi District is fairly well developed. The town of Kibi is a major regional centre with a population of over 8,000. Kibi is connected to the national electricity supply network, and hospital, postal and other community facilities are available.

Extensive mining infrastructure is in place in all of the major gold producing areas of Ghana.

4 History

4.1 General History

The Kibi Gold Project is located at the northern extremity of the Kibi Gold Belt, in the East Akim District, in the Eastern Region of Ghana (Figure 1). It is located within an area historically referred to as the "Kibi Gold District" or the "Kibi District".

The Kibi District is one of the oldest gold-producing districts in Ghana. Virtually all of the past gold mining activity has focused on alluvial gold deposits in the many river valleys throughout the Kibi area. While some attempts to develop lode gold deposits have been made, there is no recorded production from such mines in the Kibi District.

4.2 Historic Alluvial Mining

Long before Europeans arrived, the locals mined alluvial deposits of the Kibi District for generations using the traditional pitting methods to access the underlying gravels. The Kibi District was coveted by the Ashanti Kingdom due to its known wealth in gold.

Direct European interest in the Kibi Gold Belt started mainly in the frenzied, but short-lived, gold rush in 1898. The most famous of these areas was known as "Pusu Pusu", a small village located at the base of the northeast flank of the Atewa Range, approximately 15 km northeast of the Apapam Concession.

Junner (1935) reported that Europeans started alluvial mining operations in this area in 1903 and continued intermittently until 1930. This area was known for coarse nuggets of gold, and recorded production from mining companies during the 1920s was more than 267 kg from about 298,000 cubic metres with a recovered grade in the range of about 0.8 to 0.9 g/m^3. Two (2) dredges mined gold in the Birim River, in the Kibi District between 1904 and 1905, for a total recorded production of 46.81 kg. The remains of one of these dredges still lie in the Birim River near Pano, just north of the Apapam Concession.

The general Apapam Concession area was first systematically explored in the late 1980s by WARDIG Plc ("WARDIG") who held a large tract of land extending from Pawtroasi in the south-west to Sajumasi in the north-east, encompassing the present Apapam Mining Lease and the Akim Apapam reconnaissance license application areas. In 1987 to 1988, RTZ Consultants Limited, on behalf of WARDIG, undertook preliminary exploration activities primarily designed to evaluate the alluvial gold potential, but while results were generally encouraging, no follow up work was carried out.

Also in the late 1980s, most of the major valleys extending from the summit of the Atewa Range were subjected to geological mapping and stream geochemistry as part of a lateritic gold reconnaissance program conducted jointly by Sikaman Gold Resources and BHP Minerals Ghana Inc. This work was undertaken under a special permit issued by the Minerals Commission.

In late 1990, Goldenrae, XG Mining's predecessor, started large scale alluvial operations at the Kwabeng gold deposit lying along the western base of the Atewa Range. Mining stopped at the end of 1993 after having recovered approximately 522 kg of alluvial gold (Griffis et al, 2002).

In 1991, EQ Resources carried out a successful alluvial pitting program in cooperation with Goldenrae. In 1993, Goldenrae completed additional test pitting and an in-house study indicating an historic, non NI 43-101 compliant, resource of 3,717,000 cubic metres of gravel with a grade of 0.63 g/m^3, equivalent to approximately 2,330 kg of gold (Figure 7). Goldenrae had the intention of setting up a satellite operation to its alluvial mine in neighbouring Kwabeng, but the 1994 demise of its parent company left the project in limbo.

In the late 1990s, Ashanti Goldfields set up an alluvial processing plant on the banks of the Birim River on the Midras Mining concession located at Asikam, immediately north of the Apapam Concession. The alluvial gold operation reportedly produced 233 kg in 1998 however the production dropped to 33 kg in 1999, and mining operations ceased in that year.

From January 2007 to October 2008, XG Mining conducted trial mining at the Kwabeng alluvial deposit. From approximately 362,000 cubic metres of gravel at an average grade of 0.757 g/m^3, just over 274 kg of gold was recovered.

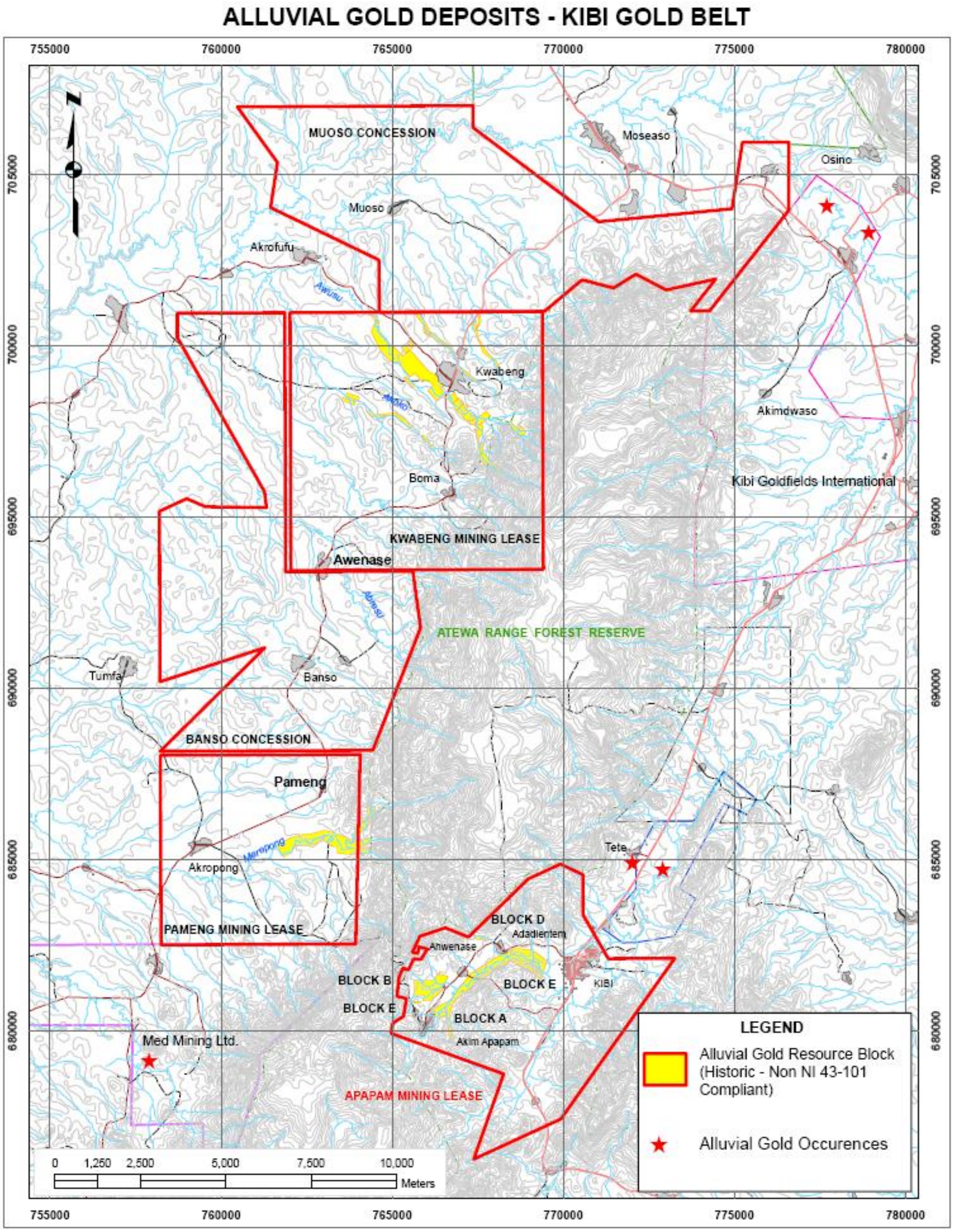


Figure 7 Alluvial Resource Map in the Kibi Gold Belt (Goldenrae).

4.3 Historic Lode Gold Development

Historical records indicate the presence of at least three (3) lode gold prospects on the original Kyebi Land Corporation concession (*circa* 1901). Two (2) of the prospects, known as the Clearing Reef (Kibi Mine) and the Hill Reef, which underwent underground development work in the early 1900s, are located at the north-central extremity of Xtra-Gold's Apapam Concession (Figure 8). The Kibi Mine is located in the northern part of the town of Kibi, while the Hill Reef lies on a 150 m high hill referred today by locals as "Gold Mountain", located approximately 400 m northwest of the town. The Hill Reef structure appears to correspond to Xtra-Gold's Zone 1 drill target.

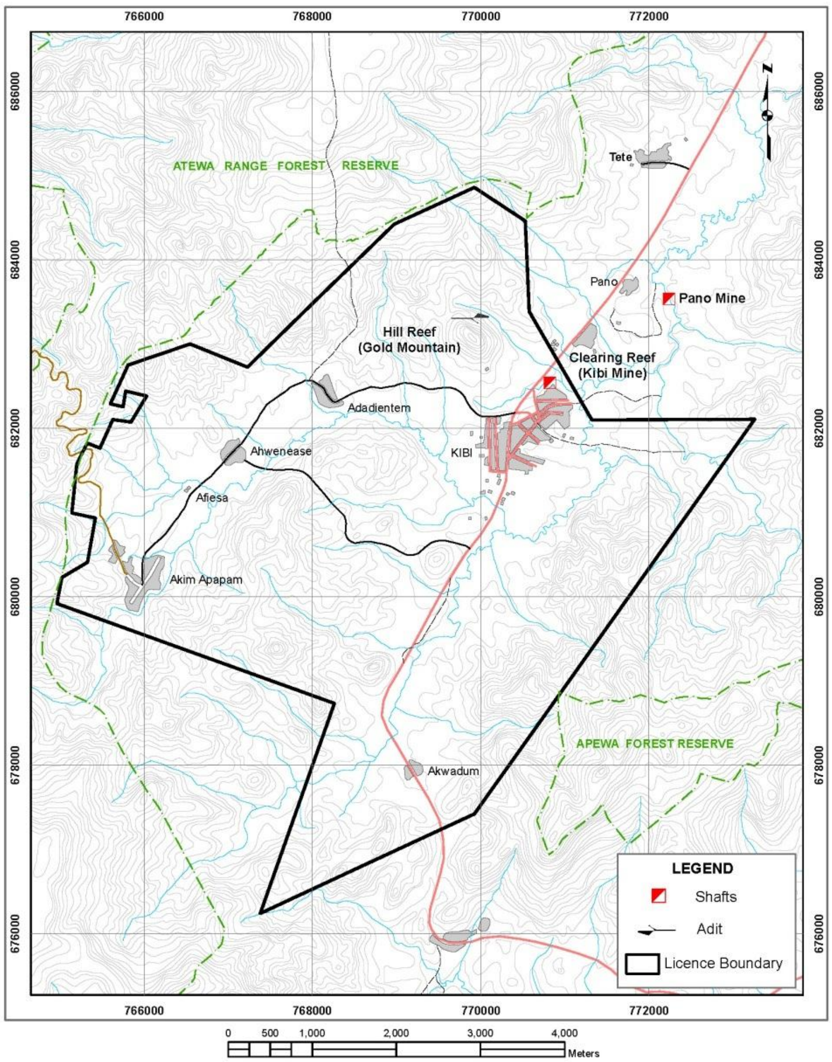


Figure 8 Map showing location of Clearing Reef (Kibi Mine) and Hill Reef (Gold Mountain) in the Apapam Concession.

4.3.1 Hill Reef (Gold Mountain)

Development work consisting of a shallow shaft (12 m) with limited drifting (45 m) was undertaken by Kyebi Land Corporation Limited circa 1908 on Hill Reef, located on a 150 m high hill referred today by locals as "Gold Mountain", approximately 400 m northwest of the town of Kibi. Grades are reported to range from 2 g/t to 38 g/t gold over 0.15 m to

0.90 m vein widths (Minerals Commission, 1988a). The Hill Reef structure appears to correspond to Xtra-Gold's 2008 Zone 1 drill target.

In addition, several hand-driven adits of unknown vintage, attaining up to 90 m in length, are also present along the southern and western flanks of Gold Mountain. The purpose of these adits positioned at or just below the eluvium/lateritised bedrock interface is unknown however they appear to have been excavated in the search for quartz veins and/or to test the eluvial "gravels".

4.3.2 Kibi Mine (Clearing Reef)

The Clearing Reef structure was reportedly worked from 1925 to 1927 and 1936 to 1938, by Akim Limited and Kyebi Land Corporation Limited, but it is unclear if the Kibi Mine ever reached actual commercial production as there are no known gold production figures available.

Mine plans on file at the Minerals Commission indicate the presence of 10 shafts (although some of these are believed to only be shallow test pits) and 19 trenches spread along an approximately 475 m distance along the trace of the Clearing Reef structure (the lateral extent of the vein at surface, as shown on one plan is only 274 m). The main shaft was sunk to a final depth of approximately 52 m, with drifting established on the 20 m, 36 m and 46 m levels.

The Birimian greywacke-hosted structure encompasses three (3) ENE-trending (070^{o}/50 SE), auriferous quartz veins (or vein systems) ranging in width from a few centimetres to approximately 2 m, known as Main Reef; Middle Reefs; and South Reef. Gold grades for the 20 m level reportedly averaged 10.85 g/t, with higher grades being reported from the lowest level. According to an Akim Limited company report, a 60 m segment of one (1) vein, which was traced over a 305 m strike length, averaged 30 g/t gold over a 0.61 m vein width (Junner, 1935; Kesse, 1985; Minerals Commission, 1988a, 1988b).

5 Geology

5.1 Regional Geology of Southern Ghana

The geology of south-western Ghana is dominated by the Paleoproterozoic Birimian Supergroup. This supergroup is dominated by of a series of metasedimentary basins alternating with metavolcanic belts. The basins and belts extend approximately 200 km along strike usually with a NE-SW trend (Figure 9).

The geological evolution of the belt commenced with stabilization of the crust followed by an episode of rifting and incipient ocean floor spreading. Rifting gave rise to the formation of tectonically active basins and micro-plates. Along plate margins, volcanic island arc complexes were formed. Volcaniclastics associated with the island arc complexes, along with sediments derived from uplift and erosion of the craton margins, fed the elongated basins. Rifting was followed by shortening during the Eburnean Orogeny in which the island arc and basinal assemblages were deformed. Under the compressional regime, the basinal sediments were folded and the island arc assemblages migrated along major thrust faults. Later deformation gave rise to major wrench faults, which occurred preferentially at the margins of the volcanic belts and basins.

These faults trend northeast-southwest and were similar in genesis and characteristics to the Asankrangwa Fault within the Kumasi Basin. The faults have a strike extent exceeding 200 km and control the location of many granitoids in the basin. The margins of the belt and basin commonly exhibit faulting on local and regional scales. These structures are of fundamental importance in the development of gold deposits in the region.

Syn- and post-tectonic granitoids intruded both the metasediments and metavolcanics of the Birimian Supergroup as a result of the Eburnean Orogeny. The granitoids can be broadly grouped into two (2) types; namely Basin and Belt types. Basin granitoids intruded the metasedimentary basins, whereas Belt granitoids intruded the volcanic and volcanosedimentary assemblages in the belts.

Uplift and erosion, prior to the final stages of deformation, resulted in the deposition of intracratonic sediments; the Tarkwaian Supergroup, which unconformably overlies the Birimian Supergroup. The contact between the Tarkwaian and Birimian Supergroup is always tectonic and may represent migration of the Tarkwaian along major thrusts.

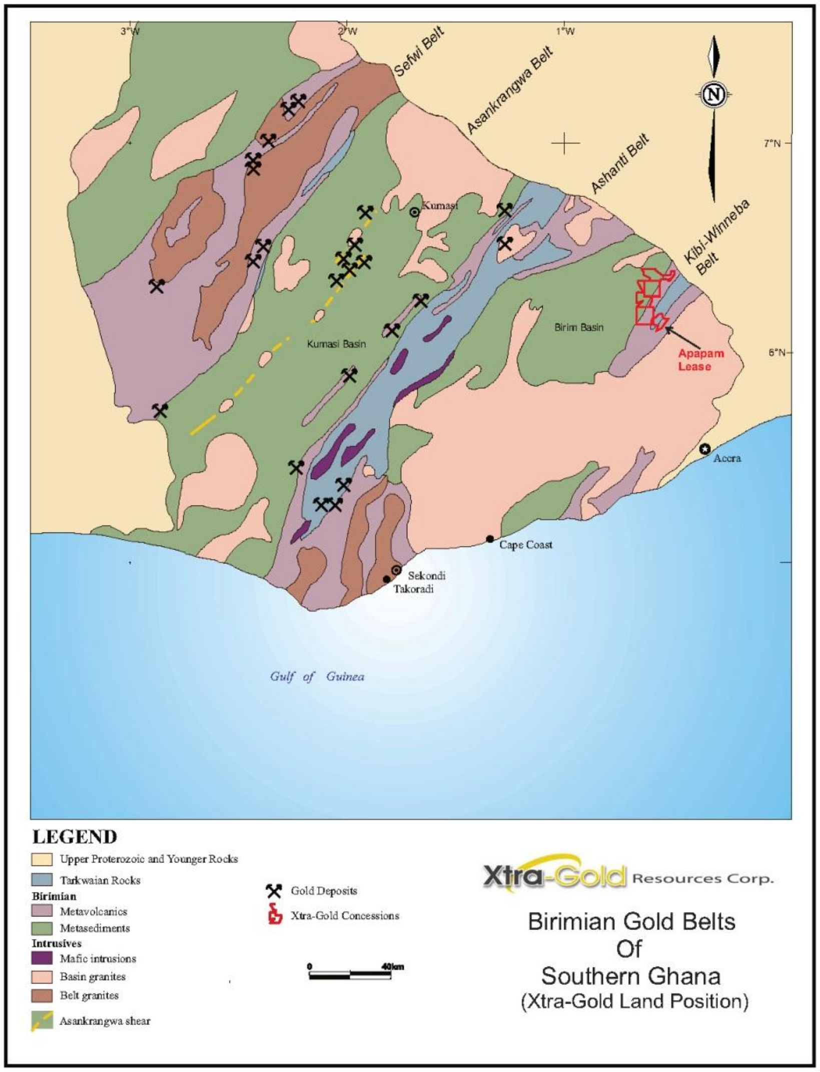


Figure 9 Geological map of southern Ghana showing metasedimentary basins (green), metavolcanic belts (purple), basin granitoids (pink) and belt granitoids (red).

5.2 Geology of the Kibi Belt

The Kibi Gold Belt is the easternmost of the Birimian metavolcanic belts in southern Ghana. It is located east of, and parallel to, the prolific Ashanti Gold Belt, which hosts many of Ghana's active producing gold mines. The NE-trending Kibi greenstone belt is approximately 60 km long. Its southern extremity is truncated by a large granitoid batholith, whereas its northern extremity is overlain by younger, flat lying sediments of the Pan-African Voltain Supergroup. The Kibi Belt appears to have gradational margins with the adjacent Birim River Basin. It is generally accepted that the Kibi Gold Belt and the Winneba Belt, located to the southwest in the Cape Coast area, formed one continuous volcanic belt at one point, which was severed by late Eburnean granitoid batholiths (Figure 9).

The geology of the Kibi Gold Belt is not as well established as the other Birimian greenstone belts of Ghana, due to the poor exposures, limited government survey mapping, and the lack of exploration activities. General property area geology is summarized from Griffis (1998) and Griffis et al (2002), and a Kibi Gold Belt geology map is provided in Figure 10.

The property area is topographically dominated by the steep-sided Atewa Range exhibiting a relief of approximately 500 m with the surrounding valleys; with its flat summit attaining an elevation of approximately 780 m above sea level. The Atewa Range is underlain by NE-trending Birimian units described as greenstones (altered basalts and andesites), phyllites, meta-tuffs, epi-diorite, meta-greywacke and chert. The broad valleys are underlain by thick sequences of metasediments (greywacke, argillite, and phyllite). The north-western extremity of the Atewa Range is the type-locality for the Birimian metasediments and metavolcanics.

Regional traverses and airborne geophysical data indicate the presence of extensive volcaniclastics with narrower bands of mafic flows and mafic sills. Numerous, small, radiometrically inferred plutons of Belt-type intrusives appear to be emplaced within the belt; and several northeast-elongated bodies of Basin-type intrusive are inferred within the metasediments along the western margin of the belt. The Belt-type granitoids of southern Ghana are most commonly of diorite to granodiorite composition, while the Basin-type granitoids are of granodiorite to granite composition. The Belt-type granitoids were emplaced earlier as subvolcanic plutonism between 2179 and 2136 Ma (Hirdes et al, 1992); while the Basin granitoids were emplaced mostly during the Eburnian Orogeny, between 2116 and 2088 Ma (Oberthür et al, 1998).

The belt exhibits a number of regional NE-trending structures inferred from airborne geophysical data and the topographic patterns. The topography also suggests several cross cutting features along several of the major valleys on the flanks of the Atewa Range. Some of these inferred structures correspond to valleys hosting significant alluvial gold occurrences which may be indicative of primary lode gold sources. Recent syn-depositional models for the basin and belt units suggest that the belt is an overturned antiformal structure with a major northeast-trending reverse fault (dipping northwest) along the eastern flank of the range (Eisenlohr and Hirdes, 1992).

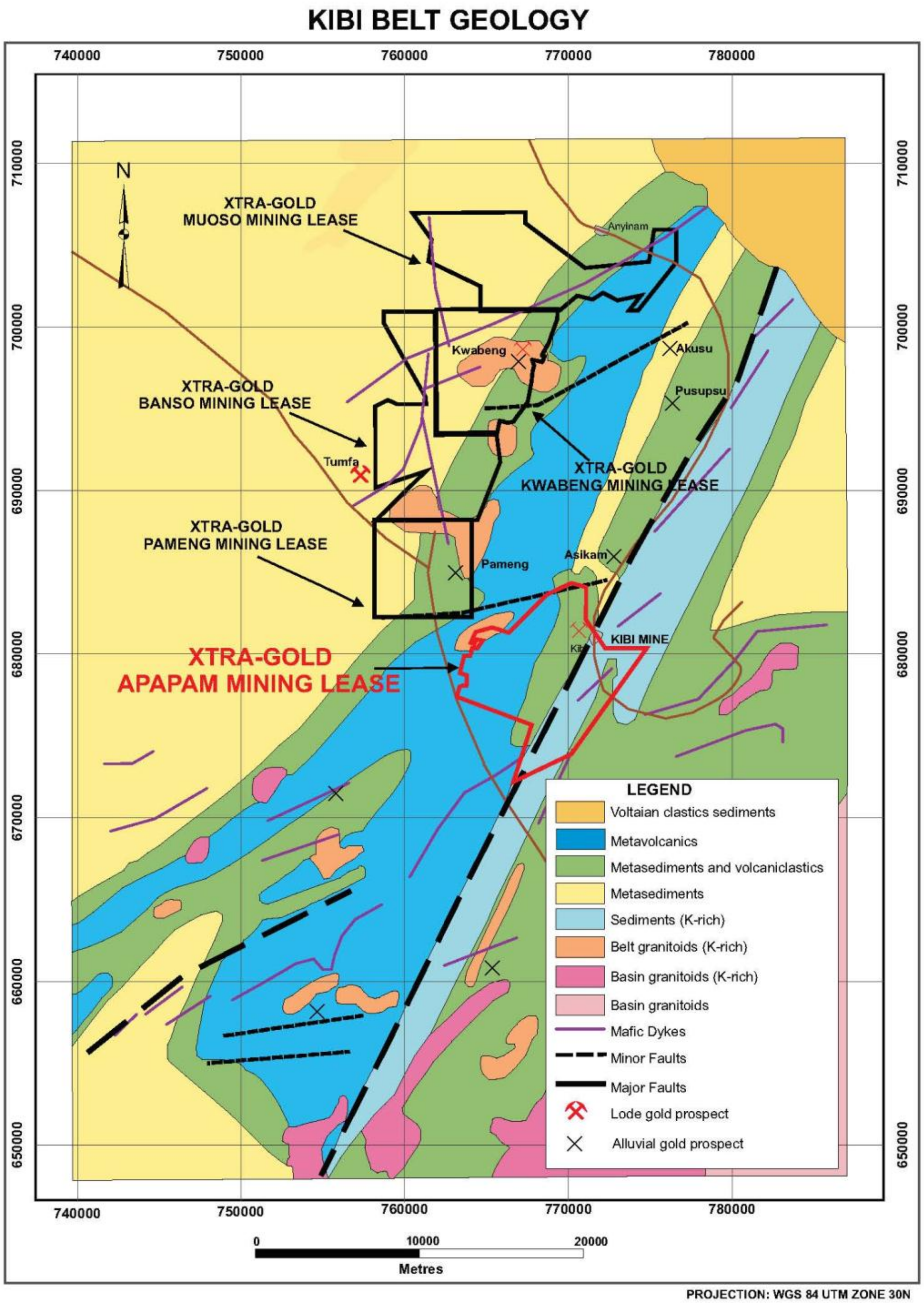


Figure 10 Map showing the Kibi Greenstone Belt geology

5.3 Geology of the Kibi Gold Project

The most recent Kibi Greenstone Belt geology map (Figure 10) is based on regional geological survey traverses and airborne geophysics interpretation (aeromagnetic and radiometric). This map indicates that the concession is underlain by a series of NE-trending, Paleoproterozoic Birimian units. These including an extensive metavolcanic sequence dominating the north-western portion of the concession, a central metasedimentary and volcaniclastic rock package, and a potassium-rich sedimentary rock unit along the south-eastern margin of the concession. A regional, NE-trending structure is interpreted to dissect the central portion of the property, along the contact between the metasediment/volcaniclastic and potassium-rich sediment units. An ENE-trending, radiometrically inferred body of belt-type granitoid appears to be present along the north-western margin of the property. NE-trending mafic dykes and sills of Mesozoic age also intrude the Birimian stratigraphy.

Detailed geological mapping has been confined to Zone 2, 3, and 1 of the Kibi Gold Project, located along the north-western margin of the Apapam Concession; where Xtra-Gold has also focused its trenching and drilling efforts (Figure 11). Due to the tropical vegetation and lateritic gravel cover, bedrock geology mapping, in addition to drill hole observations, is for the most part restricted to trenches and saprolite exposures along access roads and drill pads. At present, due to the limited surface exposures and relatively broad spacing of drill holes, correlation of lithologies between surface exposures and/or between surface exposures and drilling data remains tentative in nature.

Geological mapping, trenching, and drilling conducted by Xtra-Gold indicates that, contrary to the regional geology map, the north-western part of the concession is actually dominated by metasedimentary rocks with relatively minor mafic metavolcanic flows and/or mafic sills; and possibly small plutons of belt-type granitoids.

The metasedimentary rock package is characterized by two (2) dominant lithologies: thinly bedded, medium to coarse grained greywacke with siltstone intercalations; and phyllites. These rocks are generally tight to isoclinally folded with a moderately to strongly developed NNW to NE-trending, steeply east dipping axial planar foliation. Transposition of bedding is commonly present within fine-grained units.

Mafic metavolcanic flows and/or mafic sills are characterized by massive, medium grained units typically ranging from 5 m to 30 m in thickness. These rocks are generally weakly foliated with 10 cm to 50 cm sheared intervals defined by strong foliation, and exhibit dominantly chloritic alteration with variable carbonate and leucoxene alteration.

The Birimian stratigraphy is intruded by widespread sills, dykes, and possibly small plutons of granodiorite, quartz diorite, and tonalite. Granitoid sill/dykes exhibit highly variable dip attitudes and 3D geometry so additional work is required to define their true-width and orientations. Similarly, insufficient work has been conducted to determine if the numerous, variably trending, granitoid bodies identified to date represent fold and/or fault-related repetitions or distinct bodies; however individual granitoid sill/dyke segments have been traced to distances of up to approximately 225 m. Some granitoid bodies with presently undefined margins (open-ended) may represent small plutons.

Several N to NE-trending, steeply E to SE dipping shear zones, which appear to have developed contemporaneously with the Eburnean deformation event, occur in Zone 2, including: a shear zone developed along the contact of a quartz diorite body. It consists of a 1.5 m wide graphitic zone within phyllites at the zone's eastern extremity, and a wide high-strain corridor in the tonalite body at the zone's western extremity.

Shears and veins appear to have formed during northwest directed thrusting. A SE over NW reverse sense of shear is indicated by the following structural observations: steeply plunging mineral lineation in sheared metasedimentary rocks indicative of dip-slip movement; rotation of foliation into shear zones in metasedimentary and mafic metavolcanic rocks indicative of SE over NW movement; and shallow-dipping extensional veins associated with steeply dipping fault-fill veins in granitoid bodies indicative of reverse sense of shear.

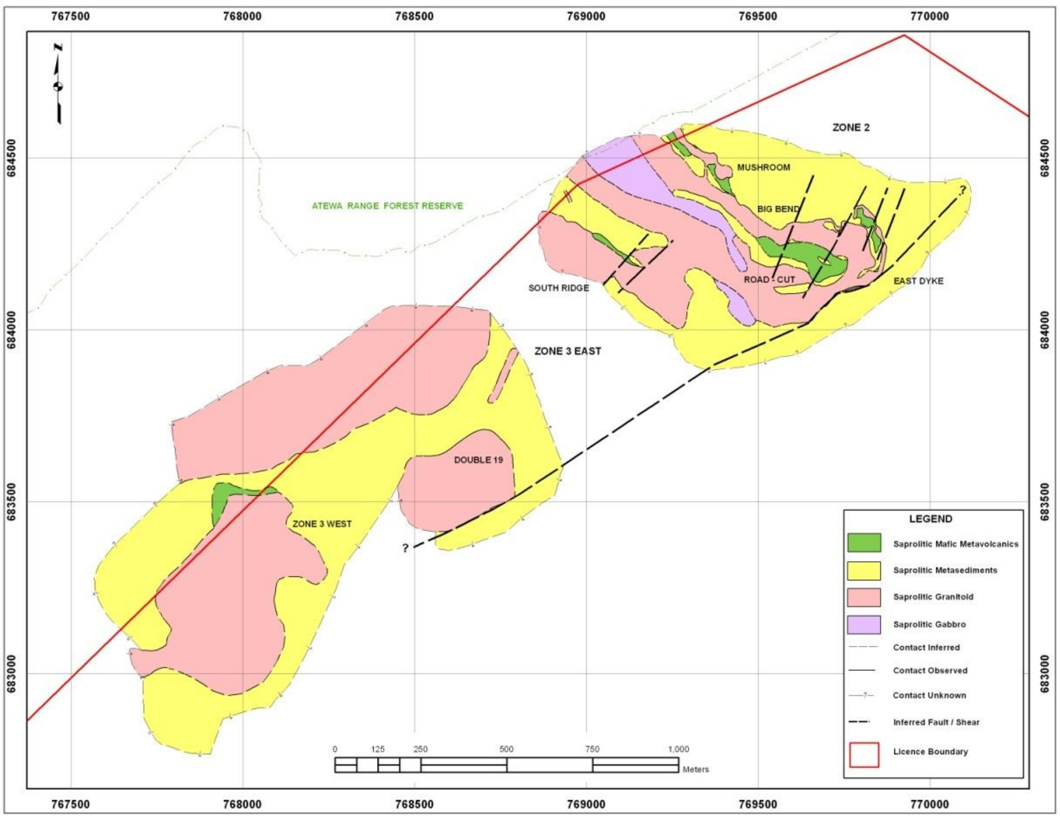


Figure 11 Map showing geology mapped by Xtra-Gold geologists in the north-western part of the Apapam Concession.

6 Gold Deposits

6.1 Alluvial Gold Deposits of Ghana

In the early years of gold production, Ghana was renowned for its alluvial gold. Many rivers drain the gold-bearing districts of southern Ghana and have been mined by hand, excavators and dredges. Rivers that have been dredged include the Ofin River, which is still being mined today with excavators, and the Birim River. Many tributaries of these rivers have also been mined.

Gold occurs as grains within gravels and sands in the alluvium deposited by streams. Size of the grains varies depending on size of the gold at the source and how far it has travelled. The roundness of the grains generally increases with distance from the source.

6.2 Alluvial Gold Deposits of the Kibi District

The Kibi Gold District is characterized by widespread alluvial gold occurrences present along the base of the Atewa Range and surrounding drainage systems. The blanket-like auriferous gravel units, present along the lower flanks of the Atewa Range, appear to reflect alluvial fans formed by fast flowing streams as they emerged into the lower valleys and onto adjacent plains. The general appearance and shape of the gold grains are indicative of only modest signs of transport, which suggests close proximity to the primary sources.

The following summary description of the geology and geomorphology of the Kibi District alluvial (or placer) gold deposits is primarily based on the extensive resource definition work conducted on the Kwabeng and Pameng concessions by Goldenrae in the late 1980s. The general characteristics of the Awasu and Merepong river valley deposits, located on Xtra-Gold's Kwabeng and Pameng Concessions, respectively, are quite typical of the alluvial gold deposits over much of the Kibi Gold Belt, including the Birim valley alluvial deposit on the Apapam Concession. The principal sources of information are from Junner (1935), and Griffis and others (1991).

The auriferous gravel deposits within the Awasu and Merepong river valleys located on the west flank of the Range, average 2-3 m in thickness, attaining 4 m in some areas, and underlie 2-3 m of silt and clay overburden. The average thickness of the gold-bearing gravel deposits within the Birim River valley on the Apapam Concession is 2.2 m, with the overburden cover typically ranging from 1-2 metres in thickness. The gravels typically exhibit clearly defined contacts with both the overburden and underlying saprolitic bedrock. Within the principal valleys the gravel units can attain several hundred metres in width; being narrower in the upper sections of the valleys and spreading out laterally downstream over several kilometres to the confluence with the Birim River. Most of the other main river valleys of the Kibi District have very similar alluvial units.

The gravels within the upper reaches of the valleys, along the lower flanks of the Range, tend to be quite coarse, commonly encompassing very large, rounded boulders, but clasts drop off significantly in size within a short distance downstream. The auriferous gravels typically consist of a mixture of boulders, cobbles, and pebbles (60%-70% coarse fraction) with a sand, silt, and clay matrix (30%-40%). The clay content can be quite substantial which can pose technical challenges in the processing of the gravels. The coarse clasts tend to be sub-rounded, matrix supported, and dominated by quartz but lateritic duricrust, metasediment, and metavolcanic clasts are also common. Although the gravels are essentially unconsolidated in active stream channels, in many other areas there is incipient laterisation in both overburden and gravels, especially in areas between drainages where the overburden and gravel is relatively thin.

Gold fineness in the Kibi alluvial district is high; predominantly in the range of 900 to 940. The gold is normally quite coarse, especially in the upper reaches of the valleys, but the grain size decreases noticeably in the downstream direction through migration. In the upstream sections of the Awusu and Merepong river valleys, the coarsest fraction (+1.00 mm) makes up 30%-60% of the total gold, whereas the fine fraction (-0.2 mm) is usually only 4%-10% of the total gold. Even the downstream areas contain fairly coarse gold, with the -0.2 mm fraction being only 15%-20% of the total gold content. The coarser gold grains tend to be sub-rounded and irregular in shape whereas the finer particles are generally flaky. The general appearance and shape of the gold grains are indicative of only modest signs of transport which suggests proximal primary sources. Fragments of angular, intricately shaped vein quartz containing coarse, wiry gold, recovered from the Kwabeng alluvial operation, further supports proximal bedrock sources. However, a small percentage of gold grains are very well rounded and worn; these appear to be from a secondary source, possibly originating from the lateritic capping on the summit of the Atewa Range and representing paleoplacer deposits which are now being re-eroded.

6.3 Hydrothermal Gold Deposits of Ghana

The deposit types being targeted at the Apapam Concession consist of mesothermal gold mineralization of the granitoid-hosted type and classic Ashanti-style sediment hosted shear zones; associated with a major northeast-trending reverse fault along the eastern flank of the Atewa Range. At the present, the granitoid-hosted type accounts for the majority of the identified gold occurrences of potentially economic significance on the concession, and is the current focus of Xtra-Gold's exploration efforts, however soil geochemical, prospecting and geophysical results, and historic auriferous quartz vein showings, indicate that the concession is also prospective for Ashanti-style shear zone gold mineralization.

6.3.1 Shear-hosted gold deposits of Ghana

Characteristics of the Ashanti-style shear zone hosted (or boundary fault environment) gold deposits are described as follows by Naas (2008). For over a century, mineralization associated with belt-basin faults was the target for both local prospectors and foreign exploration companies; it was a primary exploration target due to the presence of coarse, visible gold. Deposits of this type in Ghana include Obuasi, Prestea, Bogosu, Konongo and Bibiani. There are a number of commonly observed associations with this mineralization environment, which include:

- Located on, or close, to the lithological contact between greenstones and metasediments;

- Spatially related to deep-seated, high-angle wrench faults, which have a strike extent exceeding 100 km. Cross-cutting northwest-southeast trending faults have also exerted an influence on the location of gold remobilized from the main zones;
- Native gold is hosted by quartz veins, which may possess an en-echelon character. Grade-width characteristics persist virtually unchanged to depths exceeding one (1) km. The veins broadly parallel the regional foliation but in detail are seen to cross-cut this foliation;
- Disseminated sulphides in the wall rock are common;
- Several generations of quartz veining are common and gold is seemingly associated with the final phase;
- Mineralization is spatially associated with graphitic phyllites and manganiferous sediments;
- Mineralogy is simple with a strong positive correlation between gold and arsenopyrite. Accessory minerals include pyrite, chalcopyrite, pyrrhotite, and bornite;
- Strong silicification is common, accompanied by sericite and carbonate alteration. Tourmaline may also be present; and
- Granitoids may or may not be spatially associated with mineralization.

6.3.2 Granitoid-hosted gold deposits of Ghana

Over 20 significant gold occurrences hosted by Belt and Basin type granitoids are known in Ghana, with a number constituting significant deposits. The structural setting and mineralization style for Belt and Basin granitoid-hosted gold deposits are very similar in nature. These deposits represent a relatively new style of gold mineralization, or subtype, of the orogenic gold deposits of the Ghanaian Birimian terrane. Belt-type intrusive hosted gold deposits include Newmont Mining's Subika deposit, the largest deposit of the Ahafo mine project, and Kinross's Chirano deposits, in the Sefwi Belt; and Golden Star Resources' Hwini-Butre deposit at the southern extremity of the Ashanti Belt. Basin-type granitoid hosted gold deposits include Perseus Mining's cluster of deposits at the Central Ashanti Gold Project, and AngloGold-Ashanti's Anyankyerim and Nhyiaso deposits to the west of Obuasi, along the western flank of the Ashanti Belt. As opposed to the classical lode gold deposits of the Ashanti, Prestea and Bibiani districts, which were discovered by Europeans during the gold rush of the late 1800s, all of the aforementioned granitoid-hosted gold deposits were discovered since 1990.

Tectonically, the host intrusive bodies lie within or proximate to reactivated regional structures, and have deformed in a brittle fashion. In terms of lithology the Belt-type granitoids are most commonly of diorite to granodiorite composition, and the Basin-type granitoids of granodiorite to granite composition. The granitoids appear to have served as preferential conduits for fluid flow due to their brittle lithological characteristics. The emplacement of the granitoid-hosted mineralization is considered to have taken place during the main gold mineralizing episode that resulted in the more prevalent Ashanti-type Birimian metasediment/metavolcanic shear hosted deposits of Ghana (circa 2100 Ma). The mineralization typically consists of quartz veins/stockworks and pervasive alteration zones developed in brittle structures in the granitoids.

The ore mineral assemblage is mainly composed of pyrite, pyrrhotite and arsenopyrite, with minor chalcopyrite, sphalerite, and rutile. Hydrothermal alteration minerals are dominated by quartz, sericite (muscovite), sulphides (mainly pyrite, pyrrhotite, and arsenopyrite) and carbonates. Gold tends to be closely associated with the sulphides in both quartz veining and alteration zones.

6.4 Hydrothermal Gold Deposits of the Kibi District

Primary gold mineralization of potentially economic significance discovered to date on the Apapam Concession by Xtra-Gold consists predominantly of mesothermal gold mineralization of the granitoid-hosted type. The gold is associated with quartz-albite-carbonate-sulphide stockwork veining developed in sills, dykes, and possibly small plutons (stocks) of granodiorite, quartz diorite, and tonalite compositions, especially near the margins of the granitoid bodies.

Primary shear zone hosted gold mineralization does occur within the concession, but is of low grade and only of exploration interest. The shears are developed within metasedimentary rocks.

Auriferous veining in the granitoid bodies is characterized by cross-cutting quartz-albite-carbonate veins, with minor pyrite, pyrrhotite and arsenopyrite, (0.1 to 30 cm) that form a stockwork. The veins typically include shallowly to moderately dipping extensional vein arrays with minor steeply dipping vein sets. The three (3) dominant vein orientations are

(i) shallowly to moderately, WNW-NNW dipping veins;

(ii) steeply SE and NW dipping veins; and

(iii) shallowly E dipping veins.

The veining cross-cuts the foliation at a high angle indicating that the emplacement of the veins in the granitoid bodies post-dates development of the ductile shear zones in the granitoid bodies. Furthermore, this indicates that the gold mineralization post-dates (i.e. is not related to) the emplacement of the granitoid bodies, despite their spatial relationship.

Hydrothermal alteration adjacent to the veins is highly variable, but in heavily veined granitoid the assemblage is characterized by moderate to strong, semi-pervasive to pervasive quartz, carbonate, chlorite, and sericite; with associated patchy to pervasive sulphidisation in the form of disseminated pyrrhotite, pyrite, and arsenopyrite (+/- sphalerite). Variations in gold grade appear to reflect alteration mineralogy in granitoid host with the gold grade appearing to increase with stronger carbonate-quartz-pyrrhotite-arsenopyrite mineralization, which is spatially associated with quartz-carbonate stockwork veining.

7 Exploration by Xtra-Gold

Xtra-Gold started exploring the Apapam Concession in 2006 and is still conducting exploration in the area. The exploration work conducted during 2006, 2007 and 2008-2010 is summarised below as well as that which has been conducted since the last NI 43-101 report of July 2010. Most of the exploration work has been focused on proving economic quantities of primary gold which could be exploited by open pit method.

7.1 Exploration during 2006

The exploration program for 2006 was designed to test the Apapam Concession on a regional scale. The field work was implemented by CME from August 12 to September 23, 2006. The program largely consisted of geochemical sampling of various sorts to delineate the presence of primary gold.

7.1.1 Geochemistry

7.1.1.1 Stream sediment sampling

Stream sediment sampling was conducted over the whole of the Apapam Concession in an effort to hone in on prospective areas.

A total of 88 samples were collected from 44 samples sites from two (2) major streams and their respective tributaries; including 44 silt samples for geochemical analysis (BLEG) and 44 pan concentrate samples for visual gold grain counts.

The stream sediment anomalies are divided into two (2) zones as follows (Figure 12):

- Zone A (Adansu Anomaly): Consists of 1.5 km stretch at an average width of 1.0 km along the north-western boundary of the concession; and
- Zone B (Kokorabo Anomaly): Consists of 3.0 km long by 2.0 km in width sector covering the area between the south-western boundary of the concession and the floodplains of the Birim and Krensen rivers.

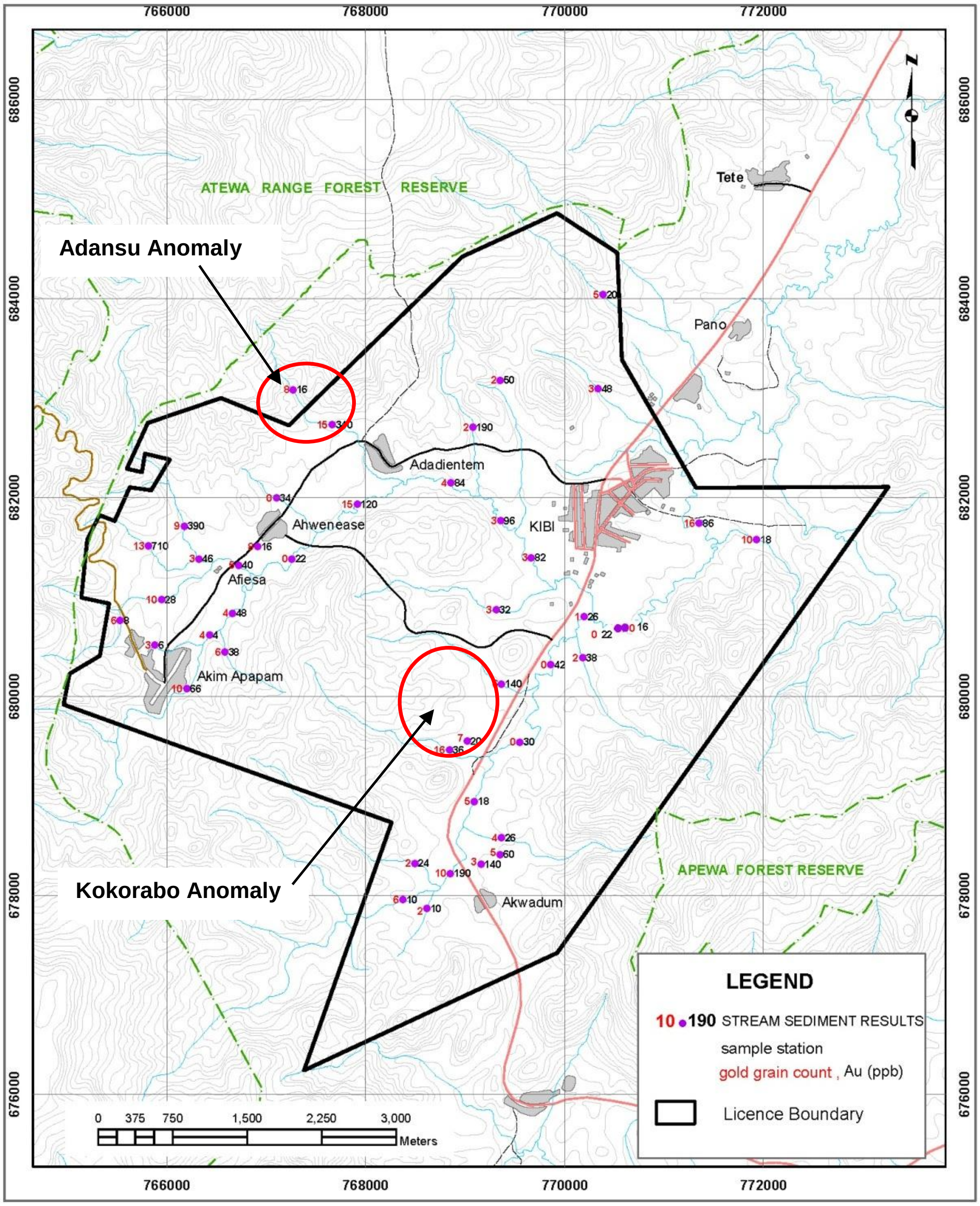


Figure 12 Map showing stream sediment anomalies in the Apapam Concession.

7.1.1.2 Soil sampling

A soil sampling survey was started mostly over the north-western part of the concession where the best of the stream sediment results were obtained. A total of 1,306 samples were collected and analysed from the area. Sampling was done every 25 m along lines trending NW-SE and spaced 100 m to 400 m apart. Soil samples were collected at a depth of 60 cm usually in the B horizon. Soil samples were by analyzed by Fire Assay and reported in parts per billion (ppb).

The geochemical soil survey conducted on the Apapam Concession produced several interesting gold-in-soil anomalies (Figure 13). The anomalies have been labelled as Zone 1, Zone 2, Zone 3 and Zone 4[3].

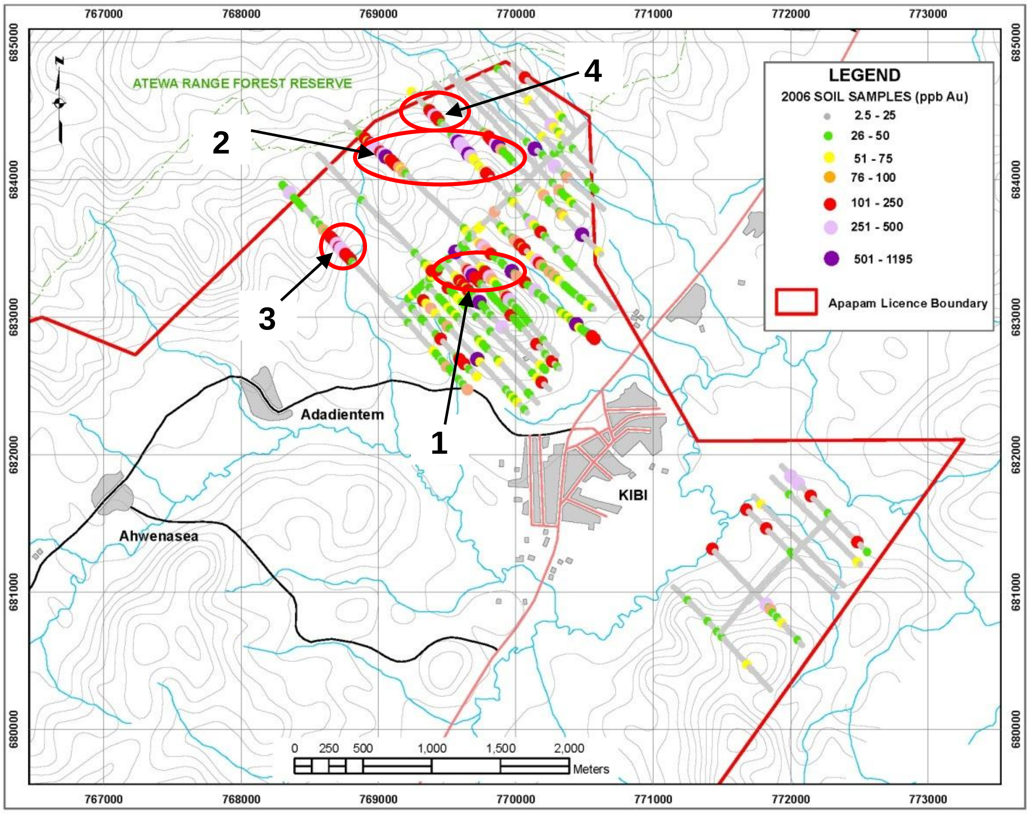


Figure 13 Map showing soil anomalies from sampling in 2006.

7.1.1.3 Rock chip sampling

Rock chip sampling at various outcrops in the concession were collected during stream sediment and soil sampling surveys. A total of 89 samples were collected and analyzed by Fire Assay.

Seven (7) out of the 89 rock samples returned values greater than 0.1 ppm Au. The highest gold value recorded is 1.01 ppm; with the remaining anomalous values falling in the 0.140 ppm to 0.970 ppm range.

Rock chip sampling confirmed the presence of mineralised quartz in the areas covered by Zone 1 and Zone 4 soil anomalies (Figure 13).

[3] Zones 1, 2, 3 and 4 were initially referred to as Areas 1, 2, 3 and 4 and subsequently as Zones 1, 2, 3 and 4 in the last NI43-101 report.

7.1.1.4 Adit sampling and road-cut sampling

A total of 100 samples were taken from adits and road cuttings in the concession. Three (3) historical adits, ranging from 7 to 85 metres in length, and a bedrock face exposed along a bulldozer road cutting, located on and in the vicinity of Kibi Mountain, were sampled. A total of 77 samples were collected from the three adits, and 23 samples from the bulldozer cut face, which were analyzed by Fire Assay.

No significant gold values were returned from the Adit 1 and Adit 3 sampling but the six (6) samples collected from Adit 2 yielded economically significant values between 0.710 ppm and 6.36 ppm gold from chip and channel samples. Channel sampling in this adit returned a length weighted average grade of 3.47 g/t Au over 3.80 m. Grab samples returned values of 1.0 ppm Au and 1.58 ppm Au.

Channel sampling in the bulldozer cut on the southwest side of Kibi Mountain returned 1.52 g/t Au over 1.0 m.

Adit sampling and sampling of the bulldozer cutting confirmed the presence of gold-quartz mineralisation in the area covered by Zone 1 soil anomaly (Figure 13).

7.2 Exploration during 2007

Exploration in 2007 consisted of a reconnaissance trenching program intermittently implemented by the Xtra-Gold exploration staff from February 2007 to December 2007. The trenching was carried out to test the geochemical signature at depth of the gold-in-soil anomalies, Zones 1, 2 and 3, detected within the north-western portion of the concession during 2006 (Figure 13).

7.2.1 Trenching

A total of 21 reconnaissance trenches ranging from 2 m to 224 m in length were excavated by Xtra-Gold personnel. A total of 542 channel samples (2 m) were collected from the 21 trenches totalling 1,090 linear-metres. Trenches were manually excavated by pickaxes and shovels to a typical width of 1 m and an average depth of 3 m, with some sections of the trenches reaching 4.0 m in depth. Trenching typically extended down to the saprolite horizon but locally the saprolite could not be reached due to safety concerns. Sampling consisted of a continuous channel sample collected from a canal excavated along the trench floor.

The bulk of the trenching efforts, including eight (8) trenches totalling 834 linear-metres (approx. 75%), focused on testing the Zones 1, 2 and 3 gold-in-soil anomalies delineated during the 2006. Eight (8) trenches totalling 144 m were excavated to test the subsurface in an area of extensive Ashanti-style pits discovered in what is now the north-central portion of the Zone 3 gold-in-soil anomaly. An additional five (5) trenches totalling 112 m were excavated to test the subsurface in areas of mineralized rock floats.

Four (4) out of the 21 trenches yielded length-weighted average grade intervals greater than the arbitrarily set exploration-significant threshold of 1.0 g/t gold, including: trench TKB003 in gold-in-soil anomaly Zone 1; trenches TKB004 and TKB005 in gold-in-soil anomaly Zone 2; and trench TAD001 in the Adadietem Area (Zone 3). The independent data verification program undertaken by CME entailed the complete re-sampling of the significant intervals (≥ 1.0 g/t Au) from the four (4) aforementioned trenches.

The CME re-sampling included 116 channel samples totalling 115.41 linear metres. Sampling consisted of a horizontal channel cut along the sidewall of the trench, approximately 0.2 m above the trench floor. Sampling was typically established at one (1) metre intervals, with sample lengths locally adjusted to accommodate geological features. Significant gold intercepts from the independent data validation program are presented in Table 3. The reported mineralized intercepts represent trench lengths and are not necessarily indicative of the true width of the mineralization.

Table 3 Significant[4] intercepts from the 2007 trenching program.

Trench ID	Zone	From (m)	To (m)	Length (m)	Au (g/t)
TKB003	Zone 1	46.36	54.10	7.74	1.60
TKB003	Zone 1	64.10	74.55	10.45	1.62
TKB004	Zone 2	203.00	214.00	11.00[5]	4.07
TKB005	Zone 2	61.00	74.00	13.00	5.23

7.3 Exploration during 2008 – 2010

Exploration work on the Apapam Concession during the 2008-2010 reporting period was aimed at advancing the Kibi Gold Project consisting of an 5.5 km long mineralized trend delineated from gold-in-soil anomalies, trenching along the northwest margin of the Apapam Concession; and characterized by widespread gold occurrences of the granitoid hosted-type.

7.3.1 Geophysics

7.3.1.1 Ground magnetic survey

A ground magnetic survey was conducted to help define the lithological and structural pattern of the mineralized trend, and prioritized trench/drill targets. The survey covered the entire Kibi Gold Project soil geochemical grid, totalling approximately 79 line-kilometres with station readings every 12.5 m along the lines.

The survey identified four main magnetic susceptibility domains reflecting local lithological units and a possible structural deformation corridor. The south-western portion of the grid is underlain by rocks exhibiting relatively high magnetic

[4] Significant means where grade x length >10, minimum length is 2 m, and using a 1g/t cutoff.
[5] Apparent Width: Estimated to represent a true width of 3 to 4 m based on shallow dipping ("flat lying") nature of the quartz veining.

susceptibilities, with this high magnetic domain broadly corresponding to an abrupt change to highly conductive terrane and the Zone 4 gold-in-soil anomaly.

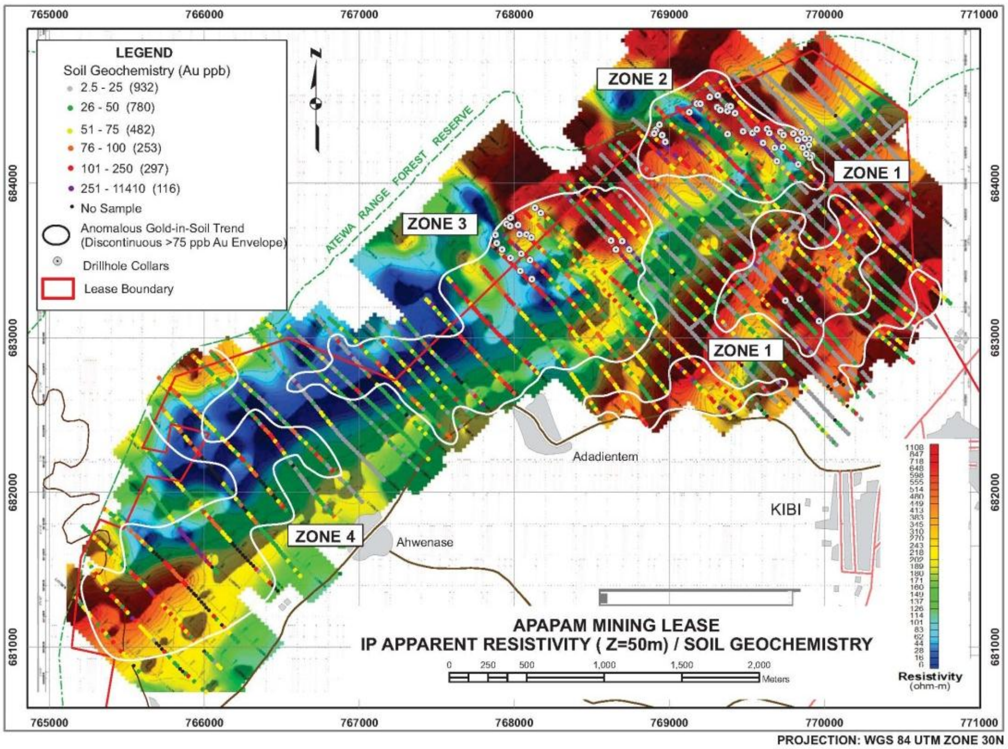
The north-eastern sector of the grid is characterized by a NE-trending, low magnetic susceptibility domain lying between two moderately magnetic units. This linear, non-magnetic domain exhibits a spatial association with the highly chargeable and conductive corridor identified by the induced polarization (IP) survey; possibly reflecting structure / alteration related magnetite destruction of the host rock. The low magnetic susceptibilities observed within the corridor can also reflect the presence of graphite and thick clays.

7.3.1.2 Ground IP/resistivity survey

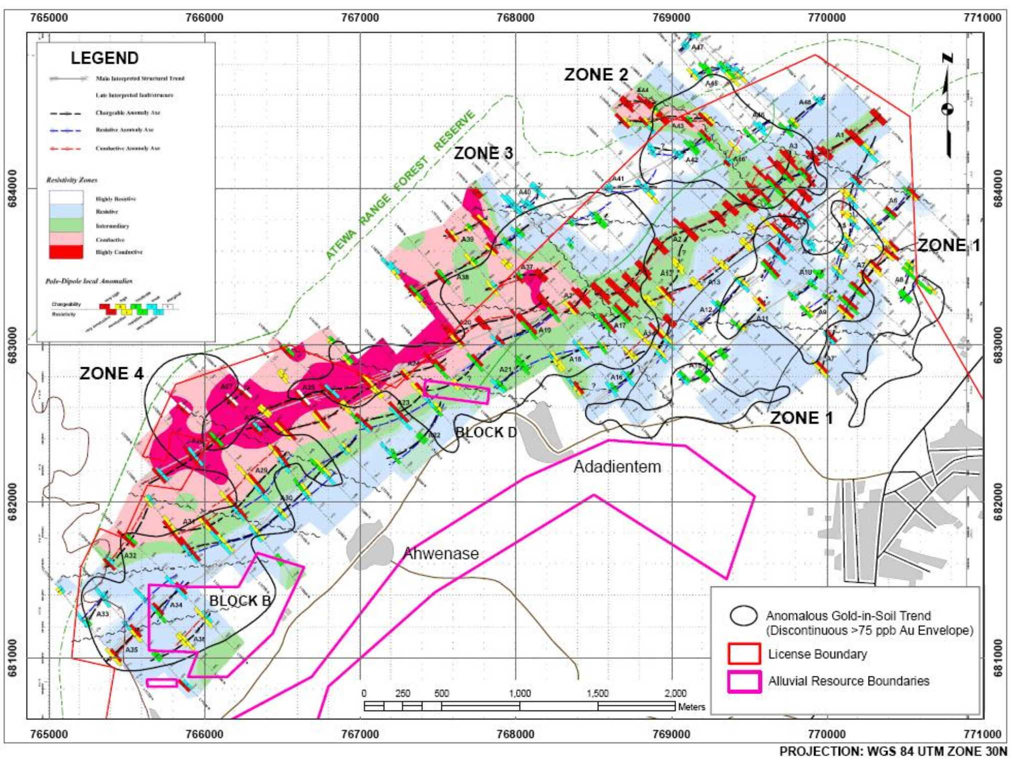
The entire Kibi Gold Project grid was also covered by IP/Resistivity (~ 64 line kilometres) survey to help define the lithological and structural pattern of the mineralized trend, and prioritized trench/drill targets.

The approximately 64 line-kilometre IP/Resistivity (Time Domain) survey, covering the entire extent of the Kibi gold-in-soil trend at 200 m spacing, with some 100 m detail sections centred on known gold showings (38 survey lines), was conducted using a Pole-Dipole Array with a dipole length of 50 m and dipole separations of n = 1 to 6. This survey design should yield an approximate depth of investigation of about 175 to 200 m at n = 6.

The IP/Resistivity survey identified 2 main resistive domains (Figure 14) exhibiting a close spatial relationship with the main four (4) gold-in-soil anomalies of the Kibi Gold Project (Zones 1 to 4). The resistive domains are interpreted to reflect the granitoids and/or carbonate-silica alteration associated with the known gold mineralisation. The survey outlined a prominent NE trending, high chargeability, high conductivity central corridor, which probably corresponds to a graphitic shear zone (Figure 14). IP anomalies may be detecting disseminated sulphides associated with gold mineralisation.



a.



b.

Figure 14 (a) Map showing image of the resistivity (z=50 m), as well as the soil anomalies. High resistivity is shown in red while high conductivity is shown in blue. (b) Interpretation of resistivity and IP, showing high conductors (red) and highly resistive rock (blue).

7.3.2 Geochemistry

7.3.2.1 Soil sampling

An extensive soil geochemistry survey covering approximately 47 line-kilometres (1,827 samples) was implemented in early 2008 to further define the extensive Kibi Gold Project gold-in-soil trend. Samples were taken every 25 m along NW-SE trending lines spaced 100 m-200 m apart. In accordance with the 2006 survey, samples were taken from a depth of 60 cm, which usually corresponds to the B horizon.

The soil sampling has further confirmed and defined the four anomalous zones, Zones 1, 2, 3 and 4 (Figure 15).

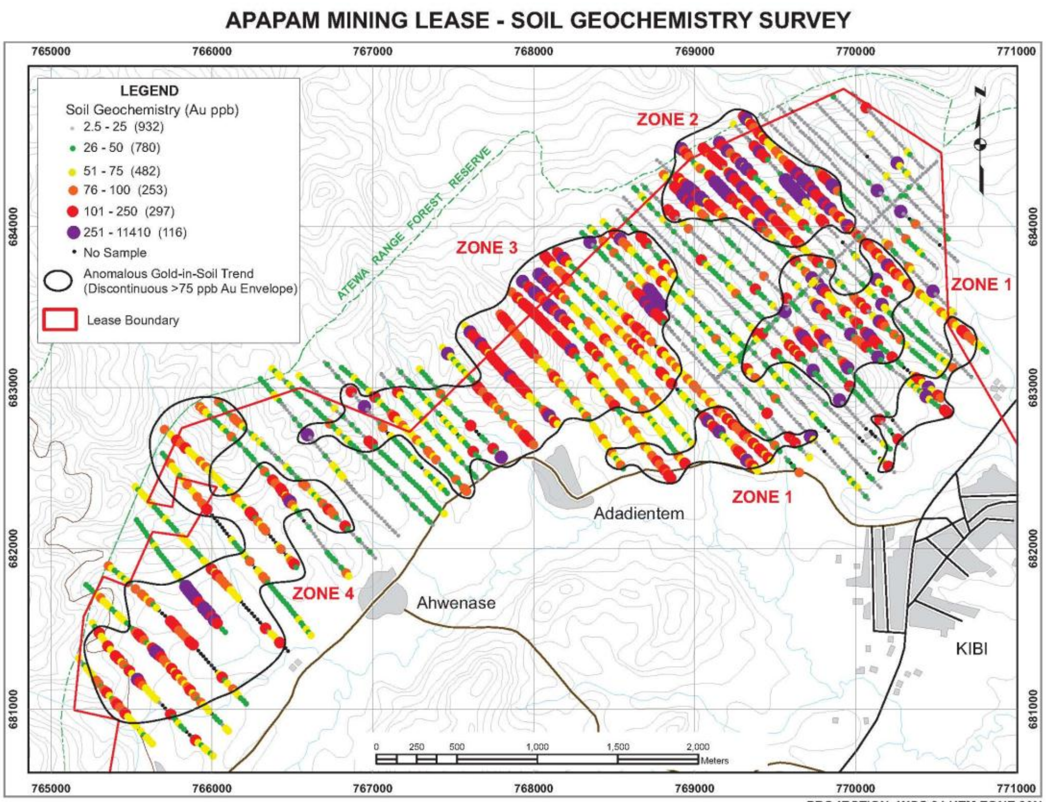


Figure 15 Map showing results of 2008 soil sampling program which further defined soil anomalies, Zones 1, 2, 3 and 4.

7.3.2.2 Rock chip sampling

A total of 109 grab samples have been collected by Xtra-Gold during prospecting and reconnaissance geology traverses primarily designed to follow-up on gold-in-soil anomalies. Sampling included 44 rock floats and 65 in situ samples consisting of saprolitic or saprock (weakly oxidized) bedrock material; with bedrock samples typically collected along road cuts and from historic workings.

Eighteen (18) out of the 109 samples returned below detection limit gold values (<0.01 g/t); 63 samples yielded between 0.01-0.10 g/t gold; 20 samples yielded between 0.1-1.0 g/t gold; and eight (8) samples returned between 1.0-7.5 g/t gold. A fair portion of the 28 anomalous grab samples (> 0.1 g/t Au) were collected from areas that were subsequently tested by trenching and/or drilling; so the nature of the mineralization for these samples is covered by the drilling and trenching discussions.

7.3.3 Geology

7.3.3.1 Structural study

As part of the ongoing exploration efforts Xtra-Gold commissioned SRK Consulting (Canada) Inc ("SRK") to conduct a structural study of the Apapam Concession. The goal of the study was to investigate key exposures and available drill core to understand the structural controls on gold mineralization at the Kibi Gold Project. SRK reviewed 14 diamond core holes (Zone 1 and 2) as well as available trench exposures (Zone 2 and 3) on the Apapam Concession. Due to diamond drilling density and accessible trenches, SRK's structural study focused largely on Zone 2 of the Kibi Gold Project. SRK also reviewed Xtra-Gold's geological and structural mapping to date for zones 1, 2 and 3 of the Kibi Gold Project.

The study identified the three main sets of veins that are auriferous and some of the bounding structures.

7.3.3.2 Petrographic study

A petrographic study was also implemented to characterize the lithological units and ore mineralogy and alteration of the Kibi Gold Project. A total of 36 thin sections and nine (9) polished sections were studied by Professor K. Dzigbodi-Adjimah of the University of Mines and Technology, Tarkwa, Ghana.

Results of the study include:

- Identifying the altered granitoid as quartz diorite to granodiorite in composition.
- There are three generations of pyrite with the gold being associated with the last sulphide forming event.
- Gold often occurs as inclusions within pyrite, pyrrhotite and arsenopyrite. This suggests that the sulphides are not refractory.

7.3.4 Trenching

Exploration activities in 2008 also included a manual trenching program encompassing 18 trenches totalling approximately 1,217 linear-metres, including: 4 trenches (302 m) on Zone 2 (TKB006-009); and 14 trenches (915 m) on Zone 3 (TAD008-021) of the 5.5 km long Kibi gold-in-soil trend. In 2008 and 2009, 67 mechanical (excavator) trenches totalling approximately 2,223 m were also excavated, including 58 trenches (1,931 m) on

Zone 2; 7 trenches (193 m) on Zone 3, and 2 trenches (99 m) on Zone 1; with this trenching primarily designed to help map/trace the granitoid bodies hosting the gold mineralization.

The reconnaissance trenches designed to test the subsurface signature of the gold-in-soil anomalies were sampled in their entirety; with a total of 629 channel samples collected. Only a small percentage (12%) of the mechanical trenches were sampled based on the fact that this trenching was predominantly designed to guide the drilling by mapping the contacts of the host granitoid bodies and, to a lesser degree, tracing the known mineralized vein zones. Only eight (8) out of the 67 granitoid mapping trenches were subjected to sampling, either in their entirety or partially, for a total of 132 channel samples (205 m). Xtra-Gold has now adopted the practice of completely sampling all trenches regardless of trenching purpose or target.

Significant results of the trenching are listed in Table 4.

Table 4 Significant[6] trench intercepts — Kibi Gold Project (2008-2009)

TRENCH ID	ZONE	FROM (metres)	TO (metres)	TRENCH LENGTH[7] (metres)	GOLD (g/t)
TKB006	Zone 2	58.00	94.00	36.00	1.46
TKB010	Zone 2	0.00	42.00	42.00	1.29
TKB011	Zone 2	12.00	27.00	15.00	1.26
TKB012	Zone 1	1.00	5.00	4.00	2.51
TAD016	Zone 3	23.00	41.00	18.00	1.60
TAD019	Zone 3	16.00	61.00	45.00	4.93

7.3.5 Drilling

The 2008-2009 drilling by Xtra-Gold is the first ever drilling conducted in the Apapam Concession area and, along with the 2006 Newmont Mining drilling further to the northeast, represents the only known drilling within the Kibi Greenstone Belt. The Xtra-Gold drilling focused on the Kibi Gold Project consisting of an over 5.5 km long mineralized trend delineated from gold-in-soil anomalies, trenching, drilling, and geophysical interpretations along the northwest margin of the Apapam Concession; and characterized by widespread gold occurrences of the granitoid hosted-type.

To date, 68 boreholes totalling 7,716 linear metres have been drilled on the Apapam Concession; including 18 diamond core holes and 50 reverse circulation (“RC”) holes. The drill holes have been drilled into gold-soil anomalies Zones 1, 2 and 3.

[6] Significant means where grade x length >10 and minimum length is 2 m using a 1g/t cutoff.

[7] Reported intercepts are trench-lengths; true width of mineralization is unknown at this time.

Diamond drill core was HQ size (63.5 mm diameter) in upper oxidized material (regolith) and NQ2 size (50.6 mm diameter) in the lower fresh rock portion of the hole. RC drilling was typically conducted with a 5 ¾ inch diameter bit; but reduction to 5 ½ inch or 5 ¼ inch diameter bits was on occasion required due to rock hardness and/or increasing hole depth. Core from five (5) of the 18 diamond drill holes was oriented utilizing the Ezy-Mark core orientation device.

All boreholes (except for 3 holes) have been down hole surveyed (azimuth/inclination) at nominal 30 m interval utilizing an electronic single shot survey instrument; with the diamond drill and RC holes surveyed with the Flexit and Reflex EZ-Shot tools, respectively. Out of the 68 boreholes, two (2) diamond drill holes were only subjected to dip surveys using the acid etch method due to electronic survey tool technical difficulties, and one (1) short RC hole (62 m) was not subjected to any type of down hole survey due to ground collapse.

Significant intersections from the drilling are listed in Table 6, Table 6 and Table 7.

Table 5 Significant[8] drill intercepts from the 2008-2009 drilling program for Zone 1.

Hole ID	Hole type	From (m)	To (m)	Core length (m)[9]	Grade (g/t)
KBD08017	DD	82.5	96	13.5	1.43

Table 6 Significant[10] drill intercepts from the 2008-2009 drilling program for Zone 2.

Hole ID	Hole type	From (m)	To (m)	Core length (m)[11]	Grade (g/t)
KBD08003	DD	22.5	35	12.5	2.04
KBD08004	DD	76	88	12	8.49
KBD08005	DD	22	39	17	1.18
KBD08005	DD	45	60	15	1.02
KBD08007	DD	65	78	13	1.02
KBD08008	DD	15	60	45	1.01
KBD08010	DD	47	54	7	4.83
KBD08011	DD	106	116	10	1.01

[8] Significant Intercepts" satisfy following criteria: greater than (>) 10.0 gram gold x metre product and > 0.5 g/t gold. Intercepts constrained with a 0.25 g/t gold minimum cut-off grade at the top and bottom of the intercept, with a 50 g/t upper cut-off grade applied, and a maximum of five (5) consecutive metres of internal dilution (less than 0.25 g/t gold).
[9] Reported intercepts are core-lengths; true width of mineralization is unknown at this time.
[10] Significant Intercepts" satisfy following criteria: greater than (>) 10.0 gram gold x metre product and > 0.5 g/t gold. Intercepts constrained with a 0.25 g/t gold minimum cut-off grade at the top and bottom of the intercept, with a 50 g/t upper cut-off grade applied, and a maximum of five (5) consecutive metres of internal dilution (less than 0.25 g/t gold).
[11] Reported intercepts are core-lengths; true width of mineralization is unknown at this time.

Hole ID	Hole type	From (m)	To (m)	Core length (m)[11]	Grade (g/t)
KBD08012	DD	46.6	72	25.4	2.11
KDB08013	DD	72	87	15	0.87
KBD08013	DD	96	129	33	1.28
KBD08014	DD	115	131	16	2.24
KBD08015	DD	20	35	15	2.78
KBD08015	DD	42	45	3	2.37
KBRC09042	RC	19	37	18	2.97
KBRC09043	RC	23	34	11	2.27
KBRC09044	RC	25	27	2	2.29
KBRC09045	RC	22	32	10	2.48
KBRC09046	RC	41	54	13	1.04
KBRC09047	RC	0	23	23	6.29
KBRC09049	RC	63	65	2	3.48
KBRC09050	RC	51	56	5	1.98
KBRC09051	RC	28	37	9	2.69
KBRC09055	RC	4	82	78	1.44
KBRC09056	RC	25	43	18	1.33
KBRC09056	RC	58	78	20	2.01
KBRC09059	RC	29	38	9	0.65
KBRC09060	RC	1	40	39	9.23
KBRC09062	RC	9	13	4	4.03
KBRC09068	RC	0	76	76	1.62

Table 7 Significant[12] drill intercepts from the 2008-2009 drilling program for Zone 3. ML is mining lease and MLE is mining lease extension (application).

Hole ID	Hole type	From (m)	To (m)	Core length (m)[13]	Grade (g/t)	Property
KBRC09019	RC	12	42	30	3.52	ML
KBRC09020	RC	36	39	3	1.01	ML
KBRC09020	RC	58	60	2	4.10	ML

[12] Significant Intercepts" satisfy following criteria: greater than (>) 10.0 gram gold x metre product and > 0.5 g/t gold. Intercepts constrained with a 0.25 g/t gold minimum cut-off grade at the top and bottom of the intercept, with a 50 g/t upper cut-off grade applied, and a maximum of five (5) consecutive metres of internal dilution (less than 0.25 g/t gold).
[13] Reported intercepts are core-lengths; true width of mineralization is unknown at this time.

Hole ID	Hole type	From (m)	To (m)	Core length (m)[13]	Grade (g/t)	Property
KBRC09021	RC	5	14	9	0.94	MLE
KBRC09021	RC	30	36	6	0.74	MLE
KBRC09023	RC	26	30	4	4.86	MLE
KBRC09023	RC	36	42	6	0.42	MLE
KBRC09024	RC	0	8	8	4.95	MLE
KBRC09024	RC	24	46	22	0.29	MLE
KBRC09025	RC	22	29	7	0.91	MLE
KBRC09027	RC	27	42	15	1.18	MLE
KBRC09027	RC	62	68	6	1.03	MLE
KBRC09028	RC	48	60	12	0.25	MLE
KBRC09028	RC	76	85	9	0.52	MLE
KBRC09029	RC	5	35	30	0.84	MLE
KBRC09029	RC	70	75	5	0.82	MLE
KBRC09030	RC	30	43	13	0.67	ML
KBRC09030	RC	59	70	11	0.42	ML
KBRC09031	RC	19	26	7	0.74	ML
KBRC09032	RC	126	146	20	0.33	ML
KBRC09034	RC	4	9	5	0.54	MLE
KBRC09036	RC	1	20	19	0.67	MLE
KBRC09037	RC	3	10	7	0.36	MLE
KBRC09037	RC	47	75	28	0.87	MLE
KBRC09038	RC	61	92	31	0.57	MLE

7.3.6 Sample Quality Control

Analytical protocols utilized by Xtra-Gold involved the insertion of quality control samples into the sample stream of assay samples submitted to the laboratory. As of September 2008 certified reference standards, coarse analytical blanks, and field duplicate samples were inserted within sample sequences at the following rate: one (1) of each for every 20 samples within batches of Drill Core, RC Chip, and Trench Channel samples; and one (1) of each for every 40 samples within batches of Geological/Characteristic (i.e. grab, composite chip), Hand Auger, and Soil samples.

In February 2010, Xtra-Gold commissioned SEMS to conduct a detailed technical audit of Xtra-Gold's drill sample QA-QC program. Datasets assessed for quality control include:

Laboratory standards, blanks, duplicates and check repeats (Fire Assay and Gravimetric determinations)

- Client introduced standards, blanks and RC field duplicates ((Fire Assay and Gravimetric determinations)
- Client resubmitted pulps
- Client quartered core
- SEMS quarter core control
- SEMS RC duplicates resubmitted to ALS Chemex and also Intertek, Tarkwa
- Check sieve test analysis
- Laboratory and field splitting error
- Results for Screen Fire assay versus 50 g Fire Assay

The following results were found from the investigation:

- Comparison of laboratory standards indicates that precision and accuracy are well within industry tolerance.
- Standards obtained from Canada indicate that some batches sent to ALS were poorly analysed. Those batches were re-analysed by ALS.
- Blanks obtained from Rocklabs indicate that there is no evidence from the results of laboratory or client blanks to suggest low-level contamination or repeated cross-contamination during crushing or pulverisation
- Laboratory duplicates and check repeats generally indicate that precision is well within industry tolerance.
- Xtra-Gold duplicates indicate that there is insignificant bias in the correlation between duplicates and original samples.
- Xtra-Gold quarter core submission to compare with original half core results highlighted the presence and effect of coarse gold grains on assays ("nugget effect").
- RC chip resubmission indicated that there is possibly a problem with splitting of the sample in the field while resubmission of core indicates that there is also a problem with splitting in the laboratory.

7.4 Exploration since July 2010

Since the last NI43-101 was written in July 2010, Xtra-Gold has done a considerable amount of exploration in the following areas. Some of these were recommended in the last NI43-101 report.

7.4.1 Geophysics

7.4.1.1 VTEM survey

In August 2011, a report was compiled by Geotech Airborne on a VTEM survey they flew over the Kibi Gold Project[14]. The survey measured ground elevation, radiometrics, magnetic field and electromagnetism (resistivity). Interpretation of the data resulted in an interpretive pseudo-geology map of the area (Figure 16). The different geophysical units can be correlated with various geological units.

Target areas were defined in the report for further ground exploration (Figure 17). Two kinds of targets were defined:

- Resistive-type: following the silicification model for gold mineralisation, areas of low conductance/susceptibility have been targeted within the interpreted conductive graphitic shear zones and the interpreted conductive graphitic sediment units.
- Granitoids-type: shear/ fracture zones in basin-type granitoids are known to exhibit sub-economic to economic gold mineralisation in the survey area. As such targets have been defined where interpreted fractures intersect the interpreted basin-type granitoids.

In the Apapam Concession 1 resistive-type (100) and 4 granitoid-type (20, 21, 22, and 24) targets were proposed (Figure 17). According to Geotech Airborne, targets 100 and 21 are priority 1 targets, target 20 is a priority 2 target, and targets 22 and 24 are priority 3 targets.

It is important to note that the report recognizes that: "*The interpretations and recommendations in this report are based on a certain model for gold exploration in this environment. This might not necessarily be the correct and/or only model applicable. It should further be borne in mind that the report reflects an interpretation of the data using up to date software and knowledge. The results are however not unique and it is quite possible for another interpreter to come up with different end results. The author can thus not be held responsible for any monetary decisions made on the basis of this report.*"

Following on from the work by Geotech Airborne, Xtra-Gold geologists have performed more detailed processing to highlight the various faults around Kibi in the VTEM data (Figure 18).

[14] Project AB939

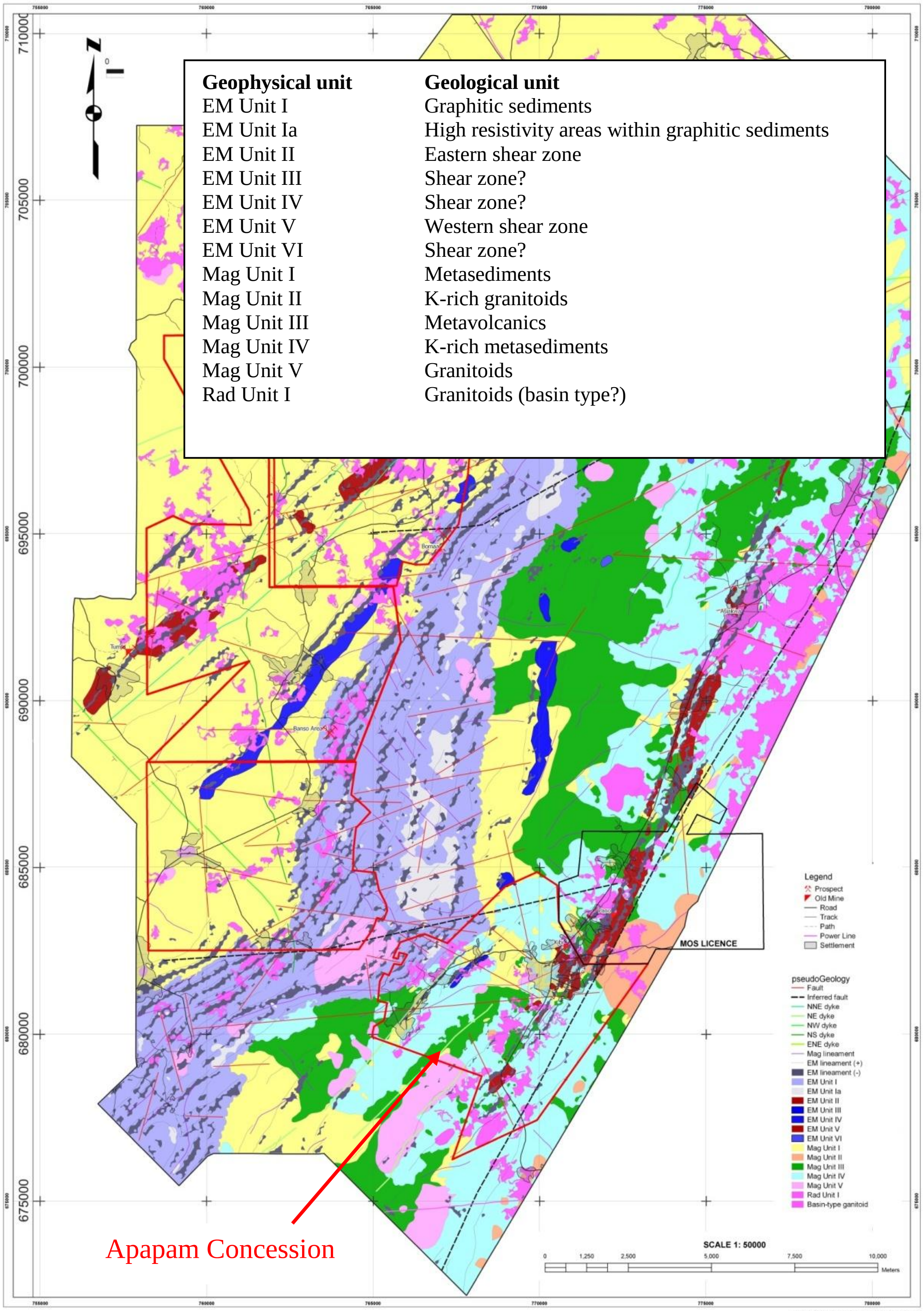


Figure 16 Pseudo-geology map as derived from the interpretation by Geotech Airborne of the geophysical data in the area of interest.

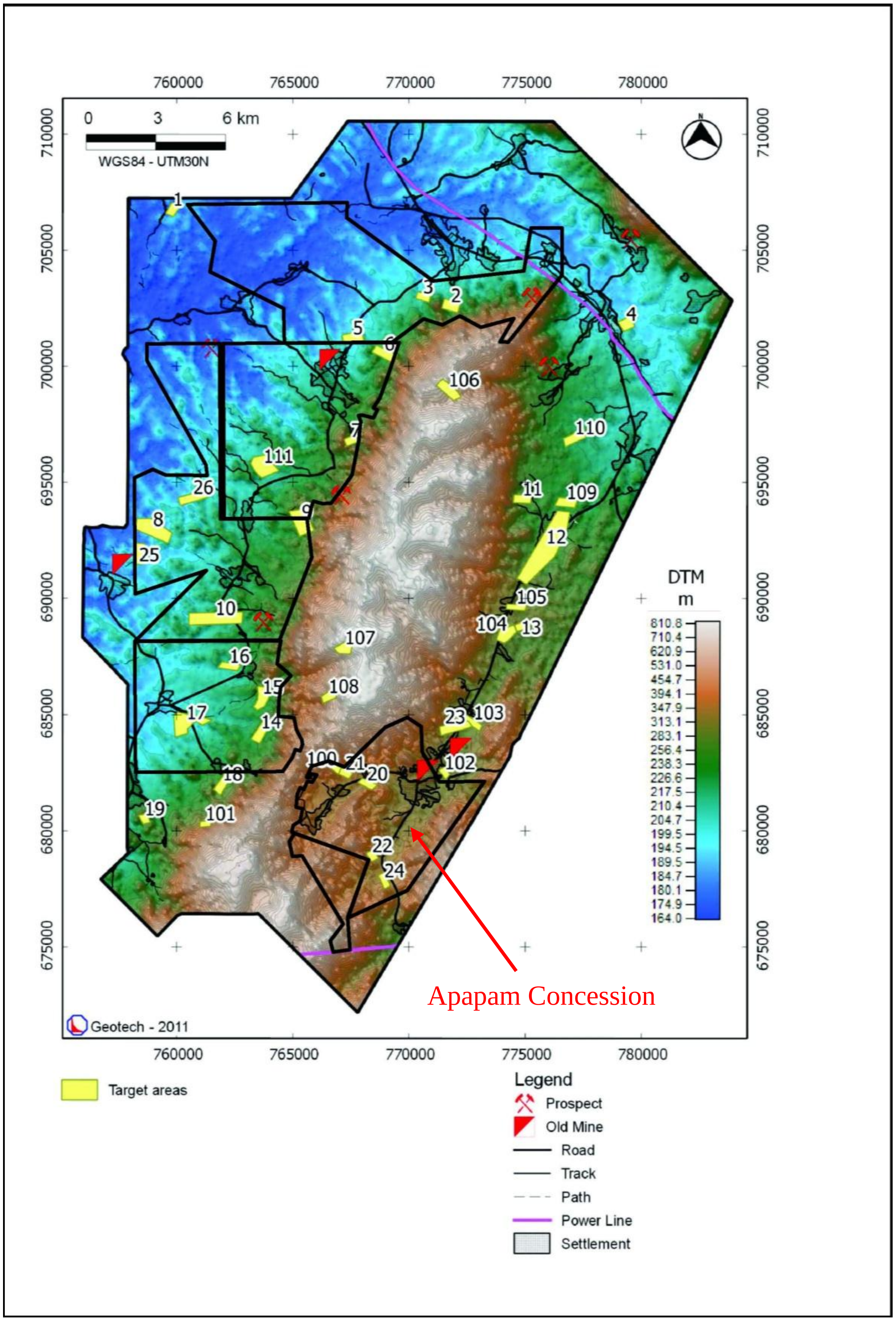


Figure 17 Map showing targets proposed by Geotech Airborne resulting from the VTEM survey for the Kibi area. Targets with numbers <30 are granitoid type targets, and those with numbers >99 are resistive type targets.

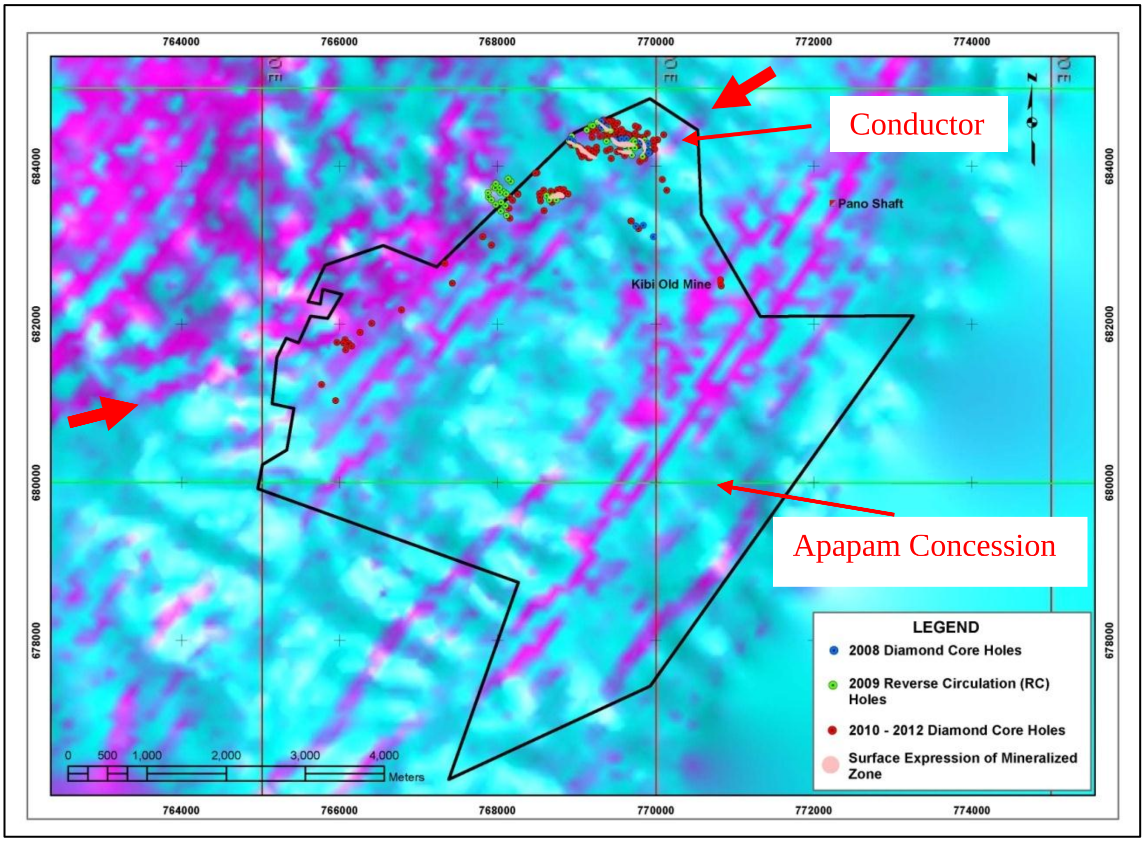


Figure 18 Image of VTEM around Kibi showing NE-SW trending conductor assumed to be a graphitic shear zone, modelled by Xtra-Gold.

7.4.2 Geochemistry

7.4.2.1 Soil sampling

From June 2011 to April 2012, 3,833 soil samples were collected by Xtra-Gold to complete the soils sampling program over the Apapam Concession (Figure 19). Previously only the north-western part of the concession had been covered by soil sampling. The samples were collected every 25 m along lines 200 m apart. Of the 3,833 samples collected, 2,747 were submitted to the laboratory for analysis.

As per program design every second sample (50m stations) was initially submitted for gold analysis (1,859 samples); with the "held – back" samples to be subsequently analysed where required to delineate / bracket anomalous gold-in-soil anomalies. Based on gold results an additional 888 infill (25m station) samples were selected for analysis to further define the anomalous gold-in-soil trends.

Soil samples are collected from 20 cm to 30 cm diameter, hand-dug pits at a nominal depth of 75 cm using the local digging tool called "soso". Approximately 2.5 kg of material is collected into labelled plastic bags with unique sample tickets stapled to inside lip of the bag, and securely sealed by staples. To avoid any contamination only dry samples are collected. Field logging includes sample depth, landscape, slope direction, land use, soil type / characteristics, residual / erosional / depositional environment, and regolith type.

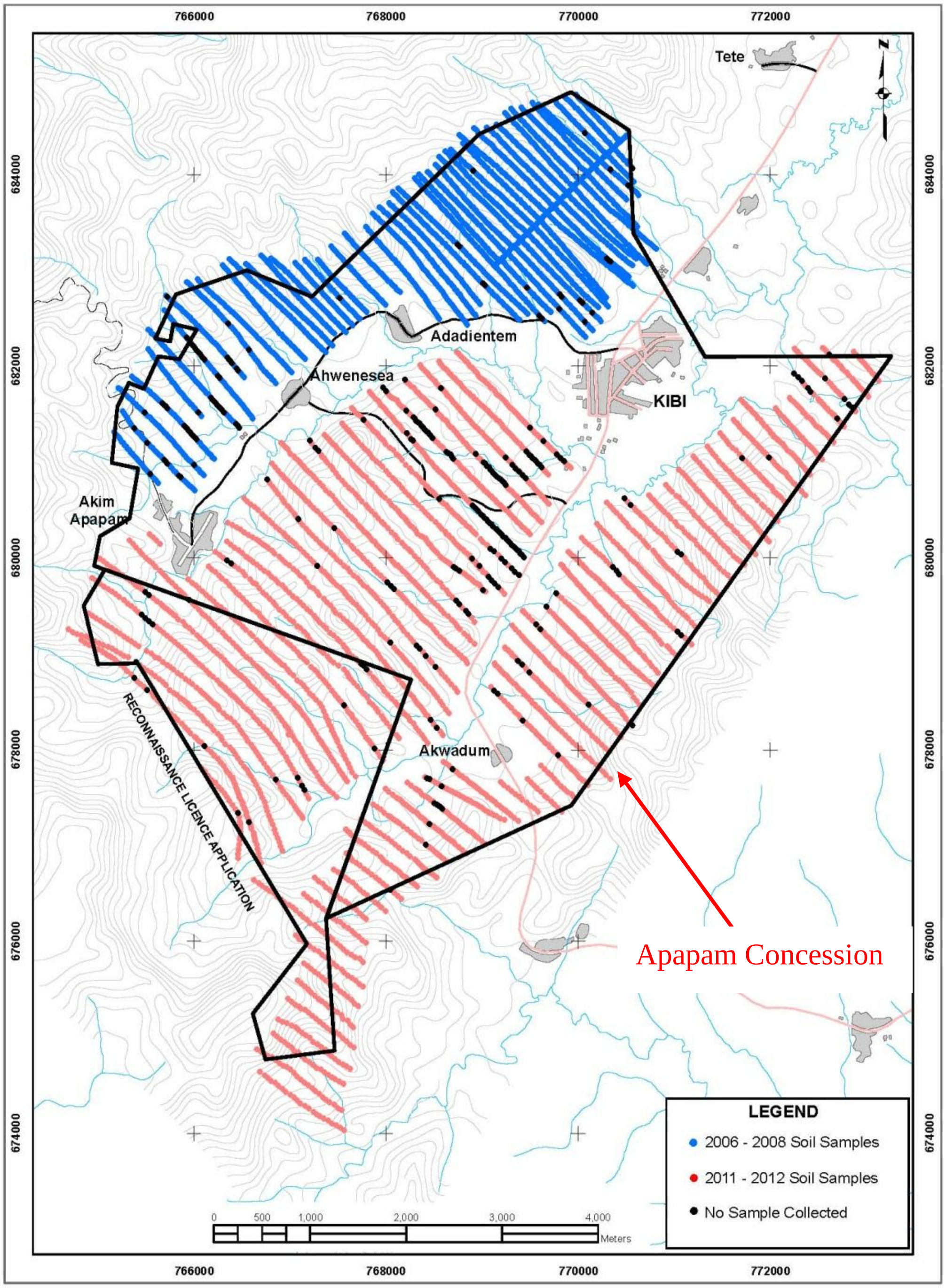


Figure 19 Map showing locations of original soil sampling (blue) and new soil sampling sites (red).

7.4.2.2 Rock chip sampling

One hundred and fifteen rock grab samples have also been collected from outcrops and from floats and analysed for gold. The rock sampling was conducted in conjunction with the 2011 – 2012 soil geochemical survey and follow up prospecting of gold-in-soil anomalies. Out of the 115 grab samples collected: 6 returned gold values between 0.19 g/t to 12.35 g/t; and the remaining 109 yielded below or slightly above detection limit gold values. Sampling of felsic intrusive outcroppings returned highs of 1.5 g/t and 12.35 g/t gold, and a quartz float yielded 11.0 g/t gold.

7.4.2.3 Database for surface data

All soil sample and rock chip sample data and results are stored in *Sample Station* which is a module of *Fusion Data Management* by Century Systems Technologies Inc[15]. This database allows for QA/QC checking and validation of all data.

7.4.3 Geology

7.4.3.1 Structural analysis of Zone 2

As a follow on from their previous report in 2010, SRK Consulting (Canada) wrote another report on the structural geology investigations of the Kibi Gold Trend project – Zone 2 in November 2011. They examined a number of trenches and drill holes from the Big Bend zone and South zone.

SRK concluded that:

- The distribution of gold mineralization in the Big Bend Zone is controlled by two NNE-trending shear zones that bound the auriferous zone in a quartz diorite;
- Auriferous quartz veins in the Big Bend Zone comprise:
  - Shear and extensional veins related to the development of NNE-trending shear zones; and
  - Stockwork veins in a particular portion of the quartz diorite;
- Auriferous quartz veins in and around the shear zone have two dominant orientations (measured from drill core):
  - Steeply dipping to the ESE (average 024/78); and
  - Gently dipping to the SE (average 035/12).
- Auriferous quartz veins in non-to weakly-foliated diorite in the Big Bend Zone form vein stockworks. Auriferous quartz veins within the quartz diorite (outside of shear zones) have two dominant orientations:
  - Gently dipping to the NNW (average 240/15); and
  - Moderately dipping to the NW (average 215/45);

[15] www.centurysystems.net. Centrury Systems has been taken over by CAE Mining (www.cae.com)

- Vein geometry, rare kinematic indicators and steeply plunging mineral lineation imply that deformation associated with gold mineralization in the Big Bend Zone resulted from a protracted episode of dominantly reverse SE over NW with minor sinistral movement; and
- In the South Zone, steeply dipping auriferous laminated and breccia veins occur, in addition to the dominant gently dipping (<15°) extensional veins.
- The controls on gold mineralization at the South Zone and other zones are not well understood and require further oriented core drilling followed by structural geology investigations.

7.4.3.2 Regional interpretation

As a follow on from their previous report in 2010, SRK Consulting (Canada) wrote another report on the regional structural geology and interpretation of aeromagnetic data for the Kibi Gold Project in December 2011. They used regional aeromagnetics and the VTEM data that Xtra-Gold obtained from Geotech Airborne to produce a regional geological interpretation over the area (Figure 20).

Selected areas of structural complexity that are of interest for exploration targeting in the Kibi area are highlighted in Figure 20, with three of the targets overlapping the Apapam Concession. The targets are based on the following criteria:

- Bends along fault corridors that acted as dilational jogs during sinistral strike-slip deformation;
- Areas of intersection between anastomosing NE-SW trending faults, or where these faults cross-cut intrusions;
- Areas of intersection between major NE-SW trending fault corridors and E-W-trending faults; and
- The presence of intrusions at or near any of the above faults.

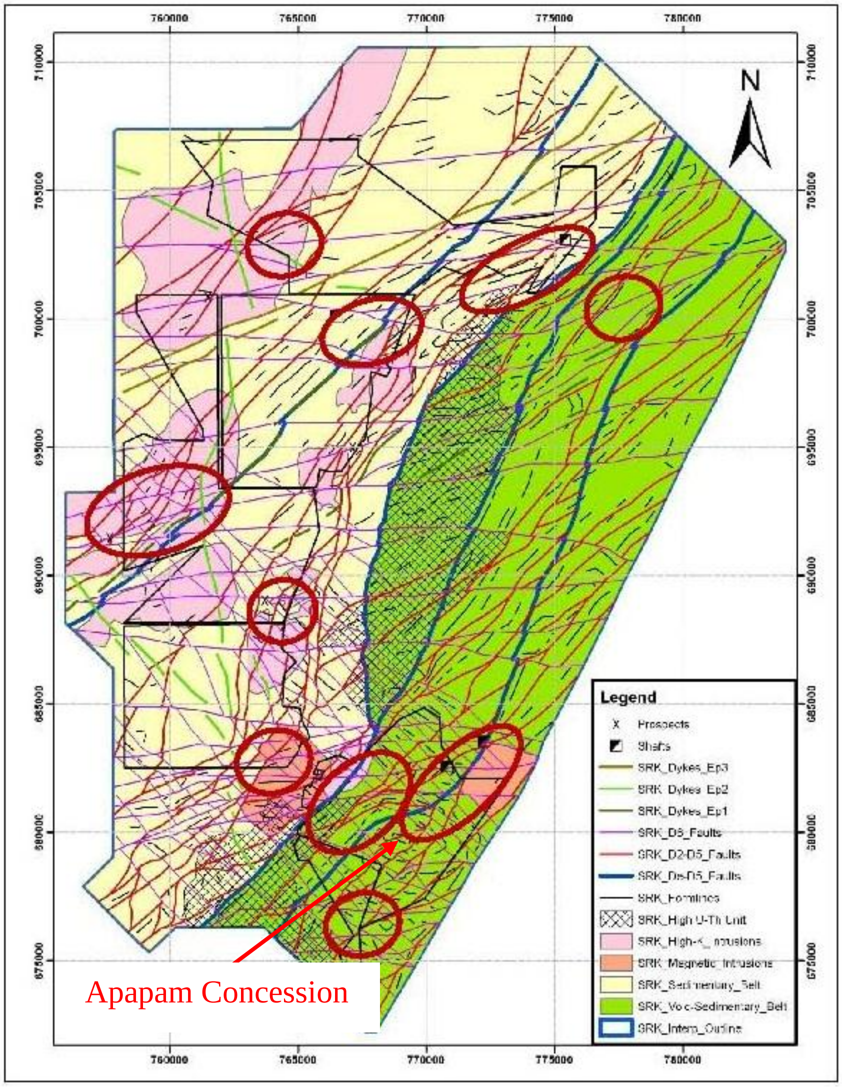


Figure 20 Regional geological interpretation by SRK Consulting using regional aeromagnetics and VTEM. SRK targets based on their regional interpretation shown by red ellipses.

7.4.4 Hand auger sampling

From May to June 2012, as a follow up to anomalies from the soil sampling, hand auger samples were collected from the Akwadum South Gold-In-Soil Anomaly (Figure 21). A total of 147 samples were collected from 44 holes to further define the anomaly. The auger holes ranged from 2 to 8 m deep with an average depth of 5.4 m.

Hand auger sampling is routinely utilized to test the geochemical signature of gold-in-soil anomalies at depth within the saprolite horizon in order to better define trenching targets. The augering is carried out with a locally fabricated cutting tool made from a used drill rod; the cylindrical cutting edge being driven into the ground to recover the sample. A collar pit (~ 0.5 m deep) is typically dug at each auger site in order to facilitate penetration through the quartz scree present at surface. Auger holes are typically sunk to a depth of 5 m - 8 m. The lower 2 m – 3 m of the hole is typically sampled at 1 m intervals. Auger hole spacing is typically at 25 m, with some 12.5 m in-filling. To avoid any contamination only dry samples are collected.

Apart from samples, standards were also sent with every batch to check on laboratory performance and reliability. Standards were obtained from CDN Resource Laboratories Ltd[16] in Canada. Samples were analysed at the ALS Laboratory[17] in Kumasi, Ghana. Coarse rejects and pulps have been returned to Xtra-Gold and are stored on site in storage sheds.

Sample data and results are stored in *DHLogger* which is a module of *Fusion Data Management* by Century Systems Technologies Inc[18]. This database allows for QA/QC checking and validation of all data.

[16] www.cdnlabs.com
[17] www.alsglobal.com
[18] www.centurysystems.net. Century Systems has been taken over by CAE Mining (www.cae.com)

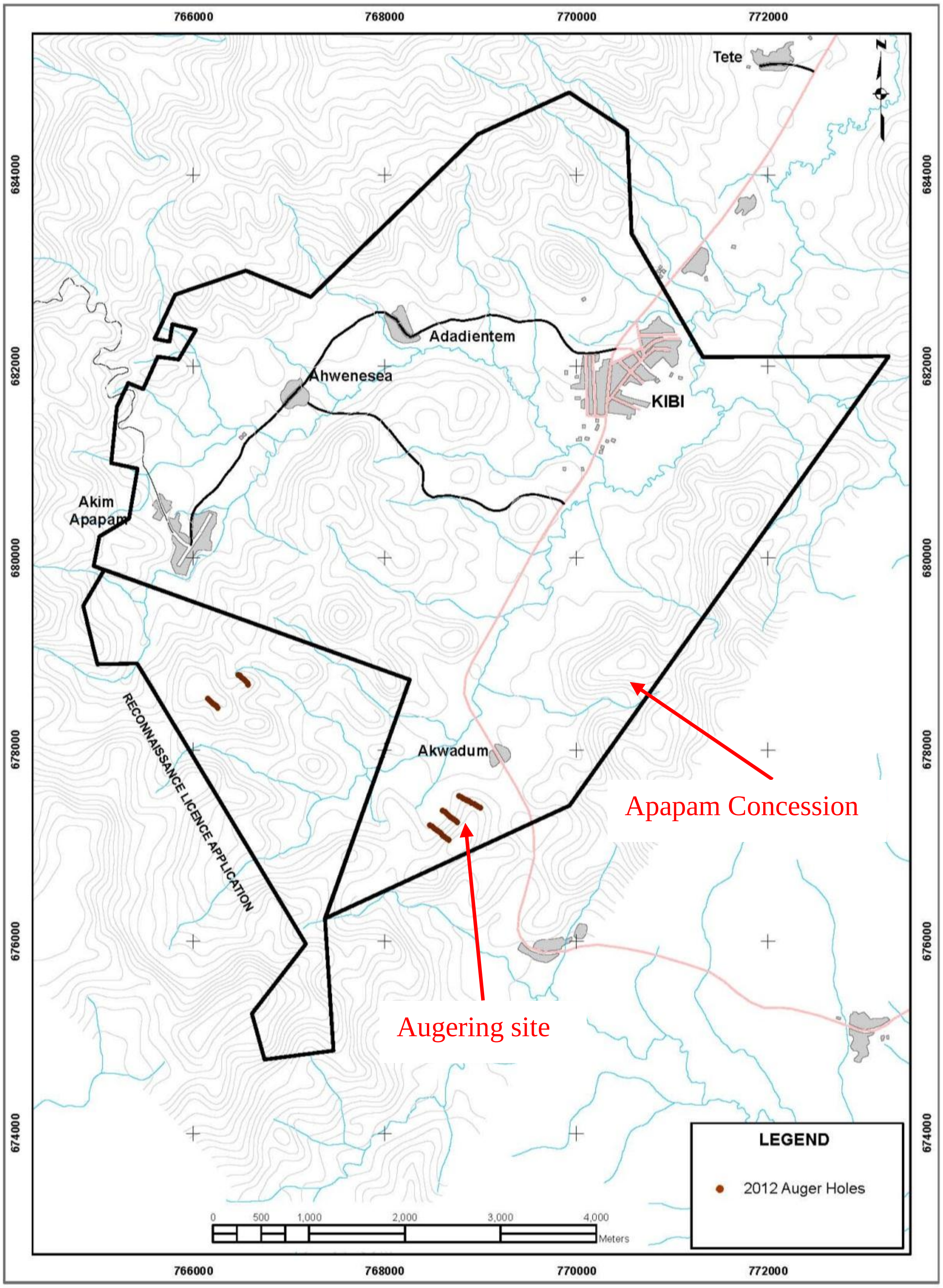


Figure 21 Map showing the location of the hand auger sampling in the south of the Apapam Concession.

7.4.5 Trenching

From July 2010 to August 2012 trenching was undertaken at a number of prospects in an effort to help define the extents and geological context of gold mineralisation (Figure 22, Figure 23). Due to the high relief in the area, some of the trenches are actually cleaned road cuttings on the sides of the hills (Figure 24). Of the 200 trenches that were dug, 198 of them were dug using an excavator, while the remaining two were dug by hand. Depth of the trenches varied widely from a metre to 5 metres depending on relief and steepness of slope on hill side. Widths of the trenches average 1.5 m.

A total of 4,346 horizontal channel samples were taken (Table 8), and because of the prevalence of shallowly dipping veins, 509 vertical channel samples were also taken where appropriate (Table 9, Figure 25). Where the 2 m samples yield anomalous results, 1 m samples are re-taken from the interval. The vertical sample sections were usually spaced 2.5 m apart. The total number of samples sent to the laboratory for analysis was 7,925.

Apart from samples, standards were also sent with every batch to check on laboratory performance and reliability. Standards were obtained from CDN Resource Laboratories Ltd[19] in Canada. Samples were analysed at the ALS Laboratory[20] in Kumasi, Ghana. Coarse rejects and pulps have been returned to Xtra-Gold and are stored on site in storage sheds.

Sample data and results are stored in *DHLogger* which is a module of *Fusion Data Management* by Century Systems Technologies Inc[21]. This database allows for QA/QC checking and validation of all data.

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[19] www.cdnlabs.com
[20] www.alsglobal.com
[21] www.centurysystems.net. Century Systems has been taken over by CAE Mining (www.cae.com)

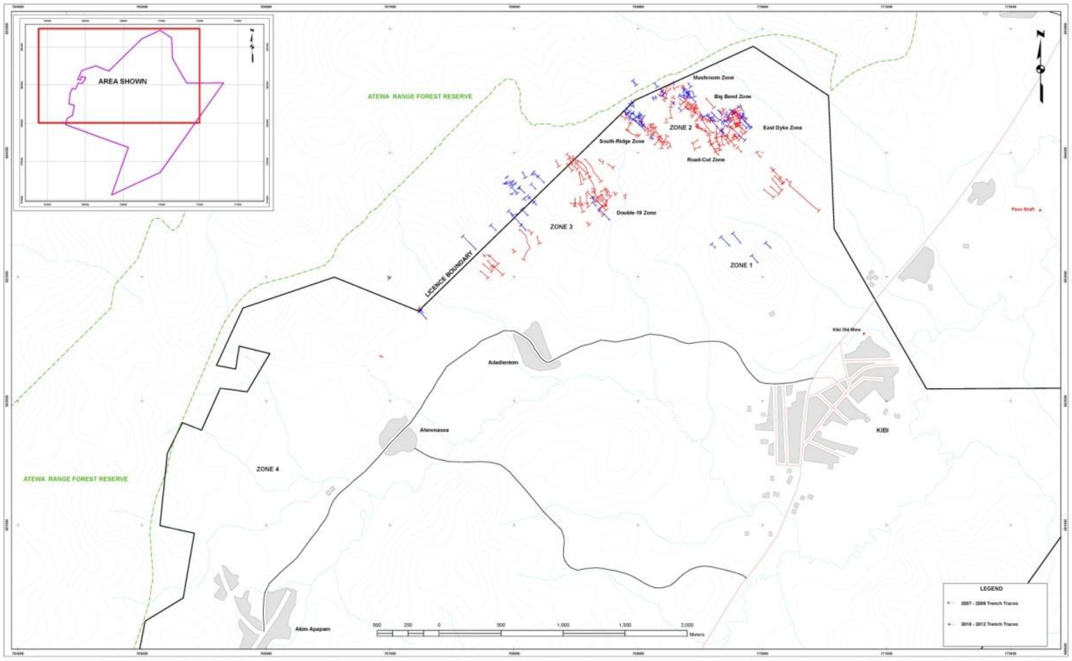

Figure 22 Map showing trench locations of old trenches (blue) and new trenches (red).

Figure 23 Trench at East zone.

Figure 24 Road cutting at East Dyke zone.

Figure 25 Road cutting showing horizontal and vertical channels from sampling.

Table 8 Statistics regarding trenching and horizontal channel samples.

Prospect	No of trenches	Horizontal length (m)	No of horizontal channel samples	Sampled horizontal length (m)
Big Bend Zone:	24	863	673	783
East Dyke Zone:	12	436	336	398
Mushroom Zone:	5	94	41	41
South Ridge Zone:	26	1,106	847	977
Double 19 Zone:	26	1,173	786	1,036
Other Targets:	107	6,021	4,346	4,971
Total	*200*	*9,693*	*7,029*	*8,206*

Table 9 Statistics regarding trenching and vertical channel samples.

Prospect	No of vertical sections	Vertical length (m)	No of vertical channel samples	Sampled vertical length (m)
Big Bend Zone:	28	68	68	68
East Dyke Zone:	38	85	84	85
Mushroom Zone:	0	0	0	0
South Ridge Zone:	33	81	81	81
Double 19 Zone:	78	162	154	162
Other Targets:	202	514	509	514
Total	*379*	*910*	*896*	*910*

7.4.6 Drilling

Diamond drilling was undertaken on the various prospects between July 2010 and May 2012 (Table 10, Figure 26). A total of 188 holes were drilled for 41,372 m of drilling. From this, 33,961 samples were taken from 39,088 m of core. Core size used was HQ diameter (63.5 mm) in upper oxidized material (regolith) and NQ2 diameter (50.6 mm) in the lower fresh rock portion of the hole. After drilling the hole collars are capped with cement and labelled (Figure 27).

Generally core recoveries were very good with an average core recovery in the upper regolith (saprolite/transition zone) of 88.7%, and in the fresh rock of 99.6%.

Drill core is stored in wooden trays that are stacked in storage sheds (Figure 28, Figure 29), which are fumigated against wood borers every month. The core is logged on trestles (Figure 30) and various structural measurements are taken where possible. Sampling of core is done by sawing the core in half longitudinally (Figure 31). Half is sent to the laboratory and the other half is retained in the core tray for reference. Re-sampling of core involves sawing the reference half in half longitudinally, and one quarter is sent to the laboratory and quarter is retained in the tray for reference (Figure 32). Samples are usually 1 m in length. Apart from samples, standards were also sent with every batch to check on laboratory performance and reliability. Standards were obtained from CDN Resource Laboratories Ltd[22] in Canada. Samples were analysed at the ALS Laboratory[23] in Kumasi, Ghana. Coarse rejects and pulps are returned to Xtra-Gold and are stored on site in storage sheds (Figure 33).

Sample data and results are stored in *DHLogger* which is a module of *Fusion Data Management* by Century Systems Technologies Inc[24]. This database allows for QA/QC checking and validation of all data.

Significant[25] intersections since July 2010 are listed in Table 11.

Table 10 Statistics regarding diamond drilling and sampling of core.

Prospect	No of Holes	Length drilled (m)	No of Samples	Length of core sampled (m)
Big Bend Zone:	44	12,569	10,344	11,628
East Dyke Zone:	18	4,489	3,124	3,804
Mushroom Zone:	18	3,254	2,759	3,200
South Ridge Zone:	24	4,652	4,445	4,586
Double 19 Zone:	28	4,925	4,092	4,690
Other Targets:	56	11,483	9,197	11,180
Total	***188***	***41,372***	***33,961***	***39,088***

[22] www.cdnlabs.com
[23] www.alsglobal.com
[24] www.centurysystems.net. Century Systems has been taken over by CAE Mining (www.cae.com)
[25] Significant intersections have interval x grade > 10, and are calculated as weighted averages using a lower cut off of 0.5 g/t, at least 2 m width, not more than 2 consecutive metres with assays <0.5 ppm, and no top cut was applied to assays.

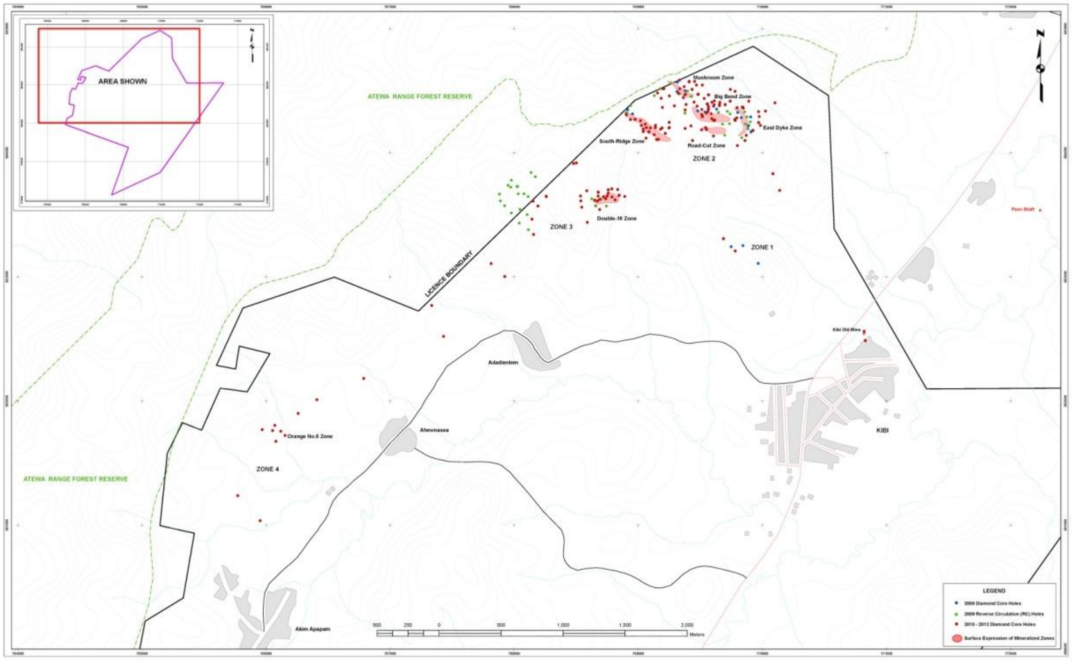

Figure 26 Map showing the drill collar locations of old (blue) and new (red) drill holes.

Figure 27 After drilling the collars have been capped and labelled.

Figure 28 Storage shed for trays of drill core.

Figure 29 Core trays are stacked and labelled inside the core shed.

Figure 30 Core trays are laid out on trestles for so that the core can easily be logged.

Figure 31 Core saw for sawing core in half longitudinally ready for sampling.

Figure 32 Quarter core retained in trays after having been cut and sampled twice.

Figure 33 Storage of pulps received back from the laboratory.

Table 11 List of significant[26] drill hole intersections for the period July 2010 to August 2012.

Drill hole ID	From (m)	To (m)	Interval (m)	Grade (g/t)
KBDD10069	52.0	68.0	16.0	6.33
KBDD10070	40.5	62.0	21.5	2.59
KBDD10071	22.5	29.0	6.5	3.99
KBDD10074	23.0	27.0	4.0	3.25
KBDD10080	24.0	30.0	6.0	1.83
KBDD10082	30.0	39.0	9.0	3.60
KBDD10085	3.0	22.5	19.5	1.80
KBDD10085	52.0	59.0	7.0	6.18
KBDD10085	146.0	167.0	21.0	1.53
KBDD10086	3.0	22.5	19.5	2.11
KBDD10088	6.0	15.0	9.0	1.46
KBDD10089	3.0	24.0	21.0	1.25
KBDD10090	0.0	16.5	16.0	2.32
KBDD10090	57.0	69.0	12.0	1.22
KBDD10090	111.0	122.0	11.0	1.40
KBDD10090	126.0	140.0	14.0	1.28
KBDD10090	174.0	183.0	9.0	1.64
KBDD10091	105.0	121.0	16.0	2.54
KBDD10093	12.0	24.0	12.0	1.41
KBDD10096	60.0	64.0	4.0	4.84
KBDD10098	124.0	132.0	8.0	1.82
KBDD10099	142.0	158.0	16.0	2.34
KBDD10099	176.0	183.0	7.0	2.53
KBDD10100	149.0	156.0	7.0	2.58
KBDD10101	114.0	130.0	16.0	2.42
KBDD10101	142.0	166.0	24.0	5.22
KBDD10103	137.0	154.0	17.0	2.93
KBDD10103	180.0	201.0	21.0	1.99
KBDD11105	104.0	112.0	8.0	2.08
KBDD11105	115.0	121.0	6.0	1.80
KBDD11106	141.0	149.0	8.0	3.49
KBDD11106	162.0	164.0	2.0	15.53
KBDD11107	60.0	64.0	4.0	6.28
KBDD11108	87.0	91.0	4.0	2.55
KBDD11108	189.0	231.0	42.0	2.45

[26] Significant intersections have interval x grade > 10, and are calculated as weighted averages using a lower cut off of 0.5 g/t, at least 2 m width, not more than 2 consecutive metres with assays <0.5 ppm, and no top cut was applied to assays.

Drill hole ID	From (m)	To (m)	Interval (m)	Grade (g/t)
KBDD11109	91.0	93.0	2.0	5.75
KBDD11110	172.0	185.0	13.0	1.77
KBDD11110	190.0	206.0	16.0	2.68
KBDD11111	94.0	105.0	11.0	1.92
KBDD11111	138.0	146.0	8.0	4.37
KBDD11112	127.0	144.0	17.0	0.68
KBDD11112	148.0	157.0	9.0	2.39
KBDD11112	202.0	206.0	4.0	3.27
KBDD11112	228.0	239.0	11.0	2.73
KBDD11113	89.0	107.0	18.0	4.60
KBDD11113	111.0	116.0	5.0	2.36
KBDD11113	122.0	130.0	8.0	2.53
KBDD11114	3.0	41.0	38.0	1.57
KBDD11115	156.0	163.0	7.0	4.09
KBDD11115	186.0	190.0	4.0	4.49
KBDD11116	64.0	71.0	7.0	2.57
KBDD11117	67.0	78.0	11.0	6.78
KBDD11118	84.0	95.0	11.0	2.57
KBDD11118	145.0	147.0	2.0	5.73
KBDD11131	214.0	229.0	15.0	2.23
KBDD11131	232.0	237.0	5.0	2.22
KBDD11132	264.0	268.0	4.0	2.65
KBDD11132	287.0	292.0	5.0	2.30
KBDD11133	152.0	168.0	16.0	2.25
KBDD11133	182.0	220.0	38.0	2.67
KBDD11134	6.0	21.0	15.0	1.78
KBDD11134	27.0	32.0	5.0	2.25
KBDD11134	67.0	74.0	7.0	1.49
KBDD11134	96.0	106.0	10.0	3.81
KBDD11134	109.0	126.0	17.0	2.98
KBDD11134	133.0	137.0	4.0	8.23
KBDD11134	173.0	185.0	12.0	1.39
KBDD11134	207.0	211.0	4.0	2.71
KBDD11134	223.0	235.0	12.0	2.28
KBDD11134	241.0	267.0	26.0	2.24
KBDD11134	284.0	287.0	3.0	8.70
KBDD11134	317.0	353.0	36.0	1.41
KBDD11134	376.0	385.0	9.0	1.27
KBDD11134	432.0	443.0	11.0	1.57
KBDD11135	163.0	181.0	18.0	1.40

Drill hole ID	From (m)	To (m)	Interval (m)	Grade (g/t)
KBDD11135	207.0	212.0	5.0	2.69
KBDD11136	161.0	181.0	20.0	3.52
KBDD11137	154.0	161.0	7.0	2.44
KBDD11137	187.0	195.0	8.0	2.50
KBDD11138	201.0	214.0	13.0	2.21
KBDD11138	242.0	253.0	11.0	1.49
KBDD11139	228.0	236.0	8.0	2.83
KBDD11139	292.5	305.0	15.5	1.98
KBDD11140	192.0	202.0	10.0	1.83
KBDD11141	238.0	289.0	51.0	1.79
KBDD11142	200.0	213.0	13.0	1.28
KBDD11142	216.0	226.0	10.0	1.99
KBDD11142	350.0	356.0	6.0	1.98
KBDD11142	387.0	390.0	3.0	4.36
KBDD11142	401.0	407.1	6.1	1.76
KBDD11142	447.0	458.0	11.0	1.61
KBDD11143	249.0	269.0	20.0	1.79
KBDD11143	272.0	278.0	6.0	2.40
KBDD11143	284.0	286.0	2.0	11.20
KBDD11144	45.0	64.0	19.0	1.05
KBDD11146	3.0	12.0	9.0	2.41
KBDD11148	452.0	465.0	13.0	1.58
KBDD11151	110.0	125.0	15.0	2.46
KBDD11153	3.0	18.0	15.0	4.31
KBDD11153	36.0	61.0	25.0	1.31
KBDD11153	66.0	77.0	11.0	1.09
KBDD11154	3.0	16.5	13.5	2.93
KBDD11154	36.0	56.0	20.0	2.46
KBDD11154	64.0	78.0	14.0	1.75
KBDD11154	169.0	173.0	4.0	3.61
KBDD11157	92.0	111.0	19.0	2.96
KBDD11160	15.0	21.0	6.0	2.64
KBDD11160	45.0	50.0	5.0	2.07
KBDD11160	54.0	61.0	7.0	1.81
KBDD11161	3.0	10.5	7.5	4.07
KBDD11161	133.0	138.0	5.0	3.07
KBDD11161	144.0	150.0	6.0	2.40
KBDD11161	159.0	189.0	30.0	2.15
KBDD11161	192.0	204.0	12.0	2.09
KBDD11161	214.0	224.0	10.0	2.07

Drill hole ID	From (m)	To (m)	Interval (m)	Grade (g/t)
KBDD11161	231.0	253.0	22.0	1.86
KBDD11161	257.0	266.0	9.0	1.50
KBDD11161	283.0	308.0	25.0	1.40
KBDD11162	526.0	535.0	9.0	1.48
KBDD11163	79.0	84.0	5.0	3.12
KBDD11163	88.0	97.0	9.0	1.13
KBDD11167	40.0	44.0	4.0	4.40
KBDD11171	154.0	166.0	12.0	3.09
KBDD11172	127.0	144.0	17.0	5.47
KBDD11175	385.0	396.0	11.0	1.09
KBDD11176	167.0	190.0	23.0	3.63
KBDD11179	96.0	107.0	11.0	1.18
KBDD11179	121.0	125.0	4.0	2.71
KBDD11183	24.0	32.0	8.0	3.44
KBDD11183	132.0	139.0	7.0	1.92
KBDD11183	142.0	149.0	7.0	4.01
KBDD11183	195.0	208.0	13.0	1.44
KBDD11183	221.0	226.0	5.0	7.06
KBDD12186	182.0	193.0	11.0	1.46
KBDD12187	329.0	333.0	4.0	2.68
KBDD12187	343.0	354.0	11.0	1.45
KBDD12188	31.6	43.6	12.0	0.95
KBDD12189	195.0	222.0	27.0	1.84
KBDD12192	56.0	63.0	7.0	2.00
KBDD12198	15.0	36.0	21.0	6.09
KBDD12199	0.0	3.7	3.7	3.31
KBDD12201	86.0	90.0	4.0	5.85
KBDD12203	36.0	43.0	7.0	3.44
KBDD12203	46.0	55.0	9.0	4.16
KBDD12205	33.0	59.0	26.0	3.06
KBDD12208	4.5	21.0	16.5	4.35
KBDD12210	13.5	32.0	18.5	1.12
KBDD12214	94.0	98.0	4.0	8.91
KBDD12231	69.0	90.0	21.0	3.80
KBDD12233	40.0	67.0	27.0	3.25
KBDD12233	111.0	114.0	3.0	5.99
KBDD12233	139.0	148.0	9.0	1.59
KBDD12234	35.5	62.3	26.8	2.69
KBDD12237	40.0	85.0	45.0	2.20
KBDD12241	76.0	89.0	13.0	1.40

Drill hole ID	From (m)	To (m)	Interval (m)	Grade (g/t)
KBDD12243	130.0	139.0	9.0	1.21
KBDD12250	105.0	118.0	13.0	0.87
KBDD12252	99.0	107.5	8.5	2.24
KBDD12253	42.5	64.6	22.1	3.60
KBDD12253	66.9	78.5	11.6	1.94
KBDD12254	67.0	71.7	4.7	3.19

7.4.7 Sample quality control

Sample quality control was continued by Xtra-Gold geologists since the last NI43-101 report was written. Sampling protocols remained as described before in the previous report and is not reiterated here. Quality control involved:

- Inserting blanks to check for contamination by both Xtra-Gold and the laboratory.
- Inserting standards to check accuracy for various levels of gold by both Xtra-Gold and the laboratory.
- Inserting and analysing duplicates to check precision and accuracy by both Xtra-Gold and the laboratory.
- Laboratory check repeats to check precision.
- Resampling core (quarter core) by Xtra-Gold to check accuracy.

Overall the results of the QA-QC checks is very encouraging despite the high level of demand on laboratories by mining companies over the last couple of years. Sampling carried out by Xtra-Gold on its Kibi prospect was conscientiously and diligently pursued. The results were as follows:

- **Blanks:** Failed blanks are random, and all 2714 laboratory blanks are below detection indicating that contamination has been minimised and is statistically insignificant.
- **Standards:** On average, precision of standards is 14.3% which is slightly high, but bias is mostly below 5%, and shows both negative and positive sign. Four standards marginally exceeded 5%. Results for standards are acceptable although additional follow-up on failures is recommended in future work. The laboratory standards analysed yielded good precision, below 6.6%, and accuracy is generally very good and mainly less than ±1% from the recommended value.
- **Duplicates:** Precision of field duplicates is high but consistent with the presence of particulate gold. After removal of "Flyers", regression analysis shows an absence of bias; results are accurate. Precision of pulp duplicates is similarly high. Regression analysis shows a skewed dataset where bias is zero at 0.7ppm Au increasing to 8% at 4ppm gold. Evaluation of pulp duplicates, represented by four separate analyses for each sample, shows reasonable comparison in grade between the original and

duplicated datasets. Average grade obtained using data only for pulp duplicates is 2.02ppm ±7.4%. This variability is acceptable with ore containing particulate gold. The laboratory duplicates yielded a precision of 9.7% for Fire Assay in the resource range =>0.5ppm gold. Regression analysis indicates accurate results. Similar precision and accuracy was achieved with gravimetric and Screen Fire Assay determinations.

- **Check assays:** Laboratory check assays yielded a precision of 13.2% in the resource range =>0.5ppm Au. Results are accurate.
- **Independent quarter core re-assay in mineralised zones:** The independent assessment of mineralised intersections from the Big Bend, East Dyke, Mushroom, Double 19 and South Ridge prospects, yielded high precision of the original and re-sampling programmes. However, the results indicate the presence of particulate gold. Regression analysis shows a weak bias where the re-assay values are slightly higher than the original assays. This is also observed comparing the mean grades of each dataset; mean original is 3.17g/t Au and re-assay gives 3.36g/t Au. The difference in the means is 6% and this is entirely satisfactory and underlines the accuracy of the database as a whole.

Of the 33,924 samples assayed from holes KBDD10069 - KBDD10256 (188 holes) during the 2010 – 2012 drilling campaign, approximately 17,640 were subjected to total pulverisation (Prep22); 1,193 samples to Prep31B (1 kg split for pulverisation); and 15,081 samples to Prep31 (250g splits for pulverisation). For the first 78 holes of the drilling programme (Holes 068 - 146), samples were subjected to total pulverisation. However, as the laboratory came under increasing pressure during peak exploration activities, Xtra-Gold elected to restrict total pulverisation to mineralized sections. Remaining core, outside the mineralised zone, was subject to analysis by the “Prep31” method. With the exception of 636 mineralised samples from 10 holes (Holes 151 – 176) which were analysed using the Prep31B method (1kg split), all the mineralised intercepts for the 2010 – 2012 drilling were subjected to complete pulverisation.

In conclusion, the geochemical data used in the resource estimation is satisfactory, with variations most probably due to the “nuggetty gold effect”, and there is nothing untoward in the mean grades used in the resource study.

Finally, it is strongly recommended that geochemical data gathered by Xtra-Gold on all future work in the Kibi deposit is validated independently on a monthly basis.

8 Adjacent Properties

Although the Kibi area is blanketed by mining concessions, very little systematic exploration work for bedrock gold deposits has been conducted over the years in the Kibi Greenstone Belt, reflecting the fact that the Kibi area has traditionally been recognized as an alluvial gold district, and the surrounding concessions have been held since the mid 1980s to early 1990s for their alluvial gold potential.

9 Mineral Processing and Metallurgical Testing

9.1 Metallurgy

In October 2011, a report was written by SGS for Xtra-Gold which assessed the mineralogical and metallurgical aspect of the gold mineralization in the Kibi Gold Project[27]. Ten kilogram samples of oxide material (average grade of 7.28 g/t Au) and sulphide material (average grade of 3.47 g/t Au) were sent by Xtra-Gold to SGS laboratory in Johannesburg. Various testing performed by SGS included:

- Head chemical analysis
- Heavy liquid separation
- Gravity separation by Knelson concentrator
- Grading analysis
- X-ray diffraction analysis of mineral content
- Bulk modal analysis
- Gold deportment, which involved gold grain speciation, gold containing particles, gold grain dimensions, gold grain mineral association, and direct cyanidation and diagnostic leach test.

The following results indicate that the gold in not refractory and is easily recoverable from both the sulphide and oxide material using standard industry beneficiation processes:

- The gold in the sulphide material and that in the oxide material were both found to be highly amenable to cyanidation leaching with 97% recovery for both materials by means of direct cyanidation. It was found that in the sulphide material, approximately 90% of the gold grains are ≥10% exposed, while in the oxide material, approximately 96% of the gold grains are ≥10% exposed and should be leachable.
- The two materials are also amenable to gravity upgrading with 67% of the gold recovered from the sulphide material and 56% from the oxide material with mass pulls for both of 3%.

[27] SGS report number MIN 0611/106

- The grading analysis of gold particles in both materials found that there was a very high upgrading of gold in the +106 µm size fraction (69% for the sulphide material and 74% for the oxide material). This indicates that the gold occurs as either large grains, or is locked in large particles. In the sulphide material, 25% of the gold was found to be locked in sulphide was found to be locked in oxides, such as ilmenite and rutile, and 10% in silicates, such as quartz.

SGS suggest two processing options for the sulphide and oxide ore:

1. Mill the ore to ≈80%-75 µm followed by carbon-in-leach cyanidation.
2. Mill the ore relatively coarsely (say ≈80%-106 µm) followed by gravity concentration, and then intensive cyanidation of the gravity concentrate. The gravity tailings could then be milled finer to ≈80%-75 µm followed by cyanidation of the milled tailings.

The first option is the more simple process, but the second option will allow shorter retention times in the leach tanks, and possibly lower cyanide consumption.

SGS also give a note of warning that the large size of the gold grains may result in a nugget effect (large assay variability). SGS recommend that this effect could be minimised by assaying large samples (>4 kg) by gravity combined with fire assay (i.e. gravity concentrate assayed in totality and tailings in triplicate). This is important for the drilling phase and eventually for resource estimation.

10 Mineral Resource and Mineral Reserve Estimates

10.1 Resource modelling

10.1.1 Specific Gravity measurements

Two hundred and fifty-nine samples were also sent to ALS Laboratory in Kumasi, Ghana, for specific gravity measurements. The averages for the different types of material are listed in Table 12.

Table 12 Relative Density determination for all material types

Material Type	Density
Oxide, upper	1.60
Transition	2.40
Sulphide	2.85

10.1.2 Geological model

Xtra-Gold geologists have been constructing 3D geological models of the geological elements where possible (Figure 34). They have used trenching and drilling data as well as surface mapping to help build wireframes of geological bodies, such as the diorite body, and of faults (Figure 35). These features will help constrain the ore models.

The geological models have been created in *Leapfrog* and Amine.

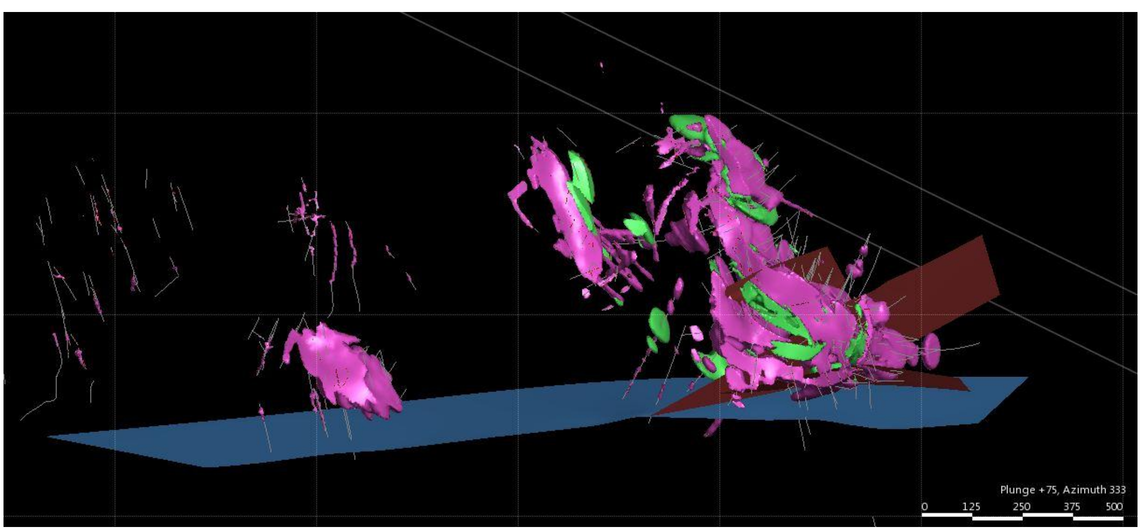

Figure 34 Snapshot of a 3D model of the diorite (pink) and some major faults (blue and brown).

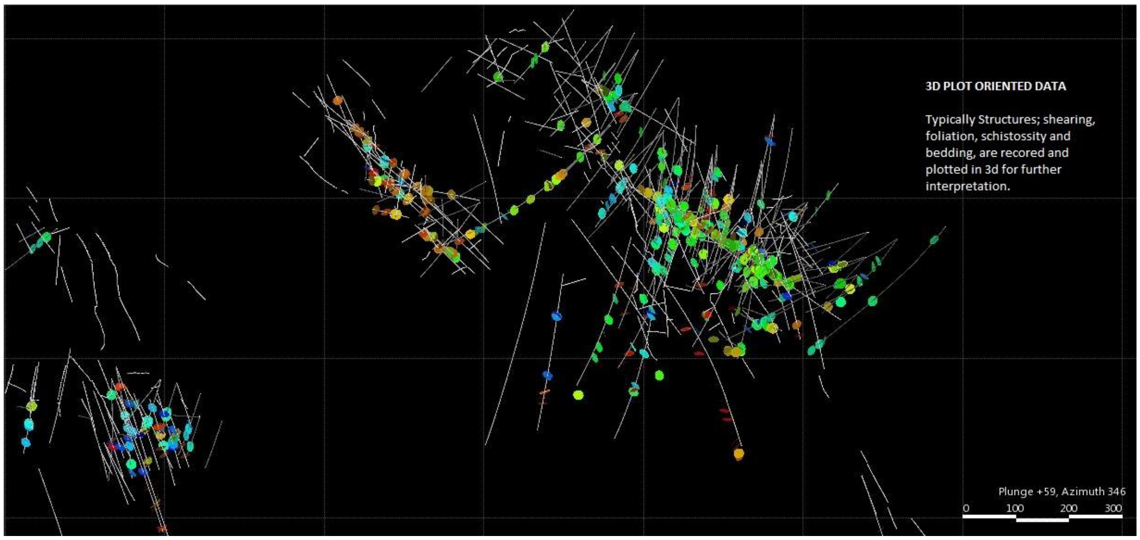

Figure 35 Snapshot of drill hole structural data used in building 3D models of geological elements.

10.1.3 Ore models and resource estimate

Xtra-Gold geologists have also been constructing 3D models of the ore zones where possible. They have used trenching and drilling data as well as guidance from the geological model and an understanding of the vein arrays in the diorite. The models made by Xtra-Gold have been created in *Leapfrog* and Amine.

SEMS Exploration has also built ore models to compare with those made by Xtra-Gold and to derive a maiden resource estimate. Wireframe models were made in *Datamine* for Big Bend and East Dyke deposits, and in *Leapfrog* for Mushroom, South Ridge and Double 19 deposits where there are less drill hole data (Figure 36). The resulting wireframe models of the mineralisation are shown in Figure 37, and are based on a 0.5 g/t lower cut off and a minimum of 2 m width. Geological 3D modelling of the diorite body was also used to guide and constrain the sectional outlines of mineralisation. Other parameters used in the resource estimate are listed in Table 13. The wireframes were then converted to a block model consisting of blocks 5m x 5m x 5m. Each block was then attributed with density and grade characteristics. Grade interpolation was carried out using Inverse distance cubed.

The resource categories deemed appropriate to use in accordance with the CIM Code are inferred and indicated resources. Indicated resources are those within 35 m radius of sample location (drill hole intercepts), whereas inferred resources are those beyond 35 m radius. Due to lack of established continuity of geological structure within the mineralised bodies and spacing of drill holes (sample points), the measured category was not considered appropriate. The results of the resource estimate are given in Table 14, Table 15 and Table 16.

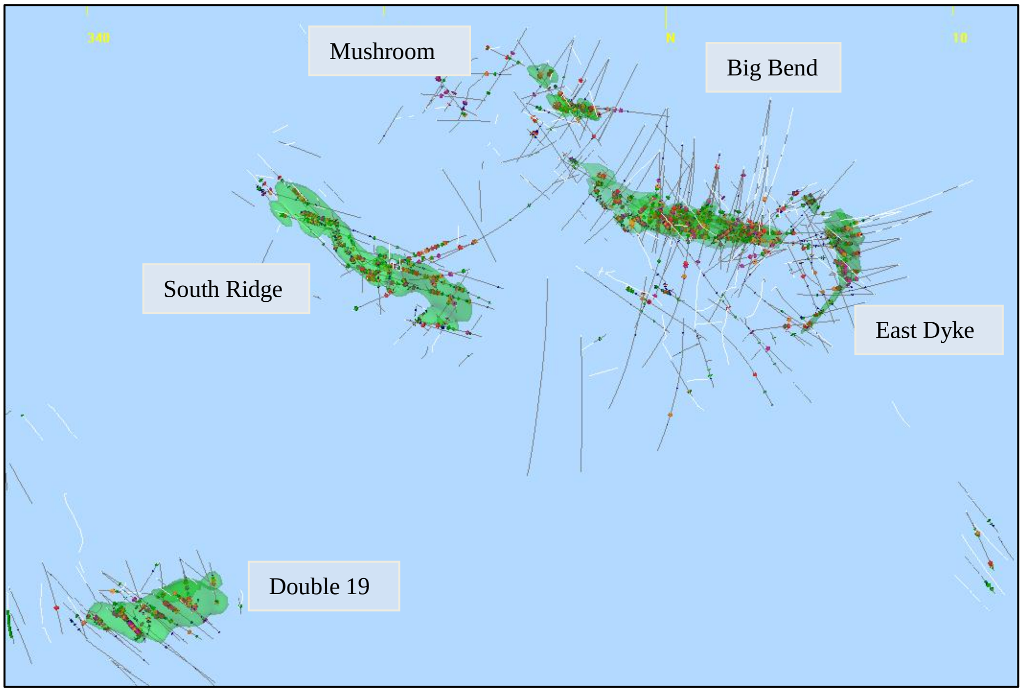

Figure 36 Ore-body wireframe models for the 5 deposits and drill-hole traces (plan view)

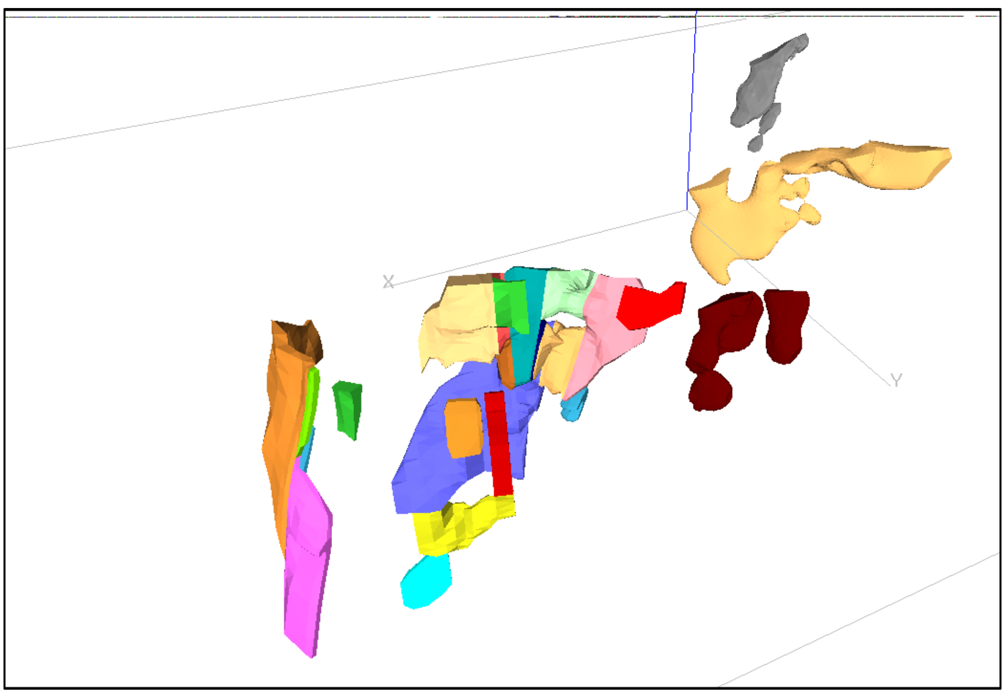

Figure 37 Wireframe ore models showing different domains and deposits by colour (looking southward).

Table 13 Parameters used in resource estimate.

Parameter	Big Bend	East Dyke	Minor Deposits
Assay lower cut (g/t)	0.5	0.5	0.5
Assay top cut (g/t)	20	20	20
Strike direction (^{0})	110-135	40,0,160	120-135
Dip (^{0})	40-55 NE	70-80 SE/NE	45-60
Plunge (^{0})	50	-	-
Pass 1 Search Radius x (m)	35	35	35
Pass 1 Search Radius y (m)	35	35	35
Pass 1 Search Radius z (m)	12	12	12
Min No. samples	2	2	2
Max No. samples	20	20	20
Block cell size (m)	5x5x5	5x5x5	5x5x5

Table 14 Results of resource estimate in terms of CIM Code categories.

CATEGORY	TONNAGE (Million Tonnes)	GRADE (Au g/t)	CONTAINED GOLD (Ounces)
Indicated	3.38	2.56	278,000
Inferred	2.35	1.94	147,000

Table 15 Results of resource estimate in terms of type of mineralised material.

MATERIAL TYPE	CATEGORY	TONNAGE (Million Tonnes)	GRADE (Au g/t)	CONTAINED GOLD (Ounces)
Oxide	Indicated	0.18	3.27	19,000
	Inferred	0.25	1.92	16,000
Transition	Indicated	0.23	2.93	22,000
	Inferred	0.26	2.30	19,000
Fresh	Indicated	2.97	2.48	237,000
	Inferred	1.84	1.89	112,000

Table 16 Results of resource estimate in terms of individual deposit and category.

DEPOSIT	CATEGORY	TONNAGE (Million Tonnes)	GRADE (Au g/t)	CONTAINED GOLD (Ounces)
Big Bend	Indicated	2.72	2.44	213,000
	Inferred	0.52	1.60	27,000
East Dyke	Indicated	0.65	3.04	64,000
	Inferred	0.08	4.37	11,000
Mushroom	Inferred	0.25	2.31	19,000
South Ridge	Inferred	0.90	1.48	43,000
Double 19	Inferred	0.61	2.43	48,000

11 Other Relevant Data and Information

SEMS is not aware of any other relevant data and information.

12 Interpretation and Conclusions

Xtra-Gold personnel used diligence in monitoring field work activities, quality control protocols and assaying results. Xtra-Gold has also been diligent in investigating potential workplace failures and taking appropriate and corrective measures as and when necessary.

SEMS is of the opinion that Xtra-Gold has taken the appropriate steps to explore for gold mineralization on the Apapam Concession using exploration practices best suited to the geological, climatic and cultural setting of Southern Ghana. SEMS is also of the opinion that exploration data, including soil, trench and drill information, was acquired using procedures that meet or exceed industry best practices. In the opinion of SEMS, Xtra-Gold collected comprehensive quality control data that is generally acceptable for the purpose of gold exploration evaluation.

Trenching and drilling have been used by Xtra-Gold to develop a number of exploration targets and subsequently delineate gold resources in the Apapam Concession. Using the trench and drill hole data a maiden resource estimate has been declared, which has potential to be expanded further. VTEM, soil sampling and mapping have also been used to continue exploration over the whole concession and to derive exploration targets for future development.

It is concluded that the Kibi Gold Project has the potential to host economic quantities of gold mineralisation and that Xtra-Gold, if current exploration practices are maintained, have the ability to realise this potential.

13 Recommendations

In reviewing all the data and information received from Xtra-Gold, SEMS has drawn the following recommendations:

- Continue the good practices that have been adopted by Xtra-Gold during past exploration in order to maintain an internationally acceptable standard of operation.
- Continue the QA-QC in-house monitoring program which should be assessed on a monthly basis in order to catch any significant decrease in sampling and assaying quality when it happens;
- Due to the complex nature of the geology in the concession, trenches should be excavated to improve geological understanding, especially regarding the dimensions and continuity of the granitoid bodies, as well as to prove or otherwise the continuity of grade;
- Continue drilling to expand the current resource and improve the categories from inferred and indicated to measured;
- Continue exploration of geochemical and geophysical targets to identify additional zones of mineralization in the concession area that may contribute to total resources of the concession.

14 References

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15 Appendix 1 - Apapam Mining Lease Documents

XTRA-GOLD MINING LIMITED
STATUS OF APAPAM CONCESSION

Apapam:

Status of mining lease is intact
E.P.A permit for mining alluvial gold and Mincom's Inspectorate permit have expired, and process of renewing is on-going

Payment for E.P.A permit for hard-rock exploration has been made, waiting for permit document from the regulator

3/8/333/09 ... 519/09

THIS MINING LEASE is made the 18th day of December 2008 between THE GOVERNMENT OF THE REPUBLIC OF GHANA (hereinafter called "the Government"0 acting by **ESTHER OBENG DAPPAH** the Minister of Lands, Forestry and Mines (hereinafter called the Minister") of the one part and **XTRA-GOLD MINING LIMITED** having its registered address at P. O. BOX C.5239, CANTONMENTS, ACCRA, GHANA (hereinafter called "the Company") of the second part:

W H E R E A S:

The Government is desirous of developing its mineral resources in such manner as will ensure that the maximum possible benefits accrue to the nation from the exploitation of minerals and has agreed to grant the Company a Mining Lease on the terms and conditions hereinafter following:

NOW THIS AGREEMENT WITNESSETH THAT:

1. GRANT OF MINING RIGHTS

(a) The Government hereby grants to the Company mining rights to ALL that piece of land described in the schedule hereto and more particularly delineated on the Plan attached and shown edged red (hereinafter called "the Lease Area") together with mines, beds, seams, veins, channels and strata of gold lying and being within and under the surface for a term of seven (7) years from the date of this Agreement. Such term shall be renewable from time to time in accordance with the Minerals and Mining Act, 2006, (Act 703);

(b) The Government hereby grants to the Company the exclusive rights to work, develop and produce gold in the Lease Area for the said term of Seven (7) years (including, the processing, storing and transportation of ore and materials together with the rights and powers reasonably incidental thereto) subject to the provisions of this Agreement;

(c) The Company shall not, however, conduct any operations in a sacred area and shall not, without the prior consent in writing of the Minister conduct any operations:

(i) within 50 yards of any building, installation, reservoir of dam, public road, railway or area appropriated for railway;

(ii) in an area occupied by a market, burial ground cemetery or Government office, or situated within a town or village or set apart for, used, appropriated or dedicated to a public purpose.

(d) The Company shall commence commercial production of gold within two (2) years from the date of this Mining Lease.

(e) The Company shall conduct its operations in a manner consistent with good commercial mining practices so as not to interfere unreasonably with vegetation in the Lease Area or with the customary rights and privileges of persons to farm, hunt and snare game, gather firewood for domestic purposes or to collect snails.

(f) The public shall be permitted at their sole risk to use without charge, any road constructed by the Company in the Lease Area, in a manner consistent with good mining practices, safety and security, provided that such use does not unreasonably interfere with the operations of the Company hereunder and provided also that such permission shall not extend to areas enclosed for mining operations.

(g) Nothing contained in this Agreement shall be deemed to confer any rights on the Company conflicting with provisions contained in the Minerals and Mining Act, 2006, (Act 703) or to permit the Company to dispense with the necessity of applying for and obtaining any permit or authorization which the Company may be required by law or regulation to obtain in respect of any work or activity proposed to be carried out hereunder.

2. <u>GRANT OF RIGHTS TO THIRD PARTIES IN THE MINING AREA:</u>

(a) Subject to satisfactory arrangements between the Government and the

Company, the Government shall grant the first option to the Company to work minerals other than gold and silver discovered in the Lease Area.

(b) Failing such satisfactory arrangements between the Government and the Company, the Government reserves the right to grant licences to third parties to prospect for or to enter into agreements for the production of minerals other than gold and silver in the Lease Area, provided that any such activity shall not unreasonably interfere with the rights granted to the Company hereunder.

3. <u>POWER OF GOVERNMENT TO EXCLUDE PARTS OF THE MINING AREA:</u>

(a) The Government may by reasonable notice in writing to the Company exclude from the Lease Area, at any time and from time to time, any part which may be required for any stated public purpose whatsoever, provided that:

- (i) The parts so excluded shall not have a surface area in the aggregate greater than ten percent of the Lease Area.
- (ii) Any parts of the Lease Area so excluded shall continue to form part of the Lease Area subject to this Agreement .
- (iii) except that no mining operations shall be conducted on the parts so excluded.
- (iv) No part of the Lease Area shall be so excluded in respect of which the Company shall have given prior notice specifying that such part is required for mining operations hereunder or on which active operations have commenced or are in progress (such as digging, construction, installation or other works related to gold and silver mining) but, in lieu thereof, a part equal in area to any such part shall be excluded for such public purposes; and
- (v) The Government shall not take to itself or grant to third parties the right to mine gold and silver from any part so excluded.

(b) The company shall be relieved of all liabilities or obligations hereunder in respect of any part excluded under this paragraph except liabilities or obligations accrued prior to such exclusion.

4. <u>WORK OBLIGATION</u>:

The Company shall continuously operate in the Lease Area in accordance with good mining practices until such time as the reserves or deposits may be exhausted or the mine can no longer be economically worked or until this Agreement expires, whichever shall be sooner.

5. <u>CONDUCT OF OPERATIONS</u>:

(a) The Company shall conduct all of its operations hereunder with due diligence, efficiency, safety and economy, in accordance with good mining practices and in a proper and workmanlike manner, observing sound technical and engineering principles using appropriate modern and effective equipment, machinery, materials and methods, and pay particular regard to conservation of resources, reclamation of land and environmental protection generally.

(b) The Company shall mine and extract ore in accordance with paragraph 5(a) herein utilizing methods, which include dredging, quarrying, pitting, trenching, stoping and shaft sinking in the Lease Area.

(c) The company shall maintain all equipment in good and safe condition, normal wear and tear excluded, and shall keep all excavated areas, shafts, pits and trenches in good and safe condition and take all practical steps:-

(i) to prevent damage to adjoining farms and villages;

(ii) to avoid damage to trees, crops, buildings structures and other property in the Lease Area; to the extent, however, that any such damage is necessary or unavoidable, the Company shall pay fair and reasonable compensation.

(c) The Company shall fence off effectually from the adjoining lands, all pits, shafts and other works made or used under the powers hereof.

(d) The company shall as far as is necessary or practicable provide and maintain in good repair and condition roads, gates, stiles and fences for the convenient occupation of the surface of the Lease Area.

The Company shall provide and maintain proper and sufficient drains, culverts, arches and passageways for carrying off any waters which shall arise or be produced or interrupted by any of the works hereby authorized so that the drainage of the Lease Area may not be prevented or prejudiced.

<u>NOTIFICATION OF DISCOVERY OF OTHER MINERALS</u>:

(a) The Company shall report forthwith to the Minister, the Chief Executive of the Minerals Commission, the Head, Inspectorate Division of the Minerals Commission and the Director of Ghana Geological Survey, the discovery in the Lease Area of any other mineral deposits apart from gold and silver and the Company shall be given the first option to prospect further and to work the said minerals, subject to satisfactory arrangements between the Government and the Company.

Failing any such satisfactory arrangements the Company shall not produce any minerals from the Lease Area other than gold and silver except where they are unavoidably linked with the production of gold and silver.

<u>SAMPLES:</u>

(a) The Company shall not during the currency of this agreement

(c) The Company shall fence off effectually from the adjoining lands, all pits, shafts and other works made or used under the powers hereof.

(d) The company shall as far as is necessary or practicable provide and maintain in good repair and condition roads, gates, stiles and fences for the convenient occupation of the surface of the Lease Area.

The Company shall provide and maintain proper and sufficient drains, culverts, arches and passageways for carrying off any waters which shall arise or be produced or interrupted by any of the works hereby authorized so that the drainage of the Lease Area may not be prevented or prejudiced.

6. <u>NOTIFICATION OF DISCOVERY OF OTHER MINERALS</u>:

(a) The Company shall report forthwith to the Minister, the Chief Executive of the Minerals Commission, the Head, Inspectorate Division of the Minerals Commission and the Director of Ghana Geological Survey, the discovery in the Lease Area of any other mineral deposits apart from gold and silver and the Company shall be given the first option to prospect further and to work the said minerals, subject to satisfactory arrangements between the Government and the Company.

Failing any such satisfactory arrangements the Company shall not produce any minerals from the Lease Area other than gold and silver except where they are unavoidably linked with the production of gold and silver.

<u>SAMPLES:</u>

(a) The Company shall not during the currency of this agreement remove, dispose of or destroy, except in analyses, any cores or samples obtained from the Lease Area without the prior consent in writing of the Head of the Inspectorate Division of the Minerals Commission.

(b) The Company shall provide the Director of Ghana Geological Survey with such samples from the Lease Area as he may from time to time reasonably request, and shall keep such samples as he may be directed to do so by the Head of the Inspectorate Division of the Minerals Commission.

<u>HEALTH, SAFETY AND ENVIRONMENTAL PROTECTION</u>:

(a) The Company shall comply with all such reasonable instructions as may from time to time be given by the Inspectorate Division of the Minerals Commission for securing the health and safety of persons engaged in or connected with the operations hereunder.

The Company shall adopt all necessary and practical precautionary measures to prevent undue pollution of rivers and other potable water and to ensure that such pollution does not cause harm or destruction to human or animal life or fresh water fish or vegetation.

<u>POWER OF HEAD OF THE INSPECTORATE DIVISION OF THE MINERALS COMMISSION TO EXECUTE CERTAIN WORKS</u>:

If the Company shall at any time fail to comply with any provisions of this Agreement or applicable law and such failure is likely, in the opinion of the Head of the Inspectorate Division of the Minerals Commission, to:

(i) endanger the health or safety of persons, or

(ii) endanger the environment, or

(iii) cause harm or destruction to potable water; or

(iv) result in damage to mining equipment or other structures or installation;

the Head of the Inspectorate Division of the Minerals Commission, shall after giving the Company reasonable notice, execute any works which in his opinion are necessary and practicable in the circumstances and the costs and expenses of such works shall be borne by the Company.

10. LIABILITY FOR DAMAGE OR INJURY AND INDEMNITY:

(a) Nothing in this Agreement shall exempt the Company from liability for any damage, loss or injury caused to any person, property or interest as a result of the exercise by the Company of any rights or powers granted to it under this Agreement.

(b) The Company shall at all times indemnify the Government and its officers and agents against all claims and liabilities in respect of any loss suffered by or damage done to third parties arising out of the exercise by the Company of any rights or powers granted to it under this Agreement provided that the Company shall not so indemnify the Government, its officers and agents where the claim or liability arises out of the wrongful or negligent acts of the Government, its officers and agents.

11. EMPLOYMENT AND TRAINING:

(a) Citizens of Ghana shall be given preference for employment by the Company in all phases of its operations hereunder to the maximum possible extent, consistent with safety, efficiency and economy.

(b) Except with respect to unskilled personnel, the Company may employ non-Ghanaian personnel in the conduct of its operations provided that the number of such non-Ghanaian personnel employed shall not exceed the quota permitted by the Government.

(c) The Company shall provide appropriate programmes of instruction and theoretical and practical training to ensure the advancement, development, improved skills and qualification of Ghanaian employees in all categories of employment.

12. PREFERENCE FOR GHANAIAN GOODS AND SERVICES

In the conduct of its operations and in the purchase, construction and installation of facilities, the Company shall give preference to:-

(a) materials and products made in Ghana, if such materials and products are comparable or better in price, quality and delivery dates than materials and products from foreign sources;

(b) service agencies located in Ghana owned by Ghanaian citizens or companies organized pursuant to Ghanaian law, including but not limited to, insurance agencies, bidding contractors, import brokers, dealers and agents if such agencies give or provide equal or better price and quality of service than competing foreign firms and can render services at such times as the Company may require.

13. AFFILIATED COMPANY TRANSACTIONS:

(a) Any services including services in respect of the purchase and acquisition of materials outside Ghana provided by an affiliated company shall be obtained only at a price, which is fair and reasonable. The Company shall, at the request of the Minister, provide such justification of costs as may be required, duly supported by an Auditor's certificate if necessary.

(b) Any other transactions between the Company and an affiliated company shall be on the basis of competitive international prices and upon such terms and conditions as would be fair and reasonable had such transactions taken place between unrelated parties.

(c) The Company shall notify the Minister of any and all transactions between the Company and an affiliated company and shall supply such details relating to such transactions as the Minister may by notice reasonably require.

14. <u>TECHNICAL RECORDS</u>:

(a) The Company shall maintain at its registered or mine offices complete records of pits and trenches (location, depths of overburden and gravel and assay value) in the Lease Area in such form as may from time to time be approved by the Head of the Inspectorate Division of the Minerals Commission, Chief Executive of the Minerals Commission and the Director of Ghana Geological Survey.

(b) The Company shall maintain at the said offices copies of all reports including interpretations dealing with gold and silver prospects in the Lease Area in the course of its operations hereunder and copies of all tests and analyses, geological and geophysical maps, diagrams or charts relevant to its operations hereunder. These reports and records may be examined by persons in the service or acting on behalf of the Government and authorized in writing by the Minister.

C The Company shall maintain at the said offices correct and intelligible plans and sections of all mines which plans and sections shall show the operations and workings which have been carried on as well as dykes, veins, faults and other disturbances which have been encountered in such workings and operations. All such plans and sections shall be made, amended and completed from actual surveys conducted for that purpose.

(c) Upon expiration or termination of this Agreement or the surrender of any part of the Lease Area, such records and data as are required to be maintained pursuant to this paragraph which relate to the Lease Area, or such part of the Lease Area as may have been surrendered shall be delivered to the Head of the Inspectorate Division of the Minerals Commission, Chief Executive of the Minerals Commission and the Director of Ghana Geological Survey and shall become the property of the Government without charge.

15. PRODUCTION RECORDS:

The Company shall maintain at its registered or mine offices complete and accurate technical records of its operations and production in the Lease Area in such form as may from time to time be approved by the Head of the Inspectorate Division of the Minerals Commission.

16. FINANCIAL RECORDS:

(a) The Company shall maintain at its registered or mine offices, detailed and complete accounts and systematic financial records of its operations as may be required by law. The books of account shall show all revenues received by the Company from all sources including its operations hereunder, as well as all its expenditure.

The Company shall provide for a clear basis for understanding and relating the financial records and accounts to its operations.

(b) The Company's books of account shall be kept on the basis of generally accepted accounting principles.

(c) The Company shall keep separately records and financial statements in terms of Ghana currency and also in terms of U.S. Dollars or other international currency and may record in foreign currency such claims and liabilities as arise in such foreign currency.

(c) The Company's books of account shall be audited within six (6) months after the close of each Financial Year by a qualified Accountant and member of the Ghana Institute of Chartered Accountants. Such auditing shall not in any way imply acceptance of its results by the Government or preclude the Government from auditing such books of account. The Company shall deliver to the Minister without charge, copies of all or any part of such financial records as he may from time to time reasonably request.

Chief Executive of the Minerals Commission and the Director of Ghana Geological Survey Department summarising the results of its operations in the Lease Area during that Financial Year and the records required to be kept by the Company pursuant to paragraphs 14, 15, and 16 hereof. Each such report shall include a description of the proposed operations for the following year with an estimate of the production and revenue to be obtained therefrom. Such reports shall be submitted not later than sixty (60) days after the end of each Financial Year.

(d) The Company shall furnish the Minister, the Head of the Inspectorate Division of the Minerals Commission, the Chief Executive of the Minerals Commission and the Director of Ghana Geological Survey not later than three (3) months after the expiration or termination of this Agreement, with a report giving an account of the geology of the Lease Area including the stratigraphic and structural conditions, together with a geological map on a scale prescribed in the Mining Regulations.

(e) The Company shall furnish the Minister and the Chief Executive of the Minerals Commission, with a report of the particulars of any proposed alteration to its regulations. The Company shall also furnish the Minister and the Chief Executive of the Minerals Commission with a report on the particulars of any fresh issues of shares of its capital stock or borrowings in excess of an amount equivalent to the Stated Capital of the Company. All such reports shall be in such form as the Minister may require and shall be submitted not less than twenty-one (21) days (or such lesser period as the Minister may agree) in advance of any proposed alteration, fresh issue or borrowing, as the case may be.

(f) The Company shall, not later than 180 days after the end of each

Financial Year, furnish the Minister and the Chief Executive of the Minerals Commission with a copy each of its annual financial reports including a balance sheet, profit and loss account, and all notes pertaining thereto, duly certified by a qualified accountant who is a member of the Ghana Institute of Chartered Accountants. Such certificate shall not in any way imply acceptance of such reports by the Government or preclude the Government from auditing the Company's books of account.

(g) The Company shall furnish the Minister, the Head of the Inspectorate Division of the Minerals Commission, the Chief Executive of the Minerals Commission and the Director of Ghana Geological Survey with such other reports and information concerning its operations as they may from time to time reasonably require.

18. INSPECTION:

(a) Any person or persons in the service of or acting on behalf of the Government and authorized in writing by the Minister shall be entitled at all reasonable times to enter into and upon any part of the Lease Area and the Company's registered office, for any of the following purposes:

(i) to examine the mine workings, equipment, buildings, installation and any other structures used in the mining operation;

(ii) to inspect the samples which the Company is required to keep in accordance with the provisions of this Agreement;

(iii) to inspect and check the accuracy of the weights and measures and weighing and measuring devices, used or kept by the Company;

(iv) to examine and make abstracts of the books and records kept by the Company pursuant to this Agreement;

(v) to verify or ensure compliance by the Company with all applicable laws and regulations and with its obligations hereunder;

(VI) to execute any works which the Head of the Inspectorate Division of the Minerals Commission may be entitled to execute in accordance with the provisions of the Mining Laws and Regulations of Ghana, or of this Agreement.

(b) The Company shall make reasonable arrangements to facilitate any such work or inspection, including making available employees of the Company to render assistance with respect to any such work or inspection. All such works and inspections shall be listed by the Company in the reports and furnished each half year.

19. CONFIDENTIAL TREATMENT:

The Government shall treat all information supplied by the Company hereunder as confidential for a period of five (5) years from the date of submission of such information or upon termination of this Agreement whichever is sooner and shall not reveal such information to third parties except with the written consent of the Company which consent shall not be unreasonably withheld. The Government and persons authorized by the Government may nevertheless use such information received from the Company for the purpose of preparing and publishing general reports on Minerals in Ghana and in connection with any dispute between the Government and the Company.

20. FINANCIAL OBLIGATIONS:

(a) Consideration Fees

The Company shall, in consideration of the grant of the Mining Lease pay to Government an amount of US$30,000.00 (thirty thousand U.S. Dollars).

(b) Rent:

The Company shall pay rent (which shall be subject to review) at the rate of GH¢20.00 (twenty Ghana cedis) i.e. (¢5,000 or 50Gp per square kilometre)

(i) the said rent shall be paid half yearly in advance on or before the first day of January and on or before the first day of July in each year.

(ii) in the event of a surrender of any part of the Lease Area pursuant to paragraph 25 hereof, no rental payments shall be refunded in whole or in part of any area so surrendered for which yearly rental has been paid in advance or shall rental payments be refunded in the event of termination.

21. ROYALTIES:

(a) The Company shall pay to the Government royalty as prescribed by legislation.

(b) The Company shall pay royalty to the Government each quarter through the Commissioner of Internal Revenue based on the production for that quarter, within thirty (30) days from the end of the quarter.

Any necessary adjustments shall be made annually within sixty (60) days of the end of each Financial Year, except that any over-payment of royalty shall not be refunded by the Government but shall be credited against royalty due and payable in the next quarter.

(c) In the event of a dispute with respect to the amount of royalty payable hereunder, the Company shall first make payment of the lower of the disputed amounts and shall pay forthwith any further royalty which shall be agreed upon or determined to be payable by arbitration in accordance with paragraph 35 hereof. Such further royalty shall carry interest to be agreed upon or at the ruling prime rate in Ghana at the time of the award or agreement to take effect from the date on which such amount ought originally to have been paid.

(c) The Company shall also pay royalty on all timber felled by the Company in accordance with existing legislation.

22. LATE PAYMENTS:

(a) Anything herein contained to the contrary notwithstanding, the Company shall pay as penalty for any late payment of any amounts due to the Government hereunder, an additional amount calculated at the Bank of Ghana re-discount rate for every thirty-day period or part thereof for the period of the delay in paying the amounts, that is to say, the period between the actual payment date and the date on which each such payment should have been made.

(b) In the event the Company shall fail to make payment to the Government of any amount due hereunder, the Government without prejudice to any other rights and remedies to which it may be entitled, may, after giving 30 days notice in writing, enter into and upon the Lease Area and seize and distrain and sell as landlords may do for rent in arrears, all or any of the stocks of gold and silver produced therefrom, and the plant and equipment, materials and supplies belonging to the Company which shall be thereon; and out of the monies obtained from the sale in respect of such distress may retain and pay all of the arrears of any amounts due hereunder and the costs and expenses incidental to any such distress and sale and deliver up the surplus (if any) to the Company.

23. TAXATION:

(a) The Company shall not be required to deduct or withhold any taxes from any payment made from its external account of which is authorized under the terms of the Minerals and Mining Act, 2006 (Act 703) of:

(i) any interest or other costs or fees paid in respect of any borrowing by or on behalf of the company in foreign currency for the project;

(ii) any dividends paid to the shareholders.

(b) Save for the above, the Company shall pay tax in accordance with the laws of Ghana.

24. FOREIGN EXCHANGE:

All foreign exchange transactions shall be in accordance with the laws of Ghana.

25. SURRENDER:

(a) The Company may surrender at any time and from time to time, by giving not less than two months' notice to the Minister, all its rights hereunder in respect of any part of the Lease Area not larger in the aggregate than 20% of the said Area. The Company may surrender a larger part of the Lease Area by giving not less than twelve (12) months' notice to the Minister. The Company shall be relieved of all obligations in respect of the part or parts of the Lease Area so surrendered except those obligations, which accrued prior to the effective date of surrender.

(b) The Company shall leave the part of the Lease Area surrendered and everything thereon in a good and safe condition, provided, however that the Company shall have no such obligations for areas surrendered on which the company has not undertaken any works or which have not been affected by the operations of the Company. The Company shall take all reasonable measures, in accordance with good mining practices to leave the surface of such part of the Lease Area surrendered, in good and usable condition having regard to the ecology, drainage, reclamation and the protection of the environment. In the event that the Company fails to do so, the Minister shall make such part and everything thereon safe and in good, usable condition at the expense of the Company. The provisions of sub-paragraphs (a) and (c) of paragraph 29 hereof shall apply.

(c) The Company shall, on such terms and conditions as may be agreed upon between the Government and the Company, be entitled to such wayleaves, easements or other rights through or across the surrendered part or parts as may be necessary for its operations and such wayleaves shall not form part or be included in the calculation of the area of the retained part.

(c) The Government may require that there be reserved over any part surrendered such wayleaves, easements or other rights as will in its opinion be necessary or convenient to any party to whom the Government may subsequently grant a prospecting licence or mining lease.

26. <u>EXTENSION</u>:

If the Company, not less than six (6) months before the expiration of this Agreement, applies to the Minister for an extension of the term hereof and if the Company shall not be in default at that time in the performance of any of its obligations hereunder, the Company shall be entitled to an extension of the period of this Agreement upon such terms and conditions as the parties may then agree.

27. COMPANY'S RIGHT TO TERMINATE AGREEMENT:

The Company may, if in its opinion the mine can no longer be economically worked, terminate this Agreement by giving not less than nine (9) months' notice to the Government. Such termination shall be without prejudice to any obligation or liability incurred by the Company hereunder prior to the effective date of such termination.

28. GOVERNMENT'S RIGHT TO TERMINATE AGREEMENT:

(a) The Government may, subject to the provisions of this paragraph, terminate this Agreement if any of the following events shall occur:-

(i) the Company shall fail to make any of the payments provided for in this Agreement on the payment date;

(ii) the Company shall contravene or fail to comply with any other provisions of this Agreement; or

(iii) the Company shall become insolvent or bankrupt or enter into any agreement or composition with its creditors or take advantage of any law for the benefit of debtors or go into liquidation, whether compulsory or voluntary, except for the purposes of reconstruction or amalgamation; or

(iv) the Company makes a written statement to the Government on any material matter in connection with this Agreement or with its operations which the Company knows to be false or makes recklessly without due regard as to whether it was true or false.

(c) If and whenever the Government decides there are grounds to terminate this Agreement pursuant to clauses (i) and (ii) of the preceding sub-paragraph, the Government shall give the Company notice specifying the particular contravention or failure and permit the Company to remedy same within one hundred and twenty

(120) days of such notice, or such longer period as the Minister may specify in such notice as being reasonable in the circumstances.

(c) If the Company shall fail to remedy any event specified in clauses and (ii) of sub-paragraph (a) of this paragraph within the stated period, or an event specified in clauses (iii) and (iv) of the said sub-paragraph shall occur, the Government may by notice to the Company terminate this Agreement, provided that if the Company disputes whether there has been any contravention or failure to comply with the conditions hereof (including any dispute as to the calculation of payments by the Company to the Government hereunder), and the Company shall, within such period as aforesaid refer the dispute to arbitration in accordance with paragraph 35 hereof and, thereafter, diligently prosecute its claim thereunder, the Government shall not terminate this Agreement except as the same may be consistent with the terms of the arbitration award.

(d) No delay or omission or course of dealing by the Government shall impair any of its rights hereunder or be construed to be a waiver of any event specified in sub-paragraph (a) of this paragraph or an acquiescence therein.

(e) Upon termination of this Agreement, every right of the Company hereunder shall cease (save as otherwise specifically provided hereunder) but subject nevertheless and without prejudice to any obligation or liability imposed or incurred under this Agreement prior to the effective date of termination and to such rights as the Government may have under the law.

29. ASSETS ON TERMINATION OR EXPIRATION:

(a) The Company may within six months of the termination of the Mining Lease or a further period allowed by the Minister, remove the mining plant if the mining plant is removed solely for the purpose of use by the Company or a person deriving title through the Company, in another relevant mining activity in the Country.

(b) A mining plant not removed by the Company within two months after notice is given by the Minister to the Company at anytime after expiration of the period referred to in subsection (a), shall vest in the Republic on the expiration of the two month notice period.

(c) Nothing in this Agreement removes or diminishes an obligation that the Company may have under the Minerals and Mining Act, 2006, (Act 703), another enactment or a condition of this Agreement to remove a mining plant and rehabilitate the land.

(d) Notwithstanding the foregoing, the Minister, may by notice to the Company require the removal or destruction of any assets of the Company in the Leased Area, and if the Company does not remove or destroy such assets within a period of thirty (30) days from the date of the Minister's notice to that effect, the Minister shall cause such removal or destruction at the expense of the Company.

(e) The Company shall take all reasonable measures to ensure that all of the assets to be offered for sale to the Government or transferred to the Government in accordance with this paragraph shall be maintained in substantially the same condition in which they were at the date of the termination or the date on which the Company reasonably knew that such termination would occur and any such assets shall not be disposed of, dismantled or destroyed except as specifically provided for in this paragraph.

(f) Upon the termination or expiration of this Agreement, the Company shall leave the Lease Area and everything thereon in good condition, having regard to the ecology, drainage, reclamation, environmental protection, health and safety; provided however that the Company shall have no obligation in respect of areas where the Company has not undertaken any work or which have not been affected by the Company's operations. In this connection, unless the Chief Inspector of Mines otherwise directs, the Company shall, in accordance with good mining practices, fill up or fence and make safe all holes and excavations to the reasonable satisfaction of the Chief Inspector of Mines. In addition the Company shall take all reasonable measures to leave the surface of the Lease Area in usable condition and to restore all structures thereon not the property of the Company to their original condition. In the event that the Company fails to do so, the Minister shall restore and make safe the Lease Area and everything thereon at the expense of the Company.

(g) The Company shall have the right to enter upon the Lease Area for the aforesaid purposes, subject to the rights of surface owners or others, for a period of six (6) months from the effective date of the termination or such longer period as the Minister may decide.

(h) On the termination of this Agreement, the Company shall deliver to the Minister the records which the Company is obliged to maintain under the Minerals and Mining Act, 2006, (Act 703); the plans and maps of the area covered by the mining lease prepared by the Company; and other documents, including in electronic format, if available that relate to the mineral right.

30. <u>FORCE MAJEURE:</u>

(a) For the purpose of this paragraph, force majeure includes acts of

God, war, strikes, insurrection, riots, earthquakes, storm, flood or other adverse weather conditions or any other event which the Company could not reasonably be expected to prevent or control, but shall not include any event caused by a failure to observe good mining practices or by the negligence of the Company or any of its employees or contractors.

(b) The Company shall notify the Minister within forty-eight (48) hours of any event of force majeure affecting its ability to fulfil the conditions hereof or of any events, which may endanger the natural resources of Ghana and similarly notify the Government of the restoration of normal conditions within forty-eight hours of such restoration. This provision shall be in addition to any requirements contained in the Mining Regulations in force in Ghana.

(c) All obligations on the part of the Company to comply with any of the conditions herein (except the obligation to make payment of monies due to the Government) shall be suspended during the period the Company is prevented by force majeure from fulfilling such obligations, the Company having taken all reasonable precautions, due care and reasonable alternative measures with the objective of avoiding such non-compliance and of carrying out its obligations hereunder. The Company shall take all reasonable steps to remove such causes of the inability to fulfil the terms and conditions hereof with the minimum of delay.

(c) The terms of this Agreement shall be extended for a period of time equal to the period or periods during which the company was affected by conditions set forth in the sub-paragraph (a) and (b) of this paragraph or for such period as may be agreed by the parties.

31. <u>POLITICAL ACTIVITY:</u>

The Company shall not engage in political activity of any kind in Ghana or

God, war, strikes, insurrection, riots, earthquakes, storm, flood or other adverse weather conditions or any other event which the Company could not reasonably be expected to prevent or control, but shall not include any event caused by a failure to observe good mining practices or by the negligence of the Company or any of its employees or contractors.

(b) The Company shall notify the Minister within forty-eight (48) hours of any event of force majeure affecting its ability to fulfil the conditions hereof or of any events, which may endanger the natural resources of Ghana and similarly notify the Government of the restoration of normal conditions within forty-eight hours of such restoration. This provision shall be in addition to any requirements contained in the Mining Regulations in force in Ghana.

(c) All obligations on the part of the Company to comply with any of the conditions herein (except the obligation to make payment of monies due to the Government) shall be suspended during the period the Company is prevented by force majeure from fulfilling such obligations, the Company having taken all reasonable precautions, due care and reasonable alternative measures with the objective of avoiding such non-compliance and of carrying out its obligations hereunder. The Company shall take all reasonable steps to remove such causes of the inability to fulfil the terms and conditions hereof with the minimum of delay.

(c) The terms of this Agreement shall be extended for a period of time equal to the period or periods during which the company was affected by conditions set forth in the sub-paragraph (a) and (b) of this paragraph or for such period as may be agreed by the parties.

31. <u>POLITICAL ACTIVITY:</u>

The Company shall not engage in political activity of any kind in Ghana or make a donation, gift or grant to any political party. The Company shall make it a condition of employment that no employee, other than a citizen of Ghana shall engage in political activity and shall not make donations, gifts or grants to any political party. In the event of any such employee acting in disregard to this condition, he shall be dismissed forthwith.

32. ADVERTISEMENTS, PROSPECTUSES, ETC:

Neither the Company nor any affiliated Company shall in any manner claim or suggest, whether expressly or by implication that the Government or any agency or official thereof, has expressed any opinion with respect to gold in the Lease Area and no statement to this effect shall be included in or endorsed on any prospectus notice, circular, advertisement, press release or similar document issued by the Company or any affiliated Company for the purpose of raising new capital.

33. CO-OPERATION OF THE PARTIES:

Each of the parties hereto undertake that it will from time to time do all such acts and make, enter into, execute, acknowledge and deliver at the request of the other party, such supplemental or additional instruments, documents, agreements, consents, information or otherwise as may be reasonably required for the purpose of implementing or further assuring the rights and obligations of the other party under this Agreement.

34. NOTICE:

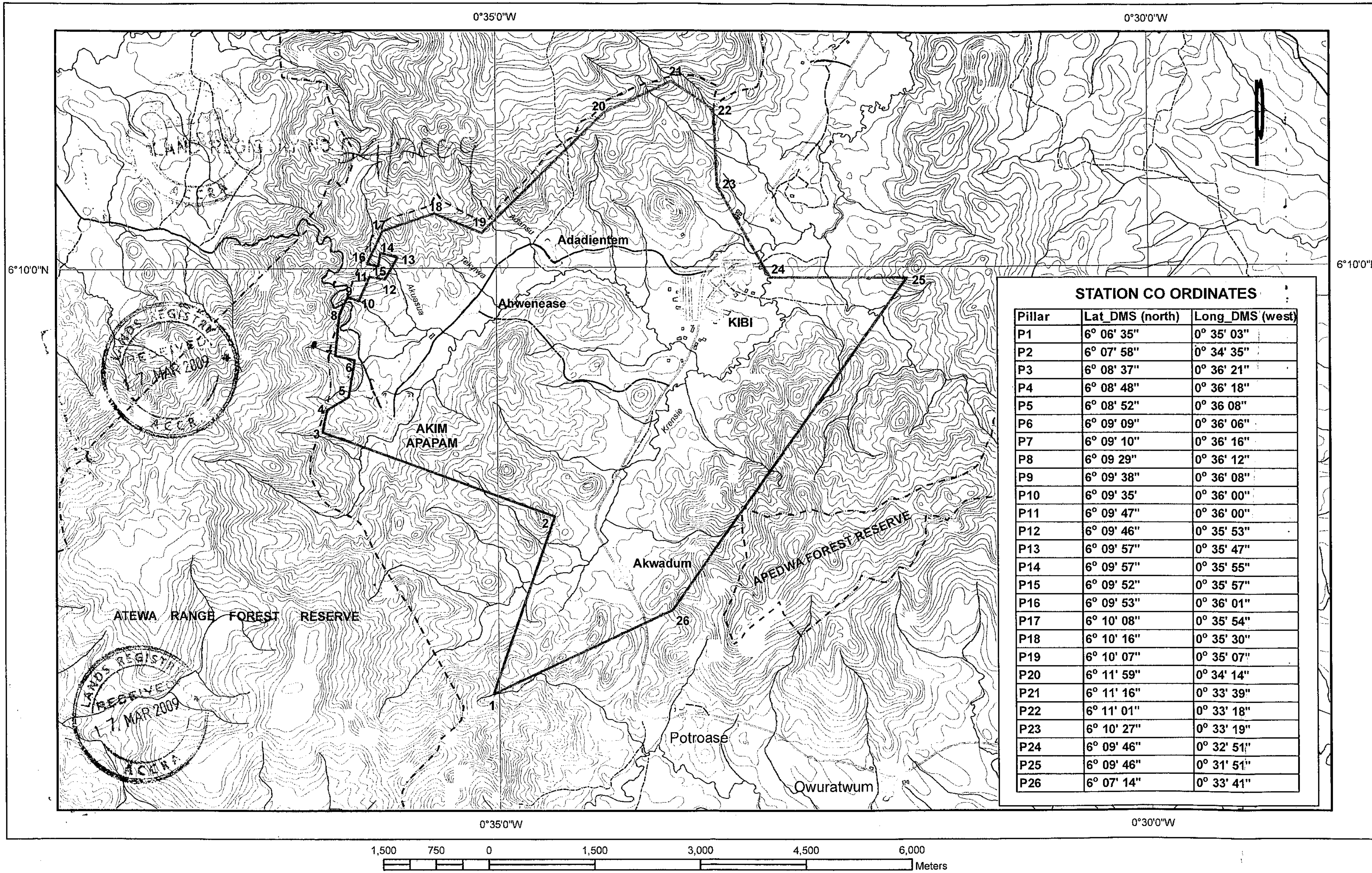
Any application, notice, consent, approval, direction, instruction or waiver hereunder shall be in writing and shall be delivered by hand or by registered mail. Delivery by hand shall be deemed to be effective from the time of delivery and delivery by registered mail shall be deemed to be effective from such time as it would in the ordinary course of registered mail be delivered to the addressee.

35. ARBITRATION AND SETTLEMENT OF DISPUTES:

(a) Any dispute between the parties in respect of the interpretation or

SITE PLAN
PROPERTY OF XTRA-GOLD MINING LTD.
SHEWN EDGED PINK
AREA = 33.65 SQ KMS
SCALE 1:50000

Part of field Sheet 0601C4



STATION CO ORDINATES

Pillar	Lat_DMS (north)	Long_DMS (west)
P1	6° 06' 35"	0° 35' 03"
P2	6° 07' 58"	0° 34' 35"
P3	6° 08' 37"	0° 36' 21"
P4	6° 08' 48"	0° 36' 18"
P5	6° 08' 52"	0° 36 08"
P6	6° 09' 09"	0° 36' 06"
P7	6° 09' 10"	0° 36' 16"
P8	6° 09 29"	0° 36' 12"
P9	6° 09' 38"	0° 36' 08"
P10	6° 09' 35'	0° 36' 00"
P11	6° 09' 47"	0° 36' 00"
P12	6° 09' 46"	0° 35' 53"
P13	6° 09' 57"	0° 35' 47"
P14	6° 09' 57"	0° 35' 55"
P15	6° 09' 52"	0° 35' 57"
P16	6° 09' 53"	0° 36' 01"
P17	6° 10' 08"	0° 35' 54"
P18	6° 10' 16"	0° 35' 30"
P19	6° 10' 07"	0° 35' 07"
P20	6° 11' 59"	0° 34' 14"
P21	6° 11' 16"	0° 33' 39"
P22	6° 11' 01"	0° 33' 18"
P23	6° 10' 27"	0° 33' 19"
P24	6° 09' 46"	0° 32' 51"
P25	6° 09' 46"	0° 31' 51"
P26	6° 07' 14"	0° 33' 41"

Company without the prior consent in writing of the Government

(b) The Government may impose such conditions precedent to the giving of such consent as it may deem appropriate in the circumstances. No assignment, however, may relieve the Company of its obligations under this Agreement except to the extent that such obligations are actually assumed by the Assignee.

(c) During the term of this Agreement, no shares of the capital stock of the Company may be transferred except in accordance with the Minerals and Mining Law.

37. HEADINGS:

The headings given to paragraphs in this Agreement are for convenience only and shall not affect the construction or interpretation of this Agreement.

36. GOVERNING LAWS:

This Agreement shall be governed and construed in accordance with the Laws of Ghana.

THE SCHEDULE ABOVE REFERRED TO

All that piece or parcel of land containing an approximate total area of 33.65 square kilometers Lying to the North of Latitudes 6° 06′ 35″, 6° 07′ 58″, 6° 08′ 37″, 6° 09′ 09″, 6° 09′ 10″, 6° 09′ 56″, 6° 09′ 57″, 6° 09′ 52″, 6° 09′ 53″ and 6° 07′ 14″; South of Latitudes 6° 09′ 38″, 6° 09′ 35″, 6° 09′ 47″, 6° 09′ 46″, 6° 10′ 16″, 6° 10′ 07″, 6° 11′ 16″, 6° 11′ 01″, 6° 10′ 27″ and 6° 09′ 46″; East of Longitudes - 0° 35′ 03″, -0° 34′ 35″, -0° 36′ 21″, -0° 36′ 18″, -0° 36′ 08″, -0° 36′ 06″, -0° 36′ 16″, -0° 36′ 12″, -0° 36′ 08″, -0° 36′ 03″, -0° 36′ 00″, -0° 35′ 53″, -0° 35′ 47″, -0° 35′ 55″, -0° 35′ 57″, -0° 36′ 01″, -0° 35′ 54″, -0° 35′ 30″, -0° 35′ 07″ and -0° 34′ 14″; West of Longitudes -0° 33′ 18″, -0° 33′ 19″, -0° 32′ 51″, -0° 31′ 51″ and -0° 33′ 41″ in the East Akim District of the Eastern Region of the Republic of Ghana which piece or parcel of land is more particularly delineated on the plan annexed hereto for the purposes of identification and not of limitation.

IN WITNESS OF WHICH the Parties have respectively executed the original and counterpart of this Agreement on the date first above written.

SIGNED BY THE GOVERNMENT OF THE]
REPUBLIC OF GHANA acting by]
ESTHER OBENG DAPPAH, the Minister]
of Lands, Forestry and Mines who by this]
execution warrants to the other party that he]
is duly authorized and empowered to enter]
into this Agreement in the presence of:]

....

CHIEF DIRECTOR
MINISTRY OF LANDS, FORESTRY & MINES

....

HON. MINISTER
MIN. OF LANDS, FORESTRY
AND MINES
P. O. BOX MB 212, ACCRA

SIGNED BY THE WITHIN-NAMED]
XTRA-GOLD MINING LIMITED]
acting by its Chief Executive/Managing Director]
who by this execution warrants to the other]
party that he is duly authorized and]
empowered to enter into this Agreement in]
the presence of:]

XTRA-GOLD MINING LIMITED
P. O. BOX C-5239
CANTONMENTS, ACCRA

VICTOR MHLAMSA
....
DIRECTOR/SECRETARY

JAMES LONGSHORE
....
MANAGING DIRECTOR

OATH OF PROOF

I, George Banful .... of ACCRA make oath and say that on the 18th day of December 2008 I was present and saw **ESTHER OBENG DAPPAH**, Minister of Lands, Forestry and Mines duly execute the Instrument now produced to me and marked "A" and that the said **ESTHER OBENG DAPPAH** can read and write.

SWORN at Accra, this 10th day of March 2009

BEFORE ME

REGISTRAR
HIGH COURT,
ACCRA

REGISTRAR OF LANDS

DEPONENT

This is the Instrument Marked "A" Referred to in the Oath of George Banful

Sworn before me this 10th day of March 2009

REGISTRAR
HIGH COURT,
ACCRA

REGISTRAR OF LANDS

CERTIFICATE OF PROOF

On the 10th day of March 2009 at 8.00 O'clock in the fore noon this Instrument was proved before me by the Oath of the within-named to have been duly executed by the within-named **ESTHER OBENG DAPPAH** for and on behalf of "the Government" of the Republic of Ghana for Lessor herein.

....

REGISTRAR OF LANDS

REGISTRAR
HIGH COURT.
ACCRA

Dated this 18th day of January 2008

GHANA LAND REGISTRY
Registered No. 24/2009
Registrar of Lands

GOVERNMENT OF THE REPUBLIC OF GHANA

AND

XTRA-GOLD MINING LIMITED

MINING LEASE

TERM: SEVEN (7) YEARS

COMMENCEMENT: 18/12/2008

EXPIRY DATE: 17/12/2015

FILE NO: PL.5/142

G. Banful
Accra 3,000
17th day of March 2009

SOLICITOR OF THE
SUPREME COURT
GHANA

Cap. 668 133 U/A 51

247.4 Two Hundred and Forty-Seven Ghana (cedis)
2009-03-11

10 MAR 2009

Tel: (021) 664697 / 664698,
662465 / 667524
Fax: 233 (021) 662690

Email: support@epaghana.org

Environmental Protection Agency
P. O. Box M 326
Ministries Post Office
Accra, Ghana

OUR REF.: CM/E/976/2

24[TH] SEPTEMBER 2012

THE MANAGING DIRECTOR
XTRA GOLD MINING LIMITED
P.O.BOX CT 5239
CANTONMENTS ACCRA

WITHOUT PREJUDICE

INVOICE

RE: APPLICATION FOR ENVIRONMENTAL PERMIT TO UNDERTAKE PROSPECTING- AKIM APAPAM CONCESSION IN THE EAST AKIM DISTRICT OF THE EASTERN REGION

REF: SERIAL NO. EPA/ME/1128/12

The Agency has reviewed the information provided in your application in accordance with LI 1652, seeking for Environmental Permit to undertake prospecting in your Akim Apapam Concession in East Akim District of the Eastern Region.

In line with the Fees and Charges (Amendment) Instrument, 2011 (LI 1986), your company is required to pay Seven Thousand Two Hundred Ghana Cedis (GH¢7,200) by bankers' draft made payable to the Environmental Protection Agency latest by three (3) months from the date of this letter (i.e. 24[th] December 2012).

Please present this invoice letter with the bankers' draft when making payment.

Yours faithfully,

ALISANDOWMBILAY

MICHAEL ALI SANDOW
PRINCIPAL PROGRAMME OFFICER
FOR: AG EXECUTIVE DIRECTOR

ENVIRONMENTAL PROTECTION AGENCY
PAID
27 SEP 2012
Code 100
HEAD OFFICE, ACCRA

16 Appendix 2 - Resource Estimation Report

Xtra-Gold Resources Corp.

KIBI GOLD PROJECT

Ghana, West Africa

INDEPENDENT MINERAL RESOURCE ESTIMATION

(Independent Technical Report Appendix Three)

PREPARED BY:

The West African geological consultancy group

SEMS EXPLORATION

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17 Orphan Crescent, Labone
Accra Ghana
www.sems-exploration.com

Independent Mineral Resource Estimation

Kibi Gold Project
Ghana, West Africa

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Web Site: *www.sems-exploration.com*

26th October 2012

Compiled by:

....
Andrew Netherwood (AusIMM)
Mining Engineer

....
Joe Amanor (Aus IMM)
Consultant Geologist

....
Simon Meadows Smith (IOM3)
Managing Director

EXECUTIVE SUMMARY

SEMS Exploration Services Ltd's (SEMS) Qualified Persons have completed a Mineral Resource Estimation on the gold ore bodies located in prospecting zones two and three of the Apapam Concession (also known as the Kibi Gold Project) near Kibi in the Eastern Region of Ghana. The estimate has been classified using guidelines compliant with the Canadian Securities Administrators National Instrument 43-101.

Recent drilling campaigns by Xtra-Gold Resources Corp. ("Xtra-Gold") have resulted in the discovery of mineralised quartz vein sets hosted in belt-type granitoids within the Apapam Mining Lease. Granitoid-hosted mineralisation accounts for the majority of the identified gold occurrences of potentially economic significance on the concession and is the current focus of Xtra-Gold's exploration efforts.

Over 20 significant gold occurrences hosted by Belt (Dixcove) and Basin (Cape Coast) type granitoids are known in Ghana, with a number constituting significant deposits. These deposits represent a relatively new style of gold mineralisation for orogenic gold deposits within the West African Birimian terrain.

Belt-type, intrusive hosted gold deposits in Ghana include the Subika deposit at the Akyem mine, the Chirano deposits within the Sefwi gold belt, as well as the Hwini-Butre deposit at the southern extremity of the Ashanti gold belt.

Basin-type, granitoid hosted gold deposits include Perseus Mining's cluster of deposits at the Central Ashanti Gold Project in the Ayanfuri area and AngloGold-Ashanti's Ayankyerim and Nhyiaso deposits to the west of Obuasi, along the western flank of the Ashanti gold belt.

As opposed to the classical lode gold deposits of the Ashanti, Prestea, Bibiani and Konongo districts, which were discovered by Europeans during the gold rush of the late 1800s, all of the aforementioned granitoid-hosted gold deposits were discovered during the last 25 years.

Methodology employed in the mineral resource estimation process utilised a 3-dimensional wireframe model of mineralisation interpreted with a 0.5 g/t Au sample cut-off grade, defined on cross sections that ranged from just ten metre's to thirty metre intervals dependent upon drill line spacing. Summary statistics were determined using one metre sample intervals of gold values that locate within mineralised domains. An inverse distance cubed interpolation method was used to interpolate grades into the mineral resource model.

Mineral resource classification was carried out using solid wireframes to flag blocks as indicated or inferred. Although some zones have been intensely drilled, SEMS considered that no blocks could be classified as measured at the present level of structural confidence.

Identified mineral resources on the concession remain open in several directions and there is the potential to define other mineral resources on the property. SEMS considers the project has reasonable prospects for eventual economic extraction due to its grade, quantity, and nature of mineralisation.

Table one below summarises the Mineral Resource estimates at 0.5 g/t Au block cut-off grades for the Kibi ore body as currently defined.

	TONNAGE	GRADE	CONT'D GOLD
	Tonnes (million)	(Au g/t)	(Ounces)
Indicated	3.38	2.56	278,000
Inferred	2.35	1.94	147.000

Table One: Mineral Resource estimate (>0.50 g/t Au) – September 2012 - for the Kibi ore body.

KIBI GOLD PROJECT

MINERAL RESOURCE ESTIMATION REPORT

TABLE OF CONTENTS

1 MINERAL RESOURCE ESTIMATES

1.1 Historical Mineral Resource estimates

There are no previous mineral resource estimates for the Kibi Gold Project.

1.2 Mineral Resource Estimate, 2012

In July to October 2012 SEMS undertook a Mineral Resource estimate for Zones 2 and 3 of the Kibi Gold Project, based on all exploration drilling completed as of June 2012. The Mineral Resource estimate has been prepared in compliance with the Definitions and Guidelines of the Canadian Institute of Mining, Metallurgy and Petroleum ("CIM Standards"), and has been managed by SEMS Qualified Persons. All work was carried out using *Datamine* software. Data has been verified in accordance with standard QA-QC procedures.

The current mineral resource database is made up of 256 drill holes covering sampling zones 1 to 4 of the Apapam Concession (Figure one). Ninety percent (90%) of these holes occur in zones 2 and 3. Within zones 2 and 3, five separate mineralised bodies have been defined by 190 drill holes of which 88% are diamond-drilled metres. The five deposits comprise two major deposits referred to as Big Bend and East Dyke, comprising 75% of the mineral resource, and three minor deposits referred to as Mushroom, South Ridge, and Double 19.

The five deposits cover a combined strike length of 1.6 kilometres with separations between the mineral resource areas varying from almost contiguous to 200m for four of the deposits occurring in zone 2 and the fifth deposit of Double 19 lying 500m to the southwest in zone 3 (Figure one).

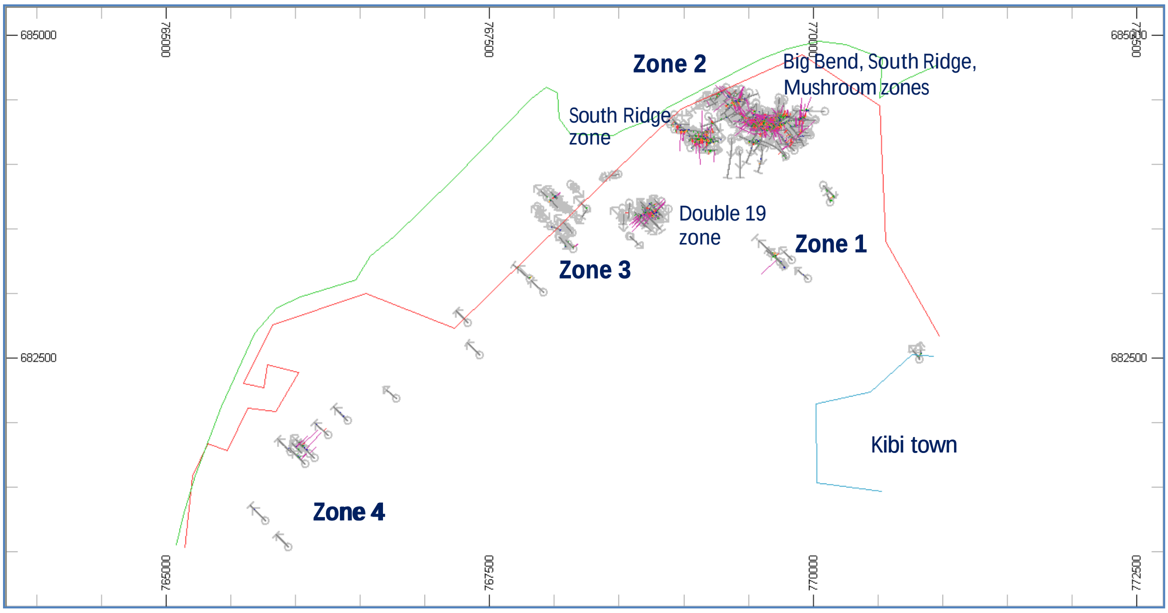


Figure One: Drill-hole locations showing deposits and zones, with Licence boundary (red) and Forest Reserve boundary (green) - (northern half of Apapam Concession)

The remaining drilling is either scattered and isolated from main mineralisation trends or incomplete, and is currently insufficient for mineral resource estimation. Drilling is predominantly diamond core drilling (90%) with the remainder being reverse circulation (RC) drilling. A total of 350 trenches are also part of the database (2/3's of which have assays, with the remainder either un-sampled, or utilised mainly for planning drill holes), of which 106 lie within modelled areas.

Block models of the mineralisation were created for each of the five deposits. Modelling of the different mineralised bodies was achieved in two different formats. The main deposits of Big Bend and East Dyke were modelled by sectional digitising of ore outlines from 10 to 50 metre intervals (average 20m), dependent upon drill section spacing and continuity. In particular the fanning of drill hole paths and occasional cross drilling often necessitated intermediate sections especially at Big Bend where the ore body is often irregular and structurally complex.

The remaining three minor deposits were modelled using an automated method (*Leapfrog* software).

Gold grades for all the reported mineral resource models have been determined using inverse distance cubed interpolation, and classified into measured, indicated, and inferred dependent on drill section interval and sample proximity.

1.3 Approach

The Mineral Resource has been constrained to several geological domains that limit the influence of grade interpolation. This is particularly relevant where secondary ore shoots parallel the main ore-body. Individual search ellipsoids were assigned to each domain. Additionally, the Mineral Resource has been constrained to the diorite body, which is the predominant host rock of the mineralisation. Digitised mineral resource outlines on each section have been wire-framed to represent the continuation of the ore body (Figure two). Block models were created from the wireframes to which attributes such as grade, density, oxidation state and classification are assigned.

In generating the mineral resource models for the main mineralised bodies, the approach is described briefly below:

- Drill-hole and trench data (*Excel* files) were loaded into and validated using *Datamine*. [The data is actually stored by Xtra-Gold in a database (see other report) where it has been validated by external auditors.]
- Modelling of the mineralised zones was achieved by sectional digitising of ore outlines at various different spacings, employing a 0.5 g/t Au cut-off grade but ensuring continuity between sections. A minimum width of two metres down-hole intersection length was used. Generally the mineralisation is clearly defined with a distinct cut-off.
- The diorite lithological model was used as a guide to constrain mineralisation interpretations.
- End sections were extended either half the local section interval or a maximum of 20m.
- Mineralised zones were further separated into domains (separate structures) for the purposes of assigning individual estimation parameters and to prevent cross interpolation of samples between these domains.
- The digitised outlines of mineralisation were used as a basis for the creation of wireframes (Figure two).
- Where the mineral resource models were created by Leapfrog software, the approach was similar to above with the factors of anisotropy, search directions,

and maximum linking distances being applied to the software parameters in a similar fashion to grade interpolation.

- *Leapfrog* models went through several iterations and refinements before being accepted. This involved visual checking of close spaced sections, comparison to manual interpretation, and elimination of excessive outliers.
- All the assays within the mineralised zones were composited to constant 1.0 metre lengths before undertaking statistical analyses on the gold grades per zone. Histograms were generated to determine an appropriate top cut, and semi-variograms were calculated for different mineralised zones using the composite values.
- A DTM model of the topographical surface was supplied by Xtra-Gold
- Block models of the various zones were created within the mineralised solids, depleted to the topography, and densities set according to oxidation surfaces. The blocks were assigned grades using inverse distance cubed.
- Where the model was extended beyond available information, the distinction between 'Indicated' and 'Inferred' resources was made at approximately 35 metres respectively from the nearest drill hole sample within areas showing geological and grade continuity. In addition, for areas where the interpretation is based on limited data, the resource blocks were classified as 'Inferred'.

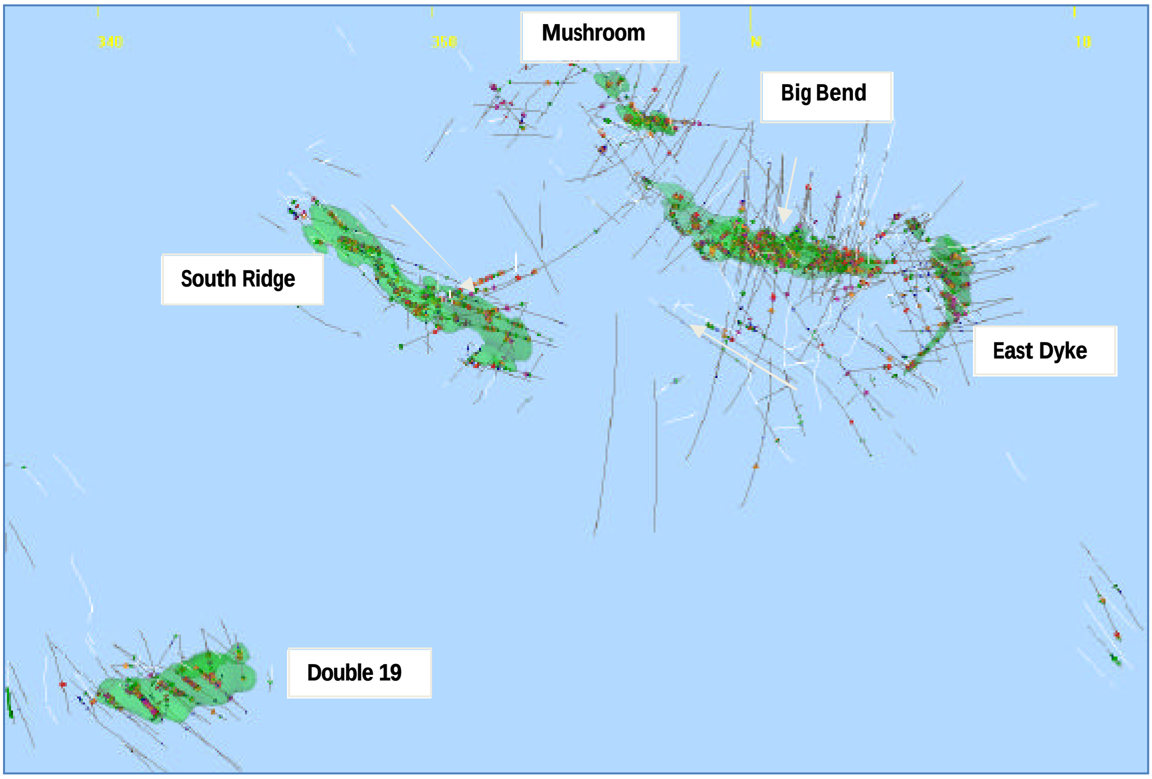


Figure Two: Mineral resource wireframe models and drill-hole traces (plan view)

1.4 Data Received

The following data was received from Xtra-Gold during June, July, and September 2012:

- Drill hole and trench database, comprising collars, surveys, assays, and lithologies for all holes and trenches available up to June 2012, in *Excel* format
- "*Leapfrog*" mineralised models, generated by Xtra-Gold, for each deposit
- Wireframe lithological model for the diorite body
- Wireframes of oxidation states for Regolith, Transition, and Fresh rock
- Topography DTM model
- Density test work data
- Independent QAQC report on the drilling programs
- QAQC data for the drill holes

The drill hole files were validated and imported into *Datamine*, and a final de-surveyed drill hole file created. In general the data was clean. DTM, wireframe and *Leapfrog* models were imported in *Datamine* and checked.

1.5 Density Determination

Density testwork on oxidised, transitional, and primary mineralisation from recent drilling has been carried out on site by Xtra-Gold and verified by an independent laboratory (ALS Chemex, Kumasi). Almost 3,000 measurements have been recorded for primary material. The reported numbers relating to primary rock density are consistent and within expected values for Birimian lithologies such as those identified at Kibi.

On-going density measurement sampling is being conducted by Xtra-Gold to cover all new drilled zones.

Table two summarises the densities used in the estimation.

Material Type	Density
Oxide, upper	1.60
Transition	2.40
Sulphide	2.85

Table Two: Relative Density determination for all material types

1.6 Descriptive Statistics of Assay Data

Most ore-grade drill assays have been sampled on one metre intervals (global average 0.99 m for assays above cut-off), and therefore samples were composited to 1.0 metres prior to statistical analysis.

Summary statistics calculated for global unconstrained drill-hole data confined to the different deposits are presented in Table three.

Description	Number	No. Missing Values	Min (g/t)	Max (g/t)	Mean (g/t)	Var	SD	CoV
All drill hole data	42,584	535	0.003	272	0.25	3.37	1.86	7.4
Big Bend	12,639	130	0.003	45.5	0.34	1.96	1.40	4.1
East Dyke	4,574	106	0.003	42.4	0.25	1.97	1.43	5.7
Mushroom	4,473	57	0.003	272	0.26	18	4.2	16
South Ridge	5,550	34	0.003	40.8	0.27	1.49	1.22	4.7
Double 19	4,616	58	0.003	39.8	0.27	2.06	1.44	5.3

Table Three: Summary of raw drill hole statistics

The wireframe mineral resource model was used to select one metre composite samples within the ore zone for analysis and later grade interpolation. Summary statistics, histograms, log histograms, and log-probability plots were generated on the composites. An assay top cut of 20 g/t was determined based on these graphs for all zones (Figure three, Figure four).

Summary statistics for the selected composited data inside the ore-body wireframe are presented in Table four.

Description	Number	No. Missing Values	Min (g/t)	Max (g/t)	Mean (g/t)	Var	SD	CoV
All selected composites		1	0.0	44.2	1.87	8.5	2.93	1.6
Big Bend	1,825	16	0.003	45.5	2.03	9.4	3.1	1.5
Big Bend – cut				20.0	1.99	7.4	2.7	1.4
East Dyke	259	0	0.003	42.4	3.86	23	4.8	1.2
East Dyke - cut				20	3.72	17	4.1	1.1
Mushroom	359	44	0.006	272	2.94	243	16	5.3
Mushroom - cut				20	2.04	7.8	2.8	1.4
South Ridge	1,065	28	0.003	19.5	1.32	4.5	2.1	1.6
Double 19	513	1	0.005	25.1	2.35	13.5	3.7	1.6
Double 19 – cut				20	2.32	12.4	3.5	1.5

Table Four: Summary statistics of selected 1m composite samples

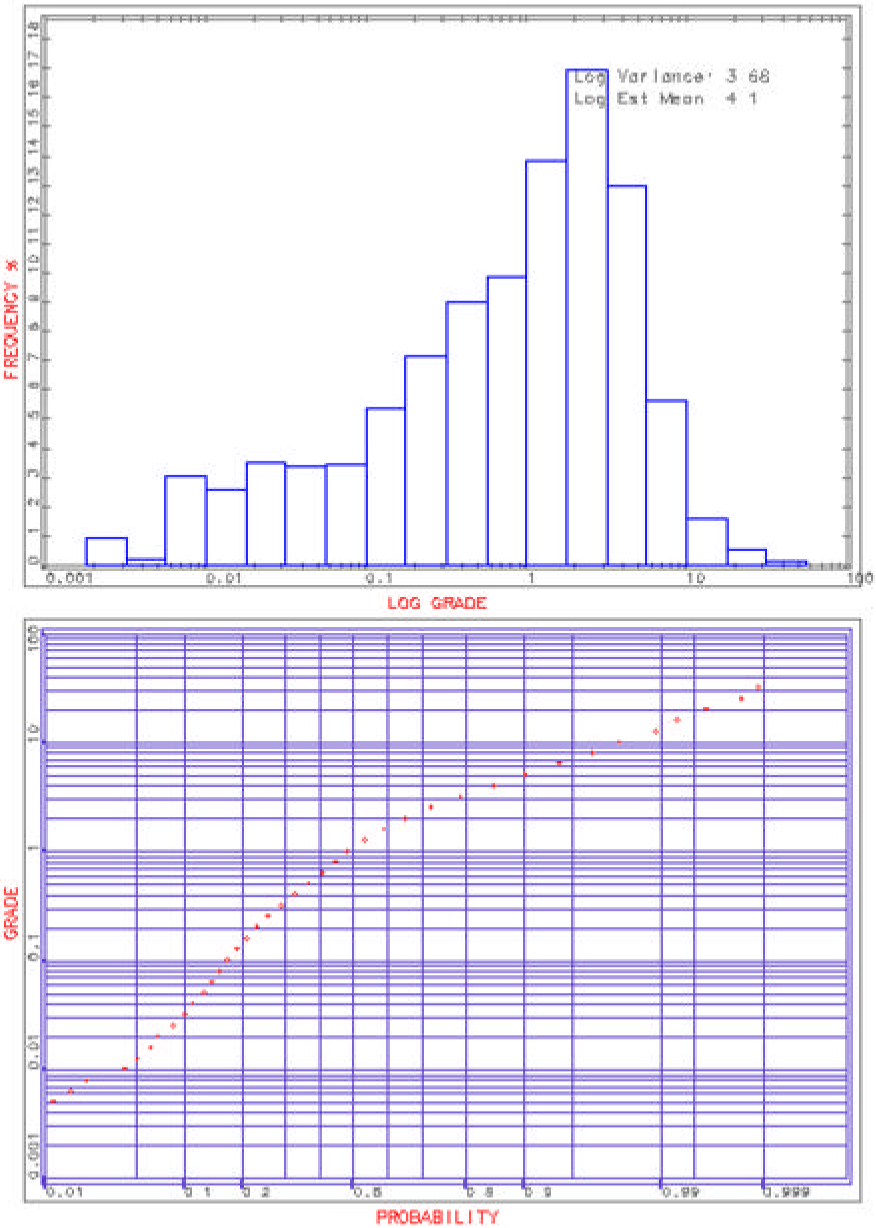


Figure Three: Big Bend - log-histogram and log-probability graphs for selected assay composites

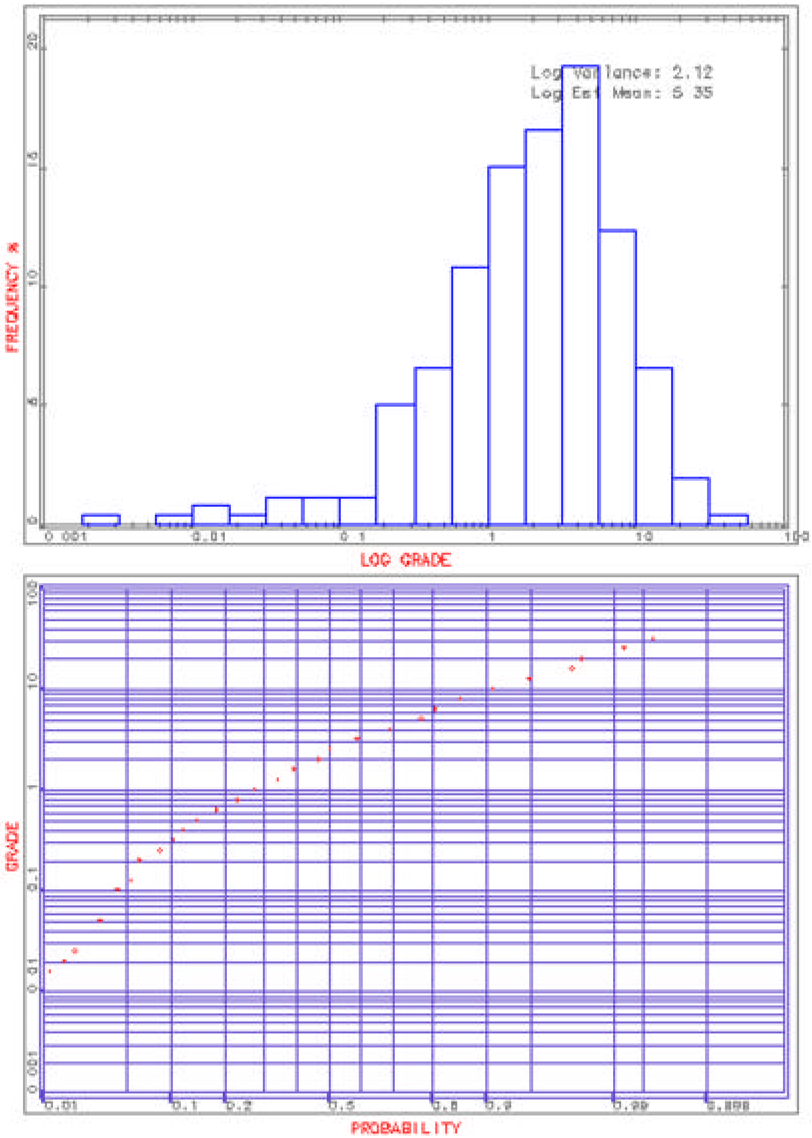


Figure Four: East Dyke - log-histogram and log-probability graphs for selected assay composites

1.7 Modelling and Grade Estimation

A parent cell block size of 5 x 5 x 5 metres (X,Y,Z) was used for the ore body block models. For the main deposits of Big Bend and East Dyke, the model has been defined within the geographical limits listed in Table five.

	Min	Max	Range	Cell Size	Cell No.
East	769,400	769,970	570	5	114
North	684,120	684,430	310	5	62
RL	80	580	500	5	100

Table Five : Block model parameters

Search ellipses for grade interpolation were orientated according to the main trends of the mineralisation, along strike and down dip. Grade interpolation was carried out using Inverse Distance cubed. Only the selected one metre composites were used for the estimation.

The ore zone search ellipsoids were created with 35 m x 35 m x 12 m in the down dip, strike and minor width directions respectively. Blocks that fell outside of the first pass ellipsoid were re-estimated in two further passes each with successively relaxed search ellipsoids, and flagged for later classification at lower levels. The grade estimation parameters are given in Table six.

Parameter	Big Bend	East Dyke	Minor Deposits
Assay top cut (g/t)	20	20	20
Strike direction (^{0})	110-135	40,0,160	120-135
Dip (^{0})	40-55 NE	70-80 SE/NE	45-60
Plunge (^{0})	50	-	-
Pass 1 Search Radius x (m)	35	35	35
Pass 1 Search Radius y (m)	35	35	35
Pass 1 Search Radius z (m)	12	12	12
Min No. samples	2	2	2
Max No. samples	20	20	20

Table Six: Grade Estimation Parameters

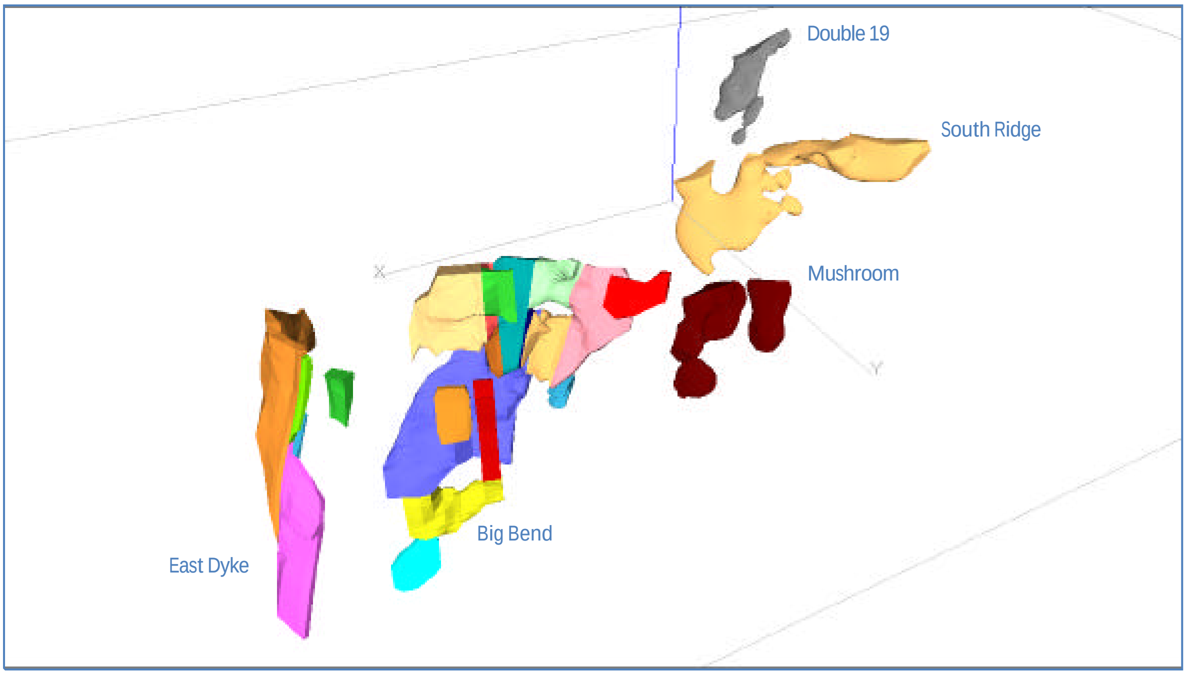


Figure Five: Wireframe ore models showing different domains and deposits by colour

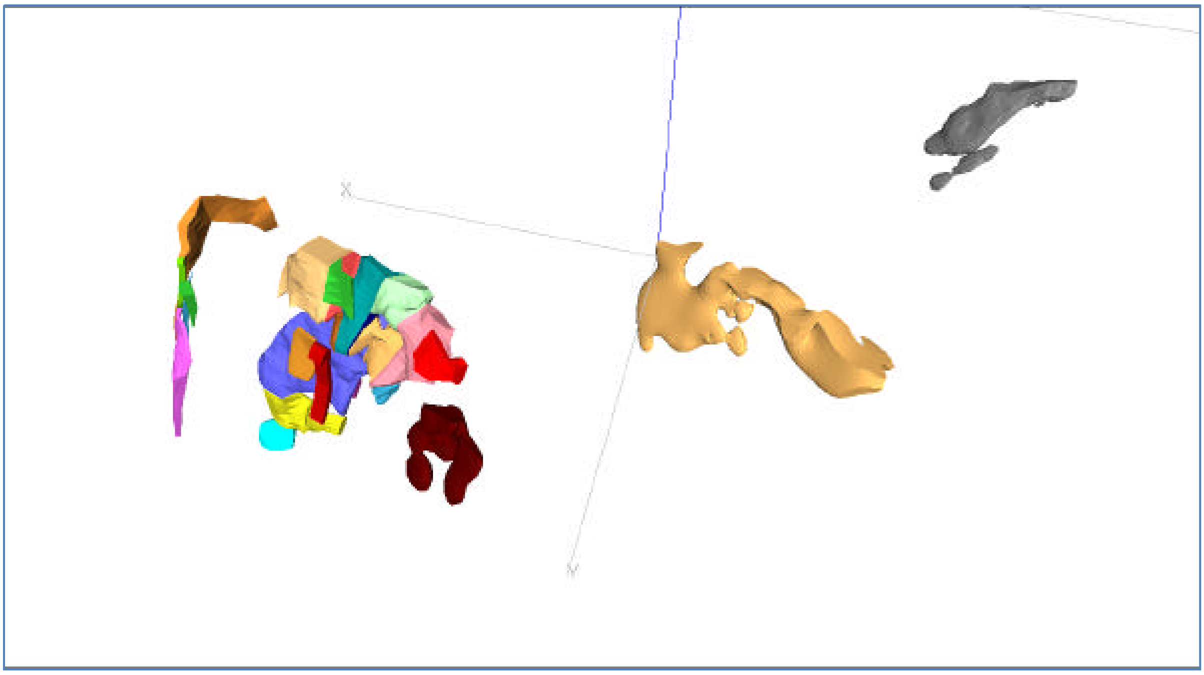


Figure Six: Wireframe ore models showing different domains and deposits by colour

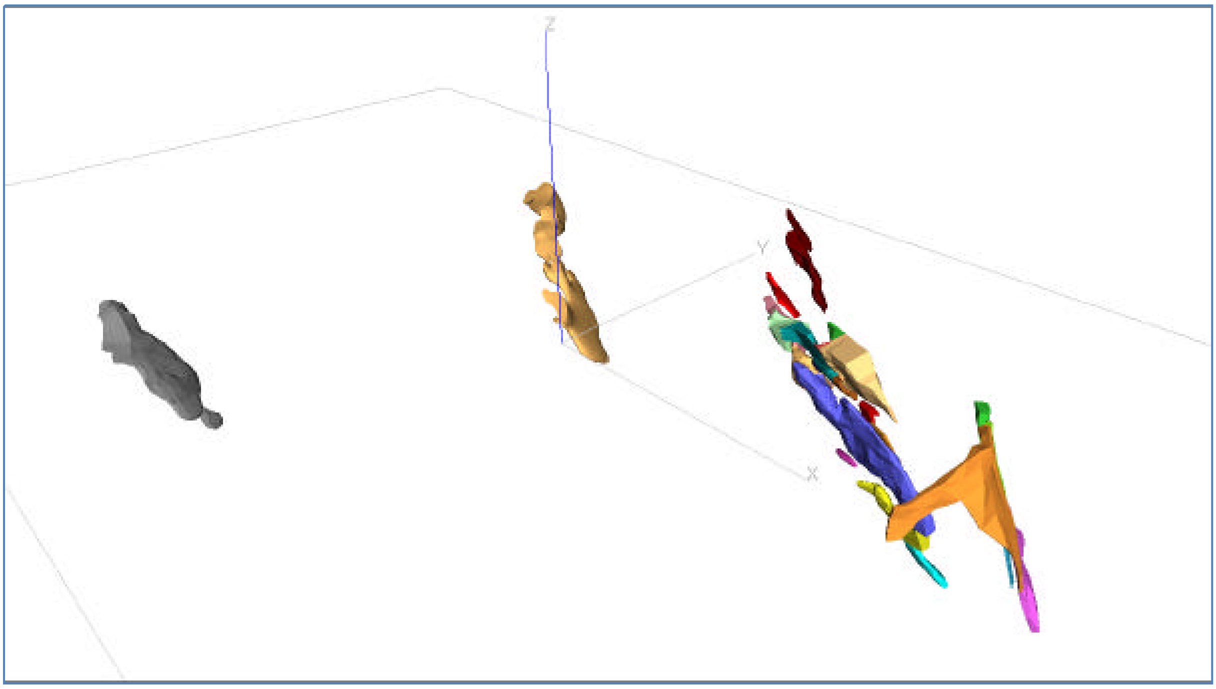


Figure Seven: Wireframe ore models showing illustrating relative strikes and dips

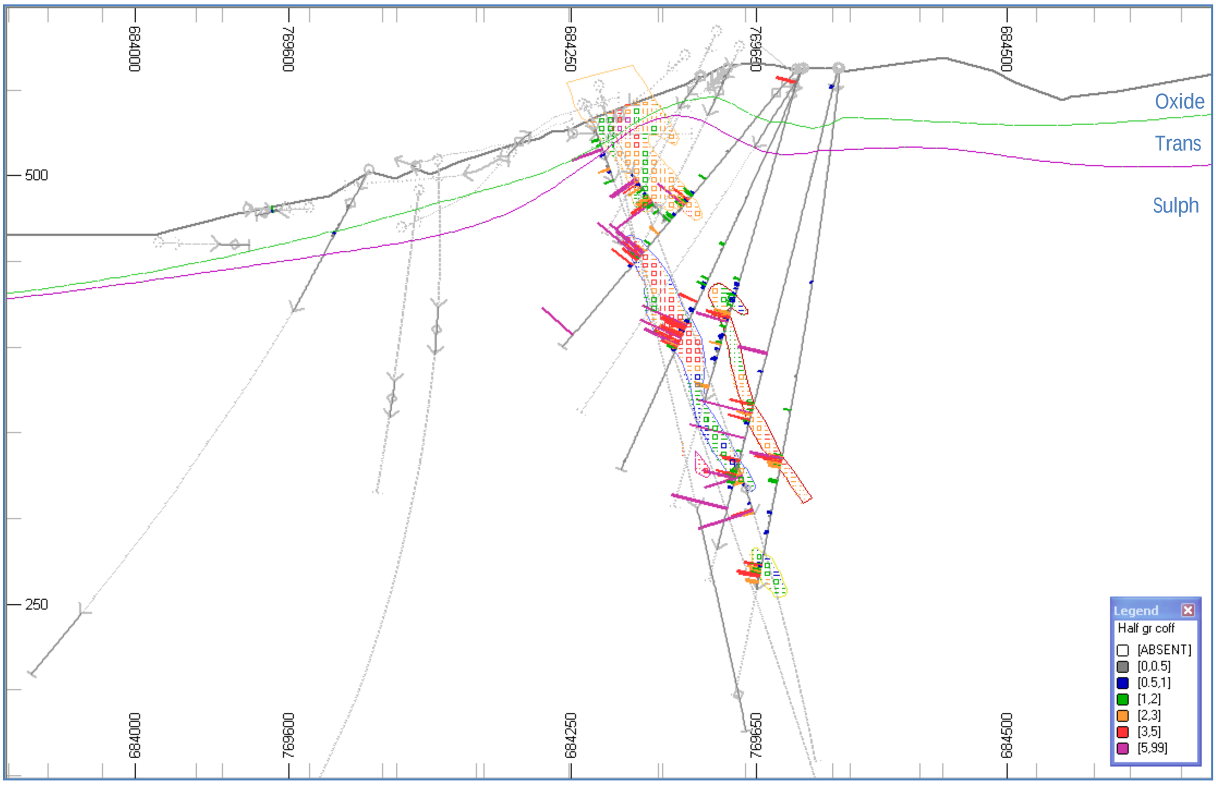


Figure Eight: Cross section through Big Bend central - looking west

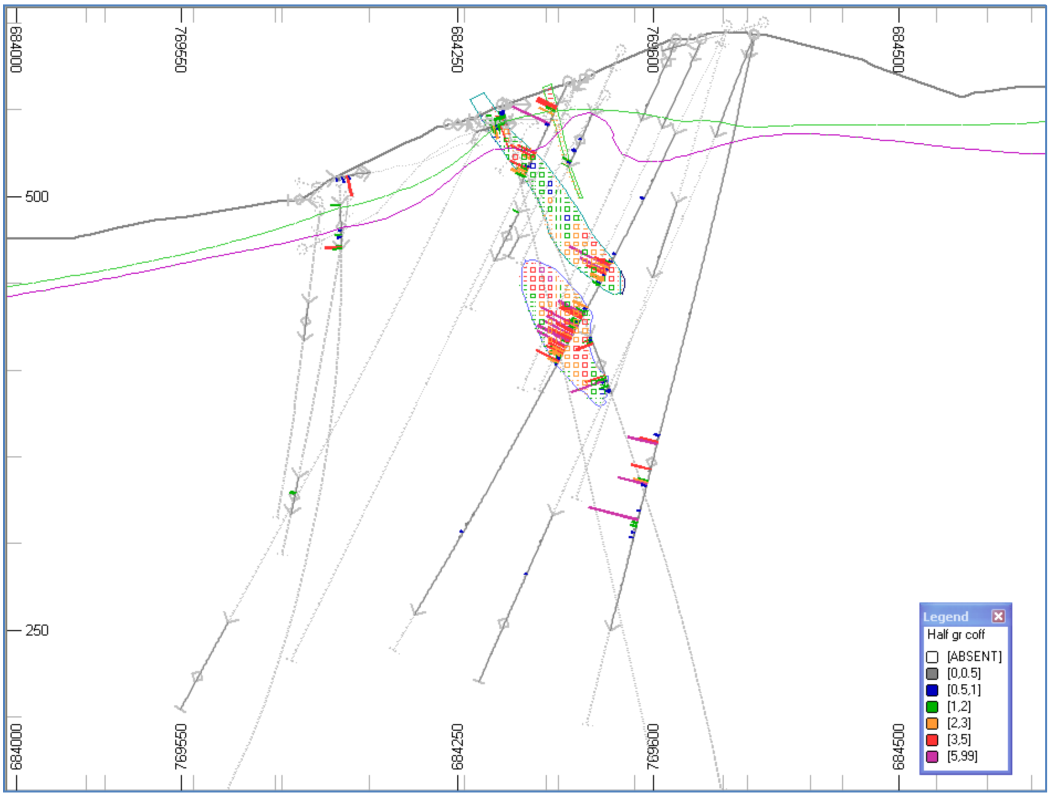


Figure Nine: Cross section through Big Bend central - looking west

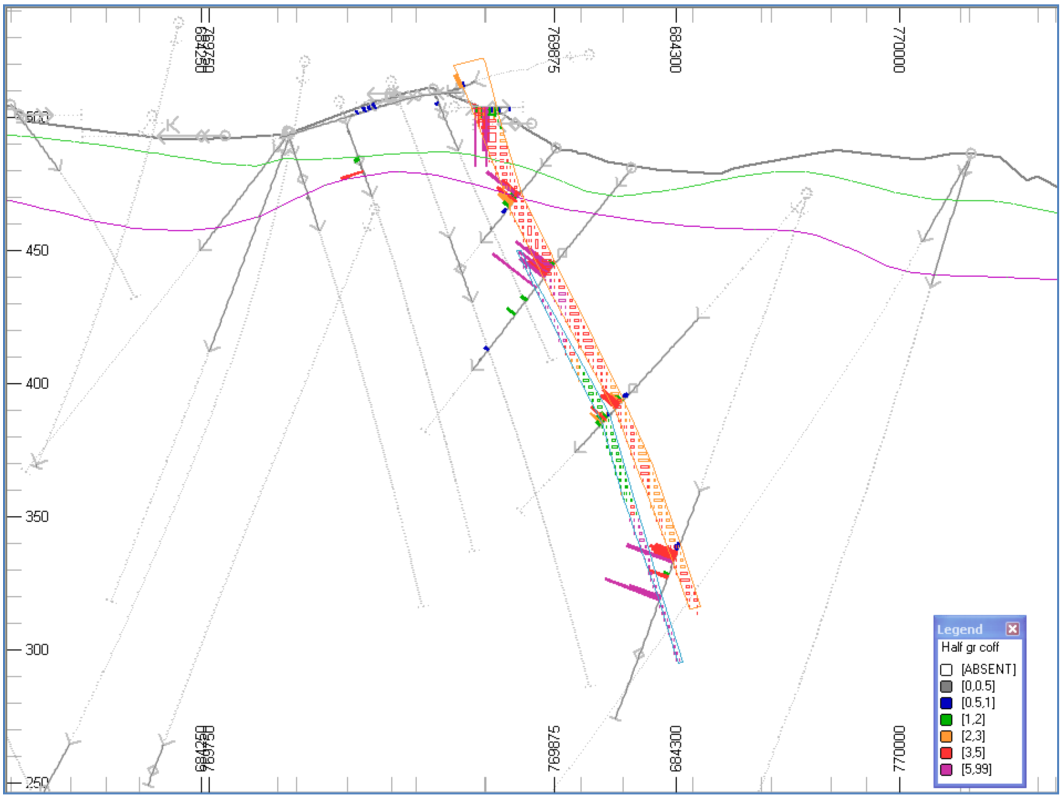


Figure Ten: Cross section through East Dyke central - looking north

1.8 Mineral Resource Classification

The mineral resources have been classified according to Canadian Securities Administrators National Instrument 43-101. Classifications should be consistent with the potential economic viability criteria of the code relating to economic evaluation.

SEMS is satisfied that the data is sufficiently reliable and the geological modelling sufficiently robust to be able to apply a resource classification as part of the resource estimation.

Mineral resources have been divided into Indicated and Inferred blocks. The data density, data reliability and quality, and continuity of mineralisation in areas where drill holes were heavily developed, determine how the resource can be classified into areas of a particular level of confidence. In this classification:

- The Big Bend deposit is the most heavily drilled and while drill spacing averages 40m fanning of drill holes has resulted in much closer concentrations of sample data. Most of the drilling is diamond core drilling. While the overall continuity of mineralisation is good, there are still areas where structural continuity is still unclear. SEMS considers that blocks estimated within the first and second passes of estimation may be considered as indicated, and remaining blocks as inferred, subject to maximum depth and sample isolation criteria (Figure eleven).

- In the East Dyke deposit the section spacing is from 20 - 50m, sections are generally regular but often don't have sufficient holes to demonstrate continuity or are more widely spaced vertically. SEMS considers that this deposit may be classified in the indicated or inferred categories depending on the estimation pass, subject to maximum depth and sample isolation criteria(Figure eleven).
- In the Mushroom, South Ridge, and Double 19 deposits, full definition drilling is yet to be concluded. Currently drilling orientations are not optimal and the mineralised structure is not fully defined, leading to uncertainties in the continuity of the ore body. For this reason SEMS considers that blocks estimated within the first three passes of estimation may be classified as inferred.

In conjunction with the above rules, the Table seven indicates the search distances applied to the model blocks to determine mineral resource classifications.

Classification	Search Ellipse (m)
Indicated	Within 35 x 35 x 12
Inferred	Beyond 35 x 35 x 12

Table Seven: Mineral Resource classification search distances

Additional representative drill sampling might raise some or part of a particular category to the next level.

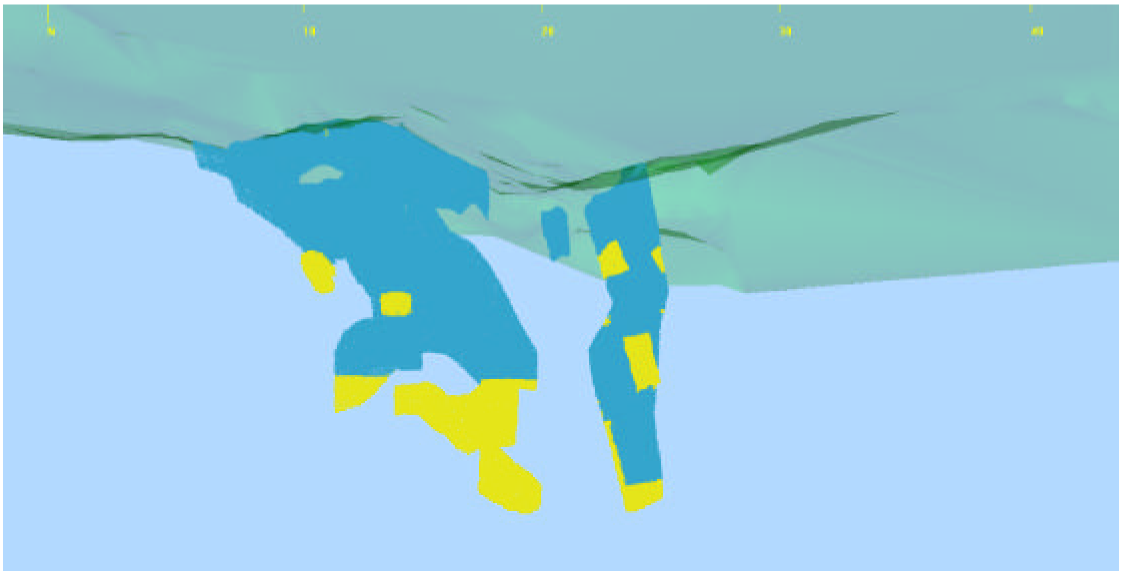


Figure Eleven: Big Bend and East Dyke Resource Model coloured by Classification code (looking north) (indicated – blue; inferred – yellow)

1.9 Mineral Resource Statement

Taking into account the grade, quantity and characteristics of the Kibi Gold Project mineral resources, SEMS considers there are reasonable prospects for the eventual economic extraction of ore, primarily by open pit mining.

Mineral resources have been reported at a 0.5 g/t cut-off grade, taking into account current economic conditions and typical likely costs and parameters of open pit extraction.

Tables eight and nine below summarise the Identified Mineral Resources for the combined deposits at a 0.5 g/t Au cut-off, minimum 2 m width, and 20 g/t top cut.

CLASS	TONNAGE Tonnes (million)	GRADE (Au g/t)	CONT'D GOLD Ounces
Indicated	3.38	2.56	278,000
Inferred	2.35	1.94	147,000

Table Eight: Identified Mineral Resource @ 0.5 g/t Au cut-off

MATERIAL TYPE	CLASS	TONNAGE Tonnes (million)	GRADE (Au g/t)	CONT'D GOLD Ounces
Oxide	Indicated Inferred	0.18 0.25	3.27 1.92	19,000 16,000
Transition	Indicated Inferred	0.23 0.26	2.93 2.30	22,000 19,000
Fresh	Indicated Inferred	2.97 1.84	2.48 1.89	237,000 112,000

Table Nine: Mineral Resource Estimates by Material Type @ 0.5 g/t Au cut-off

DEPOSIT	CLASS	TONNAGE Tonnes (million)	GRADE (Au g/t)	CONT'D GOLD Ounces
Big Bend	Indicated Inferred	2.72 0.52	2.44 1.60	213,000 27,000
East Dyke	Indicated Inferred	0.65 0.08	3.04 4.37	64,000 11,000
Mushroom	Inferred	0.25	2.31	19,000
South Ridge	Inferred	0.90	1.48	43,000
Double 19	Inferred	0.61	2.43	48,000

Table Ten: Mineral Resource Estimates by Deposit and Classification @ 0.5 g/t Au cut-off

DEPOSIT	MATERIAL TYPE	CLASS	TONNAGE Tonnes (million)	GRADE (Au g/t)	CONT'D GOLD Ounces
Big Bend	Oxide	Indicated	0.12	2.82	11,000
		Inferred	-	-	-
	Transition	Indicated	0.16	2.63	13,000
		Inferred	-	-	-
	Fresh	Indicated	2.45	2.41	189,000
		Inferred	0.51	1.60	27,000
East Dyke	Oxide	Indicated	0.06	4.08	9,000
		Inferred	-	-	-
	Transition	Indicated	0.07	3.58	8,000
		Inferred	-	-	-
	Fresh	Indicated	0.52	2.84	47,000
		Inferred	0.08	4.37	11,000
Mushroom	Oxide	Inferred	0.07	2.55	5,000
	Transition	Inferred	0.01	1.88	1,000
	Fresh	Inferred	0.17	2.25	12,000
South Ridge	Oxide	Inferred	0.17	1.60	9,000
	Transition	Inferred	0.12	1.43	5,000
	Fresh	Inferred	0.61	1.46	29,000
Double 19	Oxide	Inferred	0.01	3.37	1,000
	Transition	Inferred	0.13	3.11	13,000
	Fresh	Inferred	0.47	2.22	34,000

Table Eleven: Mineral Resource Estimates by Deposit, Material Type, and Classification @ 0.5 g/t Au cut-off

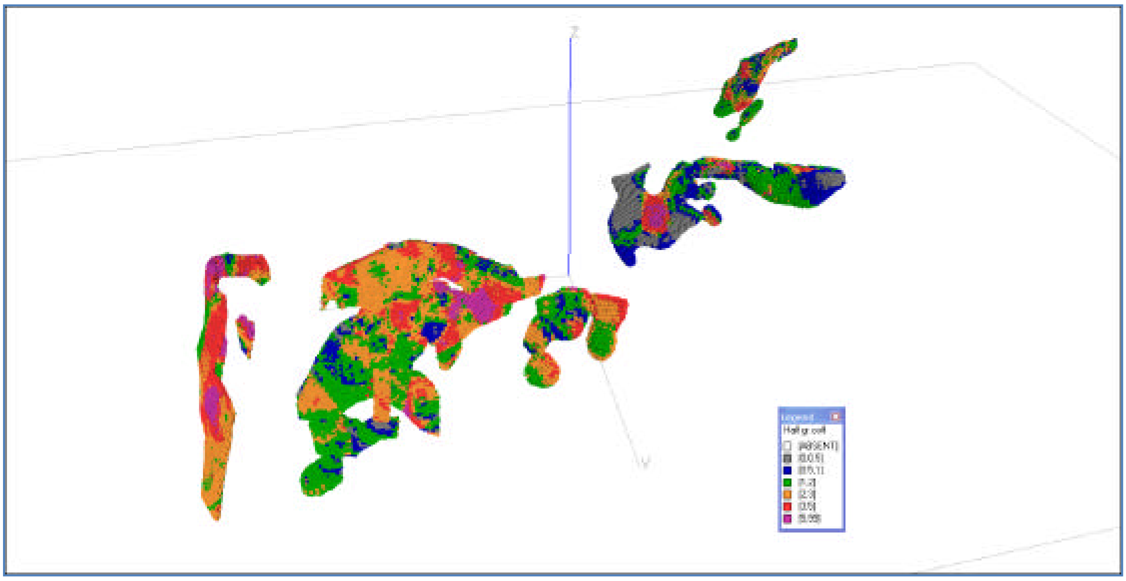


Figure Twelve: View of the Kibi mineralised model, coloured by grade – looking South

Grade-tonnage curves for the modelled resources, using variable Au cut-off increments, are presented in figure thirteen below. It should be noted that this does not represent a mineral resource statement and is only to illustrate sensitivity of block model resources to reporting cut-off grade.

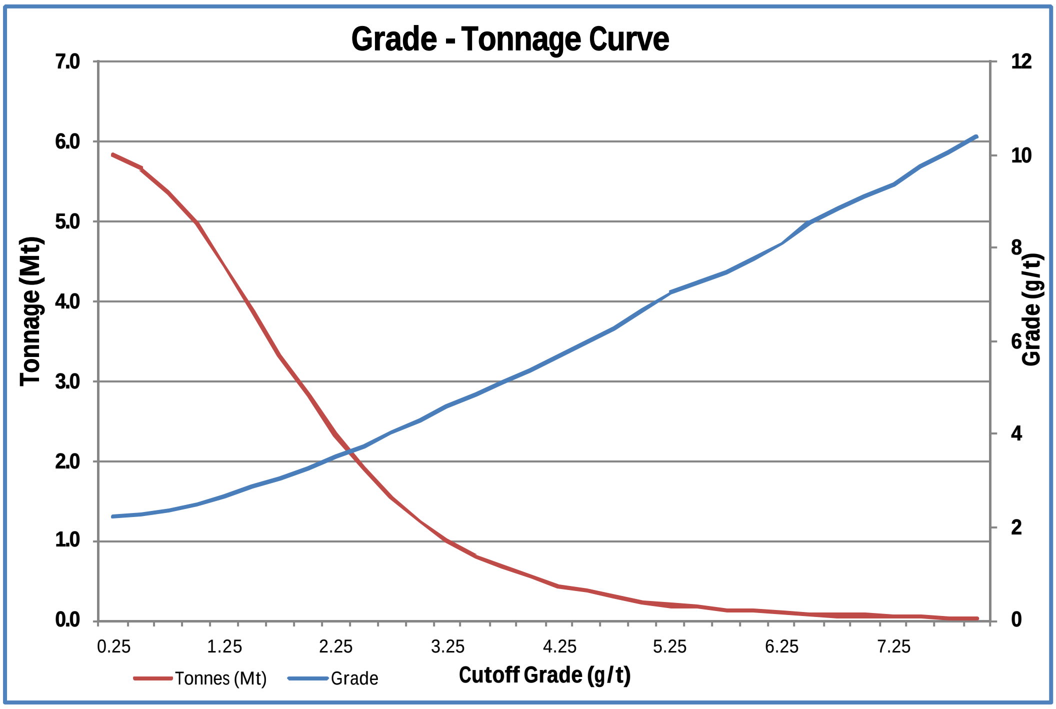


Figure Thirteen: Grade-tonnage curves for the Identified Mineral Resources

2 METALLURGICAL TESTWORK

In October 2011 SGS South Africa (Pty) Ltd undertook a Gold Deportment Study on two samples of oxide and sulphide material. Both samples weighed approximately 10kg. The objective of the study was primarily to gain an understanding of the nature and mode of occurrence of the gold. A range of tests were conducted including amenability to gravity recovery, gold size analysis, chemical and mineralogical characterisation, gravity concentrate grain size distribution and tails deportment, and amenability to recovery by direct cyanidation.

The recovery test work by gravity and cyanidation was not the main focus of the study and should be considered preliminary. Results indicated a high amenability to gravity upgrading (over 50% for oxide and over 60% for sulphide), and also indicated a high amenability to cyanidation leaching (> 95% recoverable on gravity tails).

While the outcome of this preliminary test work is positive, it must be considered an indication only, as the sample size is very small and could not be considered representative of the deposits as a whole. Additionally, more comprehensive test work would be necessary in order to make an estimate of overall metallurgical recoveries.

3 INTERPRETATIONS AND CONCLUSIONS

The maiden mineral resource estimation for Xtra-Gold's Apapam Concession has identified five deposits that collectively host 278,000 ounces at an average grade of 2.56 g/t in the Indicated category and 147,000 ounces at an average grade of 1.94 g/t in the Inferred category.

Over 75% of the indicated mineral resource occurs within the Big Bend deposit, located in zone two. The remaining indicated mineral resource is contained within the East Dyke deposit. Both of these deposits extend to 350 metres beneath the topography surface.

The other three deposits are smaller, shallower and less advanced from an exploration perspective and their mineral resources have been classified as inferred.

Gold mineralisation within the mineral resource is predominantly hosted in mineralised quartz vein sets hosted in belt-type granitoids.

The mineral resource is classified as either Indicated or Inferred for the two main deposits of Big Bend and East Dyke. This is largely due to uncertainties in grade and structural continuity at the current drill hole spacing.

SEMS is of the opinion that the Kibi Gold Project hosts potential for the discovery and delineation of additional mineral resources.

4 RECOMMENDATIONS

It is recommended that Xtra-Gold continue with the company's current exploration strategy. Through further, well planned drilling it is envisioned that Xtra-Gold should increase the current mineral resource for the Kibi Gold Project.

There are a number of specific recommendations relating to the known mineral resource areas:

- Areas of structural uncertainty with respect to ore body continuation of the Big Bend mineral resource model need to be clarified by infill drilling.
- Sub-vertical drill holes at Big Bend which are often semi-continuously mineralised down hole need to be further tested for down-plunge extensions.
- Gaps in the drilling pattern at East Dyke should be in-filled, and the high grade shoots tested for continuation northwards.
- Drilling at each of the three minor deposits needs to be reassessed, so that drilling patterns and drill hole orientations can be optimised in the light of current information.
- The high grade but often abruptly terminated mineral resource zones at Double 19 require further investigation and the potential for a northwards [in terms of sections or geographic north?] continuation of these zones should be assessed.
- A detailed structural investigation of drill core through the five mineral resource zones will significantly enhance the company's understanding of the controls on mineralisation.

5 CERTIFICATES OF QUALIFICATION

The principle personnel responsible for the preparation and review of this report are Mr Andrew Netherwood, Mr. Simon Meadows Smith and Mr. Joe Amanor of the SEMS Exploration office in Accra, Ghana.

Certificates of Qualification signed by Andrew Netherwood, Simon Meadows Smith, and Joe Amanor are presented in this appendix.

CERTIFICATE of QUALIFICATION

To accompany the report entitled:

MINERAL RESOURCE ESTIMATE &
INDEPENDENT TECHNICAL REPORT ON KIBI GOLD PROJECT, GHANA
For Xtra-Gold Resources Corp. dated October 26th 2012

I, Andrew Netherwood, do herby certify that:

1. I reside at 10 Adembra Road, Cantonments, Accra, Ghana, West Africa.

2. I graduated from Otago University, New Zealand in 1986 with a BMinTech Degree in Mining Engineering. I have continually practiced my profession since that time.

3. I am a member of the Australasian Institute of Mining and Metallurgy with Membership number 100463.

4. I am a Mining Engineering Consultant permanently employed by SEMS Exploration Services Ltd, which is a West African based firm of consulting Geologists, Mining Engineers and Surveyors with contracts and work experience in Mali, Cote d'Ivoire, Burkina Faso, Ghana, Senegal, Liberia, Guinea, Sierra Leone and Congo. The company's head office is located at 17 Orphan Crescent, Labone, Accra, Ghana

5. I have 22 years of experience working on gold mines and with mining data in Africa and Australia primarily involved in mine design. I have been involved with several mineral resource calculations involving ore body modeling of shear hosted gold mineralized systems in West Africa and Western Australia since 1990.

6. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

7. I have not visited the Kibi Gold Project in Ghana.

8. I am a co-author of this Report. I am responsible for the creation of the block model using Datamine software.

9. As of the date of this Certificate, to the best of my knowledge, information and belief, the technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading

10. Neither I, nor any affiliated entity of mine, is at present, or under an agreement, arrangement or understanding expects to become, an insider, associate, affiliated entity or employee of Xtra-Gold Resources Corp. and / or any associated or affiliated entities.

11. Neither I, nor any affiliated persons or entity of mine, own, directly or indirectly, nor expect to receive, any interest in the properties or securities of Xtra-Gold Resources Corp. or any associated or affiliated companies. I am independent of the issuer as described in section 1.4 of NI 43-101

12. I have read NI 43-101 and the technical report has been prepared in compliance with NI 43-101

13. I consent to the filing of this Report with the relevant securities commission, stock exchange and other regulatory authorities as may be demanded, including general publication in hardcopy and electronic formats to shareholders and to the public.

Accra, Ghana
October 26th 2012

Andrew Netherwood, BMinTech, MAusIMM
Mining Engineer

CERTIFICATE of QUALIFICATION

To accompany the report entitled:

NI 43-101 REPORT ON KIBI PROJECT, GHANA
For Xtra-Gold Resources Corp. dated October 26, 2012

I, Joe Amanor, do herby certify that:

1. I reside at 41 Church Street, Adjiringanor, East Legon, Accra, Ghana, West Africa.

2. I graduated from Imperial College, England in 1979 with an MSc Postgraduate Degree in Geology. I have continually practiced my profession since that time.

3. I am a member of the Australasian Institute of Mining and Metallurgy with Membership number 204572.

4. I am a Geological Consultant permanently employed by SEMS Exploration Services Ltd., which is a West African based firm of consulting Geologists and Surveyors with contracts and work experience in Mali, Cote d'Ivoire, Burkina Faso, Ghana, Senegal, Liberia, Guinea, Sierra Leone and Congo. The company's head office is located at 17 Orphan Crescent, Labone, Accra, Ghana.

5. I have 30 years of experience working in Pre-Cambrian terrains of West Africa primarily involved in exploration for and mining of gold. I have been involved with several resource estimations on shear hosted gold mineralized systems in Birimian aged rocks throughout West Africa since 1980.

6. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

7. I have visited the Kibi Gold Project on a number of occasions over the past four years or so.

8. I am a co-author of this Report.

9. As of the date of this Certificate, to the best of my knowledge, information and belief, the technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading

10. Neither I, nor any affiliated entity of mine, is at present, or under an agreement, arrangement or understanding expects to become, an insider, associate, affiliated entity or employee of Xtra-Gold Resources Corp. and / or any associated or affiliated entities.

11. Neither I, nor any affiliated persons or entity of mine, own, directly or indirectly, nor expect to receive, any interest in the properties or securities of Xtra-Gold Resources Corp. or any associated or affiliated companies. I am independent of the issuer as described in section 1.4 of NI 43-101

12. I have read NI 43-101 and the technical report has been prepared in compliance with NI 43-101

13. I consent to the filing of this Report with the relevant securities commission, stock exchange and other regulatory authorities as may be demanded, including general publication in hardcopy and electronic formats to shareholders and to the public.

Accra, Ghana
October 26, 2012

Joe Amanor, MSc, Geology — Aus IMM
Geological Consultant

CERTIFICATE of QUALIFICATION

To accompany the report entitled

MINERAL RESOURCE ESTIMATE & INDEPENDENT TECHNICAL REPORT ON KIBI GOLD PROJECT, GHANA

For Xtra-Gold Resources Corp. dated October 26th 2012

I, Simon Edward Meadows Smith, do herby certify that:

1. I reside at 7 Orchard Gardens, Cantonments, Accra, GHANA

2. I graduated from Nottingham University, England in 1988 with a BSc Degree in Geology. I have continually practiced my profession since that time.

3. I am a member of the Institute of Materials, Minerals and Mining (IOM3) with Membership number 49627

4. I am the Managing Director of SEMS Exploration Services Ltd, which is a West African based firm of consulting Geologists and Surveyors with contracts and work experience in Mali, Cote d'Ivoire, Burkina Faso, Ghana, Senegal, Liberia, Guinea, Sierra Leone and Congo. The company's head office is located at 17 Orphan Crescent, Labone, Accra, GHANA.

5. I have twenty years of experience working in Pre Cambrian terrains of West Africa and Western Australia primarily involved in exploration for gold. I have been involved with several resource calculations on shear hosted gold mineralised systems in Birimian aged rocks in West Africa since 1995.

6. I have read the definition of 'Qualified Person' as set out in National Instrument 43-101 and certify that by reason of my education, affiliation with a professional association and past relevant work experience I fulfil the requirements to be a 'Qualified Person' for the purposes of NI43-101.

7. I have visited the Apapam Concession in Ghana on several occasions and along with other members of the SEMS Exploration Services team have been associated with the Kibi Project for two years.

8. I have reviewed this report.

9. I have no personal knowledge, as of the date of this Certificate, of any material fact or change, which is not reflected in this Report, the omission to disclose that would make this report misleading.

10. Neither I, nor any affiliated entity of mine, is at present, or under an agreement, arrangement or understanding expects to become, an insider, associate, affiliated entity or employee of Xtra-Gold Resources Corp. and / or any associated or affiliated entities.

11. Neither I, nor any affiliated persons or entity of mine, own, directly or indirectly, nor expect to receive, any interest in the properties or securities of Xtra-Gold Resources Corp. or any associated or affiliated companies.

12. I have read NI43-101 and the report has been prepared in compliance with NI43-101.

13. I consent to the filing of this Report with the relevant securities commission, stock exchange and other regulatory authorities as may be demanded, including general publication in hardcopy and electronic formats to shareholders and to the public.

....

Simon E. Meadows Smith, IOM3
Geologist

Dated at Accra, Ghana this 26th day of October 2012

17 Appendix 3 - QA-QC Report

KIBI GOLD PROJECT

Ghana, West Africa

QUALITY CONTROL REPORT

A report submitted in fulfilment of National Instrument 43-101 in compliance with the Securities Commission

SEMS Exploration
October 2012

SUMMARY

- Exploration carried out by Xtra-Gold on its Kibi prospect was conscientiously and diligently pursued.
- **Blanks:** Of 2287 blanks submitted by Xtra-Gold, 31 returned a result exceeding 0.05ppm Au with 13 exceeding 0.1ppm gold. Failed blanks are random. All 2714 laboratory blanks are below detection.
- **Standards:** Xtra-Gold submitted 45 different standards leading to 2736 assays of which 2495 are related to Fire Assay, 829 submitted for gravimetric determinations and 23 for Screen Fire Assay. On average, precision of standards is 14.3% which is slightly high but bias is mainly below 5% and shows both negative and positive sign. Four standards marginally exceeded 5%. Results for standards are acceptable although additional follow-up on failures is recommended in future work.

  The laboratory analysed 4704 standards in 28 different grades associated with Xtra-Gold's activities. Precision is good, below 6.6% and accuracy is generally very good and mainly less than ±1% from the recommended value.
- **Duplicates:** Precision of field duplicates is high but consistent with the presence of particulate gold. After removal of "Flyers", regression analysis shows an absence of bias; results are accurate. Precision of pulp duplicates is similarly high. Regression analysis shows a skewed dataset where bias is zero at 0.7ppm Au increasing to 8% at 4ppm gold Evaluation of pulp duplicates, represented by four separate analyses for each sample, shows reasonable comparison in grade between the original and duplicated datasets. Average grade obtained using data only for pulp duplicates is 2.02ppm ±7.4%. This variability is acceptable with ore containing particulate gold.

  The laboratory analysed 1898 duplicates with a precision of 9.7% for Fire Assay in the resource range =>0.5ppm gold. Regression analysis indicates accurate results. Similar precision and accuracy was achieved with gravimetric and Screen Fire Assay determinations.
- **Check assays:** The laboratory analysed 468 check samples with a precision of 13.2% in the resource range =>0.5ppm Au. Results are accurate.
- **Independent quarter core re-assay in mineralised zones:** SEMS Exploration carried out an independent assessment of mineralised intersections in eight holes within the Big Bend, East Dyke, Mushroom, Double 19 and South Ridge prospects on the Kibi property. A total of 356 field samples were collected. Samples were pulped, without splitting, and four sub-samples were analysed from each field sample after coning-and-quartering. Precision of the original and re-sampling programmes is high but consistent with particulate gold and the inherent problems comparing quarter and half core samples. Regression analysis shows a weak bias where the re-assay values are slightly higher than the original assays. This is also observed comparing the mean grades of each dataset; Mean original is 3.17g/t Au and re-assay gives 3.36g/t Au. The difference in the means is 6% and this is entirely satisfactory and underlines the accuracy of the database as a whole.

- In conclusion, the geochemical data used in the resource calculation is satisfactory and there is nothing untoward in the mean grades used in the resource study.
- Finally, it is strongly recommended that geochemical data gathered by Xtra-Gold on all future work in the Kibi deposit is validated independently on a monthly basis.

Table of Contents

1 INTRODUCTION

A previous detailed review of Xtra-Gold's geochemical results was carried out by SEMS Exploration in 2010. This first report assessed the protocols used by Xtra-Gold in their sampling methodology and further evaluates all assay results. Protocols have not changed and are not reiterated. For this reason the first report is material to the current study. For completeness, a summary of the first report is contained in Appendix 1. Figures mentioned in this summary refer to the first report.

The current report is prepared under National Instrument 43-101 for regulatory filing with Canadian Securities Administrators.

In assessing the precision and accuracy of results, the Reader should note that Xtra-Gold's deposit contains particulate gold. Additionally, throughout the mineralised zones and more specifically at the footwall, gold is locally accompanied by high pyrite-pyrrhotite content (10-15%). These two characteristics serve to typify the ore as "Geochemically difficult".

Protocols applied by Xtra-Gold and the manner in which geochemical data was stored indicates that the work was carried out conscientiously and with diligence. The various types of geochemical data, supplied to the Writer in support of this report, were contained in separate files.

Finally, it is material to note that laboratories in Ghana and Mali were inundated with samples from mid-2011. This led to back-logs exceeding 60000 samples, resulting in reporting delays of up to two months. Sample build-up can impose pressure on the internal QA-QC system within a laboratory. Invariably, the impact is felt most acutely in sample preparation. Such delays are not apparent with samples sent by Xtra-Gold to ALS Chemex (Kumasi) and the extent of any back-log at this laboratory is unknown to the Writer.

2 SCOPE OF WORK

This study addresses the precision and accuracy of results obtained by Xtra-Gold during their exploration activities. Datasets used in the evaluation of precision and accuracy include:

- Standards and blanks inserted by Xtra-Gold
- Field duplicates and coarse rejects
- Pulp duplicates and replicate analysis of pulps submitted by Xtra-Gold
- Laboratory standards, blanks, duplicates and check repeats (Fire Assay, Screen Fire Assay and Gravimetric determinations)
- Standard certificates (Xtra-Gold)
- Assay reports in .pdf format

Additionally, and very importantly, eight mineralised zones within Xtra-Gold's Kibi prospect were independently sampled by a team from SEMS Exploration. This work necessitated selection of mineralised intervals, matching previously sampled core, with subsequent quartering of core for analysis.

3 ANALYTICAL METHODS

In contrast to work carried out in 2008-2010, Xtra-Gold employed a greater number of analytical methods and modified the analytical technique. These are shown in Table 1.

One of the main modifications, as recommended by the previous NI43-101 report, to the processing of samples involved the amount of sample that was pulverised. Of the 33,924 samples assayed during the 2010 – 2012 drilling campaign approximately 17,640 were subjected to total pulverization (i.e. Prep22), 1,193 samples to Prep31B (i.e. 1 kg split for pulverization), and 15,081 samples to Prep31 (i.e. 250 split for pulverization).

However, as the laboratory came under increasing pressure during peak exploration activities, Xtra-Gold elected to restrict total pulverisation to mineralised sections. Remaining core, outside the mineralised zone, was subject to analysis by the “Prep 31” method. With the exception of 636 mineralised samples from 10 holes (Holes 151 - 176) which were analysed using the Prep31B method (1kg split), all the mineralised intercepts for the 2010 – 2012 drilling were subjected to complete pulverisation.

Attention is drawn to Preparations 31(highlighted blue) and 31B (highlighted yellow). The former involves a split of 250g after crushing to -2mm while the latter involves a split of 1000g after similar crushing. With particulate gold, any form of splitting from a crushed sample can lead to splitting error. Error may increase as the weight of the split sample decreases. That is to say, the grade obtained from a 1000g split will be more representative than that obtained from a 250g split. In splitting, the most important aspect is the method by which the sample is split. Although unseen by the Writer, it is assumed that splitting was effected by a single stage Jones splitter with random selection of the split sample. Failure to randomly select can lead to splitting bias (One metre half NQ core weighs approximately 3 kg and requires four stages to produce a sample weighing slightly over 300 g).

Addressing the problem of particulate gold, and to reduce the number of samples submitted for Screen Fire Assay, recourse was made to replicate analysis of samples. Four sub-samples were taken and fired (Figure 1). The mean of the four results was used as the representative grade for the sample. This is quite legitimate but, again, emphasis is placed on the method by which the samples are split.

Finally, method AA24 refers to “Geochemical level” detection to three decimal places. Although this level of detection may be achieved using a graphite furnace, the inherent precision of an AAS is approximately 3 percent. This precludes repeatability of results to three decimal places. For this reason, results are rounded off to two decimal places. This has no material impact on the evaluation of precision or accuracy.

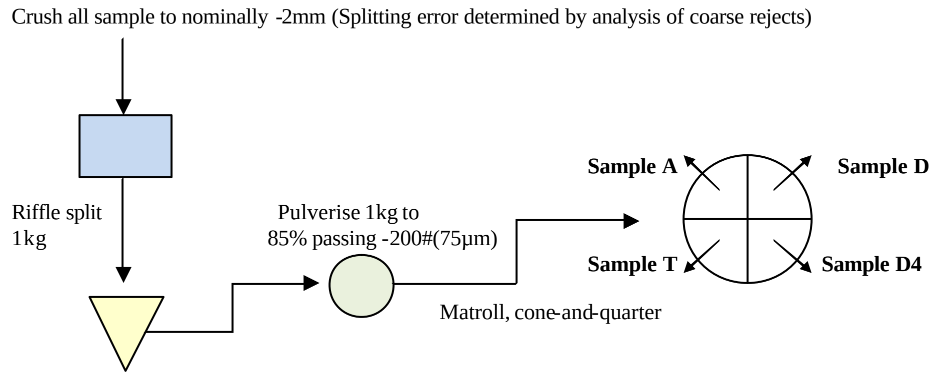
Table 1 Sample preparation and analytical codes.

Laboratory Code	Laboratory description
AA24_GRA22_Prep31	Prep31: Fine Crush 70% < 2mm with 250 g split pulverized 85% < 75 um. AA24 (50 g) Geochemem level (0.005 - 10 ppm) FA with AA Finish & GRA22 gravimetric finish > 10 ppm.
AA24_GRA22_Prep31B	Prep31B: Fine Crush 70% < 2mm with 1000 g split pulverized 85% < 75 um. AA24 (50 g) Geochemem level (0.005 - 10 ppm) FA with AA Finish & GRA22 gravimetric finish > 10 ppm.
AA24_GRA22_Prep22	Prep22: Pulverize entire sample to 85% < 75 um. AA24 (50 g) Geochemem level (0.005 - 10 ppm) FA with AA Finish & GRA22 gravimetric finish > 10 ppm.
AA26_Prep31	Prep31: Fine Crush 70% < 2mm with 250 g split pulverized 85% < 75 um. AA26 (50 g) Ore Grade level FA with AA Finish (0.01 - 100 ppm).
AA26_Prep31B	Prep31B: Fine Crush 70% < 2mm with 1000 g split pulverized 85% < 75 um. AA26 (50 g) Ore Grade level FA with AA Finish (0.01 - 100 ppm).
AA26_Prep22	Prep22: Pulverize entire sample to 85% < 75 um. AA26 (50 g) Ore Grade FA with AA Finish (0.01-100 ppm).
AA24_GRA22_X4_Pre31B	Prep31B: Fine Crush 70% < 2mm with 1000 g split pulverized 85% < 75 um. "4" x AA24 (50 g) Geochem level (0.005 - 10 ppm) FA with AA Finish & GRA22 gravimetric finish > 10 ppm.
AA26_X4_Prep22	Prep22: Pulverize entire sample to 85% < 75 um. "4" x AA26 (50 g) Ore Grade FA with AA Finish (0.01-100 ppm).
AA26_X4_Prep31B	Prep31B: Fine Crush 70% < 2mm with 1000 g split pulverized 85% < 75 um. "4" x AA26 (50 g) Ore Grade level FAwith AA Finish (0.01 - 100 ppm).
SCR22_Prep22	Prep22: Pulverize entire sample to 85% < 75 um; wet screen 1000 g split < 75 um. 1 kg Screen Fire Assay (SCR22AA) fraction (AA Finish) with duplicate assays (50 g) on screen undersize and assay of entire oversize

Lab Code	Description
AA24	Au 50g FA AA Finish (Geochem Level 0.005 - 10 ppm)
AA26	Au 50g FA AA Finish (Ore Grade Level 0.01 - 100 ppm)
GRA22	Au 50g FA Gravimetric Finish (0.05 - 1000 ppm)
FINAL	Au_ppm_Final
AA24A/D/T/D4	A=1st; D=2nd; T: 3rd; D4=4th assay in replicate sequence
GRA22A/D/T/D4	A=1st; D=2nd; T: 3rd; D4=4th assay in replicate sequence for oversize
AA26A/D/T/D4	A=1st; D=2nd; T: 3rd; D4=4th assay in replicate sequence
SCRAA26	Screen Fire Assay AA26 Minus Fraction
SCRAA26D	Screen Assay_AA26_Dup_Minus Fraction
SCR22min	Screen Assay (-) Fraction Calculated Average
SCR22plu	Screen Assay (+) Fraction Assay
SCR22tot	Screen Fire Assay Au Total Calculated
SCR22wt1	Screen Assay (-) Frac Weight
SCR22wt2	Screen Assay (+) Frac Weight

Sample Import Mapping Codes

Lab Code	Description
LCHK	Lab Check
LDUP	Lab Duplicate
LDUP-CHK	Lab Duplicate Check
OA	Original Assay (includes CRM's & Blanks)
PDUP	Pulp Duplicate (Resubmitted Pulp)
PRDUP	Bulk Pulverize Reject Duplicate
CRDUP	Coarse Reject Duplicate
STA	Lab Standard / Blank



This procedure requires random selection of the split crushed material and random selection of samples A, D, T and D4 from the quartered pulped material

Figure 1 Sample preparation 31B flow chart.

4 BLANKS

4.1 Xtra-Gold blanks

In addition to internationally recognised blanks from CDN Resource Laboratories (Code: CDN-BL-3), Xtra-Gold also sourced blanks from granite or granite gneiss quarries at Kasoa, Accra and Akuse in Ghana. In the course of exploration, a total of 2287 blanks were randomly inserted and submitted for analysis. Analytical methods included Fire Assay and Scree Fire Assay. Results are shown in Figure 2. Tolerance applied is =<0.05ppm Au as results at or below this tolerance will not materially change the outcome of grade in reserve/resource calculations.

In total, 31 results exceeded 0.05ppm Au with 13 equal to or greater than 0.1ppm gold (Table 2, Appendix 2). Blanks results are further divided according to analytical method; Fire Assay and Screen Fire Assay (Figure 3).

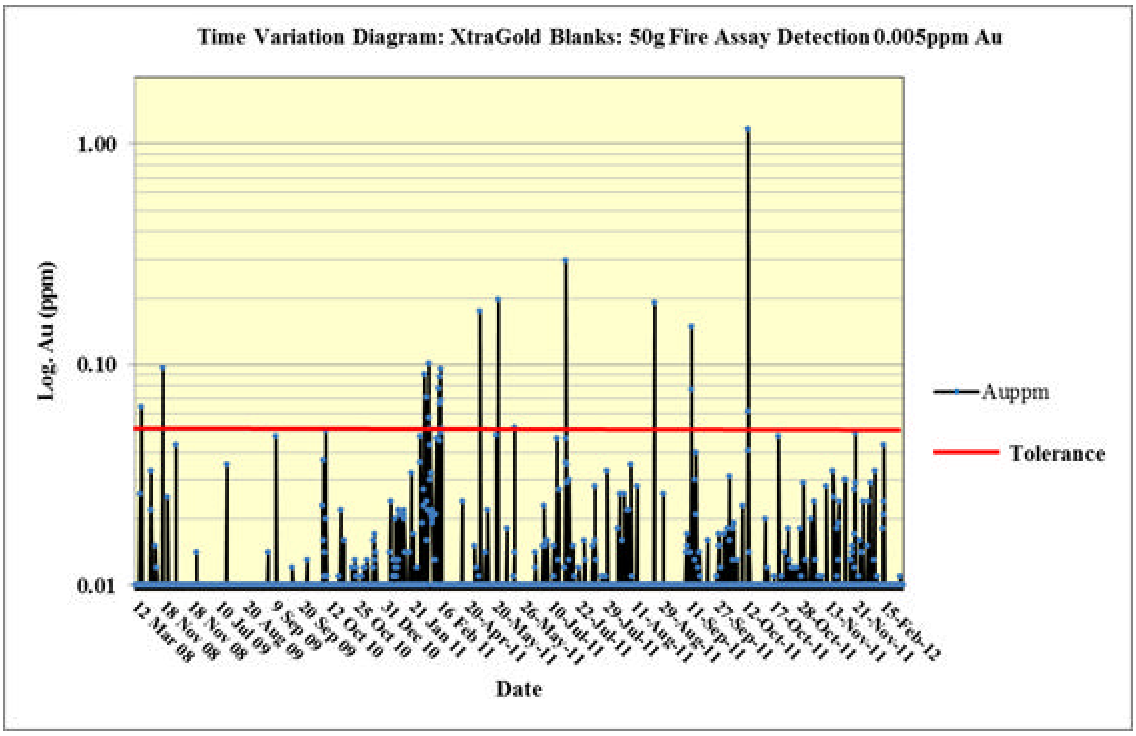


Figure 2 Time variation diagram for Xtra-Gold blanks: 50 g fire assay, detection limit of 0.005 ppm Au.

Table 2 Xtra-Gold blanks results exceeding 0.05ppm Au.

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
16 Feb 11	KBDD10094	KM10184956	KS-1	0.01	0.10	G470229	AA24
18 Nov 08	KBD08001	KM08157366	AK-3	0.01	0.10	H800339	AA24
30-Aug-11	KBDD11116	KM11121538	KS-2	0.01	0.10	G474330	SCR22plu
25 Jan 11	KBDD10103	KM11008971	KS-2	0.01	0.10	G471768	AA24
30-Aug-11	KBDD11113	KM11121538	KS-2	0.01	0.13	G474072	SCRAA26D
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.15	G384699	AA24TR
10-May-11	KBDD11148	KM11162081	KS-4	0.01	0.17	G383387	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.19	G466770	AA24
21-May-11	KBDD11112	KM11054609	KS-2	0.01	0.20	G473710	AA24
2 Feb 11	KBDD10101	KM11011729	KS-1	0.01	0.21	G471346A	SCR22plu
20-Jul-11	KBDD10085	KM11003080	KS-1	0.01	0.30	G371153	AA24
12-Oct-11	KBDD11173	KM11233775	KS-5	0.01	1.17	G381943	AA24
09-May-11	KBDD11112	KM11112154	KS-2	0.01	2.92	G473829	SCR22plu

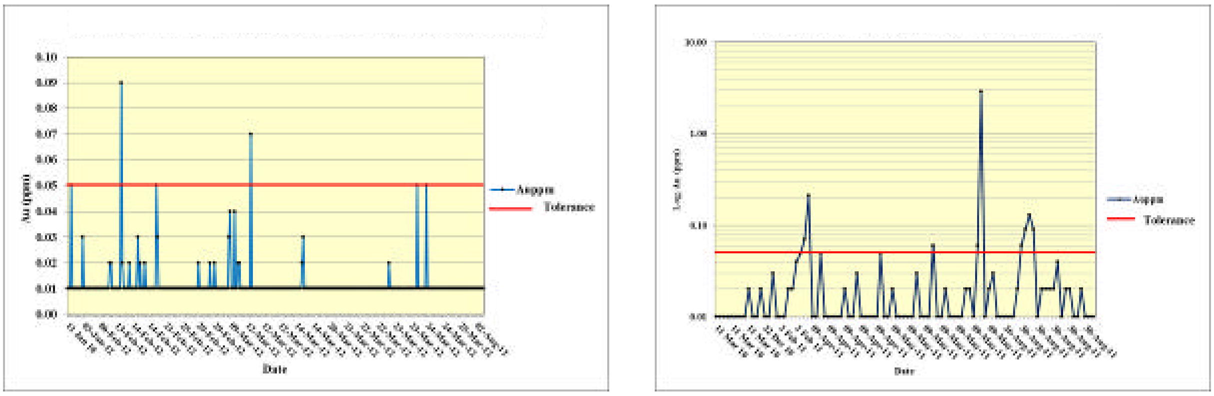


Figure 3 (a) Time variation Xtra-Gold blanks: Fire Assay. (b) Time variation Xtra-Gold blanks: Screen Fire Assay.

4.2 Laboratory blanks

The laboratory inserted 2,714 internationally recognised blanks and all results are below tolerance. The gravimetric method shows a minimum of 0.05 ppm Au which is the detection level of this method.

5 STANDARDS

Statistical assessment of standards is related to probability. The probability is defined by standard deviations and the limits of "Pass" or "Failure" are determined at two standard deviations (SD) from the recommended value. Two standard deviations corresponds to the 95th percentile. This means that 95% of results will fall within the corridor $\pm$2 standard deviations from the mean value determined for the standard. The corollary is that 5% of results will, ordinarily, fail. Failure will usually be in the range 2SD < failure < 3SD. These failures should be random. Failures exceeding $\pm$3 standard deviations, especially if associated with consecutive standards, normally require review and possible selective re-assay from the relevant batches.

5.1 Xtra-Gold Standards

A total of 45 standards were used by Xtra-Gold covering the range 0.21-29.21 ppm Au. Standards are certified and originate from CDN Resource Laboratories Ltd, Delta, Canada. Derived from a number of sources, the standards are fresh and some are sulphidic. Where stated, test analysis by 12 laboratories uses a 30g charge by Fire Assay with AA, ICP or gravimetric determinations (With sulphidic standards, a 30g charge provides a more accurate result than 50g. If there is variance due to sulphide content, this would lead to a slight negative bias using a 50g charge. This situation is *not* observed with standards submitted by Xtra-Gold).

Precision and accuracy of each standard was assessed by the following method:

- Time variation diagrams were constructed showing the performance of the standard over time. Visual "Flyers" were eliminated from the dataset but retained as a separate table shown below the variation diagram. For continuity in reading, variation diagrams and associated statistics are shown in Appendix 3. Explanation of the variation diagrams is contained on the header page of the appendix.
- Standard deviation for each standard was then calculated after removal of "Flyers" and the variation diagram was replotted. In some cases, where results exceeded $\pm$ 3 standard deviations, results were relegated to the "Flyer" table. The resulting standard deviation then represented the *working standard deviation* for the laboratory *(Clarification: In addition to the certified recommended value, certificates also bear the standard deviation. This standard deviation is based on the analysis from 12 laboratories and therefore should not be applied to assess performance of a single laboratory. One International supplier of standards states this on their certificates).*
- Precision and accuracy are based on results after removal of "Flyers". Accuracy is determined by relationship of the mean value achieved by the laboratory and the recommended value

Statistical data is summarised in Table 3. Variation diagrams were not constructed for standards where the dataset was less than 30. However, standard deviations were calculated for these datasets and failures are listed in Appendix 4.

In the main, the moving average line for each standard meanders about the mean value displaying a lack of calibration jump. Weak drift is apparent on several standards but this does not move results beyond the $\pm$ 2 standard deviation line. There is one exception; CDN-

GS-1E where a calibration jog suggests rectification from high results towards the recommended value (Appendix 3 and Appendix 4).

Industry standard does not define the limits of "Good" or "Bad" precision but in general, a precision better than 10% is expected and is the norm for a laboratory. Average precision for Xtra-Gold's standards is 14.3. This precision is unrelated to grade or the number in the dataset. The exceptions are CDN-GS-P2 (0.21ppm Au: 25.9) and CDN-GS-P2A (0.23ppm Au: 25.6) where poor precision reflects the low grade of the standard.

Although overall precision is lower than expected, it is the accuracy- bias- which is more important. Bias should be less than ± 5% from the recommended value and should display both positive and negative sign over the range of standards. Standards exceeding a bias of ±5% are shown in Table 4.

Standard results exceeding ±3 standard deviations from the recommended value are shown beneath each variation diagram (Appendix 3). Failures for other standards where the dataset is below 30 is shown in Appendix 4. The list is ordered by date and sample number. In the main, results exceeding ±3 standard deviations are random although the majority occur between October 2011 and throughout 2012. Standard CDN-GS-1P5E, analysed between May and June 2012, is anomalous as all 18 results show a negative bias of which 13 exceed ±3 standard deviations. This may signify mal-performance of the standard rather than inaccuracy of the laboratory.

In conclusion, the standards display low precision although the majority show an acceptable bias below ±5% of the recommended value. Results exceeding ±3 standard deviations from the recommended value are, in the main, random. Selective re-assay of batches, where standards displayed a marked departure from the recommended value, might have been called.

Table 3 Summary statistics for Xtra-Gold standards[1].

Std Code	Rec Value	n	Mean	Std Dev	Precision	Bias	Anal Method
CDN-GS-P3A	0.34	44	0.35	0.03	15.39	2.87	AA24
CDN-CM-3	0.46	13	0.48	0.04	18.00	3.90	AA24
CDN-GS-P7B	0.71	134	0.70	0.06	17.07	-1.15	AA24
CDN-CGS-19	0.74	20	0.78	0.05	13.33	4.90	AA24
CDN-CGS-19	0.74	1	0.91	-	-		AA24
CDN-GS-P8	0.78	32	0.81	0.03	6.18	4.44	AA24
CDN-GS-1G	1.14	54	1.14	0.08	13.49	-0.36	AA24
CDN-GS-1E	1.16	50	1.20	0.06	10.05	3.84	AA24
CDN-GS-1F	1.16	88	1.21	0.09	14.88	4.21	AA24
CDN-GS-1P5C	1.56	64	1.56	0.09	11.63	0.18	AA24
CDN-CM-1	1.85	64	1.81	0.07	7.73	-2.15	AA24
CDN-GS-2C	2.06	11	2.05	0.06	6.36	-0.62	AA24
CDN-GS-2F	2.16	83	2.22	0.18	15.80	2.92	AA24
CDN-GS-2G	2.26	60	2.24	0.18	16.37	-1.04	AA24
CDN-GS-3G	2.59	44	2.67	0.12	9.01	3.11	AA24
CDN-GS-3E	2.97	45	3.15	0.20	13.01	6.07	AA24
CDN-GS-3H	3.04	57	2.99	0.18	12.08	-1.56	AA24
CDN-GS-3F	3.10	47	3.14	0.21	13.61	1.17	AA24
CDN-GS-3D	3.41	76	3.27	0.16	10.10	-4.18	AA24
CDN-GS-4C	4.26	234	4.27	0.25	11.81	0.34	AA24
CDN-GS-4A	4.42	38	4.41	0.41	18.82	-0.30	AA24
CDN-GS-5D	5.06	28	4.96	0.21	8.50	-2.01	AA24
CDN-GS-7B	6.42	132	6.67	0.75	22.37	3.86	AA24
CDN-GS-7A	7.20	40	7.33	0.63	17.35	1.85	AA24
CDN-GS-8A	8.25	116	8.56	0.78	18.03	3.76	AA24
CDN-GS-11A	11.21	52	11.86	0.81	13.73	5.78	AA24/GRA22
CDN-GS-P2	0.21	41	0.21	0.03	23.87	0.25	AA26
CDN-GS-P2A	0.23	48	0.24	0.03	25.60	3.47	AA26
CDN-GS-P3B	0.41	84	0.42	0.04	19.47	3.73	AA26
CDN-GS-P4A	0.44	95	0.44	0.04	19.44	0.44	AA26
CDN-GS-P7E	0.77	87	0.80	0.07	17.68	3.97	AA26
CDN-GS-1J	0.95	27	0.99	0.05	10.67	4.81	AA26
CDN-GS-1H	0.97	56	0.98	0.08	16.99	0.33	AA26
CDN-GS-1P5E	1.52	9	1.38	0.05	7.75	-9.50	AA26
CDN-GS-2K	1.97	7	2.00	0.20	23.20	1.52	AA26
CDN-GS-2L	2.34	16	2.44	0.17	14.97	4.46	AA26
CDN-GS-2J	2.36	64	2.48	0.16	12.97	5.12	AA26
CDN-GS-15B	15.98	26	15.73	1.67	22.51	-1.54	AA26/GRA22
CDN-GS-3J	2.71	70	2.70	0.19	13.79	-0.27	AA26A
CDN-GS-6A	5.69	39	5.86	0.25	8.66	3.06	AA26A
CDN-GS-9A	9.31	21	9.40	0.41	8.92	1.01	AA26A
CDN-GS-1P5D	1.47	45	1.50	0.10	13.42	1.91	AA26D
CDN-GS-4B	3.77	10	3.88	0.06	3.26	3.00	AA26D4
CDN-GS-13A	13.20	3	11.73	-	-		GRA/22
CDN-GS-22	22.94	12	22.87	1.45	13.87	-0.32	GRA22
CDN-GS-30B	29.21	22	30.20	2.34	16.09	3.40	GRA22

[1] **Rc Value:** Recommended value; **n:** Number in the dataset; **Mean:** Arithmetic mean of results; **Bias**: Percent by which the mean varies from the recommended value; **Anal method**: Analytical method (See Table 1)

Table 4 Standards exceeding ± 5% from the recommended value

Std Code	Rec Value	n	Mean	Std Dev	Precision	Bias	Anal Method
CDN-GS-1P5E	1.52	9	1.38	0.05	7.75	-9.50	AA26
CDN-GS-2J	2.36	64	2.48	0.16	12.97	5.12	AA26
CDN-GS-11A	11.21	52	11.86	0.81	13.73	5.78	AA24/GRA22
CDN-GS-3E	2.97	45	3.15	0.20	13.01	6.07	AA24

5.2 Laboratory standards

ALS Chemex used mainly RockLabs standards and analysed a total of 4704 standards in 28 different grades. Time variation diagrams are not produced. However, precision and accuracy were assessed with the same rigour as applied to Xtra-Gold's standards. Only "Flyers" were removed from the datasets prior to evaluation; other results exceeding ±2 standard deviations were not removed from the datasets.

Precision and accuracy was calculated by:

Precision = $\frac{1.98\sigma}{\mu} \times 100\%$ (1.98 is a statistical multiplier and increases where the number in the dataset falls below 60)

where:

s = Standard deviation
m = Mean

Accuracy is the difference, in percent, between the mean and recommended value.

Summary statistics for laboratory standards are shown in Table 5.

It is clearly seen that precision bears no comparison with that achieved for Xtra-Gold's standards. The exception is OxA71 with a low recommended value of 0.085ppm gold. Accuracy achieved is also far better than shown by Xtra-Gold's standards. This situation is not unusual in a laboratory although the difference, here, is very pronounced.

Table 5 Summary statistics for standards used by ALS Chemex[2]

								Std Dev		
Standard	**n**	**Rec Val**	**Mean**	**Std Dev**	**Precision**	**Accuracy**	**Method**	**>2<3**	**>3**	**Flyers**
OxA71	358	0.085	0.08	0.008	17.9	-2.0	AA24	0	0	
OxE56	180	0.611	0.61	0.009	2.8	-0.4	AA24	2		
OxE86	46	0.613	0.61	0.012	4.1	-0.6	AA24	1		
OxF65	359	0.805	0.81	0.020	4.9	0.2	AA24	17		
OxF85	547	0.805	0.81	0.021	5.2	0.6	AA24/AA26	2	7	1
OxG70	373	1.006	1.01	0.019	3.7	0.1	AA24	3	9	
OxG83	83	1	1.00	0.026	5.2	0.1	AA24/26			
OxC88	97	0.203	0.20	0.007	6.6	-1.4	AA24			
OxG84	114	0.922	0.92	0.023	5.0	0	AA24	1	1	
OxI67	274	1.8175	1.81	0.026	2.8	-0.3	AA24	15	3	
OxI81	142	1.808	1.82	0.049	5.4	0.6	AA24/26	5		
OxJ68	68	2.36	2.34	0.027	2.3	-1.0	AA24		1	
OxK69	78	3.58	3.55	0.051	2.9	-0.7	GRA22		1	
OxJ80	325	2.33	2.35	0.056	4.8	0.7	AA24/26	19		
OxK79	291	3.53	3.54	0.091	5.1	0.2	GRA22/AA24	17		
OxK95	223	3.535	3.54	0.087	4.9	0.3	AA24/26	6		
OxN62	111	7.71	7.69	0.067	1.7	-0.3	GRA22	7	1	
OxN77	89	7.73	7.73	0.076	2.0	0.1	GRA22/26	5		3
OxP50	23	14.9	14.88	0.200	2.8	-0.2	GRA22			
OxP76	196	15	14.95	0.095	1.3	-0.3	GRA22	2	2	
SF30	67	0.83	0.83	0.025	6.0	0.2	AA24/26			
SG40	26	0.9765	0.98	0.020	4.1	0.7	AA24			
SH41	233	1.345	1.35	0.041	6.0	0.5	AA24	9		
SH55	100	1.375	1.39	0.040	5.8	0.8	AA24/26	5		
Si54	16	1.78	1.74	0.043	5.3	-2.1	AA24	3		
SL46	135	5.86	5.82	0.099	3.4	-0.7	AA24	10		
SN50	87	8.685	8.64	0.142	3.3	-0.6	GRA22/AA24/26	7	2	
ST-335	56	13.65	13.77	0.191	2.8	0.9	GRA22	6		

[2] **n:** Results in the dataset; **Rec Val:** Recommended value;
Standard deviation: >2<3 (Number of results >2<3 Std Devs) >3: Results exceeding ±3 Std Devs
"Flyers": Result far exceeding ± 3 standard deviations

6 DUPLICATES

6.1 Xtra-Gold Duplicates

Duplicates samples are divided into field duplicates where two samples were taken and submitted at different dates. These samples were subject to various processing in the laboratory.

Prep 31/31B

These were crushed to nominally -2mm with subsequent splitting of 1000g (Prep 31B) or 250g (Prep 31). The split fraction selected for gold determination was pulverised to 85% passing -200# (75µm) followed by Fire Assay or gravimetric determination on a 50g charge (Geochem level or ore grade detection; Figure 1). Remnant crushed material was also submitted for analysis and this is referred to as “Coarse reject.

Prep 22

The entire sample was pulverised to 85% passing -200# followed by splitting-off 50g for Fire Assay or gravimetric analysis.

Pulp Duplicate analysis 24/26

To better define grade in the presence of particulate gold, and to avoid undue delays associated with Screen Fire Assay, Xtra-Gold carried out tests on pulped core. Initially Prep 31B was used with 1kg being split from each sample and pulverised. From the pulverised fraction of each sample after matrolling, coning and quartering, four sub-samples of 250g were placed in separate Kraft envelopes. From each envelope, 50g was extracted and analysed by Fire Assay to 0.005ppm Au detection (Figure 1).

6.1.1 Field duplicates: Prep 22

From a total of 602 field duplicates, 14 high variance low value results were removed from the dataset together with 14 high value “Flyers”. Precision based on 574 results in the range 0.01-10.00ppm Au is 24.6% (Appendix 5). Precision at the cut-off, removing all results <0.5ppm Au, is 37.8%. Assessing only results +>0.3 <0.6ppm Au, precision in the cut-off range is 40.9% (Table 6).

Absolute Mean Percentage Difference (**AMPD)**= 100 / n x Sum (IAu1-AuDI) / (Au1+ AuD)

where: **n** = Total number of duplicate pairs

Au1 = Original value

AuD = Duplicate value

AMPD = 100 /574 x 71.3

AMPD = 12.4%

The **AMPD** of 574 field duplicate pairs in the range 0.01 - 10.00ppm Au is 12.4%

The **AMPD** x 1.98 is the precision of the system.

Precision at the 95% confidence level is 24.6% in the range 0.01 - 10.00 ppm Au.

Correlation of the total dataset but excluding high variance low values and "Flyers" is shown in Figure 4. There is deviation between regression and diagonal lines due to distortion of one result. Removing one high variance pair sees coincidence between regression and diagonals (Table 8).

Both "Flyers" omitted from assessment and the highest variance pairs included in the assessment display, in part, very marked disparity in grade. This may reflect the method by which the samples were split. Equally well, the disparity could be caused by the "Nugget effect" of particulate gold. Looking at the distribution of high vs low results there are approximately an equal number related to Au1 and AuD (These are highlighted in green and blue respectively in Table 9). This suggests a random nature of the disparity. This randomness is demonstrated by the correlation, after removal of one high variance result, where regression and diagonal lines are near-coincident; there is no bias. This is good.

Precision in the resource range (=>0.5-10.00ppm Au) is high at 37.8% but this must be expected in the presence of particulate gold. For similar reasons, precision about the cut-off grade at 0.5ppm Au is high (40.9%).

Table 6 Summary statistics listing variation in precision for different ranges of gold values[3].

Range ppm	n	Sum	P	
=>0.1-10.00	89	19.2	43.1	
=>0.5-10.00	47	8.8	37.8	**Resource range**
=>0.3 < 0.6	14	2.7	40.9	**Cut-off range**

Table 7 List of the highest 10 AMPD values exceeding 0.5 ppm Au.

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10089	G373692	20/01/2011	KM10183770	1.83	G373700	20/01/2011	KM10183770	0.89	0.347
KBDD11134	G466056	13/08/2011	KM11094263	1.57	G466066	13/08/2011	KM11094263	3.24	0.347
KBDD10085	G371070	20/10/2010	KM10146992	8.53	G371091	20/10/2010	KM10146992	3.69	0.396
KBDD11134	G466384	21/08/2011	KM11094264	2.02	G466426	30/08/2011	KM11094265	0.87	0.397
KBDD11142	G469253	09/06/2011	KM11129324	2.80	G469263	09/06/2011	KM11129324	6.68	0.409
KBDD10091	G372317	21/12/2010	KM10175849	0.62	G372321	21/12/2010	KM10175849	1.51	0.414
KBDD11109	G473084	24/05/2011	KM11054606	0.70	G473098	24/05/2011	KM11054606	1.74	0.427
KBDD10069	G370141	19/10/2010	KM10145778	1.00	G370160	19/10/2010	KM10145778	2.58	0.442
KBDD11134	G466383	21/08/2011	KM11094264	3.95	G466395	21/08/2011	KM11094264	1.51	0.448
KBDD10086	G371450	27/10/2010	KM10146993	3.20	G371462	27/10/2010	KM10146993	1.00	0.525

[3] **P** = Precision **n** = Number in dataset

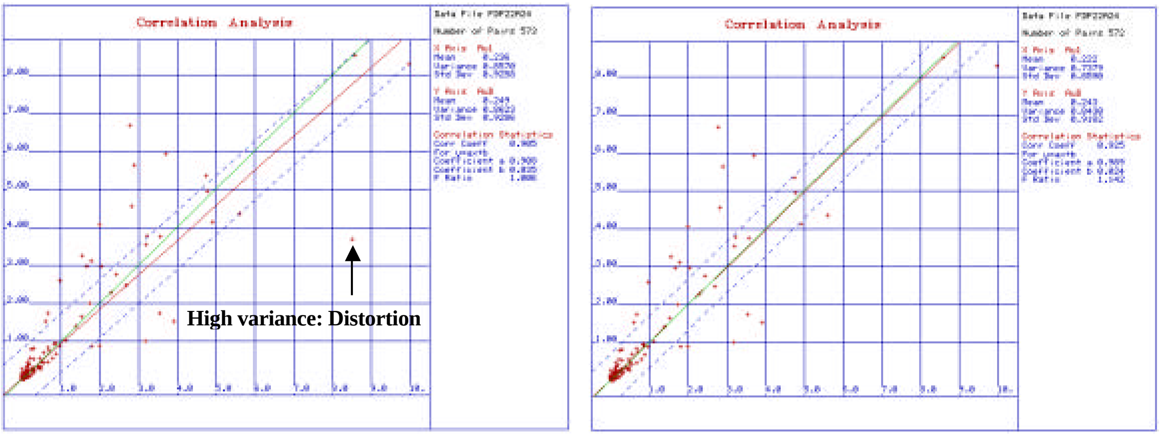


Figure 4 (a) Field Duplicates: Prep 22 Code AA24 (Excluding Flyers). (b) Fig. 6 Field Duplicates: Prep 22 Code AA24 (Excluding Flyers and one high variance pair).

Table 8 List of the high variance pair removed.

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10085	G371070	20/10/2010	KM10146992	8.53	G371091	20/10/2010	KM10146992	3.69	0.396

Table 9 List of high value, high variance pairs, omitted ("Flyers").

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10085	G371117	20/10/2010	KM10146992	0.01	G371141	20/10/2010	KM10146992	4.58	0.994
KBDD10085	G371199	20/10/2010	KM10146992	3.79	G371203	20/10/2010	KM10146992	0.39	0.816
KBDD10086	G371614	25/10/2010	KM10146994	2.67	G371626	25/10/2010	KM10146994	0.73	0.570
KBDD10086	G371417	27/10/2010	KM10146993	1.02	G371422	27/10/2010	KM10146993	0.13	0.771
KBDD10090	G371955	12/11/2010	KM10175847	0.75	G371966	12/11/2010	KM10175847	2.49	0.539
KBDD10090	G371969	12/11/2010	KM10175847	0.06	G371982	12/11/2010	KM10175847	1.29	0.918
KBDD10090	G371997	12/11/2010	KM10175847	0.04	G372009	12/11/2010	KM10175847	1.46	0.948
KBDD10089	G373665	21/01/2011	KM10183629	0.47	G373675	20/01/2011	KM10183770	0.11	0.614
KBDD10099	G470822	22/01/2011	KM11007758	2.20	G470833	22/01/2011	KM11007758	10.00	0.639
KBDD11108	G472819	05/03/2011	KM11054604	0.52	G472826	13/05/2011	KM11054605	0.10	0.689
KBDD10075	G374483	02/05/2011	KM10183774	0.01	G374495	02/05/2011	KM10183774	1.81	0.989
KBDD11134	G466283	21/08/2011	KM11094264	0.14	G466293	21/08/2011	KM11094264	1.05	0.763
KBDD11120	G475320	24/09/2011	KM11061120	0.54	G475333	24/09/2011	KM11061120	3.24	0.712
KBDD11131	G477914	26/10/2011	KM11093250	0.07	G477926	26/10/2011	KM11093250	4.62	0.971

6.1.2 Pulp duplicates: Prep 31

Tests were carried out by Xtra-Gold on samples that had been split into four separate fractions and pulverised (Code: AA24/26: A/D/T and D4). The tests involved re-submission of remnant pulp in Kraft envelopes to the laboratory. These pulps were not re-numbered but were submitted at a later date. Analyses involved both methods AA24 (Detection 0.01ppm Au) and AA26 (Detection 0.005ppm Au) but this does not affect the outcome of results.

A total of 606 duplicates were re-submitted. After preliminary assessment, six low value pairs showing high variance and 13 "Flyers" were omitted from assessment (Table 10). To test precision in the range of repeatability, results below 0.1ppm Au were excluded (Repeatability is generally accepted at 10 x detection level. In this case, detection at 0.01ppm Au was taken).

After extraction of high variance pairs, “Flyers” and result below 0.1ppm Au, 202 pairs remained for evaluation. Precision of the total dataset is 35% in the range 0.1-10.55ppm Au. Precision improves in the resource range =>0.5-10.55ppm Au to 28.6 percent. In the cut-off range 0.3-0.6ppm precision deteriorates to 42.2 percent (Table 11). Applying upper cuts at 3 and 5ppm Au shows no appreciable change in precision (The “Nugget Effect” is not reduced cutting at successive higher grades). This is observed in other datasets and further suggests the presence of very fine gold throughout the grade ranges.

Table 10 List of low value high variance pairs and “Flyers” omitted from assessment.

Low value high variance pairs:

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
BDD1116	G482241	17/11/2011	KM11231372	0.41	AA24D	G482241	28/12/2011	KM11257771	0.02	AA26D	0.913
BDD1116	G482241	17/11/2011	KM11231372	0.37	AA24TR	G482241	28/12/2011	KM11257771	0.01	AA26T	0.947
BDD1116	G482261	17/11/2011	KM11231372	0.10	AA24D1	G482261	28/12/2011	KM11257771	0.01	AA26D	0.818
BDD1116	G385956	17/11/2011	KM11231372	0.20	AA24TR	G385956	28/12/2011	KM11257771	0.02	AA26T	0.818
BDD1116	G385959	17/11/2011	KM11231372	0.20	AA24D	G385959	28/12/2011	KM11257771	0.02	AA26D	0.818
BDD1116	G482241	17/11/2011	KM11231372	0.35	AA24A	G482241	28/12/2011	KM11257771	0.03	AA26A	0.842

High value "Flyers":

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
BDD1117	G432624	28/11/2011	KM11242300	0.20	AA24TR	G432624	03/01/2012	KM11253508_KM11253506	2.51	AA24TR	0.852
BDD1117	G432624	28/11/2011	KM11242300	0.27	AA24A	G432624	03/01/2012	KM11253508_KM11253506	3.61	AA24A	0.861
BDD1117	G432621	28/11/2011	KM11242300	5.80	AA24A	G432621	03/01/2012	KM11253508_KM11253506	0.73	AA24A	0.776
BDD1117	G432620	28/11/2011	KM11242300	0.80	AA24A	G432620	03/01/2012	KM11253508_KM11253506	6.59	AA24A	0.783
BDD1117	G432616	28/11/2011	KM11242300	2.29	AA24TR	G432616	03/01/2012	KM11253508_KM11253506	0.27	AA24TR	0.789
BDD1117	G432620	28/11/2011	KM11242300	0.91	AA24D	G432620	03/01/2012	KM11253508_KM11253506	5.85	AA24D	0.731
BDD1116	G385934	17/11/2011	KM11231372	8.03	AA24TR	G385934	28/12/2011	KM11257771	1.31	AA26T	0.719
BDD1116	G385942	17/11/2011	KM11231372	0.33	AA24A	G385942	28/12/2011	KM11257771	1.82	AA26A	0.693
BDD1117	G432609	28/11/2011	KM11242300	2.29	AA24A	G432609	03/01/2012	KM11253508_KM11253506	0.65	AA24A	0.558
BDD1117	G432619	28/11/2011	KM11242300	5.31	AA24D	G432619	03/01/2012	KM11253508_KM11253506	1.66	AA24D	0.524
BDD1116	G385973	17/11/2011	KM11231372	5.17	AA24D	G385973	28/12/2011	KM11257771	2.02	AA26D	0.438
BDD1117	G432621	28/11/2011	KM11242300	6.13	AA24D	G432621	03/01/2012	KM11253508_KM11253506	0.83	AA24D	0.454
BDD1116	G385964	17/11/2011	KM11231372	4.43	AA24D	G385964	28/12/2011	KM11257771	1.60	AA26D	0.469

Highlight gold: Variance => 2SD's but retained in dataset

Absolute Mean Percentage Difference (**AMPD**)= 100 / n x Sum (IAu1-AuDI) / (Au1+ AuD)

where: **n** = Total number of duplicate pairs
Au1 = Original value
AuD = Duplicate value

AMPD = 100 /183 x 32.4
AMPD = 17.7%
The **AMPD** of 183 duplicate pairs in the range 0.10 - 10.55 ppm Au is 17.7%
The **AMPD** x 1.98 is the precision of the system.
Precision at the 95% confidence level is 35.0% in the range 0.10 - 10.55 ppm Au.

Table 12 lists the 10 highest AMD values exceeding 0.5 ppm Au.

Correlation of the dataset of 202 pairs displays appreciable separation of regression and diagonal lines (Figure 5). After removal of seven high variance pairs (Table 13), regression and diagonal are better matched but bias at 4ppm Au is 8% where the original assay (Au1) is higher than the re-assay result (AuD).

Precision of 28.6% in the resource range is acceptable considering the nature of the ore. Although samples were analysed at different dates, the bias of 8% should not be related to inter-batch calibration shift although this possibility has not been tested. Additionally, the highest variance pairs show a greater proportion of original results (Au1) exceeding the duplicate result (AuD). These are highlighted in blue in Table 12. As duplicates were taken from the same Kraft envelope, the disparity in results might indicate poor mixing within the envelope.

Table 11 List showing various precisions for different ranges of gold values[4].

Range ppm	n	Sum	P	
=>0.5-10.55	108	15.6	28.6	**Resource range**
=>0.5 <5	103	14.3	27.5	
=>0.5 <3	83	11.8	28.1	
=>0.3 < 0.6	30	6.2	42.2	**Cut-off range**

Table 12 List of highest 10 AMD values exceeding 0.5 ppm Au.

The highest 10 AMD values exceeding 0.5 ppm Au are:

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
KBDD11155	G385255	21/11/2011	KM11176008	2.48	AA24A	G385255	12/12/2011	KM11257770	1.24	AA26A	0.333
KBDD11160	G385979	17/11/2011	KM11231372	1.14	AA24D	G385979	28/12/2011	KM11257771	2.33	AA26D	0.343
KBDD11176	G432625	28/11/2011	KM11242300	1.68	AA24A	G432625	03/01/2012	KM11253530_8KM11253506	0.81	AA24A	0.349
KBDD11160	G385964	17/11/2011	KM11231372	2.40	AA24D4	G385964	28/12/2011	KM11257771	[illegible]	AA26D	[illegible]
KBDD11160	G385961	17/11/2011	KM11231372	7.13	AA24TR	G385961	28/12/2011	KM11257771	3.21	AA26T	0.379
KBDD11160	G385942	17/11/2011	KM11231372	0.74	AA24D4	G385942	28/12/2011	KM11257771	0.32	AA26D	0.396
KBDD11176	G432609	28/11/2011	KM11243300	1.71	AA24D	G432609	03/01/2012	KM11253508_KM11253506	0.72	AA24D	0.407
KBDD11160	G385991	17/11/2011	KM11231372	0.81	AA24D4	G385991	28/12/2011	KM11257771	2.07	AA26D	[illegible]
KBDD11176	G432609	28/11/2011	KM11242300	2.44	AA24TR	G432609	03/01/2012	KM11253508_KM11253506	0.93	AA24TR	[illegible]
KBDD11160	G385977	17/11/2011	KM11231372	0.70	AA24TR	G385977	28/12/2011	KM11257771	0.16	AA26T	0.628

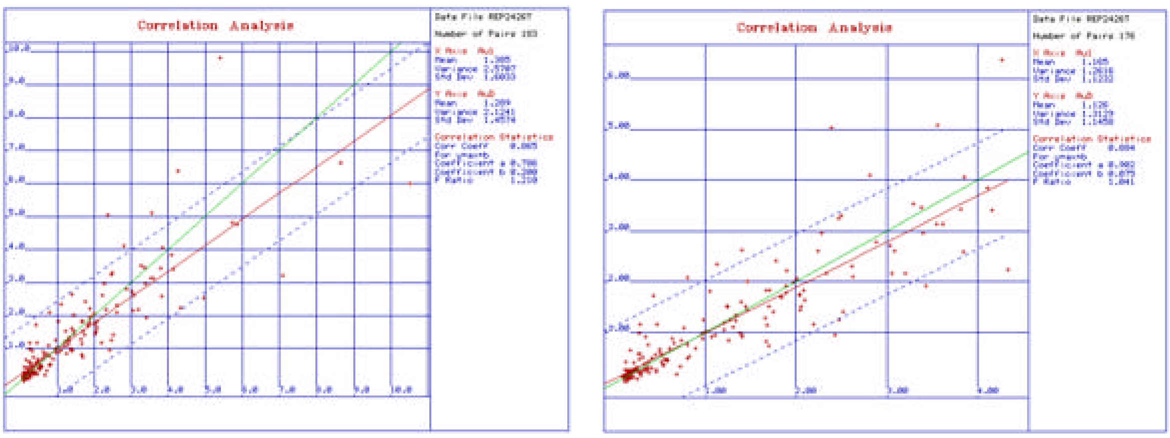


Figure 5 (a) Pulp duplicates Prep 31B (Lower Cut: 0.1 ppm Au). (b) Pulp duplicates Prep 31B: (Low Cut: 0.1ppm Au: -7 High variance pairs)

[4] **P** = Precision **n** = Number in dataset

Table 13 List of seven high variance pairs removed.

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
KBDD11160	G385962	17/11/2011	KM11231372	4.99	AA24A	G385962	28/12/2011	KM11257771	2.52	AA26A	0.329
KBDD11160	G385941	17/11/2011	KM11231372	5.42	AA24TR	G385941	28/12/2011	KM11257771	9.79	AA26T	0.287
KBDD11176	G432621	28/11/2011	KM11242300	5.76	AA24TR	G432621	03/01/2012	KM11253508 KM11253506	4.81	AA24TR	0.090
KBDD11176	G432614	28/11/2011	KM11242300	5.88	AA24D	G432614	03/01/2012	KM11253508 KM11253506	4.75	AA24D	0.106
KBDD11160	G385964	17/11/2011	KM11231372	7.13	AA24TR	G385964	28/12/2011	KM11257771	3.21	AA26T	0.379
KBDD11160	G385941	17/11/2011	KM11231372	8.66	AA24D	G385941	28/12/2011	KM11257771	6.60	AA26D	0.135
KBDD11160	G385941	17/11/2011	KM11231372	10.55	GRA22A	G385941	28/12/2011	KM11257771	5.99	AA26A	0.276

6.1.3 Pulp duplicates: Prep 31B with 4 analyses of 250g sub-samples

In this test the laboratory, under instruction from Xtra-Gold, first split samples into 4 x 250g sub-samples placed in separate Kraft envelopes (Figure 1). Each of these sub-samples was then analysed by Fire Assay using a 50g charge with an ore grade (0.01ppm) or geochemical (0.005ppm) detection limit. *At a later date, all remnant pulp in the Kraft envelopes was re-analysed.* Sample identification numbers were not changed.

A total of 1012 samples were analysed four times and these included both gravimetric determinations (9 Samples), Prep 22 (20 Samples) and Prep 31 (64 samples) and Prep 31B (929 samples). Only the results of Prep 31B are considered in this report.

Prep 31B results were extracted from the dataset and the mean of the duplicates for each sample was calculated, both for the original assays and the duplicate assays. This gave 211 mean pairs. Pairs where both means were below 0.1ppm Au were extracted from the database and the resultant pairs, totalling 57, were used for assessment (At this juncture it may be asked why, after analysing 1012 pairs representing 253 samples, only 57 remain for analysis. This is because samples were re-analysed randomly without first considering the grade of the original result. Therefore, when mean results below 0.1ppm Au were extracted from the dataset, only 57 pairs remained).

No attempt was made to visually remove “Flyers”. Precision of the total dataset is 19.0% in the range 0.02-7.19ppm Au. In the resource range, precision is 30.6% (Table 14).

Aggregate mean of all original results vs re-assayed samples, based on 35 pairs, shows moderate difference with a mean of 2.02ppm Au $\pm$ 7.4% (Table 15).

Correlation of the total dataset displays divergence between regression and diagonal lines (Figure 6). When two high variance pairs distorting the data are removed, the divergence is reduced (Table 16). Bias is zero at 0.7ppm Au increasing to 14% at 7ppm Au.

Both correlation diagrams show the tentative presence of a second regression line defined by four points (Table 17). This line lies below, and almost parallels, the main regression. Such secondary lines are very rare and usually herald either a very marked calibration break or consistent error associated with data reduction over a very short period. There is insufficient time to investigate this in depth but a marked calibration shift is not evident on the standard time variation diagrams (On a batch basis, a shift may occur if the Reporting Chemist fails to multiply the results by 2 if a 25g charge is used. This would cause a 100% shift but this is not observed; the shift is a straight line 1ppm Au where Au1>AuD).

Discrepancy between the means of the original and re-assay data is greater than that observed with quarter core re-assay (Section 0). This may reflect the limited number of 35 pairs used in assessing the pulp duplicates. Regression on the correlation indicates Au1 is greater than AuD which is in accord with the average grade associated with the means.

Table 14 (a) List of precisions for various ranges of gold values. (b) List of the 10 highest AMD values exceeding 0.5 ppm Au.

All results by Prep. 31B with AA24 or AA26 analysis

Highlight red Variance =>2 SD's but retained in dataset

Absolute Mean Percentage Difference (**AMPD**)= 100 / n x Sum (|Au1-AuD|) / (Au1+AuD)

where: **n** = Total number of duplicate pairs
Au1 = Original average of four results
AuD = Average of four results from re-submitted samples

AMPD = 100 /57 x 8.3
AMPD = 9.5%
The **AMPD** of 57 duplicate pairs in the range 0.02 - 7.19 ppm Au is 9.5%
The **AMPD** x 2.00 is the precision of the system

Precision at the 95% confidence level is 19.0% in the range 0.02 - 7.19 ppm Au.

Precision for other ranges is:

Range ppm	n	Sum	P	
=>0.5-7.19	36	5.4	30.6	**Resource range**

P = Precision **n** = Number in dataset

The highest 10 AMD values exceeding 0.5 ppm Au are:

HoleID	SpleID	Date	Batch	Au1	DupID	DUP Date	DUP Batch	AuD	AMD
KBDD11160	G385964	17/11/2011	KM11231372	4.58	G385964	28/12/2011	KM11257771	3.02	**0.206**
KBDD11160	G385942	17/11/2011	KM11231372	0.59	G385942	28/12/2011	KM11257771	0.94	**0.229**
KBDD11176	G432612	28/11/2011	KM11242300	2.31	G432612	03/01/2012	253508_KM11	1.41	**0.240**
KBDD11176	G432619	28/11/2011	KM11242300	3.53	G432619	03/01/2012	253508_KM11	2.02	**0.272**
KBDD11160	G385934	17/11/2011	KM11231372	2.86	G385934	28/12/2011	KM11257771	1.47	**0.320**
KBDD11160	G385928	17/11/2011	KM11231372	0.37	G385928	28/12/2011	KM11257771	0.78	**0.355**
KBDD11176	G432609	28/11/2011	KM11242300	2.15	G432609	03/01/2012	253508_KM11	0.77	**0.474**
KBDD11176	G432621	28/11/2011	KM11242300	5.96	G432621	03/01/2012	253508_KM11	2.12	**0.475**
KBDD11176	G432620	28/11/2011	KM11242300	0.79	G432620	03/01/2012	253508_KM11	4.44	**0.699**
KBDD11176	G432624	28/11/2011	KM11242300	0.25	G432624	03/01/2012	253508_KM11	2.10	**0.785**

Table 15 Comparison of aggregate means for original assays (Au1) and re-assayed samples (AuD)

	Mean Au1	Std Dev	Mean AuD	Std Dev
Result =->0.5ppm Au sorted by AuD	**2.16**	1.605	**1.88**	1.385
Result =->0.5ppm Au sorted by AuD	**2.31**	1.586	**2.01**	1.383

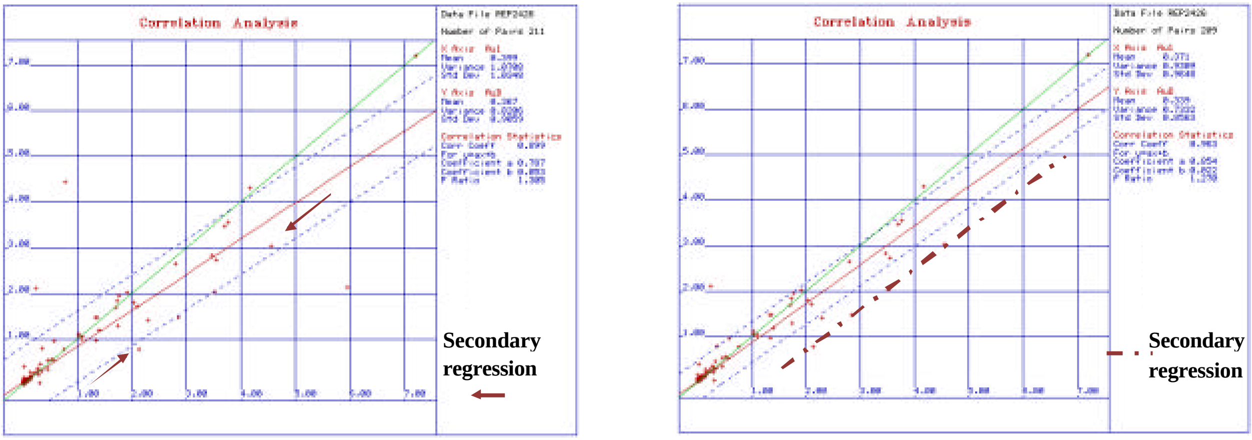


Figure 6 (a) Correlation of means: Pulp re-sampling (Prep 31B: Methods A24 and A26: Total Data). (b) Correlation of means: Pulp re-sampling (Two high variance pairs omitted)

Table 16 List of high variance pairs omitted.

HoleID	SpleID	Date	Batch	Au1	DupID	DUP Date	DUP Batch	AuD
KBDD11176	G432621	28/11/2011	KM11242300	5.96	G432621	03/01/2012	KM11253508_KM11253506	2.12
KBDD11176	G432620	28/11/2011	KM11242300	0.79	G432620	03/01/2012	KM11253508_KM11253506	4.44

Table 17 List of results defining the apparent secondary regression line:

HoleID	SpleID	Date	Batch	Au1	DupID	DUP Date	DUP Batch	AuD
KBDD11160	G385964	17/11/2011	KM11231372	4.58	G385964	28/12/2011	KM11257771	3.02
KBDD11176	G432619	28/11/2011	KM11242300	3.53	G432619	03/01/2012	KM11253508_KM11253506	2.02
KBDD11160	G385934	17/11/2011	KM11231372	2.86	G385934	28/12/2011	KM11257771	1.47
KBDD11176	G432609	28/11/2011	KM11242300	2.15	G432609	03/01/2012	KM11253508_KM11253506	0.77

6.2 Laboratory Duplicates

In the course of analysing Xtra-Gold's samples, the laboratory took 1898 duplicates samples. Samples were randomly chosen by the LIMS (Laboratory Information Management System) operated by the laboratory. Duplicates consisted of conventional 50g Fire Assays together with gravimetric and Screen Fire Assay determinations. Duplicates represent a second 50g sample taken from the same Kraft envelope as the original. From the total samples analysed, 1393 are below 0.10ppm Au and are not considered in this assessment. Of the remaining 505 samples, 420 are associated with ore or geochemical grade detection by Fire Assay, with 53 by Screen Fire Assay and 32 gravimetric determinations.

6.2.1 Fire Assay duplicates

Precision of the dataset after removal of eight low value, high variance, pairs is 8.9% in the range 0.10-21.70ppm Au (Appendix 8, Table 18). In the resource range, 0.5-21.70ppm Au, precision is 9.7% and in the cut-off range, 0.3-0.6ppm Au, precision is 11.5 percent. Results exceeding 2 standard deviations were retained in the database.

Table 18 (a) List of low value high variance pairs omitted from assessment. (b) List of precisions for various ranges of gold values. (c) List of the 10 highest AMD values exceeding 0.5 ppm Au.

Low value high variance pairs omitted from assessment:

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD11154	G384950	0.01	21/11/2011	0.10	AA24A	0.818
KBDD10102	G471586	0.01	13/05/2011	0.13	AA24	0.857
KBDD11174	G381053	0.04	28/11/2011	0.68	AA24TR	0.889
KBDD12191	G422634	0.05	25/03/2012	0.14	AA26A	0.474
KBRC09022	H803779	0.06	22/07/2009	0.14	AA24	0.400
KBDD12191	G422628	0.06	25/03/2012	0.14	AA26A	0.400
KBDD11154	G384906	0.34	21/11/2011	0.15	AA24A	0.384
KBDD11147	G383146	0.24	10/07/2011	0.12	AA24	0.335

Note: Sample numbers may be repeated: These are replicates of the same sample

Highlight red: Variance =>2 SD's but retained in dataset

Absolute Mean Percentage Difference (**AMPD)**= 100 / n x Sum (IAu1-AuDI) / (Au1+ AuD)

where: **n** = Total number of duplicate pairs
Au1 = Original value (AA24/AA26)
AuD = Duplicate value (AA24/AA26)

AMPD = 100 /412 x 18.7
AMPD = 4.5%
The **AMPD** of 412 duplicate pairs in the range 0.1 - 21.70 ppm Au is 4.5%
The **AMPD** x 1.98 is the precision of the system.

Precision at the 95% confidence level is 8.9% in the range 0.1 - 21.70 ppm Au.

Precision for other ranges is:

Range ppm	n	Sum	P	
=>0.5-21.70	250	12.2	9.7	**Resource range**
=>0.3 < 0.6	75	4.3	11.5	**Cut-off range**
=>0.5<10	238	12	10.0	
=>0.5<5	226	11.7	10.3	

P = Precision **n** = Number in dataset

The highest 10 AMD values exceeding 0.5 ppm Au are:

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD12196	G423479	0.62	14/03/2012	1.28	AA26T	0.347
KBDD11171	G381563	1.13	12/02/2011	2.39	AA24D	0.360
KBDD12187	G421462	0.31	29/02/2012	0.68	AA26A	0.374
KBDD11157	G385582	1.08	21/11/2011	0.42	AA24A	0.440
KBDD11134	G466383	3.95	21/08/2011	1.47	AA24	0.458
KBDD11184	G420991	0.18	03/09/2012	0.49	AA26T	0.463
KBDD12189	G422280	0.38	29/02/2012	1.07	AA26T	0.476
KBDD11184	G420936	0.61	03/09/2012	2.21	AA26A	0.567
KBDD12189	G422280	0.27	29/02/2012	1.07	AA26D	0.597
KBDD11184	G420936	0.40	03/09/2012	2.21	AA26T	0.693

Correlation of the total dataset shows close coincidence between regression and diagonal lines (Figure 7). There is a weak bias of 1% where AuD.Au1 but this is through distortion of one high value. Cutting results above 5ppm Au, regression and diagonal lines are coincident; there is no bias.

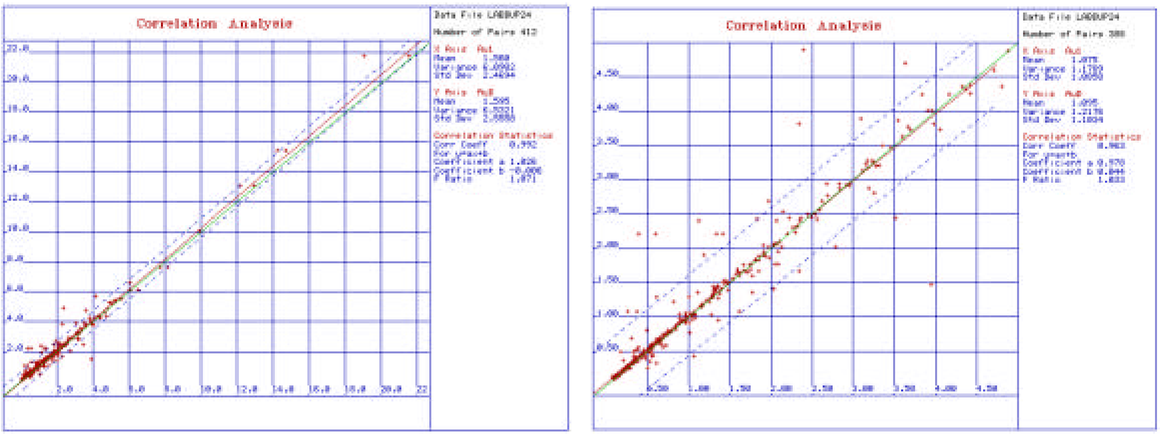


Figure 7 (a) Correlation: Laboratory Duplicates (Total data). (b) Correlation: Laboratory Duplicates (Upper Cut: 5ppm Au)

6.2.2 Gravimetric duplicates

Precision of the dataset, with 32 pairs, is 4.1% in the range 9.40-274.00ppm Au (Table 19). Correlation of the total dataset shows near-coincidence between regression and diagonal lines but this could be influenced by one very high result (Figure 8). Cutting results to 40ppm Au, regression and diagonals are coincident; there is no bias although one "Flyer" is observed.

Table 19 List of the 5 highest AMD values.

Absolute Mean Percentage Difference (**AMPD)**= 100 / n x Sum (IAu1-AuDI) / (Au1+ AuD)

where: **n** = Total number of duplicate pairs
Au1 = Original value
AuD = Duplicate value

AMPD = 100 /32 x 0.65
AMPD = 2.0%
The **AMPD** of 32 duplicate pairs by gravimetric method in the range 9.40 - 274.00 ppm Au is 2.0%
The **AMPD** x 2.04 is the precision of the system.

Precision at the 95% confidence level is 4.1% in the range 9.40 - 274.00 ppm Au.

The highest 5 AMD values are:

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBRC09019	H803484	25.10	22/07/2009	26.00	GRA22	0.018
KBD08006	H800952	31.30	18/11/2008	34.30	GRA22	0.046
KBRC09068	G489876	19.50	27/01/2010	16.60	GRA22	0.080
KBDD11172	G381688	18.20	12/02/2011	22.00	GRA22D	0.095
KBDD11143	G469594	20.80	11/09/2011	11.50	GRA22	0.288

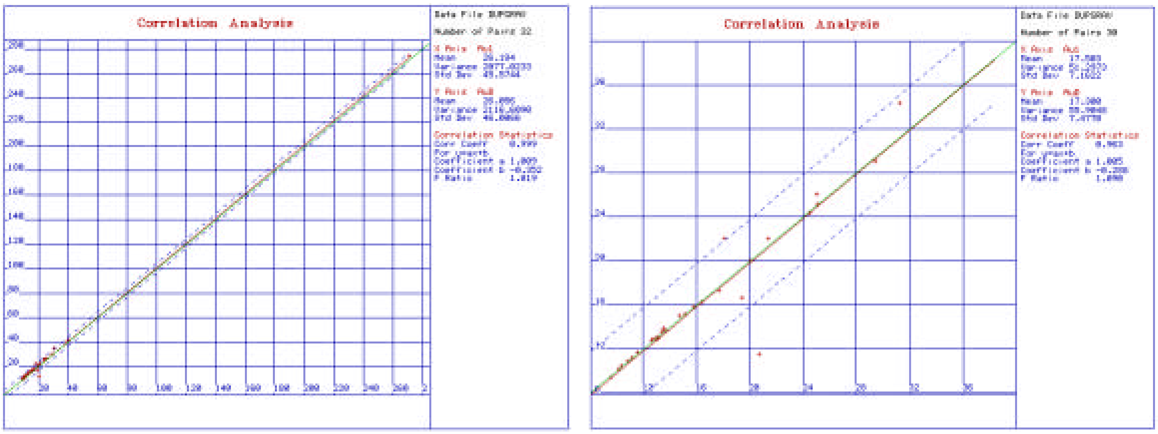


Figure 8 (a) Correlation: Gravimetric duplicates (Total Data). (b) Correlation: Gravimetric duplicates (Upper Cut: 40ppm Au).

6.2.3 Screen Fire Assay

Precision of the dataset, with 53 pairs, is 8.4% in the range 0.11-6.34ppm Au. In the resource range, 0.5-6.34ppm Au, precision is 8.9%. Results exceeding 2 standard deviations were retained in the database.

Correlation of the total data, with 53 pairs, shows slight divergence between regression and diagonal (Figure 9). Removing three high variance pairs, the resultant correlation shows close coincidence between regression and diagonal lines (Table 21).

Table 20 (a) List of precisions for various ranges of gold values. (b) List of the 5 highest AMD values exceeding 0.5 ppm Au.

Absolute Mean Percentage Difference (**AMPD)**= 100 / n x Sum (IAu1-AuDI) / (Au1+ AuD)

where: **n** = Total number of duplicate pairs
Au1 = Original value
AuD = Duplicate value

AMPD = 100 /53 x 2.2
AMPD = 4.2%
The **AMPD** of du35plicate pairs for Screen Fire Assay in the range 0.11 - 6.34 ppm Au is 4.2%
The **AMPD** x 2.00 is the precision of the system.

Precision at the 95% confidence level is 8.4% in the range 0.11 - 6.34 ppm Au.

Precision for other ranges is:

Range ppm	n	Sum	P	
=>0.5-6.34	37	1.61	8.9	**Resource range**

P = Precision **n** = Number in dataset

The highest 5 AMD values exceeding 0.5ppm Au are:

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD11108	G472712	0.95	09/04/2011	0.83	SCRAA26	0.067
KBDD10090	G372018	1.54	22/12/2010	1.24	SCRAA26D	0.108
KBDD10101	G471345	4.63	02/02/2011	3.71	SCRAA26	0.110
KBDD11113	G474061	1.40	30/08/2011	2.60	SCRAA26D	0.300
KBDD11113	G474061	1.14	30/08/2011	2.60	SCRAA26	0.390

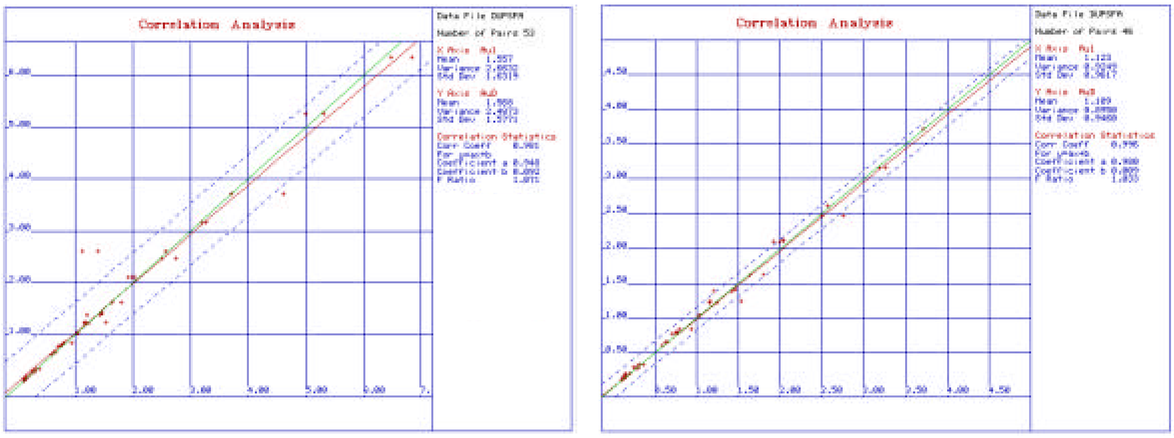


Figure 9 (a) Correlation Screen Fire Assay duplicates (Total data). (b) Correlation Duplicates: Screen Fire Assay (3 high variance pairs removed: Upper Cut: 5ppm Au).

Table 21 List of high variance pairs removed.

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD10101	G471345	4.63	02/02/2011	3.71	SCRAA26	0.110
KBDD11113	G474061	1.40	30/08/2011	2.60	SCRAA26D	0.300
KBDD11113	G474061	1.14	30/08/2011	2.60	SCRAA26	0.390

6.2.4 Discussion

Precision obtained by laboratory duplicates is substantially better than the precision of Xtra-Gold's pulp duplicates. Procedure is the same; both sets take 50g fom the original Kraft envelope (Table 22).

The discrepancy is not related to "Inaccuracies" of the laboratory but reflects the internal QC attached to reporting (If the Reporting Chemist sees a duplicate pair of 2.52 and 0.6ppm Au, he/she will immediately call for checks on both samples. Separate 50g will be re-analysed and ultimately a close match will be achieved. The Reporting Chemist is unaware of the duplicate values of Xtra-Gold's duplicates thus re-analysis is not called. This situation is analogous to results achieved from internal laboratory standards).

Table 22 Comparison of Xtra-Gold pulp duplicates, Laboratory duplicates and Laboratory checks

	Precision		
	Dataset (=>0.1ppm Au)	Resource range =>0.5ppm Au)	Cut-off range (0.3-0.6ppm Au)
Laboratory Dups	8.9	9.7	11.5
Laboratory Checks	14.2	13.2	14.4
Xtra-Gold pulp Dups	17.7	28.6	42.2

7 LABORATORY CHECK REPEATS

Laboratory check repeats are a separate 50g sample taken from the same pulp envelope as the original sample. Checks are automatically assigned by the LIMS but also represent re-assays called by the Reporting Chemist in order to validate high results or results that are out of sequence. At one stage the laboratory did not take check repeats for reasons unknown to the Writer. This situation was addressed and rectified by Xtra-Gold. In general, check repeats are carried out later than the original assay and may be subject to weak inter-batch calibration drift.

A total of 468 checks are reported, and seven of these classified as “Flyers” were omitted from assessment (Table 23). Precision of the dataset is 14.2% in the range 0.01-9.32ppm Au. In the resource range, 0.5-9.32ppm, precision slightly improves to 13.2%. In the cut-off range, 0.30-0.60ppm, precision is 14.4% (Table 24).

Correlation of the dataset excluding “Flyers” shows weak divergence between regression and diagonal lines (Figure 10). Cutting results above 5ppm Au, the divergence persists but there is distortion from two high variance pairs. Removal of the high variance pairs shows coincidence between regression and diagonal; there is no bias (Table 25, Figure 11).

Accuracy of results, demonstrated by regression characteristics on the correlation diagrams, is comparable for laboratory duplicate and check repeats. Precision of check repeats is better than Xtra-Gold pulp re-assay samples but shows slight deterioration compared to laboratory duplicates. This deterioration is common and related, in part, to weak calibration drift. In general, precision and accuracy achieved for laboratory check assays is acceptable.

Table 23 List of “flyers” omitted from assessment.

"Flyers" omitted from assessment:

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09068	G489923	10/07/2009	KM09104239	1.93	0.78	AA24	0.424
KBD08017	H802636	12/03/2008	KM08167145	0.13	0.05	AA24	0.444
KBD08017	H802599	12/03/2008	KM08167144	0.34	0.13	AA24	0.447
KBD08010	H803192	29/12/2008	KM08176290	0.11	0.03	AA24	0.571
KBD08014	H802182	12/03/2008	KM08167142	1.41	6.17	AA24	0.628
KBD08016	H802433	12/03/2008	KM08167143	0.80	0.01	AA24	0.975
KBRC09042	G487116	09/09/2009	KM09088045	8.49	13.50	AA24	0.228

Table 24 (a) List of precisions for various gold values. (b) List of the 10 highest AMD values exceeding 0.5 ppm Au.

Absolute Mean Percentage Difference (**AMPD**)= 100 / n x Sum (IAu1-AuRI) / (Au1+ AuR)

where: **n** = Total number of check repeat pairs

Au1 = Original value

AuCR = Check Repeat value

AMPD = 100 /461 x 33.1

AMPD = 7.2%

The **AMPD** of 461 check repeat pairs in the range 0.01 - 9.32 ppm Au is 7.2%

The **AMPD** x 1.98 is the precision of the system.

Precision at the 95% confidence level is 14.2% in the range 0.01 -9.32ppm Au.

Precision for other ranges is:

Range ppm	n	Sum	P	
=>0.1-9.32	323	23.1	14.2	
=>0.5-9.32	198	13.2	13.2	**Precision in resource range at 0.5 cut**
=>0.5<5	176	11.3	12.7	
=>0.3 < 0.6	68	4.9	14.4	**Precision in the cut-off range**

P = Precision **n** = Number in dataset

The highest 10 AMD values exceeding 0.5 ppm Au are:

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBDD10071	G370411	18/10/2010	KM10145779	0.69	1.04	AA24	0.202
KBD08014	H802101	12/03/2008	KM08167142	0.64	0.97	AA24	0.205
KBRC09068	G489933	10/07/2009	KM09104239	2.17	1.43	AA24	0.206
KBRC09062	G489291	30/09/2009	KM09103354	2.20	3.50	AA24	0.228
KBRC09062	G489184	30/09/2009	KM09103353	2.05	1.27	AA24	0.235
KBDD10071	G370295	18/10/2010	KM10145779	2.47	1.51	AA24	0.241
KBRC09020	H803624	22/07/2009	KM09070671	5.76	3.52	AA24	0.241
KBRC09019	H803498	22/07/2009	KM09070671	1.02	1.74	AA24	0.261
KBRC09060	G489015	30/09/2009	KM09103353	3.99	2.26	AA24	0.277
KBD08014	H802094	12/03/2008	KM08167142	0.53	0.27	AA24	0.325

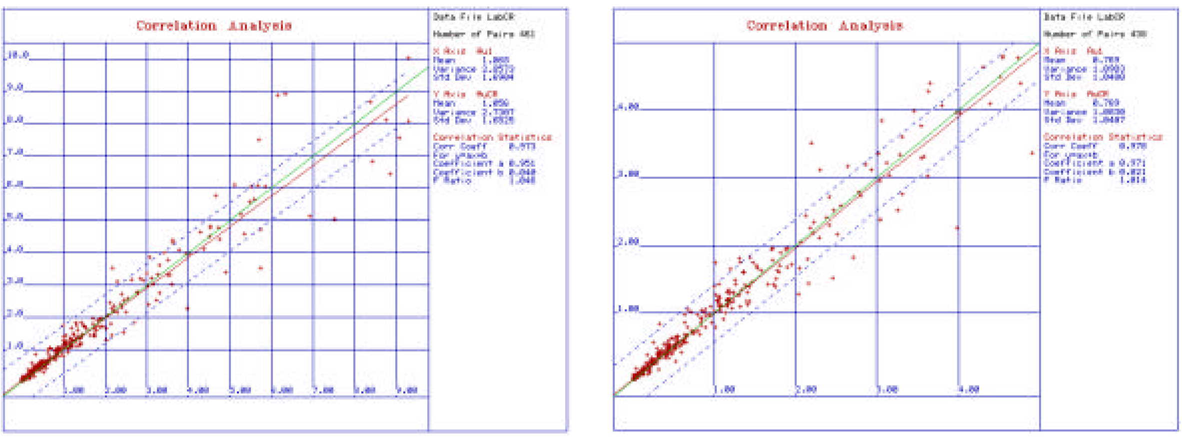


Figure 10 (a) Correlation: Lab Check Repeats Method AA24 (Total data excluding Flyers). (b) Correlation: Check Repeats Method AA24 (Upper Cut: 5 ppm Au excluding Flyers).

Table 25 List of “flyers” removed.

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09068	G489923	10/07/2009	KM09104239	1.93	0.78	AA24	0.424
KBD08017	H802636	12/03/2008	KM08167145	0.13	0.05	AA24	0.444
KBD08017	H802599	12/03/2008	KM08167144	0.34	0.13	AA24	0.447
KBD08010	H803192	29/12/2008	KM08176290	0.11	0.03	AA24	0.571
KBD08014	H802182	12/03/2008	KM08167142	1.41	6.17	AA24	0.628
KBD08016	H802433	12/03/2008	KM08167143	0.80	0.01	AA24	0.975
KBRC09042	G487116	09/09/2009	KM09088045	8.49	13.50	AA24	0.228

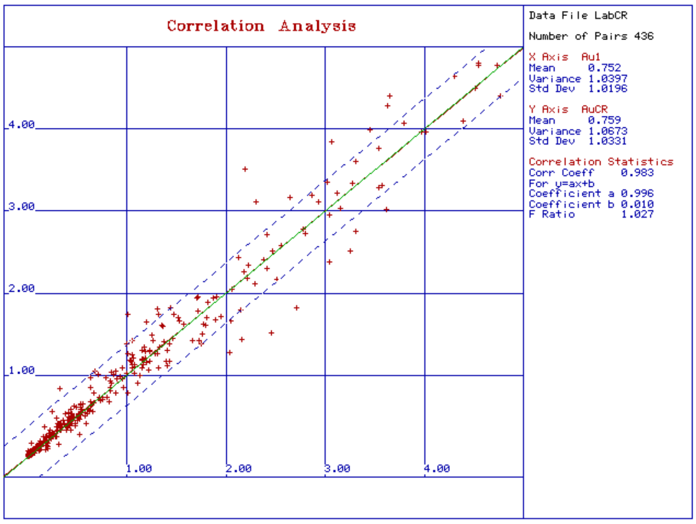


Figure 11 Correlation Check Repeats Method AA24 (Upper Cut: 5 ppm Au excl. Flyers and two high variance pairs(Table 26)).

Table 26 List of two high variance pairs omitted.

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09060	G489015	30/09/2009	KM09103353	3.99	2.26	AA24	0.277
KBRC09021	H803690	22/07/2009	KM09070672	4.92	3.36	AA24	0.188

8 QUARTER CORE RE-ASSAY

Although the report assesses the varied data files compiled during exploration, the most pertinent test of any drill campaign is *independent* re-assay of core. To this end, eight mineralised intersections were selected by SEMS Exploration targeting the Big Bend, East Dyke, Mushroom, Double 19 and South Ridge zones. Integrating the different zones obviates possible geochemical differences that might exist between the zones, especially with respect to their pyrite-pyrrhotite association.

8.1 Sampling protocol

Protocols adopted by SEMS in their resampling are:

- Sampling was conducted only by SEMS personnel headed by Joe Amanor
- Selection of sampling intervals was based on litho- and sampling logs supplied by Xtra-Gold and sampling marks noted on the half core
- Sample sections of half core were selected and cut to provide quarter core for analysis. Cutting was performed at Xtra-Gold's sample preparation yard by an Xtra-Gold employee under supervision of SEMS
- Cut samples were immediately washed to remove remnant cutting mud and placed in to a numbered self-sealing plastic bag. A sample tag was additionally placed in the bag
- Internationally recognised standards and blanks were inserted at pre-selected positions defined in the sampling tag book. Approximately 1 in 20 blanks and standards were inserted. Additionally, pre-selected numbers were defined for duplicate analysis at the laboratory
- One sample was not selected from the previous sampling schedule as the interval contained strong visible gold and the entire core was previously removed. This occurred in Hole KBDD10101, original sample G471346, interval: 157-158 metres
- Bagged samples were kept under lock-and-key pending submission to ALS Chemex, Kumasi
- Sample submission sheets defined the sample preparation to be carried out and identified all samples as containing sulphides

8.2 Sample preparation and Assay protocol

Sample submission specified crushing and pulverising of the ***entire*** sample to 90% passing -200mesh (75µm) ***without*** splitting. Following pulverisation, the entire pulp for each sample was matrolled, coned-and-quartered. From each quarter, 250g was fractionally shovelled into four separate Kraft envelopes. A sub-sample of 50g was taken from each envelope and separately analysed for gold by Fire Assay to a detection of 0.01ppm gold.

8.3 Results

A total of 356 field samples were submitted excluding blanks, standards and duplicates. Results were validated through reference to laboratory certificates. The data was then ordered and all high variance low-value results, where *both* original and re-assay grades were below

0.5ppm, were removed from the dataset. Precision of the remaining dataset was calculated and correlation diagrams constructed.

The precision of the total dataset, with 324 pairs, is 49.9% in the range 0.01-46.08ppm gold. Excluding results below 0.1ppm Au, precision is little changed at 49.2% (Table 27). In the reserve grade range 0.5-46.08ppm, precision is 48.3% and increases to 58.7% in the cut-off range 0.3-0.6ppm gold. There is little change in precision comparing cuts at 5, 10 and 20ppm Au. This tentatively suggests the presence of very fine particulate gold throughout the grade range as well as coarser, visible, gold.

The 10 highest variance pairs show a bias where the majority of re-assay values (AuNew) are higher than the original value (AuOR). In part, the variance found in results may be attributed to different analytical techniques used in the original assays. The majority were carried out using Prep 22 but incorporating Screen Fire and gravimetric finishes as well as conventional 50g Fire Assay. Additionally, Prep 31B (Splitting of 1000g) was also adopted. This contrasts with the resampling programme where only Prep 22 was performed with 50g Fire Assay. It is not coincidence that the highest variance is observed between gravimetric and Screen Fire Assays carried out on original samples compared to 4-split duplicate analysis and 50g Fire Assay on re-assayed samples.

Absolute Mean Percentage Difference (**AMPD**)= 100 / n x Sum (IAu1-AuDI) / (Au1+ AuD)

where: **n** = Total number of duplicate pairs
AuOR = Original value
AuNew = Re-assay value

AMPD = 100 /324 x 81.8
AMPD = 25.2%
The **AMPD** of 324 re-assay pairs in the range 0.01 - 46.08 ppm Au is 25.2%
The **AMPD** x 1.98 is the precision of the system.

Precision at the 95% confidence level is 49.9% in the range 0.01 - 46.08 ppm Au.

A list of the highest 10 AMD values exceeding 0.5 ppm Au is shown in Table 28.

Table 27 List of precisions for various ranges of gold values[5].

Range ppm	n	Sum	P	
=>0.1-46.08	296	73.5	49.2	
=>0.5<20	243	58.2	47.4	
=>0.5<10	237	56.6	47.3	
=>0.5<5	205	46.9	45.3	
=>0.5-46.08	247	60.2	48.3	**Resource range**
=>0.3 < 0.6	41	11.8	58.7	**Cut-off range**

[5] **P** = Precision **n** = Number in dataset

Table 28 List of the highest 10 AMD values exceeding 0.5 ppm Au (AuNew).

HoleID	SpleIDOR	Analysis	AuOR	SpleIDNew	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD11108	G472825	SCR22	0.13	G419541	0.56	0.73	0.43	0.49	0.55	0.619
KBDD10086	G371408	AA24-GRA22	2.59	G419820	0.24	0.27	1.07	0.7	0.57	0.639
KBDD10086	G371463	AA24-GRA22	5.30	G419848	0.88	1.92	0.74	0.47	1.00	0.682
KBDD10086	G371461	AA24-GRA22	1.14	G419847	10.2	7.06	7.05	9.64	8.49	0.764
KBDD11105	G472053	SCR22	0.67	G419625	7.33	6.86	5.93	4.78	6.23	0.806
KBDD11105	G472060	SCR22	3.42	G419630	35.5	30.9	39.7	37.9	36.00	0.826
KBDD10099	G470827	AA24-GRA22	0.62	G419695	7.89	6.18	8.86	7.65	7.65	0.851
KBDD10101	G471311	AA24-GRA22	0.05	G424017	0.02	0.02	2.87	0.03	0.74	0.865
KBDD10086	G371410	AA24-GRA22	0.12	G419823	2.84	3.81	3.39	6.83	4.22	0.946
KBDD10086	G371458	AA24-GRA22	0.06	G419845	2.99	3.3	2.63	1.67	2.65	0.953

Correlation of the dataset, omitting low value high variance pairs and results below 0.1ppm Au, is shown in Figure 12. Divergence between regression and diagonal is present. Omitting 11 high variance pairs shows little improvement although the majority of original assays in the excluded data are higher than the re-assay values (Table 29). Cutting results above 5ppm Au, shows similar disparity between regression and diagonal lines suggesting bias where the re-assay value is higher than the original result (Figure 13).

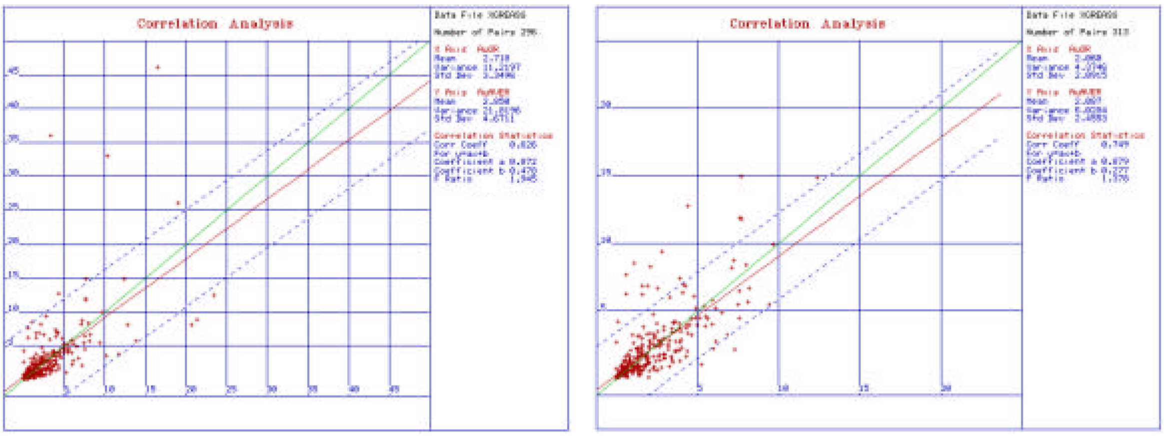


Figure 12 (a) Correlation re-assay (Lower Cut: 0.1ppm Au) (b) Correlation re-assay (Lower Cut: 0.1ppm Au high variance pairs omitted).

Table 29 List of eleven high variance pairs omitted from analysis.

HoleID	SpleIDOR	Method	Analysis	AuOR	SpleIDNew	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD11176	G432613	Prep31B	AA24-GRA22	23.50	G419666	13.95	9.19	13.95	12.6	12.42	0.308
KBDD11172	G381688	Prep31B	AA24-GRA22	21.43	G419648	9.66	9.07	10.4	6.29	8.86	0.415
KBDD11143	G469594	Prep22	AA24-GRA22	20.80	G419747	5.94	6.69	10.85	8.49	7.99	0.445
KBDD10091	G372403	Prep22	SCR22	16.55	G419811	39.7	43.9	46	54.7	46.08	0.471
KBDD11105	G472060	Prep22	SCR22	3.42	G419630	35.5	30.9	39.7	37.9	36.00	0.826
KBDD11172	G381697	Prep31B	AA24-GRA22	10.34	G419658	24.4	18.8	31.1	57.1	32.85	0.521
KBDD11176	G432611	Prep31B	AA24-GRA22	13.95	G419663	5.14	5.59	6.62	5.19	5.64	0.425
KBDD11176	G432617	Prep31B	AA24-GRA22	12.95	G419671	8	6.38	7.96	9.98	8.08	0.232
KBDD10101	G471336	Prep22	SCR22	11.85	G424039	5.63	2.67	3.24	3.81	3.84	0.511
KBDD10101	G471334	Prep22	SCR22	10.25	G424036	3.28	3.56	3.58	3.64	3.52	0.489
KBDD11108	G472804	Prep22	SCR22	9.52	G419520	5.73	5.53	5.12	5.36	5.44	0.273

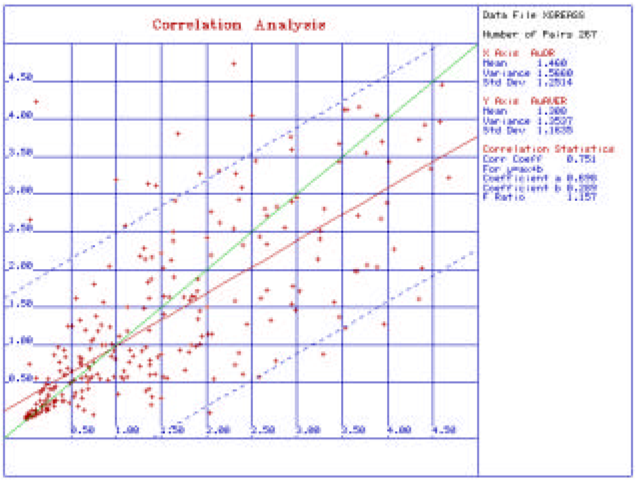


Figure 13 Correlation re-assay (Lower Cut: 0.5; Upper Cut: 5ppm Au).

Apparent bias is further investigated by comparing means of the dataset using all grade equal to or greater than 0.5ppm gold (Table 30).

Table 30 Comparison of mean grades: Original vs Re-assay grade

	Au original		**Au re-assay**	
	Mean	**Std Dev**	**Mean**	**Std Dev**
Mean grade for results where AuAV =>0.5ppm Au to 46.08ppm Au	3.17	3.491	3.36	4.957
Mean grade for results where AuOR =>0.5ppm Au to 46.08ppm Au	3.16	3.488	3.35	4.950

Little difference is found ordering the data first by the original and then by the re-assay results. Grade of the original is 3.17ppm Au while the re-assay gives 3.36ppm Au. This difference is in the same sense as observed in the correlation diagrams. However, the severity of discordance - approximately 25% - is not explained.

Difference between the means of the dataset is 6.0%, where the re-assay result is higher than the original result. Considering the particulate nature of the ore, the close comparison of the two grades is good especially when considering quarter core is being compared with half core. It could be argued that the original result should be closer to the “True” grade as both Screen Fire Assay and gravimetric methods were applied in analysis of the first results. This does not, however, hold true for gravimetric determinations based on Prep 31B where 1000g is split prior to analysis.

Finally, the total dataset was separated according to analytical techniques used in the original sampling programme. Means were calculated in the same manner as Table 30 and are shown in Table 31.

Table 31 Means or original and re-assay results by analytical method[6].

Method	n	Mean Original (ppm)	Mean Re-assay (ppm)
Undifferentiated	356	3.17	3.36
Screen Fire Assay	73	3.28	3.56
Gravimetric	170	2.91	2.94
AA24/26 x 4	14	4.19	5.02

8.4 Discussion

Close coincidence is seen comparing gravimetric results (Table 31). The largest discrepancy is observed with Screen Fires. Screening is carried out on 1kg of *split* sample. Splitting will lead to error. Laboratories under pressure are loathe to carry out Screen Fires as they are time consuming and processing requires skilled personnel who cannot usually be spared. There are two potential areas of gold loss in screening. The first occurs in drying the oversize containing particulate gold. Oversize is placed in a beaker and placed on a hotplate. When dry, the oversize is poured into a Kraft envelope prior to Fire Assay of the total amount of oversize. Invariably, a residue with fine gold remains at the bottom of the beaker and this can only be removed using a fine paint brush. If not removed there will be loss of gold. Secondly, the tails must be dried and analysed in duplicate. Drying is usually accomplished using a water press resulting in a cake which is then dried in the oven. This procedure may have a detrimental impact if there is very fine, sub 75µm, gold in the system.

The mean grade of original and re-assay data from mineralisation in eight holes firmly underlines the accuracy achieved during analysis (Table 30). In this respect, re-assay data also substantiates acceptable bias displayed through assessment of standards submitted by Xtra-Gold. It further corroborates Xtra-Gold's decision to replace the Screen Fire Assay technique with multiple duplicate analyses of samples to better define accurate grade.

Finally, comparison is made between precisions determined from various sample types (Table 32). Without question, precision of the re-assay data is far worse than other datasets and this is portrayed as high scatter on the correlation diagrams. However, it is not the degree of scatter- variance- which is important; it is the comparable accuracy of the average grade in the dataset which determines the reliability of the grade. The quarter core re-assay programme demonstrates this accuracy and, with it, the reliability of the average grade used in the resource estimate.

[6] **n:** Number in dataset

Undifferentiated: Combined results irrespective of method or analysis

AA24/AA26 x 4: This is directly comparable to the method applied during re-assay. With only 14 pairs, the results cannot be considered representative and are discarded

Table 32 Comparison of precision and sample types

	Precision		
	Dataset (=>0.1ppm Au)	Resource range =>0.5ppm Au)	Cut-off range (0.3-0.6ppm Au)
Laboratory Dups	8.9	9.7	11.5
Laboratory Checks	14.2	13.2	14.4
Xtra-Gold pulp Dups	17.7	28.6	42.2
SEMS re-assay ¼ core	49.2	48.3	58.7

9 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are made from the results of this report:

- Exploration carried out by Xtra-Gold on its Kibi prospect was conscientiously and diligently pursued.
- **Blanks:** Failed blanks are random, and all 2714 laboratory blanks are below detection.
- **Standards:** On average, precision of standards is 14.3% which is slightly high, but bias is mostly below 5%, and shows both negative and positive sign. Four standards marginally exceeded 5%. Results for standards are acceptable although additional follow-up on failures is recommended in future work.
  The laboratory standards analysed yielded good precision, below 6.6%, and accuracy is generally very good and mainly less than $\pm$1% from the recommended value.
- **Duplicates:** Precision of field duplicates is high but consistent with the presence of particulate gold. After removal of “Flyers”, regression analysis shows an absence of bias; results are accurate. Precision of pulp duplicates is similarly high. Regression analysis shows a skewed dataset where bias is zero at 0.7ppm Au increasing to 8% at 4ppm gold Evaluation of pulp duplicates, represented by four separate analyses for each sample, shows reasonable comparison in grade between the original and duplicated datasets. Average grade obtained using data only for pulp duplicates is 2.02ppm $\pm$7.4%. This variability is acceptable with ore containing particulate gold.
  The laboratory duplicates yielded a precision of 9.7% for Fire Assay in the resource range =>0.5ppm gold. Regression analysis indicates accurate results. Similar precision and accuracy was achieved with gravimetric and Screen Fire Assay determinations.
- **Check assays:** Laboratory check assays yielded a precision of 13.2% in the resource range =>0.5ppm Au. Results are accurate.
- **Independent quarter core re-assay in mineralised zones:** The independent assessment of mineralised intersections from the Big Bend, East Dyke, Mushroom, Double 19 and South Ridge prospects, yielded high precision of the original and re-sampling programmes. However, the results indicate the presence of particulate gold. Regression analysis shows a weak bias where the re-assay values are slightly higher than the original assays. This is also observed comparing the mean grades of each dataset; Mean original is 3.17g/t Au and re-assay gives 3.36g/t Au. The difference in the means is 6% and this is entirely satisfactory and underlines the accuracy of the database as a whole.
- In conclusion, the geochemical data used in the resource calculation is satisfactory and there is nothing untoward in the mean grades used in the resource study.
- Finally, it is strongly recommended that geochemical data gathered by Xtra-Gold on all future work in the Kibi deposit is validated independently on a monthly basis.

10 Appendix 1 – Summary of 2010 Report

Assessment includes precision and accuracy of all standards with time variation diagrams separating the results obtained from RC and diamond core drilling. All duplicates, check repeats and quarter core results are accompanied by precision assessment, at varying lower cuts, and are additionally supported by correlation diagrams. The latter diagrams show the total datasets and also datasets with “Flyers” omitted. All “Flyers” omitted are documented. Additionally, the ALS Chemex laboratory was audited. The assessment is, perforce, long and contains many diagrams and tables. For this reason the detailed results are shown as a separate appendix. Statistical results are summarised in Table 1 and this is cross-referenced to figures in the appendix.

10.1.1 Laboratory standards

Precision and accuracy are well within industry tolerance. Precision varies 1.8 and 4.8% where the accepted range is =<10 percent. Standards which are not accurate vary in the range -2.2 to +0.8% where the accepted range is better the ±5 percent. Time variation diagrams show an absence of calibration shifts.

10.1.2 Client standards

Client standards, purchased from Canada, comprise samples derived from mines and also standards manufactured using high grade gold diluted with granite. Three of the standards may be refractory. These standards were submitted as “Round Robin” samples to laboratories in order to determine a recommended value and standard deviation. The recommended value is applied to ALS Chemex as a yardstick for accuracy. The standard deviation used to identify “Flyers” is determined from the results obtained by ALS Chemex; the standard deviation related to the “Round Robin” exercise is not applied.

Precision of Client standards varies between 2.6 and 18.5% with five of the 12 standards falling below 10 percent. In the main, accuracy is better than ±5% although one standard shows an accuracy of +7.7 percent. The most inaccurate standard is +9.1% and this is related to gravimetric determinations where results are => 10 g/t gold.

Time variation diagrams show natural negative and positive drift over time. Standard CDN-GS-1E displays a weak calibration step.

Xtra-Gold have identified and requested re-analysis of batches containing results exceeding ±2 standard deviations as defined from laboratory results. A number of “Flyers” are identified in the current assessment that were not re-analysed but this should not materially detract from the overall results.

Summary results: Precision and accuracy- Laboratory and Client standards

Figures	Description	n	Mnfr SD	Lab SD	Mnfr Rec Value	Lab Mean	Precision	Accuracy
1-2	OxE56	81	0.015	0.010	0.61	0.61	3.2	Accurate
3-4	OxF65	135	0.03	0.020	0.81	0.81	4.8	Accurate
5-6	OxG70	154	0.013	0.019	1.01	1.01	3.7	Accurate
7-8	OxI67	69	0.024	0.028	1.82	1.81	3	-0.5
9-10	ST335 (G)	25	0.5	0.187	13.65	13.76	2.8	0.8
11-12	OxN62	30	0.117	0.067	7.71	7.69	1.8	-0.3
	SL46	11	0.066	0.120	5.87	5.74	4.6	-2.2
	OxK69	6		ND				

Client Standards

Figures	Description	n	Mnfr SD	Lab SD	Mnfr Rec Value	Lab Mean	Precision	Accuracy
13-14	CDN-CGS-19	21	0.035	0.057	0.74	0.78	15.1	5.4
15-16	CDN-CM1	65	0.08	0.069	1.85	1.8	7.7	-2.7
17-18	CDN-GS-1E	50	0.03	0.062	1.16	1.22	10.2	5.2
19-20	CDN-GS-3D	74	0.125	0.150	3.41	3.27	9.2	-4.1
21-22	CDN-GS-3E	47	0.135	0.205	2.97	3.2	12.9	7.7
23-24	CDN-GS-4A	28	0.23	0.376	4.42	4.45	17.2	0.7
25-26	CDN-GS-5D	30	0.125	0.261	5.06	4.91	10.8	-3
27-28	CDN-GS-7A	31	0.3	0.505	7.2	7.27	14.2	1
29-30	CDN-GS-P8	25	0.03	0.010	0.78	0.82	2.6	5.1
31-32	CDN-GS-11A (G)	28	0.435	0.367	11.21	12.23	6.1	9.1
	CDN-CM-3	10	0.03	0.039	0.46	0.48	18.5	3.3
	CDN-GS-2C	9	0.075	0.046	2.06	2.04	5	-1

Notes:

1. **Laboratory standards**: Standard used internally by the laboratory
2. **Client Standards**: Standard inserted by the client where neither the recommended value nor standard deviation are known to the laboratory
3. **n** = Number of results in the dataset (Where the dataset is less than 30, statistical results are only indicative)
4. **Mnfr SD**: Standard deviation published by the manufacturer. Lab SD: Standard deviation achieved by the laboratory rounded to tree decimal places
5. **Mnfr Rec Value**: Manufacturer's recommended value (ppm). Lab Mean: Value achieved by the laboratory (ppm)
6. **Precision**: See figures for explanation of formula.
7. **Accuracy:** Percent difference between the recommended value and value achieved by the laboratory
8. **(G)**: Standard used in the assessment of results using the gravimetric method

10.1.3 Laboratory and client blanks

The laboratory uses Rocklabs blanks. All laboratory blanks used in Fire Assay and gravimetric determinations are blow detection. Xtra-Gold prepared their own standard from granite gneiss from Akuse after selective analysis of various material by SGS, Tarkwa and ALS Chemex. Results of client blanks, reported to three decimal places, =>0.005 ppm Au are:

JobNo	Hole ID	Sample ID	Date	Au1	AuR1
KM08167141	KBD08013	H801946	3-Dec-08	0.064	
KM08157366	KBD08001	H800339	18-Nov-08	0.092	
KM08157366	KBD08001	H800339	18-Nov-08	0.096	0.096

There is no evidence from the results of laboratory or client blanks to suggest low-level contamination or repeated cross-contamination during crushing or pulverisation.

10.1.4 Laboratory duplicates and check repeats

ALS insert three duplicates in each Fire Assay batch containing 84 samples. Duplicate position is pre-selected by LIMS. Statistical results for duplicates, check repeats and quarter core resubmissions are shown in Table 1. In the laboratory, the duplicate is taken from the same pulp envelope and analysed at the same time as the original sample. Precision for duplicate diamond core pulps and RC chips, taking results =>0.1ppm Au, is 10.1 and 5.9% respectively. The difference in precision is possibly related to the weight of the split processed. Diamond core analyses used a 200g split whereas 1kg was pulverised for RC chips. Correlation of the data is shown in figures 34-36. Bias for diamond core results is +8% (Duplicate result>Original assay). For RC chips, the bias is -3% with removal of three "Flyers".

Check repeats are also taken from the same kraft envelope as the original, but are analysed at a later date. Precision on results =>0.1ppm Au for diamond core and RC chips is 14 and 12.3% respectively. Correlation of the datasets is shown in figures 37-40. Precision for diamond core repeats is -2% but with removal of 16 "Flyers" in a dataset of 213 (Repeat>Original assay). Removing four additional high variance pairs, the bias is < 1 percent. With RC chips, the bias is <1% with removal of 16 "Flyers".

1.1.4. Xtra-Gold duplicates

Approximately 1 in 20 random duplicates of RC chips were taken in the field by re-splitting the reject material. These samples were assigned a different number than the original sample. With few exceptions, duplicates were analysed in the same batch as the original sample. Precision of diamond drill core duplicates, cutting to =>0.5ppm Au, is 16% and for RC chips it is 23.2% (Figs. 45-48). Correlation on diamond core duplicates shows zero bias. On RC chips the bias is -3% reducing to -1% removing four "Flyers".

1.1.5. Xtra-Gold quarter core submission

XG randomly quartered core and this was sent to ALS for check assay. As quartered core was submitted prior to receiving results for the half core, many results are less than 0.25 ppm gold. Precision on results =>0.1 ppm Au is 17.4% (Figs. 49-50). Bias is +10% reducing to -4% with removal of 11 "Flyers". As visible gold is present in the core, precision is greatly influenced by the "Nugget Effect".

Table 1 Summary statistics: Duplicates, check repeats, quartered core, Screen Fire Assay vs Fire assay and resubmitted samples

Figs	Dataset	n	Precision Total data	Precision =>0.1ppm	n	Precision =>0.5ppm	n	Bias	Bias Cut Data	Flyers removed
34-35	Lab Duplicates DDC	86	12.9	10.1	21			+8	0	1
36	Lab duplicates RC Chips	157	13.7	5.9	47				-3	3
37-38	Lab Check Repeats DDC	213	17	14	170	11.8	98	-2	<1	20
39-40	Lab Check Repeats RC Chips	204	15.6	12.3	174	11.1	109	<1	<1	16
45-46	Client Pulp Duplicates DDC	59	16.6	-		16	52	0	0 (4ppm)	0
47-48	Client Pulp Duplicates RC Chips	75	24.8			23.3	61	-3	-1	4
49-50	Quarter core submission	94	40.2	17.4	13			>+10	-4	11
51	Coarse RC Chip resubmission	189	39	20.9	73			-5		20
52-53	Screen Fire Assay vs Fire Assay	39	18.6	18.6	37	17.4	30	-6	<1 (5ppm)	2
54-55	Gravimetric duplicates	7	ND						<1	1

1.1.6. Coarse RC chip resubmission

Approximately 1 in 20 duplicate splits from RC chip samples were taken in the field Precision is 20.9% with results =>0.1 ppm gold (Fig. 51). Bias is -6% falling to <1% after removal of 20 “Flyers”. The high number of “Flyers” is related, in part, to splitting error in the field and laboratory sub-sampling error.

1.1.7. Screen Fire Assay vs Fire Assay

During the diamond drill campaign, samples of coarse reject were selected where gold was visible or possibly present. These samples were sent for a 1kg Screen Fire Assay determination and comparison to results for a 50g Fire Assay. Precision of the total dataset, excluding two “Flyers”, is 18.6% improving to 17.4% cutting results < 0.5 ppm gold. Cutting in the range =>0.5 <5 ppm Au saw a deterioration in precision to 19.6%.

Correlation shows divergence between regression and diagonal lines, reflecting a bias of –6% (Fig. 60). Cutting results to <5ppm Au, there is near-coincidence between regression and diagonal lines (Fig. 61). Bias is less than 1 percent.

1.1.8. Splitting error: Laboratory and Field

An indication of splitting error in the laboratory is given by the difference in precision obtained from duplicate analysis of diamond core, where *both samples are taken from the same Kraft envelope*, and the precision obtained by analysing *two separate splits of the total crushed core samples.*

Precision of duplicates, cutting results <0.1 ppm Au, is 10.1 percent. Precision of the two separate splits is 30.2% giving an indicated splitting error of 20.1%. This error is directly related to splitting 250g from a sample of 2-3kg crushed to 70% passing –2mm. It does not accommodate splitting variance associated with selection of core after cutting.

Field splitting error is indicated by the difference in precision obtained from duplicate analysis of RC chips in the laboratory, where *both samples are taken from the same Kraft envelope*, and the precision obtained by analysing *two separate splits of the total RC sample in the field.*

Precision of duplicates, cutting results <0.1 ppm Au, is 10.1 percent. Precision of the field duplicates is 20.9% for results =>0.1 ppm Au. The indicated field splitting error is therefore 10.8 %. It should be appreciated that this splitting error is assessed after the omission of “Flyers” and would be substantially higher had the “Flyers” been included.

Combined splitting error is the aggregate of laboratory and field splitting error and this is 30.9 percent. This is not unduly high for material with visible gold.

2. CONCLUSIONS

A deterioration is noted comparing precision achieved by the laboratory using internal standards and those submitted by Xtra-Gold. However, with few exceptions precision for

Xtra-Gold standards is close to, or better than, 10% and this is acceptable. Accuracy of Xtra-Gold standards is mainly better than ±5% and this is acceptable with the exception of the high bias associated with gravimetric determinations for grades exceeding 10 g/t gold.

In general, precision shown for duplicates and all check submissions cutting results to =>0.1 ppm Au is great than 10% with a maximum of 20.9% shown for re-analysis of RC chips. However, in the presence of coarse particulate gold, precision exceeding 10% is to be expected. Bias for duplicates and checks, omitting "Flyers" is good with a maximum of -4 percent. Bias for total datasets is generally poor, with a maximum exceeding 10%, but this is to be expected with coarse gold.

Splitting error in the laboratory is high at 20.1% but this may be improved in the future with improved protocols on splitting techniques. Currently, the pulp is split by scooping material with a Kraft envelope rather than using a small spoon and splitting by "Fractional shovelling". The laboratory is aware of the high percentage of boil-overs and is taking steps to remedy this situation.

In a field programme, especially diamond drilling, it is the norm for incoming results to outpace assessment. Xtra-Gold have shown a determined effort to maximise the quality of results obtained from the laboratory and are very mindful of the requirements for continual evaluation.

3. RECOMMENDATIONS

- For all future diamond coring, all the sample must be pulverized to 90% passing -200#
- With RC sampling, the laboratory should be similarly instructed to pulverize all the sample and not to split off 1kg
- The laboratory should be instructed to apply "Fractional shoveling" to split the pulp
- Periodically, at least once a month or more often, the laboratory should be visited without warning to ensure splitting is being carried out according to instructions
- A QC report should be prepared on a monthly basis assessing laboratory standards for calibration jumps and blind standards for consecutive "Flyers" (At least 5% of standards will fail at the 95% confidence level. Such failures should not immediately require re-analysis of a batch. The report should also assess precision and bias of duplicates. If the precision starts to deteriorate, a visit to the laboratory may be necessary. Something will always go wrong; in the field or at the lab and a monthly report will help to move things back on a straight line
- 1 in 20 samples in the laboratory should be a duplicate where the duplicate is taken from the ***entire*** pulp sample and ***NOT*** from the same Kraft envelope. Importantly, this allows assessment of splitting error in dealing with coarse gold
- Xtra-Gold should request the laboratory to immediately return all pulp rejects to site. To this end, the project should have dry space to catalogue and store pulp rejects
- On receipt of results, selected pulps should be re-numbered and sent to the laboratory. Re-numbering can be a hazardous exercise and to minimise possible problems the re-numbering should be carried out by a Project Geologist monitored by a Technician

- It is commendable to randomise insertion of standards, blanks and field duplicates but a set numbering system minimises possible numbering problems (Suggestion: every sample ID ending in 17, 37, 57, 77 and 97: Standard; ending in 20, 40, 60 and 80 blanks; ending in 10, 30, 50, 70 and 90: Duplicates). A standard cannot be hidden from a laboratory
- Monitor the Fire Assay section of a laboratory and ensure that boil-overs are at a minimum and that samples showing boil-overs are automatically re-analysed
- In core cutting and sample selection, it is a good idea to take alternate right and left parts of the core from the beginning of the hole- irrespective of large pieces of visible gold
- In all results, aim for a precision =<10% cutting values =>0.1ppm Au. Bias, after removal of "Flyers" must be better than ±5% and the target should be better than ± 2% (With coarse gold, achievement of these goals requires very strict protocols and supervision. "Flyers" will always occur but, ideally, there should be less than 5 "Flyers" in 100 results above 0.3 ppm Au).

11 Appendix 2 – Xtra-Gold Blanks

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
12 Mar 08	KBD08012	KM08167140	AK-3	0.01	0.01	H801644	AA24
12 Mar 08	KBD08012	KM08167140	AK-3	0.01	0.01	H801662	AA24
12 Mar 08	KBD08012	KM08167140	AK-3	0.01	0.01	H801684	AA24
12 Mar 08	KBD08012	KM08167140	AK-3	0.01	0.01	H801714	AA24
12 Mar 08	KBD08012	KM08167140	AK-3	0.01	0.01	H801729	AA24
12 Mar 08	KBD08012	KM08167140	AK-3	0.01	0.01	H801750	AA24
12 Mar 08	KBD08012	KM08167140	AK-3	0.01	0.01	H801768	AA24
12 Mar 08	KBD08012	KM08167140	AK-3	0.01	0.01	H801788	AA24
12 Mar 08	KBD08012	KM08167140	AK-3	0.01	0.01	H801807	AA24
12 Mar 08	KBD08013	KM08167140	AK-3	0.01	0.01	H801829	AA24
12 Mar 08	KBD08013	KM08167141	AK-3	0.01	0.01	H801847	AA24
12 Mar 08	KBD08013	KM08167141	AK-3	0.01	0.03	H801872	AA24
12 Mar 08	KBD08013	KM08167141	AK-3	0.01	0.01	H801889	AA24
12 Mar 08	KBD08013	KM08167141	AK-3	0.01	0.01	H801913	AA24
12 Mar 08	KBD08013	KM08167141	AK-3	0.01	0.01	H801927	AA24
12 Mar 08	KBD08013	KM08167141	AK-3	0.01	0.06	H801946	AA24
12 Mar 08	KBD08013	KM08167141	AK-3	0.01	0.01	H801972	AA24
12 Mar 08	KBD08013	KM08167141	AK-3	0.01	0.01	H801986	AA24
12 Mar 08	KBD08013	KM08167141	AK-3	0.01	0.01	H802005	AA24
12 Mar 08	KBD08014	KM08167141	AK-3	0.01	0.01	H802022	AA24
12 Mar 08	KBD08014	KM08167142	AK-3	0.01	0.01	H802044	AA24
12 Mar 08	KBD08014	KM08167142	AK-3	0.01	0.01	H802061	AA24
12 Mar 08	KBD08014	KM08167142	AK-3	0.01	0.01	H802085	AA24
12 Mar 08	KBD08014	KM08167142	AK-3	0.01	0.01	H802103	AA24
12 Mar 08	KBD08014	KM08167142	AK-3	0.01	0.01	H802124	AA24
12 Mar 08	KBD08014	KM08167142	AK-3	0.01	0.01	H802144	AA24
12 Mar 08	KBD08014	KM08167142	AK-3	0.01	0.01	H802163	AA24
12 Mar 08	KBD08014	KM08167142	AK-3	0.01	0.01	H802184	AA24
12 Mar 08	KBD08015	KM08167142	AK-3	0.01	0.01	H802204	AA24
12 Mar 08	KBD08015	KM08167142	AK-3	0.01	0.01	H802222	AA24
12 Mar 08	KBD08015	KM08167143	AK-3	0.01	0.01	H802245	AA24
12 Mar 08	KBD08015	KM08167143	AK-3	0.01	0.01	H802263	AA24
12 Mar 08	KBD08015	KM08167143	AK-3	0.01	0.01	H802284	AA24
12 Mar 08	KBD08015	KM08167143	AK-3	0.01	0.01	H802302	AA24
12 Mar 08	KBD08015	KM08167143	AK-3	0.01	0.01	H802324	AA24
12 Mar 08	KBD08015	KM08167143	AK-3	0.01	0.01	H802343	AA24
12 Mar 08	KBD08016	KM08167143	AK-3	0.01	0.01	H802362	AA24
12 Mar 08	KBD08016	KM08167143	AK-3	0.01	0.03	H802384	AA24
12 Mar 08	KBD08016	KM08167143	AK-3	0.01	0.02	H802401	AA24
12 Mar 08	KBD08016	KM08167143	AK-3	0.01	0.01	H802423	AA24
12 Mar 08	KBD08016	KM08167144	AK-3	0.01	0.01	H802442	AA24
12 Mar 08	KBD08016	KM08167144	AK-3	0.01	0.01	H802465	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
12 Mar 08	KBD08016	KM08167144	AK-3	0.01	0.01	H802484	AA24
12 Mar 08	KBD08016	KM08167144	AK-3	0.01	0.01	H802504	AA24
12 Mar 08	KBD08016	KM08167144	AK-3	0.01	0.01	H802522	AA24
12 Mar 08	KBD08017	KM08167144	AK-3	0.01	0.01	H802541	AA24
12 Mar 08	KBD08017	KM08167144	AK-3	0.01	0.01	H802564	AA24
12 Mar 08	KBD08017	KM08167144	AK-3	0.01	0.01	H802583	AA24
12 Mar 08	KBD08017	KM08167144	AK-3	0.01	0.01	H802601	AA24
12 Mar 08	KBD08017	KM08167144	AK-3	0.01	0.02	H802623	AA24
12 Mar 08	KBD08017	KM08167145	AK-3	0.01	0.01	H802644	AA24
12 Mar 08	KBD08017	KM08167145	AK-3	0.01	0.01	H802662	AA24
12 Mar 08	KBD08017	KM08167145	AK-3	0.01	0.01	H802684	AA24
12 Mar 08	KBD08017	KM08167145	AK-3	0.01	0.01	H802701	AA24
12 Mar 08	KBD08018	KM08167145	AK-3	0.01	0.01	H802723	AA24
12 Mar 08	KBD08018	KM08167145	AK-3	0.01	0.01	H802744	AA24
12 Mar 08	KBD08018	KM08167145	AK-3	0.01	0.01	H802762	AA24
12 Mar 08	KBD08018	KM08167145	AK-3	0.01	0.01	H802784	AA24
12 Mar 08	KBD08018	KM08167145	AK-3	0.01	0.01	H802808	AA24
12 Mar 08	KBD08018	KM08167145	AK-3	0.01	0.01	H802828	AA24
12 Mar 08	KBD08018	KM08167146	AK-3	0.01	0.01	H802849	AA24
12 Mar 08	KBD08018	KM08167146	AK-3	0.01	0.01	H802867	AA24
12 Mar 08	KBD08018	KM08167146	AK-3	0.01	0.01	H802887	AA24
18 Nov 08	KBD08001	KM08157365	AK-3	0.01	0.01	H800013	AA24
18 Nov 08	KBD08001	KM08157365	AK-3	0.01	0.01	H800036	AA24
18 Nov 08	KBD08001	KM08157366	AK-3	0.01	0.10	H800339	AA24
18 Nov 08	KBD08001	KM08157366	AK-3	0.01	0.01	H800344	AA24
18 Nov 08	KBD08001	KM08157366	AK-3	0.01	0.01	H800371	AA24
18 Nov 08	KBD08001	KM08157366	AK-3	0.01	0.01	H800383	AA24
18 Nov 08	KBD08001	KM08157367	AK-3	0.01	0.01	H800416	AA24
18 Nov 08	KBD08001	KM08157367	AK-3	0.01	0.01	H800422	AA24
18 Nov 08	KBD08002	KM08157365	AK-3	0.01	0.01	H800044	AA24
18 Nov 08	KBD08002	KM08157367	AK-3	0.01	0.01	H800570	AA24
18 Nov 08	KBD08002	KM08157367	AK-3	0.01	0.01	H800585	AA24
18 Nov 08	KBD08002	KM08157368	AK-3	0.01	0.01	H800604	AA24
18 Nov 08	KBD08002	KM08157368	AK-3	0.01	0.01	H800628	AA24
18 Nov 08	KBD08002	KM08157368	AK-3	0.01	0.01	H800649	AA24
18 Nov 08	KBD08002	KM08157368	AK-3	0.01	0.03	H800666	AA24
18 Nov 08	KBD08002	KM08157368	AK-3	0.01	0.01	H800686	AA24
18 Nov 08	KBD08002	KM08157368	AK-3	0.01	0.01	H800710	AA24
18 Nov 08	KBD08002	KM08157368	AK-3	0.01	0.01	H800722	AA24
18 Nov 08	KBD08002	KM08157368	AK-3	0.01	0.01	H800750	AA24
18 Nov 08	KBD08002	KM08157368	AK-3	0.01	0.01	H800763	AA24
18 Nov 08	KBD08002	KM08157368	AK-3	0.01	0.01	H800781	AA24
18 Nov 08	KBD08002	KM08157369	AK-3	0.01	0.01	H800809	AA24
18 Nov 08	KBD08002	KM08157369	AK-3	0.01	0.01	H800821	AA24
18 Nov 08	KBD08002	KM08157369	AK-3	0.01	0.01	H800842	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
18 Nov 08	KBD08002	KM08157369	AK-3	0.01	0.01	H800868	AA24
18 Nov 08	KBD08003	KM08157365	AK-3	0.01	0.01	H800075	AA24
18 Nov 08	KBD08003	KM08157365	AK-3	0.01	0.01	H800083	AA24
18 Nov 08	KBD08004	KM08157365	AK-3	0.01	0.01	H800119	AA24
18 Nov 08	KBD08004	KM08157365	AK-3	0.01	0.01	H800125	AA24
18 Nov 08	KBD08004	KM08157365	AK-3	0.01	0.01	H800151	AA24
18 Nov 08	KBD08004	KM08157365	AK-3	0.01	0.01	H800163	AA24
18 Nov 08	KBD08004	KM08157367	AK-3	0.01	0.01	H800450	AA24
18 Nov 08	KBD08004	KM08157367	AK-3	0.01	0.01	H800464	AA24
18 Nov 08	KBD08005	KM08157365	AK-3	0.01	0.01	H800195	AA24
18 Nov 08	KBD08005	KM08157366	AK-3	0.01	0.04	H800216	AA24
18 Nov 08	KBD08005	KM08157366	AK-3	0.01	0.01	H800231	AA24
18 Nov 08	KBD08005	KM08157366	AK-3	0.01	0.01	H800244	AA24
18 Nov 08	KBD08005	KM08157367	AK-3	0.01	0.01	H800496	AA24
18 Nov 08	KBD08005	KM08157367	AK-3	0.01	0.01	H800506	AA24
18 Nov 08	KBD08005	KM08157367	AK-3	0.01	0.01	H800533	AA24
18 Nov 08	KBD08005	KM08157367	AK-3	0.01	0.01	H800546	AA24
18 Nov 08	KBD08006	KM08157366	AK-3	0.01	0.01	H800265	AA24
18 Nov 08	KBD08006	KM08157366	AK-3	0.01	0.01	H800295	AA24
18 Nov 08	KBD08006	KM08157366	AK-3	0.01	0.01	H800304	AA24
18 Nov 08	KBD08006	KM08157369	AK-3	0.01	0.01	H800883	AA24
18 Nov 08	KBD08006	KM08157369	AK-3	0.01	0.01	H800917	AA24
18 Nov 08	KBD08006	KM08157369	AK-3	0.01	0.01	H800931	AA24
18 Nov 08	KBD08006	KM08157369	AK-3	0.01	0.01	H800944	AA24
18 Nov 08	KBD08006	KM08157369	AK-3	0.01	0.01	H800970	AA24
18 Nov 08	KBD08006	KM08157369	AK-3	0.01	0.01	H800982	AA24
18 Nov 08	KBD08006	KM08159340	AK-3	0.01	0.01	H801007	AA24
18 Nov 08	KBD08006	KM08159340	AK-3	0.01	0.01	H801026	AA24
18 Nov 08	KBD08006	KM08159340	AK-3	0.01	0.01	H801047	AA24
18 Nov 08	KBD08006	KM08159340	AK-3	0.01	0.01	H801064	AA24
18 Nov 08	KBD08006	KM08159340	AK-3	0.01	0.01	H801083	AA24
18 Nov 08	KBD08006	KM08159340	AK-3	0.01	0.01	H801108	AA24
18 Nov 08	KBD08007	KM08159340	AK-3	0.01	0.01	H801124	AA24
18 Nov 08	KBD08007	KM08159340	AK-3	0.01	0.01	H801142	AA24
18 Nov 08	KBD08007	KM08159340	AK-3	0.01	0.01	H801162	AA24
18 Nov 08	KBD08007	KM08159340	AK-3	0.01	0.01	H801181	AA24
18 Nov 08	KBD08007	KM08159341	AK-3	0.01	0.01	H801201	AA24
18 Nov 08	KBD08007	KM08159341	AK-3	0.01	0.01	H801222	AA24
18 Nov 08	KBD08007	KM08159341	AK-3	0.01	0.01	H801243	AA24
18 Nov 08	KBD08007	KM08159341	AK-3	0.01	0.01	H801265	AA24
18 Nov 08	KBD08007	KM08159341	AK-3	0.01	0.01	H801281	AA24
18 Nov 08	KBD08007	KM08159341	AK-3	0.01	0.01	H801312	AA24
18 Nov 08	KBD08007	KM08159341	AK-3	0.01	0.01	H801329	AA24
18 Nov 08	KBD08007	KM08159341	AK-3	0.01	0.01	H801347	AA24
18 Nov 08	KBD08007	KM08159341	AK-3	0.01	0.01	H801369	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
18 Nov 08	KBD08008	KM08159341	AK-3	0.01	0.01	H801386	AA24
18 Nov 08	KBD08008	KM08159342	AK-3	0.01	0.01	H801406	AA24
18 Nov 08	KBD08008	KM08159342	AK-3	0.01	0.01	H801431	AA24
18 Nov 08	KBD08008	KM08159342	AK-3	0.01	0.01	H801449	AA24
18 Nov 08	KBD08008	KM08159342	AK-3	0.01	0.01	H801468	AA24
18 Nov 08	KBD08008	KM08159342	AK-3	0.01	0.01	H801491	AA24
18 Nov 08	KBD08008	KM08159342	AK-3	0.01	0.01	H801504	AA24
18 Nov 08	KBD08008	KM08159342	AK-3	0.01	0.01	H801522	AA24
18 Nov 08	KBD08008	KM08159342	AK-3	0.01	0.01	H801545	AA24
18 Nov 08	KBD08008	KM08159342	AK-3	0.01	0.01	H801563	AA24
18 Nov 08	KBD08008	KM08159342	AK-3	0.01	0.01	H801584	AA24
18 Nov 08	KBD08008	KM08159342	AK-3	0.01	0.01	H801603	AA24
18 Nov 08	KBD08008	KM08159342	AK-3	0.01	0.01	H801621	AA24
29-Dec-08	KBD08009	KM08176279	AK-3	0.01	0.01	H802908	AA24
29-Dec-08	KBD08009	KM08176279	AK-3	0.01	0.01	H802932	AA24
29-Dec-08	KBD08009	KM08176279	AK-3	0.01	0.01	H802949	AA24
29-Dec-08	KBD08009	KM08176279	AK-3	0.01	0.01	H802967	AA24
29-Dec-08	KBD08009	KM08176279	AK-3	0.01	0.01	H802988	AA24
29-Dec-08	KBD08009	KM08176279	AK-3	0.01	0.01	H803012	AA24
29-Dec-08	KBD08009	KM08176279	AK-3	0.01	0.01	H803029	AA24
29-Dec-08	KBD08009	KM08176279	AK-3	0.01	0.01	H803047	AA24
29-Dec-08	KBD08009	KM08176279	AK-3	0.01	0.01	H803068	AA24
29-Dec-08	KBD08010	KM08176279	AK-3	0.01	0.01	H803087	AA24
29-Dec-08	KBD08010	KM08176279	AK-3	0.01	0.01	H803112	AA24
29-Dec-08	KBD08010	KM08176279	AK-3	0.01	0.01	H803128	AA24
29-Dec-08	KBD08010	KM08176290	AK-3	0.01	0.01	H803149	AA24
29-Dec-08	KBD08010	KM08176290	AK-3	0.01	0.01	H803167	AA24
29-Dec-08	KBD08010	KM08176290	AK-3	0.01	0.01	H803188	AA24
29-Dec-08	KBD08010	KM08176290	AK-3	0.01	0.01	H803212	AA24
29-Dec-08	KBD08011	KM08176290	AK-3	0.01	0.01	H803227	AA24
29-Dec-08	KBD08011	KM08176290	AK-3	0.01	0.01	H803246	AA24
29-Dec-08	KBD08011	KM08176290	AK-3	0.01	0.01	H803267	AA24
29-Dec-08	KBD08011	KM08176290	AK-3	0.01	0.01	H803296	AA24
29-Dec-08	KBD08011	KM08176290	AK-3	0.01	0.01	H803316	AA24
29-Dec-08	KBD08011	KM08176290	AK-3	0.01	0.01	H803335	AA24
29-Dec-08	KBD08011	KM08176290	AK-3	0.01	0.01	H803350	AA24
29-Dec-08	KBD08011	KM08176290	AK-3	0.01	0.01	H803370	AA24
8 May 09	KBRC09023	KM09073945	AK-3	0.01	0.01	H803852	AA24
8 May 09	KBRC09023	KM09073945	AK-3	0.01	0.01	H803877	AA24
8 May 09	KBRC09023	KM09073945	AK-3	0.01	0.01	H803891	AA24
8 May 09	KBRC09023	KM09073945	AK-3	0.01	0.01	H803921	AA24
8 May 09	KBRC09023	KM09073945	AK-3	0.01	0.01	H803933	AA24
8 May 09	KBRC09023	KM09073945	AK-3	0.01	0.01	H803974	AA24
8 May 09	KBRC09024	KM09073945	AK-3	0.01	0.01	H804007	AA24
8 May 09	KBRC09024	KM09073945	AK-3	0.01	0.01	H804025	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
8 May 09	KBRC09024	KM09073945	AK-3	0.01	0.01	H804042	AA24
8 May 09	KBRC09024	KM09073946	AK-3	0.01	0.01	H804057	AA24
8 May 09	KBRC09024	KM09073946	AK-3	0.01	0.01	H804072	AA24
8 May 09	KBRC09025	KM09073946	AK-3	0.01	0.01	H804093	AA24
8 May 09	KBRC09025	KM09073946	AK-3	0.01	0.01	H804116	AA24
8 May 09	KBRC09025	KM09073946	AK-3	0.01	0.01	H804132	AA24
8 May 09	KBRC09025	KM09073946	AK-3	0.01	0.01	H804154	AA24
8 May 09	KBRC09025	KM09073946	AK-3	0.01	0.01	H804174	AA24
8 May 09	KBRC09026	KM09073946	AK-3	0.01	0.01	H804197	AA24
8 May 09	KBRC09026	KM09073946	AK-3	0.01	0.01	H804223	AA24
8 May 09	KBRC09026	KM09073946	AK-3	0.01	0.01	H804244	AA24
8 May 09	KBRC09026	KM09073947	AK-3	0.01	0.01	H804265	AA24
8 May 09	KBRC09026	KM09073947	AK-3	0.01	0.01	H804291	AA24
8 May 09	KBRC09026	KM09073947	AK-3	0.01	0.01	H804303	AA24
8 May 09	KBRC09027	KM09073947	AK-3	0.01	0.01	H804328	AA24
8 May 09	KBRC09027	KM09073947	AK-3	0.01	0.01	H804342	AA24
8 May 09	KBRC09027	KM09073947	AK-3	0.01	0.01	H804368	AA24
10 Jul 09	KBRC09063	KM09104237	AK-3	0.01	0.01	G489404	AA24
10 Jul 09	KBRC09064	KM09104237	AK-3	0.01	0.01	G489424	AA24
10 Jul 09	KBRC09064	KM09104237	AK-3	0.01	0.01	G489445	AA24
10 Jul 09	KBRC09064	KM09104237	AK-3	0.01	0.01	G489465	AA24
10 Jul 09	KBRC09064	KM09104237	AK-3	0.01	0.01	G489484	AA24
10 Jul 09	KBRC09064	KM09104237	AK-3	0.01	0.01	G489515	AA24
10 Jul 09	KBRC09064	KM09104237	AK-3	0.01	0.01	G489529	AA24
10 Jul 09	KBRC09065	KM09104237	AK-3	0.01	0.01	G489559	AA24
10 Jul 09	KBRC09065	KM09104237	AK-3	0.01	0.01	G489575	AA24
10 Jul 09	KBRC09065	KM09104238	AK-3	0.01	0.01	G489590	AA24
10 Jul 09	KBRC09065	KM09104238	AK-3	0.01	0.01	G489604	AA24
10 Jul 09	KBRC09065	KM09104238	AK-3	0.01	0.01	G489634	AA24
10 Jul 09	KBRC09066	KM09104238	AK-3	0.01	0.01	G489659	AA24
10 Jul 09	KBRC09066	KM09104238	AK-3	0.01	0.01	G489675	AA24
10 Jul 09	KBRC09066	KM09104238	AK-3	0.01	0.01	G489695	AA24
10 Jul 09	KBRC09066	KM09104238	AK-3	0.01	0.01	G489707	AA24
10 Jul 09	KBRC09066	KM09104238	AK-3	0.01	0.01	G489730	AA24
10 Jul 09	KBRC09066	KM09104238	AK-3	0.01	0.01	G489745	AA24
10 Jul 09	KBRC09067	KM09104238	AK-3	0.01	0.01	G489764	AA24
10 Jul 09	KBRC09067	KM09104238	AK-3	0.01	0.01	G489774	AA24
10 Jul 09	KBRC09067	KM09104239	AK-3	0.01	0.01	G489795	AA24
10 Jul 09	KBRC09067	KM09104239	AK-3	0.01	0.01	G489829	AA24
10 Jul 09	KBRC09067	KM09104239	AK-3	0.01	0.01	G489851	AA24
10 Jul 09	KBRC09068	KM09104239	AK-3	0.01	0.01	G489875	AA24
10 Jul 09	KBRC09068	KM09104239	AK-3	0.01	0.04	G489885	AA24
10 Jul 09	KBRC09068	KM09104239	AK-3	0.01	0.01	G489905	AA24
10 Jul 09	KBRC09068	KM09104239	AK-3	0.01	0.01	G489925	AA24
10 Jul 09	KBRC09068	KM09104239	AK-3	0.01	0.01	G489965	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
10 Jul 09	KBRC09068	KM09104239	AK-3	0.01	0.01	G489984	AA24
22 Jul 09	KBRC09019	KM09070671	AK-3	0.01	0.01	H803460	AA24
22 Jul 09	KBRC09019	KM09070671	AK-3	0.01	0.01	H803487	AA24
22 Jul 09	KBRC09019	KM09070671	AK-3	0.01	0.01	H803495	AA24
22 Jul 09	KBRC09019	KM09070671	AK-3	0.01	0.01	H803515	AA24
22 Jul 09	KBRC09019	KM09070671	AK-3	0.01	0.01	H803546	AA24
22 Jul 09	KBRC09020	KM09070671	AK-3	0.01	0.01	H803563	AA24
22 Jul 09	KBRC09020	KM09070671	AK-3	0.01	0.01	H803572	AA24
22 Jul 09	KBRC09020	KM09070671	AK-3	0.01	0.01	H803600	AA24
22 Jul 09	KBRC09020	KM09070671	AK-3	0.01	0.01	H803615	AA24
22 Jul 09	KBRC09020	KM09070671	AK-3	0.01	0.01	H803642	AA24
22 Jul 09	KBRC09020	KM09070672	AK-3	0.01	0.01	H803653	AA24
22 Jul 09	KBRC09021	KM09070672	AK-3	0.01	0.01	H803692	AA24
22 Jul 09	KBRC09021	KM09070672	AK-3	0.01	0.01	H803713	AA24
22 Jul 09	KBRC09021	KM09070672	AK-3	0.01	0.01	H803732	AA24
22 Jul 09	KBRC09021	KM09070672	AK-3	0.01	0.01	H803757	AA24
22 Jul 09	KBRC09021	KM09070672	AK-3	0.01	0.01	H803773	AA24
22 Jul 09	KBRC09022	KM09070672	AK-3	0.01	0.01	H803797	AA24
22 Jul 09	KBRC09022	KM09070672	AK-3	0.01	0.01	H803826	AA24
22 Jul 09	KBRC09022	KM09070672	AK-3	0.01	0.01	H803837	AA24
8 Aug 09	KBRC09027	KM09079720	AK-3	0.01	0.01	H804385	AA24
8 Aug 09	KBRC09028	KM09079720	AK-3	0.01	0.01	H804415	AA24
8 Aug 09	KBRC09028	KM09079720	AK-3	0.01	0.01	H804439	AA24
8 Aug 09	KBRC09028	KM09079720	AK-3	0.01	0.01	H804450	AA24
8 Aug 09	KBRC09028	KM09079720	AK-3	0.01	0.01	H804461	AA24
8 Aug 09	KBRC09028	KM09079720	AK-3	0.01	0.01	H804488	AA24
8 Aug 09	KBRC09028	KM09079720	AK-3	0.01	0.01	H804502	AA24
8 Aug 09	KBRC09029	KM09079720	AK-3	0.01	0.01	H804523	AA24
8 Aug 09	KBRC09029	KM09079720	AK-3	0.01	0.01	H804548	AA24
8 Aug 09	KBRC09029	KM09079720	AK-3	0.01	0.01	H804562	AA24
8 Aug 09	KBRC09029	KM09079721	AK-3	0.01	0.01	H804588	AA24
8 Aug 09	KBRC09029	KM09079721	AK-3	0.01	0.01	H804608	AA24
8 Aug 09	KBRC09029	KM09079721	AK-3	0.01	0.01	H804622	AA24
8 Aug 09	KBRC09030	KM09079721	AK-3	0.01	0.01	H804641	AA24
8 Aug 09	KBRC09030	KM09079721	AK-3	0.01	0.01	H804662	AA24
8 Aug 09	KBRC09030	KM09079721	AK-3	0.01	0.01	H804689	AA24
20 Aug 09	KBRC09020	KM09086026	AK-3	0.01	0.01	H803678	AA24
20 Aug 09	KBRC09023	KM09086026	AK-3	0.01	0.01	H803964	AA24
20 Aug 09	KBRC09030	KM09086027	AK-3	0.01	0.01	H804714	AA24
20 Aug 09	KBRC09031	KM09086027	AK-3	0.01	0.01	H804724	AA24
20 Aug 09	KBRC09031	KM09086027	AK-3	0.01	0.01	H804743	AA24
20 Aug 09	KBRC09031	KM09086027	AK-3	0.01	0.01	H804767	AA24
20 Aug 09	KBRC09031	KM09086027	AK-3	0.01	0.01	H804784	AA24
20 Aug 09	KBRC09032	KM09086027	AK-3	0.01	0.01	H804819	AA24
20 Aug 09	KBRC09032	KM09086027	AK-3	0.01	0.01	H804823	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
20 Aug 09	KBRC09032	KM09086027	AK-3	0.01	0.01	H804859	AA24
20 Aug 09	KBRC09032	KM09086027	AK-3	0.01	0.01	H804867	AA24
20 Aug 09	KBRC09032	KM09086027	AK-3	0.01	0.01	H804882	AA24
20 Aug 09	KBRC09032	KM09086027	AK-3	0.01	0.01	H804907	AA24
20 Aug 09	KBRC09032	KM09086027	AK-3	0.01	0.01	H804930	AA24
20 Aug 09	KBRC09032	KM09086027	AK-3	0.01	0.01	H804943	AA24
20 Aug 09	KBRC09032	KM09086027	AK-3	0.01	0.01	H804964	AA24
20 Aug 09	KBRC09032	KM09086027	AK-3	0.01	0.01	H804981	AA24
20 Aug 09	KBRC09033	KM09086028	AK-3	0.01	0.01	G486001	AA24
20 Aug 09	KBRC09033	KM09086028	AK-3	0.01	0.01	G486021	AA24
20 Aug 09	KBRC09033	KM09086028	AK-3	0.01	0.01	G486045	AA24
20 Aug 09	KBRC09033	KM09086028	AK-3	0.01	0.01	G486058	AA24
20 Aug 09	KBRC09033	KM09086028	AK-3	0.01	0.01	G486073	AA24
20 Aug 09	KBRC09034	KM09086028	AK-3	0.01	0.01	G486097	AA24
20 Aug 09	KBRC09034	KM09086028	AK-3	0.01	0.01	G486108	AA24
20 Aug 09	KBRC09034	KM09086028	AK-3	0.01	0.01	G486123	AA24
20 Aug 09	KBRC09034	KM09086028	AK-3	0.01	0.01	G486150	AA24
20 Aug 09	KBRC09034	KM09086028	AK-3	0.01	0.01	G486163	AA24
20 Aug 09	KBRC09034	KM09086028	AK-3	0.01	0.01	G486186	AA24
20 Aug 09	KBRC09034	KM09086028	AK-3	0.01	0.01	G486202	AA24
20 Aug 09	KBRC09034	KM09086028	AK-3	0.01	0.01	G486228	AA24
20 Aug 09	KBRC09035	KM09086029	AK-3	0.01	0.01	G486243	AA24
20 Aug 09	KBRC09035	KM09086029	AK-3	0.01	0.01	G486269	AA24
20 Aug 09	KBRC09035	KM09086029	AK-3	0.01	0.01	G486282	AA24
20 Aug 09	KBRC09035	KM09086029	AK-3	0.01	0.01	G486307	AA24
20 Aug 09	KBRC09035	KM09086029	AK-3	0.01	0.01	G486323	AA24
20 Aug 09	KBRC09036	KM09086029	AK-3	0.01	0.01	G486355	AA24
20 Aug 09	KBRC09036	KM09086029	AK-3	0.01	0.01	G486371	AA24
20 Aug 09	KBRC09036	KM09086029	AK-3	0.01	0.01	G486394	AA24
20 Aug 09	KBRC09036	KM09086029	AK-3	0.01	0.01	G486415	AA24
20 Aug 09	KBRC09036	KM09086029	AK-3	0.01	0.01	G486428	AA24
20 Aug 09	KBRC09036	KM09086029	AK-3	0.01	0.01	G486445	AA24
20 Aug 09	KBRC09036	KM09086029	AK-3	0.01	0.01	G486463	AA24
20 Aug 09	KBRC09037	KM09088040	AK-3	0.01	0.01	G486496	AA24
20 Aug 09	KBRC09037	KM09088040	AK-3	0.01	0.01	G486516	AA24
20 Aug 09	KBRC09037	KM09088040	AK-3	0.01	0.01	G486528	AA24
20 Aug 09	KBRC09037	KM09088040	AK-3	0.01	0.01	G486542	AA24
20 Aug 09	KBRC09037	KM09088040	AK-3	0.01	0.01	G486572	AA24
20 Aug 09	KBRC09038	KM09088040	AK-3	0.01	0.01	G486588	AA24
20 Aug 09	KBRC09038	KM09088040	AK-3	0.01	0.01	G486615	AA24
20 Aug 09	KBRC09038	KM09088040	AK-3	0.01	0.01	G486629	AA24
20 Aug 09	KBRC09038	KM09088040	AK-3	0.01	0.01	G486646	AA24
20 Aug 09	KBRC09038	KM09088040	AK-3	0.01	0.01	G486675	AA24
20 Aug 09	KBRC09038	KM09088040	AK-3	0.01	0.01	G486700	AA24
20 Aug 09	KBRC09038	KM09088041	AK-3	0.01	0.01	G486707	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
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20 Aug 09	KBRC09039	KM09088041	AK-3	0.01	0.01	G486748	AA24
20 Aug 09	KBRC09039	KM09088041	AK-3	0.01	0.01	G486775	AA24
20 Aug 09	KBRC09039	KM09088041	AK-3	0.01	0.01	G486800	AA24
20 Aug 09	KBRC09039	KM09088041	AK-3	0.01	0.01	G486808	AA24
20 Aug 09	KBRC09039	KM09088041	AK-3	0.01	0.01	G486822	AA24
20 Aug 09	KBRC09040	KM09088041	AK-3	0.01	0.01	G486842	AA24
20 Aug 09	KBRC09040	KM09088041	AK-3	0.01	0.01	G486877	AA24
20 Aug 09	KBRC09040	KM09088041	AK-3	0.01	0.01	G486887	AA24
20 Aug 09	KBRC09040	KM09088041	AK-3	0.01	0.01	G486909	AA24
20 Aug 09	KBRC09041	KM09088042	AK-3	0.01	0.01	G486940	AA24
20 Aug 09	KBRC09041	KM09088042	AK-3	0.01	0.01	G486949	AA24
20 Aug 09	KBRC09041	KM09088042	AK-3	0.01	0.01	G486966	AA24
20 Aug 09	KBRC09041	KM09088042	AK-3	0.01	0.01	G486995	AA24
20 Aug 09	KBRC09041	KM09088042	AK-3	0.01	0.01	G487009	AA24
20 Aug 09	KBRC09041	KM09088042	AK-3	0.01	0.01	G487035	AA24
20 Aug 09	KBRC09041	KM09088042	AK-3	0.01	0.01	G487053	AA24
20 Aug 09	KBRC09041	KM09088042	AK-3	0.01	0.01	G487076	AA24
9 Sep 09	KBRC09042	KM09088045	AK-3	0.01	0.01	G487088	AA24
9 Sep 09	KBRC09042	KM09088045	AK-3	0.01	0.01	G487108	AA24
9 Sep 09	KBRC09042	KM09088045	AK-3	0.01	0.01	G487135	AA24
9 Sep 09	KBRC09042	KM09088045	AK-3	0.01	0.01	G487150	AA24
9 Sep 09	KBRC09043	KM09088045	AK-3	0.01	0.01	G487175	AA24
9 Sep 09	KBRC09043	KM09088045	AK-3	0.01	0.01	G487194	AA24
9 Sep 09	KBRC09043	KM09088045	AK-3	0.01	0.05	G487215	AA24
9 Sep 09	KBRC09044	KM09088045	AK-3	0.01	0.01	G487225	AA24
9 Sep 09	KBRC09044	KM09088045	AK-3	0.01	0.01	G487245	AA24
9 Sep 09	KBRC09044	KM09088045	AK-3	0.01	0.01	G487274	AA24
9 Sep 09	KBRC09044	KM09088046	AK-3	0.01	0.01	G487284	AA24
9 Sep 09	KBRC09045	KM09088046	AK-3	0.01	0.01	G487315	AA24
9 Sep 09	KBRC09045	KM09088046	AK-3	0.01	0.01	G487336	AA24
9 Sep 09	KBRC09045	KM09088046	AK-3	0.01	0.01	G487352	AA24
9 Sep 09	KBRC09045	KM09088046	AK-3	0.01	0.01	G487363	AA24
9 Sep 09	KBRC09046	KM09088046	AK-3	0.01	0.01	G487384	AA24
9 Sep 09	KBRC09046	KM09088046	AK-3	0.01	0.01	G487406	AA24
9 Sep 09	KBRC09046	KM09088046	AK-3	0.01	0.01	G487433	AA24
9 Sep 09	KBRC09046	KM09088046	AK-3	0.01	0.01	G487448	AA24
9 Sep 09	KBRC09047	KM09088046	AK-3	0.01	0.01	G487475	AA24
9 Sep 09	KBRC09047	KM09088047	AK-3	0.01	0.01	G487495	AA24
9 Sep 09	KBRC09048	KM09088047	AK-3	0.01	0.01	G487515	AA24
9 Sep 09	KBRC09048	KM09088047	AK-3	0.01	0.01	G487535	AA24
9 Sep09	KBRC09048	KM09088047	AK-3	0.01	0.01	G487546	AA24
9 Sep 09	KBRC09048	KM09088047	AK-3	0.01	0.01	G487577	AA24
9 Sep 09	KBRC09048	KM09088047	AK-3	0.01	0.01	G487596	AA24
9 Sep 09	KBRC09048	KM09088047	AK-3	0.01	0.01	G487608	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
20 Sep 09	KBRC09049	KM09094808	AK-3	0.01	0.01	G487629	AA24
20 Sep 09	KBRC09049	KM09094808	AK-3	0.01	0.01	G487646	AA24
20 Sep 09	KBRC09049	KM09094808	AK-3	0.01	0.01	G487669	AA24
20 Sep 09	KBRC09049	KM09094808	AK-3	0.01	0.01	G487694	AA24
20 Sep 09	KBRC09050	KM09094808	AK-3	0.01	0.01	G487716	AA24
20 Sep 09	KBRC09050	KM09094808	AK-3	0.01	0.01	G487728	AA24
20 Sep 09	KBRC09050	KM09094808	AK-3	0.01	0.01	G487746	AA24
20 Sep 09	KBRC09050	KM09094808	AK-3	0.01	0.01	G487768	AA24
20 Sep 09	KBRC09050	KM09094808	AK-3	0.01	0.01	G487789	AA24
20 Sep 09	KBRC09051	KM09094808	AK-3	0.01	0.01	G487812	AA24
20 Sep 09	KBRC09051	KM09094808	AK-3	0.01	0.01	G487838	AA24
20 Sep 09	KBRC09051	KM09094808	AK-3	0.01	0.01	G487846	AA24
20 Sep 09	KBRC09051	KM09094809	AK-3	0.01	0.01	G487868	AA24
20 Sep 09	KBRC09051	KM09094809	AK-3	0.01	0.01	G487885	AA24
20 Sep 09	KBRC09051	KM09094809	AK-3	0.01	0.01	G487913	AA24
20 Sep 09	KBRC09051	KM09094809	AK-3	0.01	0.01	G487936	AA24
20 Sep 09	KBRC09051	KM09094809	AK-3	0.01	0.01	G487947	AA24
20 Sep 09	KBRC09052	KM09094809	AK-3	0.01	0.01	G487973	AA24
20 Sep 09	KBRC09052	KM09094809	AK-3	0.01	0.01	G487987	AA24
20 Sep 09	KBRC09052	KM09094809	AK-3	0.01	0.01	G488007	AA24
20 Sep 09	KBRC09053	KM09094809	AK-3	0.01	0.01	G488035	AA24
20 Sep 09	KBRC09053	KM09094809	AK-3	0.01	0.01	G488058	AA24
20 Sep 09	KBRC09053	KM09094809	AK-3	0.01	0.01	G488067	AA24
20 Sep 09	KBRC09053	KM09094809	AK-3	0.01	0.01	G488088	AA24
20 Sep 09	KBRC09053	KM09097540	AK-3	0.01	0.01	G488108	AA24
20 Sep 09	KBRC09053	KM09097540	AK-3	0.01	0.01	G488135	AA24
20 Sep 09	KBRC09054	KM09097540	AK-3	0.01	0.01	G488157	AA24
20 Sep 09	KBRC09054	KM09097540	AK-3	0.01	0.01	G488169	AA24
20 Sep 09	KBRC09054	KM09097540	AK-3	0.01	0.01	G488186	AA24
20 Sep 09	KBRC09054	KM09097540	AK-3	0.01	0.01	G488214	AA24
20 Sep 09	KBRC09054	KM09097540	AK-3	0.01	0.01	G488228	AA24
20 Sep 09	KBRC09054	KM09097540	AK-3	0.01	0.01	G488258	AA24
20 Sep 09	KBRC09055	KM09097540	AK-3	0.01	0.01	G488267	AA24
20 Sep 09	KBRC09055	KM09097540	AK-3	0.01	0.01	G488296	AA24
20 Sep 09	KBRC09055	KM09097540	AK-3	0.01	0.01	G488315	AA24
20 Sep 09	KBRC09055	KM09097541	AK-3	0.01	0.01	G488328	AA24
20 Sep 09	KBRC09055	KM09097541	AK-3	0.01	0.01	G488358	AA24
20 Sep 09	KBRC09056	KM09097541	AK-3	0.01	0.01	G488367	AA24
20 Sep 09	KBRC09056	KM09097541	AK-3	0.01	0.01	G488388	AA24
20 Sep 09	KBRC09056	KM09097541	AK-3	0.01	0.01	G488407	AA24
20 Sep 09	KBRC09056	KM09097541	AK-3	0.01	0.01	G488429	AA24
20 Sep 09	KBRC09056	KM09097541	AK-3	0.01	0.01	G488455	AA24
20 Sep 09	KBRC09056	KM09097541	AK-3	0.01	0.01	G488475	AA24
20 Sep 09	KBRC09056	KM09097541	AK-3	0.01	0.01	G488486	AA24
30 Sep 09	KBRC09049	KM09103351	AK-3	0.01	0.01	G488514	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
30 Sep 09	KBRC09049	KM09103351	AK-3	0.01	0.01	G488539	AA24
30 Sep 09	KBRC09049	KM09103351	AK-3	0.01	0.01	G488559	AA24
30 Sep 09	KBRC09050	KM09103351	AK-3	0.01	0.01	G488569	AA24
30 Sep 09	KBRC09050	KM09103351	AK-3	0.01	0.01	G488597	AA24
30 Sep 09	KBRC09057	KM09103351	AK-3	0.01	0.01	G488617	AA24
30 Sep 09	KBRC09057	KM09103351	AK-3	0.01	0.01	G488624	AA24
30 Sep 09	KBRC09057	KM09103351	AK-3	0.01	0.01	G488654	AA24
30 Sep 09	KBRC09057	KM09103351	AK-3	0.01	0.01	G488665	AA24
30 Sep 09	KBRC09057	KM09103351	AK-3	0.01	0.01	G488685	AA24
30 Sep 09	KBRC09057	KM09103351	AK-3	0.01	0.01	G488704	AA24
30 Sep 09	KBRC09058	KM09103351	AK-3	0.01	0.01	G488725	AA24
30 Sep 09	KBRC09058	KM09103352	AK-3	0.01	0.01	G488749	AA24
30 Sep 09	KBRC09058	KM09103352	AK-3	0.01	0.01	G488774	AA24
30 Sep 09	KBRC09058	KM09103352	AK-3	0.01	0.01	G488784	AA24
30 Sep 09	KBRC09058	KM09103352	AK-3	0.01	0.01	G488805	AA24
30 Sep 09	KBRC09058	KM09103352	AK-3	0.01	0.01	G488829	AA24
30 Sep 09	KBRC09058	KM09103352	AK-3	0.01	0.01	G488847	AA24
30 Sep 09	KBRC09058	KM09103352	AK-3	0.01	0.01	G488868	AA24
30 Sep 09	KBRC09058	KM09103352	AK-3	0.01	0.01	G488890	AA24
30 Sep 09	KBRC09059	KM09103352	AK-3	0.01	0.01	G488909	AA24
30 Sep 09	KBRC09059	KM09103352	AK-3	0.01	0.01	G488935	AA24
30 Sep 09	KBRC09059	KM09103352	AK-3	0.01	0.01	G488954	AA24
30 Sep 09	KBRC09059	KM09103352	AK-3	0.01	0.01	G488965	AA24
30 Sep 09	KBRC09059	KM09103353	AK-3	0.01	0.01	G488995	AA24
30 Sep 09	KBRC09060	KM09103353	AK-3	0.01	0.01	G489017	AA24
30 Sep 09	KBRC09060	KM09103353	AK-3	0.01	0.01	G489029	AA24
30 Sep 09	KBRC09060	KM09103353	AK-3	0.01	0.01	G489053	AA24
30 Sep 09	KBRC09060	KM09103353	AK-3	0.01	0.01	G489064	AA24
30 Sep 09	KBRC09061	KM09103353	AK-3	0.01	0.01	G489096	AA24
30 Sep 09	KBRC09061	KM09103353	AK-3	0.01	0.01	G489116	AA24
30 Sep 09	KBRC09061	KM09103353	AK-3	0.01	0.01	G489128	AA24
30 Sep 09	KBRC09061	KM09103353	AK-3	0.01	0.01	G489158	AA24
30 Sep 09	KBRC09062	KM09103353	AK-3	0.01	0.01	G489176	AA24
30 Sep 09	KBRC09062	KM09103353	AK-3	0.01	0.01	G489194	AA24
30 Sep 09	KBRC09062	KM09103354	AK-3	0.01	0.01	G489215	AA24
30 Sep 09	KBRC09062	KM09103354	AK-3	0.01	0.01	G489230	AA24
30 Sep 09	KBRC09062	KM09103354	AK-3	0.01	0.01	G489259	AA24
30 Sep 09	KBRC09062	KM09103354	AK-3	0.01	0.01	G489269	AA24
30 Sep 09	KBRC09062	KM09103354	AK-3	0.01	0.01	G489285	AA24
30 Sep 09	KBRC09063	KM09103354	AK-3	0.01	0.01	G489309	AA24
30 Sep 09	KBRC09063	KM09103354	AK-3	0.01	0.01	G489330	AA24
30 Sep 09	KBRC09063	KM09103354	AK-3	0.01	0.01	G489354	AA24
30 Sep 09	KBRC09063	KM09103354	AK-3	0.01	0.01	G489370	AA24
30 Sep 09	KBRC09063	KM09103354	AK-3	0.01	0.01	G489384	AA24
12 May 10	KBDD10087	KM10175846	KS-1	0.01	0.02	G371695	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
12 May 10	KBDD10087	KM10175846	KS-1	0.01	0.01	G371709	AA24
12 May 10	KBDD10087	KM10175846	KS-1	0.01	0.02	G371740	AA24
12 May 10	KBDD10087	KM10175846	KS-1	0.01	0.04	G371753	AA24
12 May 10	KBDD10087	KM10175846	KS-1	0.01	0.01	G371767	AA24
12 May 10	KBDD10087	KM10175846	KS-1	0.01	0.01	G371799	AA24
12 May 10	KBDD10087	KM10175846	KS-1	0.01	0.01	G371815	AA24
12 May 10	KBDD10087	KM10175846	KS-1	0.01	0.01	G371827	AA24
12 May 10	KBDD10087	KM10175846	KS-1	0.01	0.05	G371860	AA24
12 May 10	KBDD10087	KM10175846	KS-1	0.01	0.02	G371875	AA24
12 May 10	KBDD10090	KM10175846	KS-1	0.01	0.01	G371886	AA24
12 Oct 10	KBDD10090	KM10175848	KS-1	0.01	0.01	G372114	AA24
12 Oct 10	KBDD10090	KM10175848	KS-1	0.01	0.01	G372127	AA24
12 Oct 10	KBDD10090	KM10175848	KS-1	0.01	0.01	G372158	AA24
12 Oct 10	KBDD10090	KM10175848	KS-1	0.01	0.01	G372173	AA24
12 Oct 10	KBDD10090	KM10175848	KS-1	0.01	0.01	G372188	AA24
12 Oct 10	KBDD10090	KM10175848	KS-1	0.01	0.01	G372220	AA24
12 Oct 10	KBDD10090	KM10175848	KS-1	0.01	0.01	G372232	AA24
12 Oct 10	KBDD10090	KM10175848	KS-1	0.01	0.01	G372247	AA24
12 Oct 10	KBDD10090	KM10175848	KS-1	0.01	0.01	G372278	AA24
12 Oct 10	KBDD10091	KM10175848	KS-1	0.01	0.01	G372291	AA24
12 Oct 10	KBDD10091	KM10175848	KS-1	0.01	0.01	G372305	AA24
18 Oct 10	KBDD10070	KM10145779	KS-1	0.01	0.01	G370272	AA24
18 Oct 10	KBDD10070	KM10145779	KS-1	0.01	0.01	G370288	AA24
18 Oct 10	KBDD10071	KM10145779	KS-1	0.01	0.01	G370309	AA24
18 Oct 10	KBDD10071	KM10145779	KS-1	0.01	0.01	G370328	AA24
18 Oct 10	KBDD10071	KM10145779	KS-1	0.01	0.01	G370343	AA24
18 Oct 10	KBDD10071	KM10145779	KS-1	0.01	0.01	G370366	AA24
18 Oct 10	KBDD10071	KM10145779	KS-1	0.01	0.01	G370397	AA24
18 Oct 10	KBDD10071	KM10145779	KS-1	0.01	0.01	G370416	AA24
18 Oct 10	KBDD10071	KM10145779	KS-1	0.01	0.01	G370430	AA24
18 Oct 10	KBDD10071	KM10145779	KS-1	0.01	0.01	G370453	AA24
18 Oct 10	KBDD10071	KM10145779	KS-1	0.01	0.01	G370464	AA24
18 Oct 10	KBDD10071	KM10145779	KS-1	0.01	0.01	G370492	AA24
18 Oct 10	KBDD10071	KM10146990	KS-1	0.01	0.01	G370504	AA24
18 Oct 10	KBDD10072	KM10146990	KS-1	0.01	0.01	G370537	AA24
18 Oct 10	KBDD10073	KM10146990	KS-1	0.01	0.01	G370559	AA24
18 Oct 10	KBDD10073	KM10146990	KS-1	0.01	0.01	G370565	AA24
18 Oct 10	KBDD10075	KM10146990	KS-1	0.01	0.01	G370591	AA24
18 Oct 10	KBDD10076	KM10146990	KS-1	0.01	0.01	G370619	AA24
18 Oct 10	KBDD10077	KM10146990	KS-1	0.01	0.01	G370632	AA24
18 Oct 10	KBDD10077	KM10146990	KS-1	0.01	0.01	G370645	AA24
18 Oct 10	KBDD10079	KM10146990	KS-1	0.01	0.01	G370680	AA24
18 Oct 10	KBDD10079	KM10146990	KS-1	0.01	0.02	G370690	AA24
18 Oct 10	KBDD10080	KM10146990	KS-1	0.01	0.01	G370710	AA24
18 Oct 10	KBDD10081	KM10146990	KS-1	0.01	0.01	G370733	AA24

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18 Oct 10	KBDD10081	KM10146990	KS-1	0.01	0.01	G370750	AA24
19 Oct 10	KBDD10069	KM10145778	KS-1	0.01	0.01	G370011	AA24
19 Oct 10	KBDD10069	KM10145778	KS-1	0.01	0.01	G370026	AA24
19 Oct 10	KBDD10069	KM10145778	KS-1	0.01	0.01	G370088	AA24
19 Oct 10	KBDD10069	KM10145778	KS-1	0.01	0.01	G370122	AA24
19 Oct 10	KBDD10069	KM10145778	KS-1	0.01	0.01	G370148	AA24
19 Oct 10	KBDD10069	KM10145778	KS-1	0.01	0.02	G370164	AA24
19 Oct 10	KBDD10070	KM10145778	KS-1	0.01	0.01	G370055	AA24
19 Oct 10	KBDD10070	KM10145778	KS-1	0.01	0.01	G370190	AA24
19 Oct 10	KBDD10070	KM10145778	KS-1	0.01	0.01	G370229	AA24
19 Oct 10	KBDD10071	KM10145778	KS-1	0.01	0.01	G370067	AA24
19 Oct 10	KBDD10072	KM10146991	KS-1	0.01	0.01	G370839	AA24
19 Oct 10	KBDD10072	KM10146991	KS-1	0.01	0.01	G370856	AA24
19 Oct 10	KBDD10072	KM10146991	KS-1	0.01	0.01	G370868	AA24
19 Oct 10	KBDD10072	KM10146991	KS-1	0.01	0.01	G370891	AA24
19 Oct 10	KBDD10072	KM10146991	KS-1	0.01	0.01	G370901	AA24
19 Oct 10	KBDD10072	KM10146991	KS-1	0.01	0.01	G370937	AA24
19 Oct 10	KBDD10072	KM10146991	KS-1	0.01	0.01	G370952	AA24
19 Oct 10	KBDD10072	KM10146991	KS-1	0.01	0.01	G370964	AA24
19 Oct 10	KBDD10073	KM10146991	KS-1	0.01	0.01	G370997	AA24
19 Oct 10	KBDD10082	KM10146991	KS-1	0.01	0.01	G370775	AA24
19 Oct 10	KBDD10085	KM10146991	KS-1	0.01	0.01	G370789	AA24
19 Oct 10	KBDD10086	KM10146991	KS-1	0.01	0.01	G370814	AA24
20 Oct 10	KBDD10073	KM10146992	KS-1	0.01	0.01	G371019	AA24
20 Oct 10	KBDD10073	KM10146992	KS-1	0.01	0.01	G371028	AA24
20 Oct 10	KBDD10085	KM10146992	KS-1	0.01	0.01	G371052	AA24
20 Oct 10	KBDD10085	KM10146992	KS-1	0.01	0.01	G371075	AA24
20 Oct 10	KBDD10085	KM10146992	KS-1	0.01	0.01	G371087	AA24
20 Oct 10	KBDD10085	KM10146992	KS-1	0.01	0.01	G371107	AA24
20 Oct 10	KBDD10085	KM10146992	KS-1	0.01	0.01	G371138	AA24
20 Oct 10	KBDD10085	KM10146992	KS-1	0.01	0.01	G371167	AA24
20 Oct 10	KBDD10085	KM10146992	KS-1	0.01	0.01	G371194	AA24
20 Oct 10	KBDD10085	KM10146992	KS-1	0.01	0.01	G371240	AA24
25 Oct 10	KBDD10086	KM10146994	KS-1	0.01	0.01	G371518	AA24
25 Oct 10	KBDD10086	KM10146994	KS-1	0.01	0.01	G371531	AA24
25 Oct 10	KBDD10086	KM10146994	KS-1	0.01	0.01	G371553	AA24
25 Oct 10	KBDD10086	KM10146994	KS-1	0.01	0.01	G371562	AA24
25 Oct 10	KBDD10086	KM10146994	KS-1	0.01	0.01	G371598	AA24
25 Oct 10	KBDD10086	KM10146994	KS-1	0.01	0.01	G371619	AA24
25 Oct 10	KBDD10086	KM10146994	KS-1	0.01	0.01	G371633	AA24
25 Oct 10	KBDD10086	KM10146994	KS-1	0.01	0.01	G371648	AA24
25 Oct 10	KBDD10086	KM10146994	KS-1	0.01	0.01	G371680	AA24
27 Oct 10	KBDD10085	KM10146993	KS-1	0.01	0.01	G371253	AA24
27 Oct 10	KBDD10085	KM10146993	KS-1	0.01	0.01	G371266	AA24
27 Oct 10	KBDD10085	KM10146993	KS-1	0.01	0.01	G371295	AA24

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27 Oct 10	KBDD10085	KM10146993	KS-1	0.01	0.01	G371318	AA24
27 Oct 10	KBDD10085	KM10146993	KS-1	0.01	0.01	G371325	AA24
27 Oct 10	KBDD10085	KM10146993	KS-1	0.01	0.01	G371359	AA24
27 Oct 10	KBDD10085	KM10146993	KS-1	0.01	0.01	G371375	AA24
27 Oct 10	KBDD10086	KM10146993	KS-1	0.01	0.01	G371386	AA24
27 Oct 10	KBDD10086	KM10146993	KS-1	0.01	0.01	G371414	AA24
27 Oct 10	KBDD10086	KM10146993	KS-1	0.01	0.01	G371460	AA24
27 Oct 10	KBDD10086	KM10146993	KS-1	0.01	0.01	G371470	AA24
27 Oct 10	KBDD10086	KM10146993	KS-1	0.01	0.01	G371500	AA24
12 Nov 10	KBDD10090	KM10175847	KS-1	0.01	0.01	G371920	AA24
12 Nov 10	KBDD10090	KM10175847	KS-1	0.01	0.01	G371934	AA24
12 Nov 10	KBDD10090	KM10175847	KS-1	0.01	0.01	G371948	AA24
12 Nov 10	KBDD10090	KM10175847	KS-1	0.01	0.01	G371980	AA24
12 Nov 10	KBDD10090	KM10175847	KS-1	0.01	0.01	G371992	AA24
12 Nov 10	KBDD10090	KM10175847	KS-1	0.01	0.01	G372019	AA24
12 Nov 10	KBDD10090	KM10175847	KS-1	0.01	0.01	G372026	AA24
12 Nov 10	KBDD10090	KM10175847	KS-1	0.01	0.01	G372054	AA24
12 Nov 10	KBDD10090	KM10175847	KS-1	0.01	0.01	G372067	AA24
12 Nov 10	KBDD10090	KM10175847	KS-1	0.01	0.01	G372097	AA24
21 Dec 10	KBDD10074	KM10176322	KS-1	0.01	0.01	G372940	AA24
21 Dec 10	KBDD10074	KM10176322	KS-1	0.01	0.01	G372953	AA24
21 Dec 10	KBDD10079	KM10176322	KS-1	0.01	0.01	G372968	AA24
21 Dec 10	KBDD10079	KM10176322	KS-1	0.01	0.01	G372998	AA24
21 Dec 10	KBDD10079	KM10176322	KS-1	0.01	0.01	G373013	AA24
21 Dec 10	KBDD10079	KM10176322	KS-1	0.01	0.01	G373028	AA24
21 Dec 10	KBDD10091	KM10175849	KS-1	0.01	0.01	G372339	AA24
21 Dec 10	KBDD10091	KM10175849	KS-1	0.01	0.01	G372353	AA24
21 Dec 10	KBDD10091	KM10175849	KS-1	0.01	0.01	G372367	AA24
21 Dec 10	KBDD10091	KM10175849	KS-1	0.01	0.01	G372398	AA24
21 Dec 10	KBDD10091	KM10175849	KS-1	0.01	0.01	G372410	AA24
21 Dec 10	KBDD10091	KM10175849	KS-1	0.01	0.02	G372425	AA24
21 Dec 10	KBDD10091	KM10175849	KS-1	0.01	0.01	G372458	AA24
21 Dec 10	KBDD10091	KM10175849	KS-1	0.01	0.02	G372472	AA24
21 Dec 10	KBDD10091	KM10175849	KS-1	0.01	0.01	G372489	AA24
21 Dec 10	KBDD10091	KM10176320	KS-1	0.01	0.01	G372519	AA24
21 Dec 10	KBDD10091	KM10176320	KS-1	0.01	0.01	G372532	AA24
21 Dec 10	KBDD10095	KM10176320	KS-1	0.01	0.01	G372548	AA24
21 Dec 10	KBDD10095	KM10176320	KS-1	0.01	0.01	G372578	AA24
21 Dec 10	KBDD10095	KM10176320	KS-1	0.01	0.01	G372593	AA24
21 Dec 10	KBDD10095	KM10176320	KS-1	0.01	0.01	G372608	AA24
21 Dec 10	KBDD10095	KM10176320	KS-1	0.01	0.01	G372639	AA24
21 Dec 10	KBDD10095	KM10176320	KS-1	0.01	0.01	G372654	AA24
21 Dec 10	KBDD10095	KM10176320	KS-1	0.01	0.01	G372668	AA24
21 Dec 10	KBDD10096	KM10176320	KS-1	0.01	0.01	G372700	AA24
21 Dec 10	KBDD10096	KM10176320	KS-1	0.01	0.01	G372713	AA24

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21 Dec 10	KBDD10096	KM10176321	KS-1	0.01	0.01	G372729	AA24
21 Dec 10	KBDD10096	KM10176321	KS-1	0.01	0.01	G372758	AA24
21 Dec 10	KBDD10096	KM10176321	KS-1	0.01	0.01	G372772	AA24
21 Dec 10	KBDD10096	KM10176321	KS-1	0.01	0.01	G372788	AA24
21 Dec 10	KBDD10096	KM10176321	KS-1	0.01	0.01	G372820	AA24
21 Dec 10	KBDD10096	KM10176321	KS-1	0.01	0.01	G372832	AA24
21 Dec 10	KBDD10096	KM10176321	KS-1	0.01	0.01	G372847	AA24
21 Dec 10	KBDD10096	KM10176321	KS-1	0.01	0.01	G372880	AA24
21 Dec 10	KBDD10096	KM10176321	KS-1	0.01	0.01	G372893	AA24
21 Dec 10	KBDD10096	KM10176321	KS-1	0.01	0.01	G372907	AA24
31 Dec 10	KBDD10088	KM10183625	KS-1	0.01	0.01	G373058	AA24
31 Dec 10	KBDD10088	KM10183625	KS-1	0.01	0.01	G373071	AA24
31 Dec 10	KBDD10088	KM10183625	KS-1	0.01	0.01	G373086	AA24
31 Dec 10	KBDD10088	KM10183625	KS-1	0.01	0.01	G373119	AA24
31 Dec 10	KBDD10088	KM10183625	KS-1	0.01	0.01	G373132	AA24
31 Dec 10	KBDD10088	KM10183625	KS-1	0.01	0.01	G373148	AA24
31 Dec 10	KBDD10088	KM10183625	KS-1	0.01	0.01	G373195	AA24
31 Dec 10	KBDD10088	KM10183625	KS-1	0.01	0.01	G373206	AA24
31 Dec 10	KBDD10088	KM10183625	KS-1	0.01	0.01	G373238	AA24
2 Jan 11	KBDD10075	KM10183773	KS-1	0.01	0.01	G374410	AA24
2 Jan 11	KBDD10075	KM10183773	KS-1	0.01	0.01	G374430	AA24
2 Jan 11	KBDD10075	KM10183773	KS-1	0.01	0.01	G374449	AA24
2 Jan 11	KBDD10075	KM10183773	KS-1	0.01	0.01	G374470	AA24
2 Jan 11	KBDD10076	KM10183773	KS-1	0.01	0.01	G374280	AA24
2 Jan 11	KBDD10076	KM10183773	KS-1	0.01	0.01	G374289	AA24
2 Jan 11	KBDD10076	KM10183773	KS-1	0.01	0.01	G374310	AA24
2 Jan 11	KBDD10076	KM10183773	KS-1	0.01	0.02	G374329	AA24
2 Jan 11	KBDD10076	KM10183773	KS-1	0.01	0.01	G374348	AA24
2 Jan 11	KBDD10076	KM10183773	KS-1	0.01	0.01	G374370	AA24
2 Jan 11	KBDD10076	KM10183773	KS-1	0.01	0.01	G374387	AA24
11 Jan 11	KBDD11161	KM11191729	KS-4	0.01	0.01	G482336	AA24
11 Jan 11	KBDD11161	KM11191729	KS-4	0.01	0.01	G482358	AA24
11 Jan 11	KBDD11161	KM11191729	KS-4	0.01	0.01	G482379	AA24
11 Jan 11	KBDD11161	KM11191729	KS-4	0.01	0.01	G482401	AA24
11 Jan 11	KBDD11161	KM11191729	KS-4	0.01	0.01	G482422	AA24
11 Jan 11	KBDD11161	KM11191729	KS-4	0.01	0.01	G482444	AA24
11 Jan 11	KBDD11161	KM11191729	KS-4	0.01	0.01	G482465	AA24
11 Jan 11	KBDD11161	KM11191729	KS-4	0.01	0.01	G482487	AA24
11 Jan 11	KBDD11161	KM11191729	KS-4	0.01	0.02	G482558	AA24
11 Jan 11	KBDD11161	KM11194510	KS-4	0.01	0.01	G482580	AA24
11 Jan 11	KBDD11161	KM11194510	KS-4	0.01	0.01	G482602	AA24
11 Jan 11	KBDD11161	KM11194510	KS-4	0.01	0.01	G482624	AA24
11 Jan 11	KBDD11161	KM11194510	KS-4	0.01	0.01	G482645	AA24
11 Jan 11	KBDD11161	KM11194510	KS-4	0.01	0.01	G482667	AA24
11 Jan 11	KBDD11161	KM11194510	KS-4	0.01	0.02	G482688	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
11 Jan 11	KBDD11161	KM11194510	KS-4	0.01	0.01	G482710	AA24
11 Jan 11	KBDD11161	KM11194510	KS-4	0.01	0.01	G482731	AA24
11 Jan 11	KBDD11161	KM11194510	KS-4	0.01	0.02	G482753	AA24
11 Jan 11	KBDD11164	KM11208005	KS-4	0.01	0.01	G483269	AA24
11 Jan 11	KBDD11164	KM11208005	KS-4	0.01	0.01	G483290	AA24
11 Jan 11	KBDD11164	KM11208005	KS-4	0.01	0.01	G483312	AA24
11 Jan 11	KBDD11164	KM11208005	KS-4	0.01	0.01	G483333	AA24
11 Jan 11	KBDD11164	KM11208005	KS-4	0.01	0.02	G483355	AA24
11 Jan 11	KBDD11164	KM11208005	KS-4	0.01	0.01	G483376	AA24
11 Jan 11	KBDD11164	KM11208005	KS-4	0.01	0.01	G483398	AA24
11 Jan 11	KBDD11164	KM11208005	KS-4	0.01	0.01	G483419	AA24
11 Jan 11	KBDD11164	KM11208005	KS-4	0.01	0.01	G483441	AA24
20 Jan 11	KBDD10089	KM10183770	KS-1	0.01	0.02	G373686	AA24
20 Jan 11	KBDD10089	KM10183770	KS-1	0.01	0.02	G373718	AA24
20 Jan 11	KBDD10089	KM10183770	KS-1	0.01	0.02	G373729	AA24
20 Jan 11	KBDD10089	KM10183770	KS-1	0.01	0.01	G373749	AA24
20 Jan 11	KBDD10089	KM10183770	KS-1	0.01	0.01	G373778	AA24
20 Jan 11	KBDD10089	KM10183770	KS-1	0.01	0.01	G373788	AA24
20 Jan 11	KBDD10089	KM10183770	KS-1	0.01	0.01	G373807	AA24
20 Jan 11	KBDD10089	KM10183770	KS-1	0.01	0.01	G373840	AA24
20 Jan 11	KBDD10089	KM10183770	KS-1	0.01	0.01	G373849	AA24
20 Jan 11	KBDD10089	KM10183770	KS-1	0.01	0.01	G373869	AA24
21 Jan 11	KBDD10083	KM10183771	KS-1	0.01	0.01	G374019	AA24
21 Jan 11	KBDD10083	KM10183771	KS-1	0.01	0.01	G374039	AA24
21 Jan 11	KBDD10083	KM10183771	KS-1	0.01	0.01	G374049	AA24
21 Jan 11	KBDD10083	KM10183771	KS-1	0.01	0.01	G374068	AA24
21 Jan 11	KBDD10089	KM10183629	KS-1	0.01	0.01	G373656	AA24
21 Jan 11	KBDD10089	KM10183629	KS-1	0.01	0.01	G373669	AA24
21 Jan 11	KBDD10089	KM10183771	KS-1	0.01	0.01	G373897	AA24
21 Jan 11	KBDD10089	KM10183771	KS-1	0.01	0.01	G373909	AA24
21 Jan 11	KBDD10089	KM10183771	KS-1	0.01	0.03	G373940	AA24
21 Jan 11	KBDD10089	KM10183771	KS-1	0.01	0.01	G373958	AA24
21 Jan 11	KBDD10089	KM10183771	KS-1	0.01	0.01	G373968	AA24
21 Jan 11	KBDD10089	KM10183771	KS-1	0.01	0.01	G373986	AA24
21 Jan 11	KBDD10092	KM10183629	KS-1	0.01	0.01	G373446	AA24
21 Jan 11	KBDD10092	KM10183629	KS-1	0.01	0.02	G373478	AA24
21 Jan 11	KBDD10092	KM10183629	KS-1	0.01	0.01	G373492	AA24
21 Jan 11	KBDD10092	KM10183629	KS-1	0.01	0.01	G373508	AA24
21 Jan 11	KBDD10092	KM10183629	KS-1	0.01	0.01	G373539	AA24
21 Jan 11	KBDD10092	KM10183629	KS-1	0.01	0.01	G373550	AA24
21 Jan 11	KBDD10092	KM10183629	KS-1	0.01	0.01	G373568	AA24
21 Jan 11	KBDD10092	KM10183629	KS-1	0.01	0.01	G373596	AA24
22 Jan 11	KBDD10099	KM11007758	KS-1	0.01	0.01	G373607	AA24
22 Jan 11	KBDD10099	KM11007758	KS-1	0.01	0.01	G373629	AA24
22 Jan 11	KBDD10099	KM11007758	KS-1	0.01	0.01	G470729	AA24

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22 Jan 11	KBDD10099	KM11007758	KS-1	0.01	0.01	G470747	AA24
22 Jan 11	KBDD10099	KM11007758	KS-1	0.01	0.01	G470768	AA24
22 Jan 11	KBDD10099	KM11007758	KS-1	0.01	0.01	G470787	AA24
22 Jan 11	KBDD10099	KM11007758	KS-1	0.01	0.01	G470809	AA24
22 Jan 11	KBDD10099	KM11007758	KS-1	0.01	0.01	G470829	AA24
22 Jan 11	KBDD10099	KM11007758	KS-1	0.01	0.01	G470848	AA24
22 Jan 11	KBDD10099	KM11007758	KS-1	0.01	0.01	G470869	AA24
24 Jan 11	KBDD10099	KM11007759	KS-1	0.01	0.05	G470887	AA24
24 Jan 11	KBDD10099	KM11007759	KS-1	0.01	0.04	G470907	AA24
24 Jan 11	KBDD10101	KM11007759	KS-1	0.01	0.01	G471210	AA24
24 Jan 11	KBDD10101	KM11007759	KS-1	0.01	0.01	G471229	AA24
24 Jan 11	KBDD10101	KM11007759	KS-1	0.01	0.01	G471249	AA24
24 Jan 11	KBDD10101	KM11007759	KS-1	0.01	0.01	G471269	AA24
24 Jan 11	KBDD10101	KM11007759	KS-1	0.01	0.02	G471289	AA24
24 Jan 11	KBDD10101	KM11007759	KS-1	0.01	0.03	G471308	AA24
24 Jan 11	KBDD10101	KM11007759	KS-1	0.01	0.02	G471328	AA24
24 Jan 11	KBDD10101	KM11007759	KS-1	0.01	0.09	G471347	AA24
25 Jan 11	KBDD10101	KM11008970	KS-1	0.01	0.01	G471368	AA24
25 Jan 11	KBDD10101	KM11008970	KS-2	0.01	0.01	G471388	AA24
25 Jan 11	KBDD10101	KM11008970	KS-2	0.01	0.01	G471408	AA24
25 Jan 11	KBDD10103	KM11008970	KS-2	0.01	0.01	G471630	AA24
25 Jan 11	KBDD10103	KM11008970	KS-2	0.01	0.07	G471647	AA24
25 Jan 11	KBDD10103	KM11008970	KS-2	0.01	0.02	G471670	AA24
25 Jan 11	KBDD10103	KM11008970	KS-2	0.01	0.02	G471688	AA24
25 Jan 11	KBDD10103	KM11008970	KS-2	0.01	0.01	G471707	AA24
25 Jan 11	KBDD10103	KM11008970	KS-2	0.01	0.02	G471729	AA24
25 Jan 11	KBDD10103	KM11008971	KS-2	0.01	0.01	G471747	AA24
25 Jan 11	KBDD10103	KM11008971	KS-2	0.01	0.10	G471768	AA24
25 Jan 11	KBDD10103	KM11008971	KS-2	0.01	0.06	G471788	AA24
25 Jan 11	KBDD10103	KM11008971	KS-2	0.01	0.03	G471810	AA24
28 Jan 11	KBDD10083	KM10183772	KS-1	0.01	0.05	G374088	AA24
28 Jan 11	KBDD10083	KM10183772	KS-1	0.01	0.04	G374120	AA24
28 Jan 11	KBDD10084	KM10183772	KS-1	0.01	0.02	G374140	AA24
28 Jan 11	KBDD10084	KM10183772	KS-1	0.01	0.03	G374159	AA24
28 Jan 11	KBDD10084	KM10183772	KS-1	0.01	0.02	G374179	AA24
28 Jan 11	KBDD10084	KM10183772	KS-1	0.01	0.02	G374198	AA24
28 Jan 11	KBDD10084	KM10183772	KS-1	0.01	0.02	G374220	AA24
28 Jan 11	KBDD10084	KM10183772	KS-1	0.01	0.01	G374240	AA24
28 Jan 11	KBDD10084	KM10183772	KS-1	0.01	0.01	G374258	AA24
12 Feb 11	KBDD11171	KM11232661	KS-5	0.01	0.01	G381560	AA24D
12 Feb 11	KBDD11171	KM11232661	KS-5	0.01	0.01	G381560	AA24TR
12 Feb 11	KBDD11171	KM11232661	KS-5	0.01	0.01	G381560	AA24A
12 Feb 11	KBDD11172	KM11232661	KS-5	0.01	0.01	G381687	AA24TR
12 Feb 11	KBDD11172	KM11232661	KS-5	0.01	0.01	G381687	AA24A
12 Feb 11	KBDD11172	KM11232661	KS-5	0.01	0.02	G381687	AA24D

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16 Feb 11	KBDD10080	KM10184955	KS-1	0.01	0.05	G470148	AA24
16 Feb 11	KBDD10080	KM10184955	KS-1	0.01	0.01	G470169	AA24
16 Feb 11	KBDD10080	KM10184955	KS-1	0.01	0.01	G470189	AA24
16 Feb 11	KBDD10093	KM10184955	KS-1	0.01	0.01	G470019	AA24
16 Feb 11	KBDD10093	KM10184955	KS-1	0.01	0.01	G470038	AA24
16 Feb 11	KBDD10093	KM10184955	KS-1	0.01	0.01	G470058	AA24
16 Feb 11	KBDD10093	KM10184955	KS-1	0.01	0.08	G470080	AA24
16 Feb 11	KBDD10093	KM10184955	KS-1	0.01	0.07	G470100	AA24
16 Feb 11	KBDD10093	KM10184955	KS-1	0.01	0.09	G470109	AA24
16 Feb 11	KBDD10093	KM10184955	KS-1	0.01	0.05	G470129	AA24
16 Feb 11	KBDD10094	KM10184956	KS-1	0.01	0.07	G470210	AA24
16 Feb 11	KBDD10094	KM10184956	KS-1	0.01	0.10	G470229	AA24
16 Feb 11	KBDD10094	KM10184956	KS-1	0.01	0.05	G470247	AA24
16 Feb 11	KBDD10094	KM10184956	KS-1	0.01	0.05	G470269	AA24
16 Feb 11	KBDD10094	KM10184956	KS-1	0.01	0.01	G470287	AA24
16 Feb 11	KBDD10094	KM10184956	KS-1	0.01	0.01	G470308	AA24
16 Feb 11	KBDD10094	KM10184956	KS-1	0.01	0.01	G470328	AA24
16 Feb 11	KBDD10094	KM10184956	KS-1	0.01	0.01	G470348	AA24
16 Feb 11	KBDD10094	KM10184956	KS-1	0.01	0.01	G470368	AA24
16 Feb 11	KBDD10094	KM10184956	KS-1	0.01	0.01	G470388	AA24
5 Mar 11	KBDD11107	KM11054604	KS-2	0.01	0.01	G472628	AA24
5 Mar 11	KBDD11108	KM11054604	KS-2	0.01	0.01	G472647	AA24
5 Mar 11	KBDD11108	KM11054604	KS-2	0.01	0.01	G472669	AA24
5 Mar 11	KBDD11108	KM11054604	KS-2	0.01	0.01	G472691	AA24
5 Mar 11	KBDD11108	KM11054604	KS-2	0.01	0.01	G472709	AA24
5 Mar 11	KBDD11108	KM11054604	KS-2	0.01	0.01	G472729	AA24
5 Mar 11	KBDD11108	KM11054604	KS-2	0.01	0.01	G472748	AA24
5 Mar 11	KBDD11108	KM11054604	KS-2	0.01	0.01	G472769	AA24
5 Mar 11	KBDD11108	KM11054604	KS-2	0.01	0.01	G472789	AA24
5 Mar 11	KBDD11108	KM11054604	KS-2	0.01	0.01	G472810	AA24
9 Mar 11	KBDD11141	KM11129321	KS-3	0.01	0.01	G468530	AA24
9 Mar 11	KBDD11141	KM11129321	KS-3	0.01	0.01	G468546	AA24
9 Mar 11	KBDD11141	KM11129321	KS-3	0.01	0.01	G468570	AA24
9 Mar 11	KBDD11141	KM11129321	KS-3	0.01	0.01	G468587	AA24
9 Mar 11	KBDD11141	KM11129321	KS-3	0.01	0.01	G468606	AA24
9 Mar 11	KBDD11141	KM11129321	KS-3	0.01	0.01	G468629	AA24
9 Mar 11	KBDD11141	KM11129321	KS-3	0.01	0.01	G468647	AA24
9 Mar 11	KBDD11141	KM11129321	KS-3	0.01	0.01	G468670	AA24
9 Mar 11	KBDD11141	KM11129321	KS-3	0.01	0.01	G468689	AA24
9 Mar 11	KBDD11141	KM11129321	KS-3	0.01	0.01	G468709	AA24
5-Apr-11	KBDD10100	KM11012801	KS-1	0.01	0.01	G471048	AA24
5-Apr-11	KBDD10100	KM11012801	KS-1	0.01	0.01	G471068	AA24
5-Apr-11	KBDD10100	KM11012801	KS-1	0.01	0.01	G471088	AA24
5-Apr-11	KBDD10100	KM11012801	KS-1	0.01	0.01	G471109	AA24
5-Apr-11	KBDD10100	KM11012801	KS-1	0.01	0.01	G471128	AA24

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5-Apr-11	KBDD10100	KM11012801	KS-1	0.01	0.01	G471148	AA24
5-Apr-11	KBDD10100	KM11012801	KS-1	0.01	0.01	G471168	AA24
5-Apr-11	KBDD10100	KM11012801	KS-1	0.01	0.01	G471189	AA24
5-Apr-11	KBDD10102	KM11012801	KS-2	0.01	0.01	G471429	AA24
5-Apr-11	KBDD10102	KM11012801	KS-2	0.01	0.01	G471448	AA24
13-Apr-11	KBDD11105	KM11054601	KS-2	0.01	0.01	G472027	AA24
13-Apr-11	KBDD11105	KM11054601	KS-2	0.01	0.01	G472047	AA24
13-Apr-11	KBDD11105	KM11054601	KS-2	0.01	0.01	G472069	AA24
13-Apr-11	KBDD11105	KM11054601	KS-2	0.01	0.01	G472089	AA24
13-Apr-11	KBDD11105	KM11054601	KS-2	0.01	0.01	G472108	AA24
13-Apr-11	KBDD11106	KM11054601	KS-2	0.01	0.01	G472129	AA24
13-Apr-11	KBDD11106	KM11054601	KS-2	0.01	0.01	G472149	AA24
13-Apr-11	KBDD11106	KM11054601	KS-2	0.01	0.01	G472168	AA24
13-Apr-11	KBDD11106	KM11054601	KS-2	0.01	0.01	G472186	AA24
13-Apr-11	KBDD11106	KM11054601	KS-2	0.01	0.01	G472208	AA24
16-Apr-11	KBDD11106	KM11054602	KS-2	0.01	0.01	G472229	AA24
16-Apr-11	KBDD11106	KM11054602	KS-2	0.01	0.01	G472247	AA24
16-Apr-11	KBDD11106	KM11054602	KS-2	0.01	0.02	G472269	AA24
16-Apr-11	KBDD11106	KM11054602	KS-2	0.01	0.01	G472286	AA24
16-Apr-11	KBDD11107	KM11054602	KS-2	0.01	0.01	G472309	AA24
16-Apr-11	KBDD11107	KM11054602	KS-2	0.01	0.01	G472329	AA24
16-Apr-11	KBDD11107	KM11054602	KS-2	0.01	0.01	G472348	AA24
16-Apr-11	KBDD11107	KM11054602	KS-2	0.01	0.01	G472370	AA24
16-Apr-11	KBDD11107	KM11054602	KS-2	0.01	0.01	G472387	AA24
16-Apr-11	KBDD11107	KM11054602	KS-2	0.01	0.01	G472409	AA24
20-Apr-11	KBDD11107	KM11054603	KS-2	0.01	0.01	G472428	AA24
20-Apr-11	KBDD11107	KM11054603	KS-2	0.01	0.01	G472449	AA24
20-Apr-11	KBDD11107	KM11054603	KS-2	0.01	0.01	G472470	AA24
20-Apr-11	KBDD11107	KM11054603	KS-2	0.01	0.01	G472488	AA24
20-Apr-11	KBDD11107	KM11054603	KS-2	0.01	0.01	G472511	AA24
20-Apr-11	KBDD11107	KM11054603	KS-2	0.01	0.01	G472528	AA24
20-Apr-11	KBDD11107	KM11054603	KS-2	0.01	0.01	G472550	AA24
20-Apr-11	KBDD11107	KM11054603	KS-2	0.01	0.01	G472570	AA24
20-Apr-11	KBDD11107	KM11054603	KS-2	0.01	0.01	G472588	AA24
20-Apr-11	KBDD11107	KM11054603	KS-2	0.01	0.01	G472610	AA24
2-May-11	KBDD10075	KM10183774	KS-1	0.01	0.01	G374490	AA24
2-May-11	KBDD10075	KM10183774	KS-1	0.01	0.01	G374509	AA24
2-May-11	KBDD10075	KM10183774	KS-1	0.01	0.01	G374528	AA24
2-May-11	KBDD10075	KM10183774	KS-1	0.01	0.01	G374548	AA24
2-May-11	KBDD10077	KM10183774	KS-1	0.01	0.01	G374667	AA24
2-May-11	KBDD10078	KM10183774	KS-1	0.01	0.01	G374567	AA24
2-May-11	KBDD10078	KM10183774	KS-1	0.01	0.01	G374590	AA24
2-May-11	KBDD10078	KM10183774	KS-1	0.01	0.01	G374610	AA24
2-May-11	KBDD10078	KM10183774	KS-1	0.01	0.01	G374630	AA24
2-May-11	KBDD10078	KM10183774	KS-1	0.01	0.01	G374648	AA24

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9-May-11	KBDD11142	KM11129325	KS-4	0.01	0.01	G469325	AA24
9-May-11	KBDD11142	KM11129325	KS-4	0.01	0.01	G469346	AA24
9-May-11	KBDD11142	KM11129325	KS-4	0.01	0.02	G469368	AA24
9-May-11	KBDD11142	KM11129325	KS-4	0.01	0.01	G469389	AA24
9-May-11	KBDD11142	KM11129325	KS-4	0.01	0.01	G469410	AA24
10-May-11	KBDD11146	KM11148263	KS-4	0.01	0.01	G382807	AA24
10-May-11	KBDD11146	KM11148263	KS-4	0.01	0.01	G382828	AA24
10-May-11	KBDD11146	KM11148263	KS-4	0.01	0.01	G382850	AA24
10-May-11	KBDD11146	KM11148263	KS-4	0.01	0.01	G382871	AA24
10-May-11	KBDD11146	KM11148263	KS-4	0.01	0.01	G382893	AA24
10-May-11	KBDD11146	KM11148263	KS-4	0.01	0.01	G382914	AA24
10-May-11	KBDD11146	KM11148263	KS-4	0.01	0.01	G382935	AA24
10-May-11	KBDD11148	KM11162081	KS-4	0.01	0.01	G383323	AA24
10-May-11	KBDD11148	KM11162081	KS-4	0.01	0.01	G383344	AA24
10-May-11	KBDD11148	KM11162081	KS-4	0.01	0.01	G383366	AA24
10-May-11	KBDD11148	KM11162081	KS-4	0.01	0.17	G383387	AA24
10-May-11	KBDD11148	KM11162081	KS-4	0.01	0.01	G383409	AA24
10-May-11	KBDD11148	KM11162081	KS-4	0.01	0.01	G383430	AA24
10-May-11	KBDD11148	KM11162081	KS-4	0.01	0.01	G383452	AA24
10-May-11	KBDD11148	KM11162081	KS-4	0.01	0.01	G383473	AA24
10-May-11	KBDD11149	KM11162081	KS-4	0.01	0.01	G383926	AA24
10-May-11	KBDD11149	KM11162081	KS-4	0.01	0.01	G383946	AA24
10-May-11	KBDD11149	KM11162081	KS-4	0.01	0.01	G383968	AA24
10-May-11	KBDD11149	KM11162081	KS-4	0.01	0.01	G383989	AA24
10-May-11	KBDD11149	KM11162081	KS-4	0.01	0.01	G384011	AA24
13-May-11	KBDD10102	KM11012802	KS-2	0.01	0.01	G471469	AA24
13-May-11	KBDD10102	KM11012802	KS-2	0.01	0.01	G471489	AA24
13-May-11	KBDD10102	KM11012802	KS-2	0.01	0.01	G471508	AA24
13-May-11	KBDD10102	KM11012802	KS-2	0.01	0.01	G471529	AA24
13-May-11	KBDD10102	KM11012802	KS-2	0.01	0.01	G471549	AA24
13-May-11	KBDD10102	KM11012802	KS-2	0.01	0.01	G471568	AA24
13-May-11	KBDD10102	KM11012802	KS-2	0.01	0.01	G471588	AA24
13-May-11	KBDD10102	KM11012802	KS-2	0.01	0.01	G471607	AA24
13-May-11	KBDD11108	KM11054605	KS-2	0.01	0.02	G472830	AA24
13-May-11	KBDD11108	KM11054605	KS-2	0.01	0.01	G472848	AA24
13-May-11	KBDD11108	KM11054605	KS-2	0.01	0.01	G472868	AA24
13-May-11	KBDD11108	KM11054605	KS-2	0.01	0.01	G472890	AA24
13-May-11	KBDD11108	KM11054605	KS-2	0.01	0.01	G472907	AA24
13-May-11	KBDD11108	KM11054605	KS-2	0.01	0.01	G472930	AA24
13-May-11	KBDD11109	KM11054605	KS-2	0.01	0.01	G472947	AA24
13-May-11	KBDD11109	KM11054605	KS-2	0.01	0.01	G472970	AA24
13-May-11	KBDD11109	KM11054605	KS-2	0.01	0.01	G472987	AA24
13-May-11	KBDD11109	KM11054605	KS-2	0.01	0.01	G473008	AA24
20-May-11	KBDD11110	KM11054607	KS-2	0.01	0.01	G473231	AA24
20-May-11	KBDD11110	KM11054607	KS-2	0.01	0.01	G473249	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
20-May-11	KBDD11110	KM11054607	KS-2	0.01	0.01	G473269	AA24
20-May-11	KBDD11110	KM11054607	KS-2	0.01	0.01	G473288	AA24
20-May-11	KBDD11110	KM11054607	KS-2	0.01	0.01	G473309	AA24
20-May-11	KBDD11110	KM11054607	KS-2	0.01	0.01	G473330	AA24
20-May-11	KBDD11110	KM11054607	KS-2	0.01	0.01	G473350	AA24
20-May-11	KBDD11110	KM11054607	KS-2	0.01	0.01	G473369	AA24
20-May-11	KBDD11110	KM11054607	KS-2	0.01	0.01	G473387	AA24
20-May-11	KBDD11110	KM11054607	KS-2	0.01	0.01	G473407	AA24
21-May-11	KBDD11111	KM11054609	KS-2	0.01	0.05	G473629	AA24
21-May-11	KBDD11111	KM11054609	KS-2	0.01	0.01	G473647	AA24
21-May-11	KBDD11111	KM11054609	KS-2	0.01	0.01	G473670	AA24
21-May-11	KBDD11111	KM11054609	KS-2	0.01	0.01	G473688	AA24
21-May-11	KBDD11112	KM11054609	KS-2	0.01	0.20	G473710	AA24
21-May-11	KBDD11112	KM11054609	KS-2	0.01	0.01	G473732	AA24
21-May-11	KBDD11112	KM11054609	KS-2	0.01	0.01	G473748	AA24
21-May-11	KBDD11112	KM11054609	KS-2	0.01	0.01	G473768	AA24
21-May-11	KBDD11112	KM11054609	KS-2	0.01	0.01	G473789	AA24
21-May-11	KBDD11112	KM11054609	KS-2	0.01	0.01	G473807	AA24
21-May-11	KBDD11112	KM11054870	KS-2	0.01	0.01	G473829	AA24
21-May-11	KBDD11112	KM11054870	KS-2	0.01	0.01	G473850	AA24
21-May-11	KBDD11112	KM11054870	KS-2	0.01	0.01	G473870	AA24
21-May-11	KBDD11112	KM11054870	KS-2	0.01	0.01	G473888	AA24
21-May-11	KBDD11112	KM11054870	KS-2	0.01	0.01	G473909	AA24
21-May-11	KBDD11112	KM11054870	KS-2	0.01	0.01	G473928	AA24
21-May-11	KBDD11112	KM11054870	KS-2	0.01	0.01	G473947	AA24
23-May-11	KBDD11110	KM11054608	KS-2	0.01	0.01	G473426	AA24
23-May-11	KBDD11110	KM11054608	KS-2	0.01	0.01	G473446	AA24
23-May-11	KBDD11110	KM11054608	KS-2	0.01	0.01	G473467	AA24
23-May-11	KBDD11111	KM11054608	KS-2	0.01	0.01	G473487	AA24
23-May-11	KBDD11111	KM11054608	KS-2	0.01	0.01	G473509	AA24
23-May-11	KBDD11111	KM11054608	KS-2	0.01	0.01	G473529	AA24
23-May-11	KBDD11111	KM11054608	KS-2	0.01	0.01	G473547	AA24
23-May-11	KBDD11111	KM11054608	KS-2	0.01	0.01	G473569	AA24
23-May-11	KBDD11111	KM11054608	KS-2	0.01	0.02	G473588	AA24
23-May-11	KBDD11111	KM11054608	KS-2	0.01	0.01	G473608	AA24
23-May-11	KBDD11113	KM11054872	KS-2	0.01	0.01	G473971	AA24
23-May-11	KBDD11113	KM11054872	KS-2	0.01	0.01	G473988	AA24
23-May-11	KBDD11113	KM11054872	KS-2	0.01	0.01	G474008	AA24
23-May-11	KBDD11113	KM11054872	KS-2	0.01	0.01	G474030	AA24
23-May-11	KBDD11113	KM11054872	KS-2	0.01	0.01	G474048	AA24
23-May-11	KBDD11113	KM11054872	KS-2	0.01	0.01	G474072	AA24
23-May-11	KBDD11113	KM11054872	KS-2	0.01	0.01	G474089	AA24
23-May-11	KBDD11113	KM11054872	KS-2	0.01	0.01	G474107	AA24
23-May-11	KBDD11113	KM11054872	KS-2	0.01	0.01	G474128	AA24
23-May-11	KBDD11113	KM11054872	KS-2	0.01	0.01	G474147	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
23-May-11	KBDD11113	KM11054873	KS-2	0.01	0.01	G474169	AA24
23-May-11	KBDD11114	KM11054873	KS-2	0.01	0.01	G474189	AA24
23-May-11	KBDD11114	KM11054873	KS-2	0.01	0.01	G474206	AA24
23-May-11	KBDD11114	KM11054873	KS-2	0.01	0.01	G474229	AA24
23-May-11	KBDD11114	KM11054873	KS-2	0.01	0.01	G474248	AA24
23-May-11	KBDD11114	KM11054873	KS-2	0.01	0.01	G474270	AA24
23-May-11	KBDD11115	KM11054873	KS-2	0.01	0.01	G474347	AA24
23-May-11	KBDD11116	KM11054873	KS-2	0.01	0.05	G474287	AA24
23-May-11	KBDD11116	KM11054873	KS-2	0.01	0.01	G474309	AA24
23-May-11	KBDD11116	KM11054873	KS-2	0.01	0.01	G474330	AA24
24-May-11	KBDD11109	KM11054606	KS-2	0.01	0.01	G473030	AA24
24-May-11	KBDD11109	KM11054606	KS-2	0.01	0.01	G473048	AA24
24-May-11	KBDD11109	KM11054606	KS-2	0.01	0.01	G473067	AA24
24-May-11	KBDD11109	KM11054606	KS-2	0.01	0.01	G473088	AA24
24-May-11	KBDD11109	KM11054606	KS-2	0.01	0.01	G473111	AA24
24-May-11	KBDD11109	KM11054606	KS-2	0.01	0.01	G473129	AA24
24-May-11	KBDD11109	KM11054606	KS-2	0.01	0.01	G473147	AA24
24-May-11	KBDD11109	KM11054606	KS-2	0.01	0.01	G473171	AA24
24-May-11	KBDD11110	KM11054606	KS-2	0.01	0.01	G473189	AA24
24-May-11	KBDD11110	KM11054606	KS-2	0.01	0.01	G473210	AA24
26-May-11	KBDD11115	KM11054874	KS-2	0.01	0.01	G474368	AA24
26-May-11	KBDD11115	KM11054874	KS-2	0.01	0.01	G474388	AA24
26-May-11	KBDD11115	KM11054874	KS-2	0.01	0.01	G474409	AA24
26-May-11	KBDD11115	KM11054874	KS-2	0.01	0.01	G474430	AA24
26-May-11	KBDD11115	KM11054874	KS-2	0.01	0.01	G474447	AA24
26-May-11	KBDD11115	KM11054874	KS-2	0.01	0.01	G474466	AA24
26-May-11	KBDD11115	KM11054874	KS-2	0.01	0.01	G474487	AA24
26-May-11	KBDD11115	KM11054874	KS-2	0.01	0.01	G474510	AA24
26-May-11	KBDD11115	KM11054874	KS-2	0.01	0.01	G474527	AA24
26-May-11	KBDD11115	KM11054874	KS-2	0.01	0.01	G474546	AA24
26-May-11	KBDD11115	KM11054874	KS-2	0.01	0.01	G474569	AA24
26-May-11	KBDD11115	KM11054874	KS-2	0.01	0.01	G474588	AA24
8-Jun-11	KBDD11139	KM11111547	KS-3	0.01	0.01	G467908	AA24
8-Jun-11	KBDD11139	KM11111547	KS-3	0.01	0.01	G467927	AA24
8-Jun-11	KBDD11139	KM11111547	KS-3	0.01	0.01	G467949	AA24
8-Jun-11	KBDD11139	KM11111547	KS-3	0.01	0.01	G467970	AA24
8-Jun-11	KBDD11139	KM11111547	KS-3	0.01	0.01	G467987	AA24
8-Jun-11	KBDD11139	KM11111547	KS-3	0.01	0.01	G468070	AA24
8-Jun-11	KBDD11139	KM11111547	KS-3	0.01	0.01	G468088	AA24
8-Jun-11	KBDD11140	KM11111547	KS-3	0.01	0.01	G468108	AA24
8-Jun-11	KBDD11140	KM11111547	KS-3	0.01	0.01	G468129	AA24
9-Jun-11	KBDD11140	KM11111549	KS-3	0.01	0.01	G468347	AA24
9-Jun-11	KBDD11140	KM11111549	KS-3	0.01	0.01	G468367	AA24
9-Jun-11	KBDD11140	KM11111549	KS-3	0.01	0.01	G468387	AA24
9-Jun-11	KBDD11140	KM11111549	KS-3	0.01	0.01	G468407	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
9-Jun-11	KBDD11140	KM11111549	KS-3	0.01	0.01	G468429	AA24
9-Jun-11	KBDD11140	KM11111549	KS-3	0.01	0.01	G468448	AA24
9-Jun-11	KBDD11140	KM11111549	KS-3	0.01	0.01	G468470	AA24
9-Jun-11	KBDD11140	KM11111549	KS-3	0.01	0.01	G468489	AA24
9-Jun-11	KBDD11140	KM11111549	KS-3	0.01	0.01	G468506	AA24
9-Jun-11	KBDD11142	KM11129324	KS-4	0.01	0.01	G469131	AA24
9-Jun-11	KBDD11142	KM11129324	KS-4	0.01	0.01	G469153	AA24
9-Jun-11	KBDD11142	KM11129324	KS-4	0.01	0.01	G469174	AA24
9-Jun-11	KBDD11142	KM11129324	KS-4	0.01	0.01	G469196	AA24
9-Jun-11	KBDD11142	KM11129324	KS-4	0.01	0.01	G469217	AA24
9-Jun-11	KBDD11142	KM11129324	KS-4	0.01	0.01	G469238	AA24
9-Jun-11	KBDD11142	KM11129324	KS-4	0.01	0.01	G469259	AA24
9-Jun-11	KBDD11142	KM11129324	KS-4	0.01	0.01	G469282	AA24
9-Jun-11	KBDD11142	KM11129324	KS-4	0.01	0.01	G469303	AA24
20-Jun-11	KBDD11137	KM11099603	KS-3	0.01	0.01	G467268	AA24
20-Jun-11	KBDD11137	KM11099603	KS-3	0.01	0.01	G467287	AA24
20-Jun-11	KBDD11137	KM11099603	KS-3	0.01	0.01	G467307	AA24
20-Jun-11	KBDD11137	KM11099603	KS-3	0.01	0.01	G467330	AA24
20-Jun-11	KBDD11137	KM11099603	KS-3	0.01	0.01	G467347	AA24
20-Jun-11	KBDD11137	KM11099603	KS-3	0.01	0.01	G467370	AA24
20-Jun-11	KBDD11137	KM11099603	KS-3	0.01	0.01	G467388	AA24
20-Jun-11	KBDD11138	KM11099603	KS-3	0.01	0.01	G467409	AA24
20-Jun-11	KBDD11138	KM11099603	KS-3	0.01	0.01	G467430	AA24
20-Jun-11	KBDD11138	KM11099603	KS-3	0.01	0.01	G467448	AA24
9-Jul-11	KBDD11141	KM11129322	KS-3	0.01	0.01	G468729	AA24
9-Jul-11	KBDD11141	KM11129322	KS-3	0.01	0.01	G468748	AA24
9-Jul-11	KBDD11141	KM11129322	KS-3	0.01	0.01	G468767	AA24
9-Jul-11	KBDD11141	KM11129322	KS-3	0.01	0.01	G468788	AA24
9-Jul-11	KBDD11141	KM11129322	KS-3	0.01	0.02	G468807	AA24
9-Jul-11	KBDD11141	KM11129322	KS-3	0.01	0.01	G468830	AA24
9-Jul-11	KBDD11141	KM11129322	KS-3	0.01	0.01	G468848	AA24
9-Jul-11	KBDD11141	KM11129322	KS-3	0.01	0.01	G468870	AA24
9-Jul-11	KBDD11141	KM11129322	KS-3	0.01	0.02	G468888	AA24
9-Jul-11	KBDD11141	KM11129322	KS-3	0.01	0.01	G468906	AA24
9-Jul-11	KBDD11142	KM11129323	KS-4	0.01	0.02	G468932	AA24
9-Jul-11	KBDD11142	KM11129323	KS-4	0.01	0.01	G468954	AA24
9-Jul-11	KBDD11142	KM11129323	KS-4	0.01	0.01	G468978	AA24
9-Jul-11	KBDD11142	KM11129323	KS-4	0.01	0.01	G469000	AA24
9-Jul-11	KBDD11142	KM11129323	KS-4	0.01	0.02	G469023	AA24
9-Jul-11	KBDD11142	KM11129323	KS-4	0.01	0.01	G469045	AA24
9-Jul-11	KBDD11142	KM11129323	KS-4	0.01	0.02	G469066	AA24
9-Jul-11	KBDD11142	KM11129323	KS-4	0.01	0.01	G469087	AA24
9-Jul-11	KBDD11142	KM11129323	KS-4	0.01	0.01	G469109	AA24
10-Jul-11	KBDD11147	KM11162083	KS-4	0.01	0.01	G382957	AA24
10-Jul-11	KBDD11147	KM11162083	KS-4	0.01	0.01	G382979	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
10-Jul-11	KBDD11147	KM11162083	KS-4	0.01	0.01	G383000	AA24
10-Jul-11	KBDD11147	KM11162083	KS-4	0.01	0.01	G383022	AA24
10-Jul-11	KBDD11147	KM11162083	KS-4	0.01	0.01	G383043	AA24
10-Jul-11	KBDD11147	KM11162083	KS-4	0.01	0.01	G383065	AA24
10-Jul-11	KBDD11147	KM11162083	KS-4	0.01	0.01	G383086	AA24
10-Jul-11	KBDD11147	KM11162083	KS-4	0.01	0.01	G383108	AA24
10-Jul-11	KBDD11147	KM11162083	KS-4	0.01	0.01	G383129	AA24
10-Jul-11	KBDD11147	KM11162084	KS-4	0.01	0.01	G383151	AA24
10-Jul-11	KBDD11147	KM11162084	KS-4	0.01	0.01	G383172	AA24
10-Jul-11	KBDD11147	KM11162084	KS-4	0.01	0.02	G383194	AA24
10-Jul-11	KBDD11147	KM11162084	KS-4	0.01	0.01	G383215	AA24
10-Jul-11	KBDD11147	KM11162084	KS-4	0.01	0.01	G383237	AA24
10-Jul-11	KBDD11147	KM11162084	KS-4	0.01	0.01	G383258	AA24
10-Jul-11	KBDD11147	KM11162084	KS-4	0.01	0.01	G383280	AA24
10-Jul-11	KBDD11147	KM11162084	KS-4	0.01	0.01	G383301	AA24
10-Jul-11	KBDD11148	KM11162084	KS-4	0.01	0.01	G383495	AA24
10-Jul-11	KBDD11148	KM11162085	KS-4	0.01	0.01	G383516	AA24
10-Jul-11	KBDD11148	KM11162085	KS-4	0.01	0.05	G383538	AA24
10-Jul-11	KBDD11148	KM11162085	KS-4	0.01	0.01	G383559	AA24
10-Jul-11	KBDD11148	KM11162085	KS-4	0.01	0.01	G383581	AA24
10-Jul-11	KBDD11148	KM11162085	KS-4	0.01	0.01	G383602	AA24
10-Jul-11	KBDD11148	KM11162085	KS-4	0.01	0.01	G383624	AA24
10-Jul-11	KBDD11148	KM11162085	KS-4	0.01	0.01	G383645	AA24
10-Jul-11	KBDD11148	KM11162085	KS-4	0.01	0.03	G383667	AA24
10-Jul-11	KBDD11148	KM11162085	KS-4	0.01	0.01	G383688	AA24
10-Jul-11	KBDD11148	KM11162085	KS-4	0.01	0.01	G383710	AA24
10-Jul-11	KBDD11150	KM11168640	KS-4	0.01	0.01	G384032	AA24
10-Jul-11	KBDD11150	KM11168640	KS-4	0.01	0.01	G384054	AA24
10-Jul-11	KBDD11150	KM11168640	KS-4	0.01	0.01	G384075	AA24
10-Jul-11	KBDD11150	KM11168640	KS-4	0.01	0.01	G384097	AA24
10-Jul-11	KBDD11150	KM11168640	KS-4	0.01	0.01	G384118	AA24
10-Jul-11	KBDD11150	KM11168640	KS-4	0.01	0.01	G384140	AA24
10-Jul-11	KBDD11150	KM11168640	KS-4	0.01	0.01	G384161	AA24
10-Jul-11	KBDD11150	KM11168640	KS-4	0.01	0.01	G384183	AA24
10-Jul-11	KBDD11150	KM11168640	KS-4	0.01	0.01	G384205	AA24
10-Jul-11	KBDD11151	KM11168640	KS-4	0.01	0.01	G384227	AA24
10-Jul-11	KBDD11151	KM11168640	KS-4	0.01	0.01	G384248	AA24
20-Jul-11	KBDD10069	KM11003080	KS-1	0.01	0.05	G370109	AA24
20-Jul-11	KBDD10070	KM11003080	KS-1	0.01	0.04	G370215	AA24
20-Jul-11	KBDD10085	KM11003080	KS-1	0.01	0.30	G371153	AA24
20-Jul-11	KBDD10085	KM11003080	KS-1	0.01	0.03	G371207	AA24
20-Jul-11	KBDD10086	KM11003080	KS-1	0.01	0.04	G371427	AA24
22-Jul-11	KBDD11117	KM11060287	KS-2	0.01	0.01	G474609	AA24
22-Jul-11	KBDD11117	KM11060287	KS-2	0.01	0.01	G474628	AA24
22-Jul-11	KBDD11117	KM11060287	KS-2	0.01	0.01	G474646	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
22-Jul-11	KBDD11117	KM11060287	KS-2	0.01	0.01	G474669	AA24
22-Jul-11	KBDD11117	KM11060287	KS-2	0.01	0.01	G474690	AA24
22-Jul-11	KBDD11117	KM11060287	KS-2	0.01	0.03	G474706	AA24
22-Jul-11	KBDD11117	KM11060287	KS-2	0.01	0.01	G474729	AA24
22-Jul-11	KBDD11117	KM11060287	KS-2	0.01	0.01	G474747	AA24
22-Jul-11	KBDD11117	KM11060287	KS-2	0.01	0.01	G474769	AA24
22-Jul-11	KBDD11117	KM11060287	KS-2	0.01	0.01	G474788	AA24
22-Jul-11	KBDD11117	KM11060287	KS-2	0.01	0.01	G474805	AA24
22-Jul-11	KBDD11121	KM11060282	KS-2	0.01	0.01	G475387	AA24
22-Jul-11	KBDD11121	KM11060282	KS-2	0.01	0.01	G475410	AA24
22-Jul-11	KBDD11121	KM11060282	KS-2	0.01	0.01	G475429	AA24
22-Jul-11	KBDD11121	KM11060282	KS-2	0.01	0.02	G475448	AA24
22-Jul-11	KBDD11121	KM11060282	KS-2	0.01	0.01	G475470	AA24
22-Jul-11	KBDD11121	KM11060282	KS-2	0.01	0.01	G475489	AA24
22-Jul-11	KBDD11121	KM11060282	KS-2	0.01	0.01	G475509	AA24
22-Jul-11	KBDD11121	KM11060282	KS-2	0.01	0.01	G475529	AA24
22-Jul-11	KBDD11121	KM11060282	KS-2	0.01	0.01	G475549	AA24
22-Jul-11	KBDD11121	KM11060282	KS-2	0.01	0.01	G475570	AA24
22-Jul-11	KBDD11123	KM11060284	KS-2	0.01	0.01	G475788	AA24
22-Jul-11	KBDD11123	KM11060284	KS-2	0.01	0.01	G475807	AA24
22-Jul-11	KBDD11123	KM11060284	KS-2	0.01	0.01	G475828	AA24
22-Jul-11	KBDD11123	KM11060284	KS-2	0.01	0.01	G475849	AA24
22-Jul-11	KBDD11123	KM11060284	KS-2	0.01	0.01	G475869	AA24
22-Jul-11	KBDD11123	KM11060284	KS-2	0.01	0.01	G475888	AA24
22-Jul-11	KBDD11123	KM11060284	KS-2	0.01	0.01	G475910	AA24
22-Jul-11	KBDD11123	KM11060284	KS-2	0.01	0.01	G475928	AA24
22-Jul-11	KBDD11123	KM11060284	KS-2	0.01	0.01	G475947	AA24
22-Jul-11	KBDD11124	KM11060284	KS-2	0.01	0.01	G475969	AA24
22-Jul-11	KBDD11124	KM11060285	KS-2	0.01	0.01	G475988	AA24
22-Jul-11	KBDD11124	KM11060285	KS-3	0.01	0.01	G476010	AA24
22-Jul-11	KBDD11124	KM11060285	KS-3	0.01	0.01	G476029	AA24
22-Jul-11	KBDD11124	KM11060285	KS-3	0.01	0.01	G476047	AA24
22-Jul-11	KBDD11124	KM11060285	KS-3	0.01	0.01	G476067	AA24
22-Jul-11	KBDD11124	KM11060285	KS-3	0.01	0.01	G476087	AA24
22-Jul-11	KBDD11124	KM11060285	KS-3	0.01	0.01	G476108	AA24
22-Jul-11	KBDD11124	KM11060285	KS-3	0.01	0.01	G476129	AA24
22-Jul-11	KBDD11124	KM11060285	KS-3	0.01	0.01	G476149	AA24
22-Jul-11	KBDD11124	KM11060285	KS-3	0.01	0.01	G476158	AA24
22-Jul-11	KBDD11124	KM11060285	KS-3	0.01	0.02	G476180	AA24
22-Jul-11	KBDD11125	KM11061582	KS-3	0.01	0.01	G476400	AA24
22-Jul-11	KBDD11126	KM11061582	KS-3	0.01	0.01	G476420	AA24
22-Jul-11	KBDD11126	KM11061582	KS-3	0.01	0.01	G476439	AA24
22-Jul-11	KBDD11126	KM11061582	KS-3	0.01	0.01	G476460	AA24
22-Jul-11	KBDD11126	KM11061582	KS-3	0.01	0.01	G476480	AA24
22-Jul-11	KBDD11126	KM11061582	KS-3	0.01	0.01	G476496	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
22-Jul-11	KBDD11126	KM11061582	KS-3	0.01	0.01	G476519	AA24
22-Jul-11	KBDD11126	KM11061582	KS-3	0.01	0.01	G476540	AA24
22-Jul-11	KBDD11126	KM11061582	KS-3	0.01	0.01	G476558	AA24
22-Jul-11	KBDD11126	KM11061582	KS-3	0.01	0.01	G476579	AA24
23-Jul-11	KBDD11118	KM11060289	KS-2	0.01	0.01	G475008	AA24
23-Jul-11	KBDD11119	KM11060289	KS-2	0.01	0.01	G475028	AA24
23-Jul-11	KBDD11119	KM11060289	KS-2	0.01	0.01	G475047	AA24
23-Jul-11	KBDD11119	KM11060289	KS-2	0.01	0.01	G475069	AA24
23-Jul-11	KBDD11119	KM11060289	KS-2	0.01	0.01	G475087	AA24
23-Jul-11	KBDD11119	KM11060289	KS-2	0.01	0.01	G475106	AA24
23-Jul-11	KBDD11119	KM11060289	KS-2	0.01	0.01	G475130	AA24
23-Jul-11	KBDD11119	KM11060289	KS-2	0.01	0.01	G475149	AA24
23-Jul-11	KBDD11119	KM11060289	KS-2	0.01	0.02	G475168	AA24
23-Jul-11	KBDD11119	KM11060289	KS-2	0.01	0.01	G475189	AA24
23-Jul-11	KBDD11125	KM11061581	KS-3	0.01	0.01	G476200	AA24
23-Jul-11	KBDD11125	KM11061581	KS-3	0.01	0.01	G476217	AA24
23-Jul-11	KBDD11125	KM11061581	KS-3	0.01	0.01	G476240	AA24
23-Jul-11	KBDD11125	KM11061581	KS-3	0.01	0.01	G476260	AA24
23-Jul-11	KBDD11125	KM11061581	KS-3	0.01	0.03	G476279	AA24
23-Jul-11	KBDD11125	KM11061581	KS-3	0.01	0.02	G476288	AA24
23-Jul-11	KBDD11125	KM11061581	KS-3	0.01	0.01	G476298	AA24
23-Jul-11	KBDD11125	KM11061581	KS-3	0.01	0.01	G476320	AA24
23-Jul-11	KBDD11125	KM11061581	KS-3	0.01	0.01	G476340	AA24
23-Jul-11	KBDD11125	KM11061581	KS-3	0.01	0.01	G476359	AA24
23-Jul-11	KBDD11125	KM11061581	KS-3	0.01	0.01	G476380	AA24
24-Jul-11	KBDD11144	KM11138246	KS-4	0.01	0.01	G382077	AA24
24-Jul-11	KBDD11144	KM11138246	KS-4	0.01	0.01	G382099	AA24
24-Jul-11	KBDD11144	KM11138246	KS-4	0.01	0.01	G382121	AA24
24-Jul-11	KBDD11144	KM11138246	KS-4	0.01	0.01	G382143	AA24
24-Jul-11	KBDD11144	KM11138246	KS-4	0.01	0.01	G382163	AA24
24-Jul-11	KBDD11144	KM11138246	KS-4	0.01	0.01	G382184	AA24
24-Jul-11	KBDD11144	KM11138246	KS-4	0.01	0.01	G469647	AA24
24-Jul-11	KBDD11144	KM11138246	KS-4	0.01	0.01	G469668	AA24
24-Jul-11	KBDD11144	KM11138246	KS-4	0.01	0.01	G469689	AA24
24-Jul-11	KBDD11144	KM11138246	KS-4	0.01	0.01	G469711	AA24
24-Jul-11	KBDD11144	KM11138246	KS-4	0.01	0.01	G469732	AA24
29-Jul-11	KBDD11127	KM11061584	KS-3	0.01	0.01	G476799	AA24
29-Jul-11	KBDD11127	KM11061584	KS-3	0.01	0.01	G476820	AA24
29-Jul-11	KBDD11127	KM11061584	KS-3	0.01	0.01	G476839	AA24
29-Jul-11	KBDD11127	KM11061584	KS-3	0.01	0.01	G476860	AA24
29-Jul-11	KBDD11127	KM11061584	KS-3	0.01	0.01	G476879	AA24
29-Jul-11	KBDD11127	KM11061584	KS-3	0.01	0.01	G476900	AA24
29-Jul-11	KBDD11127	KM11061584	KS-3	0.01	0.01	G476919	AA24
29-Jul-11	KBDD11128	KM11061584	KS-3	0.01	0.01	G476939	AA24
29-Jul-11	KBDD11128	KM11061584	KS-3	0.01	0.01	G476958	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
29-Jul-11	KBDD11128	KM11061585	KS-3	0.01	0.01	G477000	AA24
29-Jul-11	KBDD11128	KM11061585	KS-3	0.01	0.01	G477017	AA24
29-Jul-11	KBDD11128	KM11061585	KS-3	0.01	0.03	G477039	AA24
29-Jul-11	KBDD11128	KM11061585	KS-3	0.01	0.01	G477058	AA24
29-Jul-11	KBDD11128	KM11061585	KS-3	0.01	0.01	G477080	AA24
29-Jul-11	KBDD11128	KM11061585	KS-3	0.01	0.01	G477098	AA24
29-Jul-11	KBDD11128	KM11061585	KS-3	0.01	0.01	G477119	AA24
29-Jul-11	KBDD11128	KM11061585	KS-3	0.01	0.01	G477139	AA24
29-Jul-11	KBDD11128	KM11061585	KS-3	0.01	0.01	G477160	AA24
29-Jul-11	KBDD11136	KM11099601	KS-3	0.01	0.01	G466870	AA24
29-Jul-11	KBDD11136	KM11099601	KS-3	0.01	0.01	G466888	AA24
29-Jul-11	KBDD11136	KM11099601	KS-3	0.01	0.01	G466907	AA24
29-Jul-11	KBDD11136	KM11099601	KS-3	0.01	0.01	G466928	AA24
29-Jul-11	KBDD11136	KM11099601	KS-3	0.01	0.01	G466948	AA24
29-Jul-11	KBDD11136	KM11099601	KS-3	0.01	0.01	G466968	AA24
29-Jul-11	KBDD11136	KM11099601	KS-3	0.01	0.01	G466990	AA24
29-Jul-11	KBDD11136	KM11099601	KS-3	0.01	0.01	G467009	AA24
29-Jul-11	KBDD11136	KM11099601	KS-3	0.01	0.01	G467030	AA24
29-Jul-11	KBDD11136	KM11099601	KS-3	0.01	0.01	G467048	AA24
29-Jul-11	KBDD11136	KM11099602	KS-3	0.01	0.01	G467070	AA24
29-Jul-11	KBDD11136	KM11099602	KS-3	0.01	0.01	G467087	AA24
29-Jul-11	KBDD11136	KM11099602	KS-3	0.01	0.01	G467110	AA24
29-Jul-11	KBDD11137	KM11099602	KS-3	0.01	0.01	G467129	AA24
29-Jul-11	KBDD11137	KM11099602	KS-3	0.01	0.01	G467148	AA24
29-Jul-11	KBDD11137	KM11099602	KS-3	0.01	0.01	G467170	AA24
29-Jul-11	KBDD11137	KM11099602	KS-3	0.01	0.01	G467189	AA24
29-Jul-11	KBDD11137	KM11099602	KS-3	0.01	0.01	G467209	AA24
29-Jul-11	KBDD11137	KM11099602	KS-3	0.01	0.01	G467230	AA24
29-Jul-11	KBDD11137	KM11099602	KS-3	0.01	0.02	G467249	AA24
29-Jul-11	KBDD11138	KM11099604	KS-3	0.01	0.01	G467470	AA24
29-Jul-11	KBDD11138	KM11099604	KS-3	0.01	0.01	G467489	AA24
29-Jul-11	KBDD11138	KM11099604	KS-3	0.01	0.01	G467508	AA24
29-Jul-11	KBDD11138	KM11099604	KS-3	0.01	0.03	G467530	AA24
29-Jul-11	KBDD11138	KM11099604	KS-3	0.01	0.01	G467547	AA24
29-Jul-11	KBDD11138	KM11099604	KS-3	0.01	0.01	G467569	AA24
29-Jul-11	KBDD11138	KM11099604	KS-3	0.01	0.01	G467586	AA24
29-Jul-11	KBDD11138	KM11099604	KS-3	0.01	0.01	G467608	AA24
29-Jul-11	KBDD11138	KM11099604	KS-3	0.01	0.02	G467629	AA24
29-Jul-11	KBDD11138	KM11099604	KS-3	0.01	0.01	G467646	AA24
29-Jul-11	KBDD11138	KM11099604	KS-3	0.01	0.01	G467670	AA24
29-Jul-11	KBDD11138	KM11099604	KS-3	0.01	0.01	G467688	AA24
30-Jul-11	KBDD11139	KM11111546	KS-3	0.01	0.01	G467707	AA24
30-Jul-11	KBDD11139	KM11111546	KS-3	0.01	0.01	G467727	AA24
30-Jul-11	KBDD11139	KM11111546	KS-3	0.01	0.01	G467749	AA24
30-Jul-11	KBDD11139	KM11111546	KS-3	0.01	0.03	G467767	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
30-Jul-11	KBDD11139	KM11111546	KS-3	0.01	0.01	G467788	AA24
30-Jul-11	KBDD11139	KM11111546	KS-3	0.01	0.01	G467808	AA24
30-Jul-11	KBDD11139	KM11111546	KS-3	0.01	0.01	G467830	AA24
30-Jul-11	KBDD11139	KM11111546	KS-3	0.01	0.01	G467847	AA24
30-Jul-11	KBDD11139	KM11111546	KS-3	0.01	0.01	G467869	AA24
30-Jul-11	KBDD11139	KM11111546	KS-3	0.01	0.01	G467888	AA24
11-Aug-11	KBDD11151	KM11168641	KS-4	0.01	0.02	G384270	AA24
11-Aug-11	KBDD11151	KM11168641	KS-4	0.01	0.01	G384291	AA24
11-Aug-11	KBDD11151	KM11168641	KS-4	0.01	0.02	G384334	AA24
11-Aug-11	KBDD11151	KM11168641	KS-4	0.01	0.01	G384356	AA24
11-Aug-11	KBDD11151	KM11168641	KS-4	0.01	0.01	G384377	AA24
11-Aug-11	KBDD11152	KM11168641	KS-4	0.01	0.01	G384405	AA24
11-Aug-11	KBDD11152	KM11168641	KS-4	0.01	0.01	G384420	AA24
11-Aug-11	KBDD11152	KM11168641	KS-4	0.01	0.01	G384441	AA24
11-Aug-11	KBDD11152	KM11168641	KS-4	0.01	0.04	G384463	AA24
11-Aug-11	KBDD11152	KM11168641	KS-4	0.01	0.01	G384484	AA24
11-Aug-11	KBDD11152	KM11168641	KS-4	0.01	0.01	G384506	AA24
11-Aug-11	KBDD11163	KM11191728	KS-4	0.01	0.01	G483161	AA24
11-Aug-11	KBDD11163	KM11191728	KS-4	0.01	0.01	G483183	AA24
11-Aug-11	KBDD11163	KM11191728	KS-4	0.01	0.01	G483204	AA24
11-Aug-11	KBDD11163	KM11191728	KS-4	0.01	0.01	G483226	AA24
11-Aug-11	KBDD11163	KM11191728	KS-4	0.01	0.01	G483247	AA24
13-Aug-11	KBDD11133	KM11094263	KS-3	0.01	0.01	G466007	AA24
13-Aug-11	KBDD11134	KM11094263	KS-3	0.01	0.01	G466029	AA24
13-Aug-11	KBDD11134	KM11094263	KS-3	0.01	0.01	G466047	AA24
13-Aug-11	KBDD11134	KM11094263	KS-3	0.01	0.01	G466069	AA24
13-Aug-11	KBDD11134	KM11094263	KS-3	0.01	0.01	G466089	AA24
13-Aug-11	KBDD11134	KM11094263	KS-3	0.01	0.01	G466107	AA24
13-Aug-11	KBDD11134	KM11094263	KS-3	0.01	0.03	G466129	AA24
13-Aug-11	KBDD11134	KM11094263	KS-3	0.01	0.01	G466148	AA24
13-Aug-11	KBDD11134	KM11094263	KS-3	0.01	0.01	G466169	AA24
13-Aug-11	KBDD11134	KM11094263	KS-3	0.01	0.01	G466189	AA24
13-Aug-11	KBDD11140	KM11111548	KS-3	0.01	0.01	G468147	AA24
13-Aug-11	KBDD11140	KM11111548	KS-3	0.01	0.01	G468170	AA24
13-Aug-11	KBDD11140	KM11111548	KS-3	0.01	0.01	G468188	AA24
13-Aug-11	KBDD11140	KM11111548	KS-3	0.01	0.01	G468207	AA24
13-Aug-11	KBDD11140	KM11111548	KS-3	0.01	0.01	G468228	AA24
13-Aug-11	KBDD11140	KM11111548	KS-3	0.01	0.01	G468248	AA24
13-Aug-11	KBDD11140	KM11111548	KS-3	0.01	0.01	G468270	AA24
13-Aug-11	KBDD11140	KM11111548	KS-3	0.01	0.01	G468288	AA24
13-Aug-11	KBDD11140	KM11111548	KS-3	0.01	0.01	G468306	AA24
13-Aug-11	KBDD11140	KM11111548	KS-3	0.01	0.01	G468328	AA24
21-Aug-11	KBDD11134	KM11094264	KS-3	0.01	0.01	G466208	AA24
21-Aug-11	KBDD11134	KM11094264	KS-3	0.01	0.01	G466229	AA24
21-Aug-11	KBDD11134	KM11094264	KS-3	0.01	0.01	G466248	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
21-Aug-11	KBDD11134	KM11094264	KS-3	0.01	0.01	G466270	AA24
21-Aug-11	KBDD11134	KM11094264	KS-3	0.01	0.01	G466289	AA24
21-Aug-11	KBDD11134	KM11094264	KS-3	0.01	0.01	G466307	AA24
21-Aug-11	KBDD11134	KM11094264	KS-3	0.01	0.01	G466329	AA24
21-Aug-11	KBDD11134	KM11094264	KS-3	0.01	0.01	G466347	AA24
21-Aug-11	KBDD11134	KM11094264	KS-3	0.01	0.01	G466366	AA24
21-Aug-11	KBDD11134	KM11094264	KS-3	0.01	0.01	G466388	AA24
22-Aug-11	KBDD11126	KM11061583	KS-3	0.01	0.01	G476600	AA24
22-Aug-11	KBDD11126	KM11061583	KS-3	0.01	0.01	G476618	AA24
22-Aug-11	KBDD11127	KM11061583	KS-3	0.01	0.01	G476640	AA24
22-Aug-11	KBDD11127	KM11061583	KS-3	0.01	0.01	G476657	AA24
22-Aug-11	KBDD11127	KM11061583	KS-3	0.01	0.01	G476678	AA24
22-Aug-11	KBDD11127	KM11061583	KS-3	0.01	0.01	G476697	AA24
22-Aug-11	KBDD11127	KM11061583	KS-3	0.01	0.01	G476717	AA24
22-Aug-11	KBDD11127	KM11061583	KS-3	0.01	0.01	G476738	AA24
22-Aug-11	KBDD11127	KM11061583	KS-3	0.01	0.01	G476760	AA24
22-Aug-11	KBDD11127	KM11061583	KS-3	0.01	0.01	G476779	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.01	G466606	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.01	G466630	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.01	G466648	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.01	G466669	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.01	G466687	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.01	G466707	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.01	G466729	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.01	G466747	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.19	G466770	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.01	G466788	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.01	G466808	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.01	G466829	AA24
25-Aug-11	KBDD11135	KM11094266	KS-3	0.01	0.01	G466847	AA24
29-Aug-11	KBDD11118	KM11060288	KS-2	0.01	0.01	G474829	AA24
29-Aug-11	KBDD11118	KM11060288	KS-2	0.01	0.01	G474847	AA24
29-Aug-11	KBDD11118	KM11060288	KS-2	0.01	0.01	G474866	AA24
29-Aug-11	KBDD11118	KM11060288	KS-2	0.01	0.01	G474887	AA24
29-Aug-11	KBDD11118	KM11060288	KS-2	0.01	0.01	G474906	AA24
29-Aug-11	KBDD11118	KM11060288	KS-2	0.01	0.01	G474930	AA24
29-Aug-11	KBDD11118	KM11060288	KS-2	0.01	0.01	G474948	AA24
29-Aug-11	KBDD11118	KM11060288	KS-2	0.01	0.01	G474969	AA24
29-Aug-11	KBDD11118	KM11060288	KS-2	0.01	0.01	G474988	AA24
29-Aug-11	KBDD11122	KM11060283	KS-2	0.01	0.01	G475588	AA24
29-Aug-11	KBDD11122	KM11060283	KS-2	0.01	0.01	G475607	AA24
29-Aug-11	KBDD11122	KM11060283	KS-2	0.01	0.01	G475629	AA24
29-Aug-11	KBDD11122	KM11060283	KS-2	0.01	0.01	G475649	AA24
29-Aug-11	KBDD11122	KM11060283	KS-2	0.01	0.01	G475670	AA24
29-Aug-11	KBDD11122	KM11060283	KS-2	0.01	0.01	G475688	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
29-Aug-11	KBDD11122	KM11060283	KS-2	0.01	0.01	G475709	AA24
29-Aug-11	KBDD11122	KM11060283	KS-2	0.01	0.03	G475730	AA24
29-Aug-11	KBDD11122	KM11060283	KS-2	0.01	0.01	G475748	AA24
29-Aug-11	KBDD11123	KM11060283	KS-2	0.01	0.01	G475770	AA24
29-Aug-11	KBDD11133	KM11094262	KS-3	0.01	0.01	G478707	AA24
29-Aug-11	KBDD11133	KM11094262	KS-3	0.01	0.01	G478730	AA24
29-Aug-11	KBDD11133	KM11094262	KS-3	0.01	0.01	G478748	AA24
29-Aug-11	KBDD11133	KM11094262	KS-3	0.01	0.01	G478770	AA24
29-Aug-11	KBDD11133	KM11094262	KS-3	0.01	0.01	G478788	AA24
29-Aug-11	KBDD11133	KM11094262	KS-3	0.01	0.01	G478808	AA24
29-Aug-11	KBDD11133	KM11094262	KS-3	0.01	0.01	G478829	AA24
29-Aug-11	KBDD11133	KM11094262	KS-3	0.01	0.01	G478848	AA24
29-Aug-11	KBDD11133	KM11094262	KS-3	0.01	0.01	G478869	AA24
29-Aug-11	KBDD11133	KM11094262	KS-3	0.01	0.01	G478887	AA24
30-Aug-11	KBDD11134	KM11094265	KS-3	0.01	0.01	G466407	AA24
30-Aug-11	KBDD11134	KM11094265	KS-3	0.01	0.01	G466429	AA24
30-Aug-11	KBDD11134	KM11094265	KS-3	0.01	0.01	G466449	AA24
30-Aug-11	KBDD11134	KM11094265	KS-3	0.01	0.01	G466470	AA24
30-Aug-11	KBDD11134	KM11094265	KS-3	0.01	0.01	G466488	AA24
30-Aug-11	KBDD11134	KM11094265	KS-3	0.01	0.01	G466506	AA24
30-Aug-11	KBDD11134	KM11094265	KS-3	0.01	0.01	G466529	AA24
30-Aug-11	KBDD11135	KM11094265	KS-3	0.01	0.01	G466547	AA24
30-Aug-11	KBDD11135	KM11094265	KS-3	0.01	0.01	G466570	AA24
30-Aug-11	KBDD11135	KM11094265	KS-3	0.01	0.01	G466588	AA24
4-Sep-11	KBDD10094	KM10184957	KS-1	0.01	0.01	G470409	AA24
4-Sep-11	KBDD10094	KM10184957	KS-1	0.01	0.01	G470430	AA24
4-Sep-11	KBDD10094	KM10184957	KS-1	0.01	0.01	G470448	AA24
4-Sep-11	KBDD10097	KM10184957	KS-1	0.01	0.01	G470467	AA24
4-Sep-11	KBDD10097	KM10184957	KS-1	0.01	0.01	G470485	AA24
4-Sep-11	KBDD10097	KM10184957	KS-1	0.01	0.01	G470510	AA24
4-Sep-11	KBDD10097	KM10184957	KS-1	0.01	0.01	G470529	AA24
4-Sep-11	KBDD10097	KM10184957	KS-1	0.01	0.01	G470548	AA24
4-Sep-11	KBDD10097	KM10184957	KS-1	0.01	0.01	G470568	AA24
4-Sep-11	KBDD10097	KM10184957	KS-1	0.01	0.01	G470588	AA24
4-Sep-11	KBDD10097	KM10184957	KS-1	0.01	0.01	G470608	AA24
4-Sep-11	KBDD10100	KM11012800	KS-1	0.01	0.01	G470628	AA24
4-Sep-11	KBDD10100	KM11012800	KS-1	0.01	0.01	G470647	AA24
4-Sep-11	KBDD10100	KM11012800	KS-1	0.01	0.01	G470669	AA24
4-Sep-11	KBDD10100	KM11012800	KS-1	0.01	0.01	G470689	AA24
4-Sep-11	KBDD10100	KM11012800	KS-1	0.01	0.01	G470708	AA24
4-Sep-11	KBDD10100	KM11012800	KS-1	0.01	0.01	G470930	AA24
4-Sep-11	KBDD10100	KM11012800	KS-1	0.01	0.01	G470947	AA24
4-Sep-11	KBDD10100	KM11012800	KS-1	0.01	0.01	G470969	AA24
4-Sep-11	KBDD10100	KM11012800	KS-1	0.01	0.01	G470988	AA24
4-Sep-11	KBDD10100	KM11012800	KS-1	0.01	0.01	G471010	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
4-Sep-11	KBDD10100	KM11012800	KS-1	0.01	0.01	G471029	AA24
9-Sep-11	KBDD11144	KM11140779	KS-4	0.01	0.01	G382010	AA24
9-Sep-11	KBDD11144	KM11140779	KS-4	0.01	0.01	G382034	AA24
9-Sep-11	KBDD11144	KM11140779	KS-4	0.01	0.01	G382055	AA24
9-Sep-11	KBDD11144	KM11140779	KS-4	0.01	0.01	G469947	AA24
9-Sep-11	KBDD11144	KM11140779	KS-4	0.01	0.01	G469969	AA24
9-Sep-11	KBDD11144	KM11140779	KS-4	0.01	0.01	G469990	AA24
11-Sep-11	KBDD11143	KM11140777	KS-4	0.01	0.01	G469431	AA24
11-Sep-11	KBDD11143	KM11140777	KS-4	0.01	0.01	G469453	AA24
11-Sep-11	KBDD11143	KM11140777	KS-4	0.01	0.01	G469474	AA24
11-Sep-11	KBDD11143	KM11140777	KS-4	0.01	0.01	G469496	AA24
11-Sep-11	KBDD11143	KM11140777	KS-4	0.01	0.01	G469517	AA24
11-Sep-11	KBDD11143	KM11140777	KS-4	0.01	0.01	G469539	AA24
11-Sep-11	KBDD11143	KM11140777	KS-4	0.01	0.02	G469560	AA24
11-Sep-11	KBDD11143	KM11140777	KS-4	0.01	0.02	G469582	AA24
11-Sep-11	KBDD11143	KM11140777	KS-4	0.01	0.01	G469603	AA24
11-Sep-11	KBDD11151	KM11167975	KS-4	0.01	0.01	G384313	AA24A
11-Sep-11	KBDD11151	KM11167975	KS-4	0.01	0.01	G384313	AA24D
11-Sep-11	KBDD11151	KM11167975	KS-4	0.01	0.01	G384313	AA24D4
11-Sep-11	KBDD11151	KM11167975	KS-4	0.01	0.01	G384313	AA24TR
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.01	G384699	AA24D4
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.01	G384699	AA24A
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.08	G384699	AA24D
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.15	G384699	AA24TR
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.01	G384721	AA24A
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.01	G384721	AA24D4
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.01	G384721	AA24TR
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.01	G384742	AA24A
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.01	G384742	AA24D
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.01	G384742	AA24TR
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.03	G384742	AA24D4
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.01	G384765	AA24D4
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.01	G384765	AA24TR
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.02	G384765	AA24A
11-Sep-11	KBDD11153	KM11167975	KS-4	0.01	0.04	G384765	AA24D
12-Sep-11	KBDD11170	KM11233771	KS-5	0.01	0.01	G381016	AA24
12-Sep-11	KBDD11170	KM11233771	KS-5	0.01	0.01	G381037	AA24
12-Sep-11	KBDD11170	KM11233771	KS-5	0.01	0.01	G381109	AA24
12-Sep-11	KBDD11170	KM11233771	KS-5	0.01	0.01	G381130	AA24
12-Sep-11	KBDD11170	KM11233771	KS-5	0.01	0.01	G381152	AA24
12-Sep-11	KBDD11170	KM11233771	KS-5	0.01	0.01	G381173	AA24
12-Sep-11	KBDD11170	KM11233772	KS-5	0.01	0.01	G381195	AA24
12-Sep-11	KBDD11170	KM11233772	KS-5	0.01	0.01	G381216	AA24
12-Sep-11	KBDD11170	KM11233772	KS-5	0.01	0.01	G381238	AA24
12-Sep-11	KBDD11170	KM11233772	KS-5	0.01	0.01	G381259	AA24

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12-Sep-11	KBDD11170	KM11233772	KS-5	0.01	0.01	G381281	AA24
12-Sep-11	KBDD11170	KM11233772	KS-5	0.01	0.01	G381302	AA24
12-Sep-11	KBDD11170	KM11233772	KS-5	0.01	0.01	G381324	AA24
12-Sep-11	KBDD11170	KM11233772	KS-5	0.01	0.01	G381345	AA24
12-Sep-11	KBDD11170	KM11233772	KS-5	0.01	0.01	G381367	AA24
12-Sep-11	KBDD11170	KM11233773	KS-5	0.01	0.01	G381388	AA24
12-Sep-11	KBDD11170	KM11233773	KS-5	0.01	0.01	G381410	AA24
12-Sep-11	KBDD11170	KM11233771	KS-5	0.01	0.01	G497730	AA24
12-Sep-11	KBDD11170	KM11233771	KS-5	0.01	0.01	G497751	AA24
12-Sep-11	KBDD11170	KM11233771	KS-5	0.01	0.01	G497773	AA24
12-Sep-11	KBDD11170	KM11233771	KS-5	0.01	0.01	G497794	AA24
12-Sep-11	KBDD11171	KM11233773	KS-5	0.01	0.01	G381431	AA24
12-Sep-11	KBDD11171	KM11233773	KS-5	0.01	0.01	G381453	AA24
12-Sep-11	KBDD11171	KM11233773	KS-5	0.01	0.01	G381474	AA24
12-Sep-11	KBDD11171	KM11233773	KS-5	0.01	0.01	G381496	AA24
12-Sep-11	KBDD11171	KM11233773	KS-5	0.01	0.01	G381517	AA24
12-Sep-11	KBDD11171	KM11233773	KS-5	0.01	0.02	G381539	AA24
12-Sep-11	KBDD11171	KM11233773	KS-5	0.01	0.01	G381582	AA24
24-Sep-11	KBDD11119	KM11061120	KS-2	0.01	0.01	G475208	AA24
24-Sep-11	KBDD11120	KM11061120	KS-2	0.01	0.01	G475229	AA24
24-Sep-11	KBDD11120	KM11061120	KS-2	0.01	0.01	G475250	AA24
24-Sep-11	KBDD11120	KM11061120	KS-2	0.01	0.01	G475267	AA24
24-Sep-11	KBDD11120	KM11061120	KS-2	0.01	0.01	G475285	AA24
24-Sep-11	KBDD11120	KM11061120	KS-2	0.01	0.01	G475309	AA24
24-Sep-11	KBDD11120	KM11061120	KS-2	0.01	0.01	G475329	AA24
24-Sep-11	KBDD11120	KM11061120	KS-2	0.01	0.01	G475349	AA24
24-Sep-11	KBDD11120	KM11061120	KS-2	0.01	0.01	G475370	AA24
24-Sep-11	KBDD11129	KM11093098	KS-3	0.01	0.01	G477368	AA24
24-Sep-11	KBDD11129	KM11093098	KS-3	0.01	0.01	G477388	AA24
24-Sep-11	KBDD11129	KM11093098	KS-3	0.01	0.01	G477408	AA24
24-Sep-11	KBDD11129	KM11093098	KS-3	0.01	0.01	G477429	AA24
24-Sep-11	KBDD11129	KM11093098	KS-3	0.01	0.01	G477448	AA24
24-Sep-11	KBDD11129	KM11093098	KS-3	0.01	0.01	G477468	AA24
24-Sep-11	KBDD11130	KM11093098	KS-3	0.01	0.01	G477487	AA24
24-Sep-11	KBDD11130	KM11093098	KS-3	0.01	0.01	G477507	AA24
24-Sep-11	KBDD11130	KM11093098	KS-3	0.01	0.01	G477529	AA24
24-Sep-11	KBDD11130	KM11093098	KS-3	0.01	0.01	G477547	AA24
27-Sep-11	KBDD11146	KM11148262	KS-4	0.01	0.01	G382613	AA24
27-Sep-11	KBDD11146	KM11148262	KS-4	0.01	0.01	G382635	AA24
27-Sep-11	KBDD11146	KM11148262	KS-4	0.01	0.01	G382656	AA24
27-Sep-11	KBDD11146	KM11148262	KS-4	0.01	0.01	G382678	AA24
27-Sep-11	KBDD11146	KM11148262	KS-4	0.01	0.01	G382699	AA24
27-Sep-11	KBDD11146	KM11148262	KS-4	0.01	0.02	G382721	AA24
27-Sep-11	KBDD11146	KM11148262	KS-4	0.01	0.01	G382742	AA24
27-Sep-11	KBDD11146	KM11148262	KS-4	0.01	0.02	G382764	AA24

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27-Sep-11	KBDD11146	KM11148262	KS-4	0.01	0.02	G382785	AA24
28-Sep-11	KBDD11145	KM11148260	KS-4	0.01	0.01	G382204	AA24
28-Sep-11	KBDD11145	KM11148260	KS-4	0.01	0.01	G382226	AA24
28-Sep-11	KBDD11145	KM11148260	KS-4	0.01	0.01	G382247	AA24
28-Sep-11	KBDD11145	KM11148260	KS-4	0.01	0.01	G382269	AA24
28-Sep-11	KBDD11145	KM11148260	KS-4	0.01	0.01	G382290	AA24
28-Sep-11	KBDD11145	KM11148260	KS-4	0.01	0.01	G382312	AA24
28-Sep-11	KBDD11145	KM11148260	KS-4	0.01	0.01	G382333	AA24
28-Sep-11	KBDD11145	KM11148260	KS-4	0.01	0.01	G382355	AA24
28-Sep-11	KBDD11145	KM11148260	KS-4	0.01	0.01	G382377	AA24
28-Sep-11	KBDD11145	KM11148261	KS-4	0.01	0.01	G382398	AA24
28-Sep-11	KBDD11145	KM11148261	KS-4	0.01	0.02	G382420	AA24
28-Sep-11	KBDD11145	KM11148261	KS-4	0.01	0.01	G382442	AA24
28-Sep-11	KBDD11145	KM11148261	KS-4	0.01	0.01	G382463	AA24
28-Sep-11	KBDD11145	KM11148261	KS-4	0.01	0.01	G382484	AA24
28-Sep-11	KBDD11145	KM11148261	KS-4	0.01	0.01	G382506	AA24
28-Sep-11	KBDD11145	KM11148261	KS-4	0.01	0.01	G382528	AA24
28-Sep-11	KBDD11146	KM11148261	KS-4	0.01	0.01	G382549	AA24
28-Sep-11	KBDD11146	KM11148261	KS-4	0.01	0.01	G382570	AA24
28-Sep-11	KBDD11146	KM11148261	KS-4	0.01	0.02	G382592	AA24
1-Oct-11	KBDD10082	KM10183628	KS-1	0.01	0.01	G373432	AA24
1-Oct-11	KBDD10088	KM10183628	KS-1	0.01	0.01	G373253	AA24
1-Oct-11	KBDD10098	KM10183628	KS-1	0.01	0.01	G373269	AA24
1-Oct-11	KBDD10098	KM10183628	KS-1	0.01	0.03	G373300	AA24
1-Oct-11	KBDD10098	KM10183628	KS-1	0.01	0.02	G373313	AA24
1-Oct-11	KBDD10098	KM10183628	KS-1	0.01	0.01	G373326	AA24
1-Oct-11	KBDD10098	KM10183628	KS-1	0.01	0.01	G373358	AA24
1-Oct-11	KBDD10098	KM10183628	KS-1	0.01	0.01	G373371	AA24
1-Oct-11	KBDD10098	KM10183628	KS-1	0.01	0.01	G373389	AA24
1-Oct-11	KBDD10098	KM10183628	KS-1	0.01	0.01	G373419	AA24
2-Oct-11	KBDD10077	KM10183775	KS-1	0.01	0.01	G374686	AA24
2-Oct-11	KBDD10077	KM10183775	KS-1	0.01	0.01	G374709	AA24
2-Oct-11	KBDD10077	KM10183775	KS-1	0.01	0.02	G374729	AA24
2-Oct-11	KBDD10077	KM10183775	KS-1	0.01	0.02	G374750	AA24
2-Oct-11	KBDD10077	KM10183775	KS-1	0.01	0.01	G374769	AA24
2-Oct-11	KBDD10093	KM10184954	KS-1	0.01	0.01	G374788	AA24
2-Oct-11	KBDD10093	KM10184954	KS-1	0.01	0.01	G374808	AA24
2-Oct-11	KBDD10093	KM10184954	KS-1	0.01	0.01	G374830	AA24
2-Oct-11	KBDD10093	KM10184954	KS-1	0.01	0.01	G374848	AA24
2-Oct-11	KBDD10093	KM10184954	KS-1	0.01	0.01	G374868	AA24
2-Oct-11	KBDD10093	KM10184954	KS-1	0.01	0.01	G374890	AA24
2-Oct-11	KBDD10093	KM10184954	KS-1	0.01	0.01	G374909	AA24
2-Oct-11	KBDD10093	KM10184954	KS-1	0.01	0.01	G374927	AA24
2-Oct-11	KBDD10093	KM10184954	KS-1	0.01	0.01	G374946	AA24
8-Oct-11	KBDD11132	KM11094261	KS-3	0.01	0.01	G478506	AA24

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8-Oct-11	KBDD11133	KM11094261	KS-3	0.01	0.01	G478525	AA24
8-Oct-11	KBDD11133	KM11094261	KS-3	0.01	0.01	G478546	AA24
8-Oct-11	KBDD11133	KM11094261	KS-3	0.01	0.01	G478568	AA24
8-Oct-11	KBDD11133	KM11094261	KS-3	0.01	0.01	G478588	AA24
8-Oct-11	KBDD11133	KM11094261	KS-3	0.01	0.01	G478608	AA24
8-Oct-11	KBDD11133	KM11094261	KS-3	0.01	0.01	G478630	AA24
8-Oct-11	KBDD11133	KM11094261	KS-3	0.01	0.01	G478647	AA24
8-Oct-11	KBDD11133	KM11094261	KS-3	0.01	0.01	G478669	AA24
8-Oct-11	KBDD11133	KM11094261	KS-3	0.01	0.01	G478688	AA24
12-Oct-11	KBDD11171	KM11233774	KS-5	0.01	0.02	G381603	AA24
12-Oct-11	KBDD11171	KM11233774	KS-5	0.01	0.01	G381625	AA24
12-Oct-11	KBDD11171	KM11233774	KS-5	0.01	0.01	G381646	AA24
12-Oct-11	KBDD11172	KM11233774	KS-5	0.01	0.01	G381672	AA24
12-Oct-11	KBDD11172	KM11233774	KS-5	0.01	0.01	G381706	AA24
12-Oct-11	KBDD11172	KM11233774	KS-5	0.01	0.01	G381727	AA24
12-Oct-11	KBDD11173	KM11233774	KS-5	0.01	0.01	G381750	AA24
12-Oct-11	KBDD11173	KM11233774	KS-5	0.01	0.01	G381771	AA24
12-Oct-11	KBDD11173	KM11233774	KS-5	0.01	0.01	G381793	AA24
12-Oct-11	KBDD11173	KM11233774	KS-5	0.01	0.01	G381814	AA24
12-Oct-11	KBDD11173	KM11233775	KS-5	0.01	0.01	G381836	AA24
12-Oct-11	KBDD11173	KM11233775	KS-5	0.01	0.01	G381857	AA24
12-Oct-11	KBDD11173	KM11233775	KS-5	0.01	0.01	G381879	AA24
12-Oct-11	KBDD11173	KM11233775	KS-5	0.01	0.06	G381900	AA24
12-Oct-11	KBDD11173	KM11233775	KS-5	0.01	0.04	G381922	AA24
12-Oct-11	KBDD11173	KM11233775	KS-5	0.01	1.17	G381943	AA24
12-Oct-11	KBDD11173	KM11233775	KS-5	0.01	0.01	G381965	AA24
12-Oct-11	KBDD11173	KM11233775	KS-5	0.01	0.01	G381986	AA24
14-Oct-11	KBDD11129	KM11093097	KS-3	0.01	0.01	G477179	AA24
14-Oct-11	KBDD11129	KM11093097	KS-3	0.01	0.01	G477197	AA24
14-Oct-11	KBDD11129	KM11093097	KS-3	0.01	0.01	G477219	AA24
14-Oct-11	KBDD11129	KM11093097	KS-3	0.01	0.01	G477240	AA24
14-Oct-11	KBDD11129	KM11093097	KS-3	0.01	0.01	G477257	AA24
14-Oct-11	KBDD11129	KM11093097	KS-3	0.01	0.01	G477280	AA24
14-Oct-11	KBDD11129	KM11093097	KS-3	0.01	0.01	G477300	AA24
14-Oct-11	KBDD11129	KM11093097	KS-3	0.01	0.01	G477318	AA24
14-Oct-11	KBDD11129	KM11093097	KS-3	0.01	0.01	G477329	AA24
14-Oct-11	KBDD11129	KM11093097	KS-3	0.01	0.01	G477349	AA24
14-Oct-11	KBDD11130	KM11093099	KS-3	0.01	0.01	G477569	AA24
14-Oct-11	KBDD11130	KM11093099	KS-3	0.01	0.01	G477587	AA24
14-Oct-11	KBDD11130	KM11093099	KS-3	0.01	0.01	G477607	AA24
14-Oct-11	KBDD11130	KM11093099	KS-3	0.01	0.01	G477628	AA24
14-Oct-11	KBDD11130	KM11093099	KS-3	0.01	0.01	G477647	AA24
14-Oct-11	KBDD11130	KM11093099	KS-3	0.01	0.01	G477668	AA24
14-Oct-11	KBDD11130	KM11093099	KS-3	0.01	0.01	G477688	AA24
14-Oct-11	KBDD11130	KM11093099	KS-3	0.01	0.01	G477708	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
14-Oct-11	KBDD11130	KM11093099	KS-3	0.01	0.01	G477729	AA24
14-Oct-11	KBDD11131	KM11093099	KS-3	0.01	0.01	G477749	AA24
14-Oct-11	KBDD11132	KM11093252	KS-3	0.01	0.01	G478167	AA24
14-Oct-11	KBDD11132	KM11093252	KS-3	0.01	0.01	G478187	AA24
14-Oct-11	KBDD11132	KM11093252	KS-3	0.01	0.01	G478207	AA24
14-Oct-11	KBDD11132	KM11093252	KS-3	0.01	0.01	G478229	AA24
14-Oct-11	KBDD11132	KM11093252	KS-3	0.01	0.01	G478246	AA24
14-Oct-11	KBDD11132	KM11093252	KS-3	0.01	0.01	G478268	AA24
14-Oct-11	KBDD11132	KM11093252	KS-3	0.01	0.01	G478286	AA24
14-Oct-11	KBDD11132	KM11093252	KS-3	0.01	0.01	G478307	AA24
14-Oct-11	KBDD11132	KM11093252	KS-3	0.01	0.01	G478330	AA24
14-Oct-11	KBDD11132	KM11093252	KS-3	0.01	0.01	G478349	AA24
14-Oct-11	KBDD11132	KM11093253	KS-3	0.01	0.01	G478388	AA24
14-Oct-11	KBDD11132	KM11093253	KS-3	0.01	0.01	G478408	AA24
14-Oct-11	KBDD11132	KM11093253	KS-3	0.01	0.01	G478428	AA24
14-Oct-11	KBDD11132	KM11093253	KS-3	0.01	0.01	G478450	AA24
14-Oct-11	KBDD11132	KM11093253	KS-3	0.01	0.01	G478469	AA24
14-Oct-11	KBDD11132	KM11093253	KS-3	0.01	0.01	G478489	AA24
17-Oct-11	KBDD11154	KM11176005	KS-4	0.01	0.02	G384829	AA24
17-Oct-11	KBDD11154	KM11176005	KS-4	0.01	0.01	G384958	AA24
17-Oct-11	KBDD11154	KM11176005	KS-4	0.01	0.01	G384980	AA24
17-Oct-11	KBDD11154	KM11176005	KS-4	0.01	0.01	G385001	AA24
17-Oct-11	KBDD11154	KM11176005	KS-4	0.01	0.01	G385023	AA24
17-Oct-11	KBDD11154	KM11176005	KS-4	0.01	0.01	G385044	AA24
17-Oct-11	KBDD11154	KM11176005	KS-4	0.01	0.01	G385066	AA24
17-Oct-11	KBDD11154	KM11176005	KS-4	0.01	0.01	G385087	AA24
17-Oct-11	KBDD11154	KM11176005	KS-4	0.01	0.01	G385109	AA24
17-Oct-11	KBDD11154	KM11176005	KS-4	0.01	0.01	G385130	AA24
17-Oct-11	KBDD11154	KM11176006	KS-4	0.01	0.01	G385152	AA24
17-Oct-11	KBDD11154	KM11176006	KS-4	0.01	0.01	G385173	AA24
17-Oct-11	KBDD11155	KM11176006	KS-4	0.01	0.01	G385195	AA24
17-Oct-11	KBDD11155	KM11176006	KS-4	0.01	0.01	G385216	AA24
17-Oct-11	KBDD11155	KM11176006	KS-4	0.01	0.01	G385238	AA24
17-Oct-11	KBDD11155	KM11176006	KS-4	0.01	0.01	G385281	AA24
17-Oct-11	KBDD11155	KM11176006	KS-4	0.01	0.01	G385302	AA24
17-Oct-11	KBDD11156	KM11176006	KS-4	0.01	0.01	G385324	AA24
17-Oct-11	KBDD11156	KM11176006	KS-4	0.01	0.01	G385345	AA24
20-Oct-11	KBDD11156	KM11176007	KS-4	0.01	0.01	G385367	AA24
20-Oct-11	KBDD11156	KM11176007	KS-4	0.01	0.01	G385388	AA24
20-Oct-11	KBDD11156	KM11176007	KS-4	0.01	0.01	G385410	AA24
20-Oct-11	KBDD11156	KM11176007	KS-4	0.01	0.01	G385431	AA24
20-Oct-11	KBDD11156	KM11176007	KS-4	0.01	0.01	G385502	AA24
20-Oct-11	KBDD11156	KM11176007	KS-4	0.01	0.01	G385524	AA24
20-Oct-11	KBDD11157	KM11176007	KS-4	0.01	0.01	G385546	AA24
20-Oct-11	KBDD11157	KM11176007	KS-4	0.01	0.01	G385567	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
22-Oct-11	KBDD11131	KM11093251	KS-3	0.01	0.01	G477969	AA24
22-Oct-11	KBDD11131	KM11093251	KS-3	0.01	0.01	G477989	AA24
22-Oct-11	KBDD11131	KM11093251	KS-3	0.01	0.01	G478007	AA24
22-Oct-11	KBDD11131	KM11093251	KS-3	0.01	0.01	G478029	AA24
22-Oct-11	KBDD11131	KM11093251	KS-3	0.01	0.01	G478046	AA24
22-Oct-11	KBDD11131	KM11093251	KS-3	0.01	0.01	G478066	AA24
22-Oct-11	KBDD11131	KM11093251	KS-3	0.01	0.05	G478085	AA24
22-Oct-11	KBDD11131	KM11093251	KS-3	0.01	0.01	G478107	AA24
22-Oct-11	KBDD11131	KM11093251	KS-3	0.01	0.01	G478130	AA24
22-Oct-11	KBDD11132	KM11093251	KS-3	0.01	0.01	G478147	AA24
22-Oct-11	KBDD11158	KM11182633	KS-4	0.01	0.01	G385652	AA24
22-Oct-11	KBDD11158	KM11182633	KS-4	0.01	0.01	G385675	AA24
22-Oct-11	KBDD11158	KM11182633	KS-4	0.01	0.01	G385696	AA24
22-Oct-11	KBDD11158	KM11182633	KS-4	0.01	0.01	G385782	AA24
22-Oct-11	KBDD11158	KM11182633	KS-4	0.01	0.01	G385804	AA24
22-Oct-11	KBDD11159	KM11182633	KS-4	0.01	0.01	G385825	AA24
22-Oct-11	KBDD11159	KM11182633	KS-4	0.01	0.01	G385847	AA24
22-Oct-11	KBDD11159	KM11182633	KS-4	0.01	0.01	G385868	AA24
22-Oct-11	KBDD11159	KM11182633	KS-4	0.01	0.01	G385890	AA24
22-Oct-11	KBDD11159	KM11182633	KS-4	0.01	0.01	G385911	AA24
24-Oct-11	KBDD11158	KM11182632	KS-4	0.01	0.01	G385718	AA24
24-Oct-11	KBDD11158	KM11182632	KS-4	0.01	0.01	G385739	AA24
24-Oct-11	KBDD11158	KM11182632	KS-4	0.01	0.01	G385761	AA24
26-Oct-11	KBDD11131	KM11093250	KS-3	0.01	0.01	G477770	AA24
26-Oct-11	KBDD11131	KM11093250	KS-3	0.01	0.01	G477789	AA24
26-Oct-11	KBDD11131	KM11093250	KS-3	0.01	0.01	G477807	AA24
26-Oct-11	KBDD11131	KM11093250	KS-3	0.01	0.01	G477829	AA24
26-Oct-11	KBDD11131	KM11093250	KS-3	0.01	0.01	G477847	AA24
26-Oct-11	KBDD11131	KM11093250	KS-3	0.01	0.02	G477870	AA24
26-Oct-11	KBDD11131	KM11093250	KS-3	0.01	0.01	G477888	AA24
26-Oct-11	KBDD11131	KM11093250	KS-3	0.01	0.01	G477908	AA24
26-Oct-11	KBDD11131	KM11093250	KS-3	0.01	0.01	G477929	AA24
26-Oct-11	KBDD11131	KM11093250	KS-3	0.01	0.01	G477948	AA24
27-Oct-11	KBDD11164	KM11208006	KS-4	0.01	0.01	G483462	AA24
27-Oct-11	KBDD11165	KM11208006	KS-4	0.01	0.01	G483484	AA24
27-Oct-11	KBDD11165	KM11208006	KS-4	0.01	0.01	G483505	AA24
27-Oct-11	KBDD11165	KM11208006	KS-4	0.01	0.01	G483527	AA24
27-Oct-11	KBDD11165	KM11208006	KS-4	0.01	0.01	G483548	AA24
27-Oct-11	KBDD11165	KM11208006	KS-4	0.01	0.01	G483570	AA24
27-Oct-11	KBDD11165	KM11208006	KS-4	0.01	0.01	G483591	AA24
27-Oct-11	KBDD11165	KM11208006	KS-4	0.01	0.01	G483613	AA24
27-Oct-11	KBDD11165	KM11208006	KS-4	0.01	0.01	G483634	AA24
28-Oct-11	KBDD11161	KM11196566	KS-4	0.01	0.01	G482774	AA24
28-Oct-11	KBDD11161	KM11196566	KS-4	0.01	0.01	G482796	AA24
28-Oct-11	KBDD11161	KM11196566	KS-4	0.01	0.01	G482817	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
28-Oct-11	KBDD11161	KM11196566	KS-4	0.01	0.01	G482839	AA24
28-Oct-11	KBDD11161	KM11196566	KS-4	0.01	0.01	G482860	AA24
28-Oct-11	KBDD11161	KM11196566	KS-4	0.01	0.01	G482882	AA24
28-Oct-11	KBDD11161	KM11196566	KS-4	0.01	0.01	G482903	AA24
28-Oct-11	KBDD11161	KM11196566	KS-4	0.01	0.01	G482925	AA24
28-Oct-11	KBDD11161	KM11196566	KS-4	0.01	0.01	G482946	AA24
28-Oct-11	KBDD11165	KM11208007	KS-4	0.01	0.01	G483656	AA24
28-Oct-11	KBDD11165	KM11208007	KS-4	0.01	0.01	G483677	AA24
28-Oct-11	KBDD11165	KM11208007	KS-4	0.01	0.01	G483699	AA24
28-Oct-11	KBDD11165	KM11208007	KS-4	0.01	0.01	G483720	AA24
28-Oct-11	KBDD11165	KM11208007	KS-4	0.01	0.01	G483742	AA24
28-Oct-11	KBDD11165	KM11208007	KS-4	0.01	0.01	G483763	AA24
28-Oct-11	KBDD11165	KM11208007	KS-4	0.01	0.01	G483784	AA24
28-Oct-11	KBDD11165	KM11208007	KS-4	0.01	0.02	G483806	AA24
28-Oct-11	KBDD11165	KM11208007	KS-4	0.01	0.01	G483828	AA24
28-Oct-11	KBDD11165	KM11208007	KS-4	0.01	0.01	G483849	AA24
28-Oct-11	KBDD11165	KM11208008	KS-4	0.01	0.01	G483871	AA24
28-Oct-11	KBDD11165	KM11208008	KS-4	0.01	0.01	G483892	AA24
10-Nov-11	KBDD11148	KM11162086	KS-4	0.01	0.01	G383732	AA24
10-Nov-11	KBDD11148	KM11162086	KS-4	0.01	0.01	G383753	AA24
10-Nov-11	KBDD11148	KM11162086	KS-4	0.01	0.03	G383775	AA24
10-Nov-11	KBDD11148	KM11162086	KS-4	0.01	0.01	G383796	AA24
10-Nov-11	KBDD11148	KM11162086	KS-4	0.01	0.01	G383818	AA24
10-Nov-11	KBDD11148	KM11162086	KS-4	0.01	0.01	G383840	AA24
10-Nov-11	KBDD11148	KM11162086	KS-4	0.01	0.01	G383861	AA24
10-Nov-11	KBDD11148	KM11162086	KS-4	0.01	0.01	G383883	AA24
10-Nov-11	KBDD11148	KM11162086	KS-4	0.01	0.01	G383904	AA24
10-Nov-11	KBDD11152	KM11168642	KS-4	0.01	0.01	G384527	AA24
10-Nov-11	KBDD11152	KM11168642	KS-4	0.01	0.01	G384550	AA24
10-Nov-11	KBDD11152	KM11168642	KS-4	0.01	0.01	G384570	AA24
10-Nov-11	KBDD11152	KM11168642	KS-4	0.01	0.01	G384592	AA24
10-Nov-11	KBDD11152	KM11168642	KS-4	0.01	0.01	G384613	AA24
10-Nov-11	KBDD11152	KM11168642	KS-4	0.01	0.01	G384635	AA24
10-Nov-11	KBDD11152	KM11168642	KS-4	0.01	0.01	G384656	AA24
10-Nov-11	KBDD11152	KM11168642	KS-4	0.01	0.01	G384678	AA24
10-Nov-11	KBDD11153	KM11168642	KS-4	0.01	0.01	G384786	AA24
10-Nov-11	KBDD11153	KM11168642	KS-4	0.01	0.01	G384808	AA24
11-Nov-11	KBDD11168	KM11225374	KS-5	0.01	0.02	G497322	AA24
11-Nov-11	KBDD11168	KM11225374	KS-5	0.01	0.01	G497344	AA24
11-Nov-11	KBDD11168	KM11225374	KS-5	0.01	0.01	G497365	AA24
11-Nov-11	KBDD11168	KM11225374	KS-5	0.01	0.01	G497387	AA24
11-Nov-11	KBDD11169	KM11225374	KS-5	0.01	0.01	G497407	AA24
11-Nov-11	KBDD11169	KM11225374	KS-5	0.01	0.01	G497429	AA24
11-Nov-11	KBDD11169	KM11225374	KS-5	0.01	0.01	G497450	AA24
11-Nov-11	KBDD11169	KM11225374	KS-5	0.01	0.01	G497472	AA24

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
11-Nov-11	KBDD11169	KM11225374	KS-5	0.01	0.01	G497493	AA24
13-Nov-11	KBDD11160	KM11231371	KS-4	0.01	0.02	G482019	AA24
13-Nov-11	KBDD11160	KM11231371	KS-4	0.01	0.01	G482040	AA24
13-Nov-11	KBDD11160	KM11231371	KS-4	0.01	0.01	G482062	AA24
13-Nov-11	KBDD11160	KM11231371	KS-4	0.01	0.01	G482083	AA24
13-Nov-11	KBDD11160	KM11231371	KS-4	0.01	0.01	G482105	AA24
13-Nov-11	KBDD11160	KM11231371	KS-4	0.01	0.01	G482126	AA24
13-Nov-11	KBDD11160	KM11231371	KS-4	0.01	0.01	G482148	AA24
13-Nov-11	KBDD11160	KM11231371	KS-4	0.01	0.01	G482169	AA24
13-Nov-11	KBDD11160	KM11231371	KS-4	0.01	0.01	G482298	AA24
13-Nov-11	KBDD11162	KM11191727	KS-4	0.01	0.01	G482968	AA24
13-Nov-11	KBDD11162	KM11191727	KS-4	0.01	0.01	G482989	AA24
13-Nov-11	KBDD11162	KM11191727	KS-4	0.01	0.01	G483011	AA24
13-Nov-11	KBDD11163	KM11191727	KS-4	0.01	0.01	G483032	AA24
13-Nov-11	KBDD11163	KM11191727	KS-4	0.01	0.01	G483054	AA24
13-Nov-11	KBDD11163	KM11191727	KS-4	0.01	0.01	G483075	AA24
13-Nov-11	KBDD11163	KM11191727	KS-4	0.01	0.01	G483097	AA24
13-Nov-11	KBDD11163	KM11191727	KS-4	0.01	0.01	G483118	AA24
13-Nov-11	KBDD11163	KM11191727	KS-4	0.01	0.01	G483140	AA24
13-Nov-11	KBDD11166	KM11225372	KS-4	0.01	0.01	G483914	AA24
13-Nov-11	KBDD11166	KM11225372	KS-4	0.01	0.01	G483935	AA24
13-Nov-11	KBDD11166	KM11225372	KS-4	0.01	0.01	G483957	AA24
13-Nov-11	KBDD11166	KM11225372	KS-5	0.01	0.01	G483978	AA24
13-Nov-11	KBDD11166	KM11225372	KS-4	0.01	0.01	G484000	AA24
13-Nov-11	KBDD11166	KM11225372	KS-5	0.01	0.01	G497021	AA24
13-Nov-11	KBDD11166	KM11225372	KS-5	0.01	0.01	G497043	AA24
13-Nov-11	KBDD11166	KM11225372	KS-5	0.01	0.01	G497064	AA24
13-Nov-11	KBDD11166	KM11225372	KS-5	0.01	0.01	G497086	AA24
13-Nov-11	KBDD11166	KM11225373	KS-5	0.01	0.01	G497107	AA24
13-Nov-11	KBDD11166	KM11225373	KS-5	0.01	0.01	G497129	AA24
13-Nov-11	KBDD11166	KM11225373	KS-5	0.01	0.03	G497150	AA24
13-Nov-11	KBDD11166	KM11225373	KS-5	0.01	0.01	G497172	AA24
13-Nov-11	KBDD11166	KM11225373	KS-5	0.01	0.01	G497193	AA24
13-Nov-11	KBDD11167	KM11225373	KS-5	0.01	0.01	G497215	AA24
13-Nov-11	KBDD11167	KM11225373	KS-5	0.01	0.01	G497236	AA24
13-Nov-11	KBDD11167	KM11225373	KS-5	0.01	0.01	G497258	AA24
13-Nov-11	KBDD11167	KM11225373	KS-5	0.01	0.01	G497279	AA24
13-Nov-11	KBDD11168	KM11225373	KS-5	0.01	0.01	G497301	AA24
14-Nov-11	KBDD11169	KM11225375	KS-5	0.01	0.01	G497515	AA24
14-Nov-11	KBDD11169	KM11225375	KS-5	0.01	0.01	G497536	AA24
14-Nov-11	KBDD11169	KM11225375	KS-5	0.01	0.01	G497558	AA24
14-Nov-11	KBDD11169	KM11225375	KS-5	0.01	0.01	G497579	AA24
14-Nov-11	KBDD11169	KM11225375	KS-5	0.01	0.01	G497601	AA24
14-Nov-11	KBDD11169	KM11225375	KS-5	0.01	0.01	G497622	AA24
14-Nov-11	KBDD11169	KM11225375	KS-5	0.01	0.01	G497644	AA24

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14-Nov-11	KBDD11169	KM11225375	KS-5	0.01	0.03	G497665	AA24
14-Nov-11	KBDD11169	KM11225375	KS-5	0.01	0.03	G497687	AA24
14-Nov-11	KBDD11169	KM11225375	KS-5	0.01	0.01	G497708	AA24
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G385933	AA24A
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G385933	AA24D
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G385933	AA24D4
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G385933	AA24TR
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G385954	AA24A
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G385954	AA24D4
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G385954	AA24D
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.02	G385954	AA24TR
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G385976	AA24TR
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G385976	AA24A
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.02	G385976	AA24D
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.02	G385976	AA24D4
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G385997	AA24A
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G385997	AA24D
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G385997	AA24D4
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G385997	AA24TR
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482191	AA24A
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482191	AA24D
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482191	AA24D4
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482191	AA24TR
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482212	AA24A
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482212	AA24D
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482212	AA24D4
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482212	AA24TR
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482234	AA24D
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482234	AA24D4
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.03	G482234	AA24A
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.03	G482234	AA24TR
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482255	AA24A
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482255	AA24D
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482255	AA24D4
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482255	AA24TR
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482277	AA24A
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482277	AA24D
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482277	AA24D4
17-Nov-11	KBDD11160	KM11231372	KS-4	0.01	0.01	G482277	AA24TR
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384851	AA24A
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384851	AA24D4
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384851	AA24D
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384851	AA24TR
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384872	AA24D4
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384872	AA24A

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21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384872	AA24TR
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.02	G384872	AA24D
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384895	AA24A
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384895	AA24D
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384895	AA24D4
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384895	AA24TR
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.02	G384915	AA24TR
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.03	G384915	AA24D
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.03	G384915	AA24A
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.05	G384915	AA24D4
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384937	AA24A
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384937	AA24D
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384937	AA24D4
21-Nov-11	KBDD11154	KM11176008	KS-4	0.01	0.01	G384937	AA24TR
21-Nov-11	KBDD11155	KM11176008	KS-4	0.01	0.01	G385259	AA24A
21-Nov-11	KBDD11155	KM11176008	KS-4	0.01	0.01	G385259	AA24D4
21-Nov-11	KBDD11155	KM11176008	KS-4	0.01	0.01	G385259	AA24D
21-Nov-11	KBDD11157	KM11176008	KS-4	0.01	0.01	G385588	AA24A
21-Nov-11	KBDD11157	KM11176008	KS-4	0.01	0.01	G385588	AA24D4
21-Nov-11	KBDD11157	KM11176008	KS-4	0.01	0.02	G385588	AA24D
21-Nov-11	KBDD11157	KM11176008	KS-4	0.01	0.01	G385609	AA24A
21-Nov-11	KBDD11157	KM11176008	KS-4	0.01	0.01	G385609	AA24D4
21-Nov-11	KBDD11157	KM11176008	KS-4	0.01	0.01	G385609	AA24D
21-Nov-11	KBDD11157	KM11176008	KS-4	0.01	0.01	G385609	AA24TR
21-Nov-11	KBDD11157	KM11176008	KS-4	0.01	0.01	G385631	AA24A
21-Nov-11	KBDD11157	KM11176008	KS-4	0.01	0.01	G385631	AA24D4
21-Nov-11	KBDD11157	KM11176008	KS-4	0.01	0.01	G385631	AA24TR
21-Nov-11	KBDD11157	KM11176008	KS-4	0.01	0.02	G385631	AA24D
28-Nov-11	KBDD11174	KM11242300	KS-5	0.01	0.01	G381058	AA24A
28-Nov-11	KBDD11174	KM11242300	KS-5	0.01	0.01	G381058	AA24D
28-Nov-11	KBDD11174	KM11242300	KS-5	0.01	0.01	G381058	AA24TR
28-Nov-11	KBDD11174	KM11242300	KS-5	0.01	0.01	G381079	AA24A
28-Nov-11	KBDD11174	KM11242300	KS-5	0.01	0.01	G381079	AA24D
28-Nov-11	KBDD11174	KM11242300	KS-5	0.01	0.01	G381079	AA24TR
28-Nov-11	KBDD11174	KM11242300	KS-5	0.01	0.01	G385472	AA24A
28-Nov-11	KBDD11174	KM11242300	KS-5	0.01	0.01	G385472	AA24D
28-Nov-11	KBDD11174	KM11242300	KS-5	0.01	0.02	G385472	AA24TR
28-Nov-11	KBDD11175	KM11242300	KS-5	0.01	0.01	G432326	AA24D
28-Nov-11	KBDD11175	KM11242300	KS-5	0.01	0.01	G432326	AA24TR
28-Nov-11	KBDD11175	KM11242300	KS-5	0.01	0.02	G432326	AA24A
28-Nov-11	KBDD11175	KM11242300	KS-5	0.01	0.01	G432347	AA24A
28-Nov-11	KBDD11175	KM11242300	KS-5	0.01	0.01	G432347	AA24D
28-Nov-11	KBDD11175	KM11242300	KS-5	0.01	0.01	G432347	AA24TR
28-Nov-11	KBDD11176	KM11242300	KS-5	0.01	0.01	G432618	AA24A
28-Nov-11	KBDD11176	KM11242300	KS-5	0.01	0.01	G432618	AA24TR

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28-Nov-11	KBDD11176	KM11242300	KS-5	0.01	0.03	G432618	AA24D
28-Nov-11	KBDD11176	KM11242300	KS-5	0.01	0.01	G432637	AA24A
28-Nov-11	KBDD11176	KM11242300	KS-5	0.01	0.01	G432637	AA24D
28-Nov-11	KBDD11176	KM11242300	KS-5	0.01	0.01	G432637	AA24TR
28-Nov-11	KBDD11176	KM11242300	KS-5	0.01	0.01	G432658	AA24A
28-Nov-11	KBDD11176	KM11242300	KS-5	0.01	0.01	G432658	AA24D
28-Nov-11	KBDD11176	KM11242300	KS-5	0.01	0.01	G432658	AA24TR
4-Dec-11	KBDD10104	KM11054600	KS-2	0.01	0.01	G471830	AA24
4-Dec-11	KBDD10104	KM11054600	KS-2	0.01	0.01	G471848	AA24
4-Dec-11	KBDD10104	KM11054600	KS-2	0.01	0.01	G471869	AA24
4-Dec-11	KBDD10104	KM11054600	KS-2	0.01	0.03	G471888	AA24
4-Dec-11	KBDD10104	KM11054600	KS-2	0.01	0.01	G471907	AA24
4-Dec-11	KBDD10104	KM11054600	KS-2	0.01	0.01	G471930	AA24
4-Dec-11	KBDD10104	KM11054600	KS-2	0.01	0.01	G471949	AA24
4-Dec-11	KBDD10104	KM11054600	KS-2	0.01	0.01	G471969	AA24
4-Dec-11	KBDD11105	KM11054600	KS-2	0.01	0.01	G471987	AA24
4-Dec-11	KBDD11105	KM11054600	KS-2	0.01	0.01	G472009	AA24
9-Dec-11	KBDD11143	KM11140778	KS-4	0.01	0.01	G469624	AA24
9-Dec-11	KBDD11144	KM11140778	KS-4	0.01	0.01	G469754	AA24
9-Dec-11	KBDD11144	KM11140778	KS-4	0.01	0.01	G469775	AA24
9-Dec-11	KBDD11144	KM11140778	KS-4	0.01	0.01	G469797	AA24
9-Dec-11	KBDD11144	KM11140778	KS-4	0.01	0.01	G469818	AA24
9-Dec-11	KBDD11144	KM11140778	KS-4	0.01	0.01	G469840	AA24
9-Dec-11	KBDD11144	KM11140778	KS-4	0.01	0.01	G469861	AA24
9-Dec-11	KBDD11144	KM11140778	KS-4	0.01	0.01	G469883	AA24
9-Dec-11	KBDD11144	KM11140778	KS-4	0.01	0.01	G469904	AA24
9-Dec-11	KBDD11144	KM11140778	KS-4	0.01	0.01	G469926	AA24
15-Feb-12	KBDD11174	KM11242908	KS-5	0.01	0.01	G385451	AA24
15-Feb-12	KBDD11174	KM11242908	KS-5	0.01	0.01	G385494	AA24
15-Feb-12	KBDD11174	KM11242908	KS-5	0.01	0.02	G432115	AA24
15-Feb-12	KBDD11174	KM11242908	KS-5	0.01	0.02	G432137	AA24
15-Feb-12	KBDD11174	KM11242908	KS-5	0.01	0.02	G432150	AA24
15-Feb-12	KBDD11174	KM11242908	KS-5	0.01	0.04	G432159	AA24
15-Feb-12	KBDD11174	KM11242908	KS-5	0.01	0.01	G432181	AA24
15-Feb-12	KBDD11174	KM11242908	KS-5	0.01	0.01	G432202	AA24
15-Feb-12	KBDD11174	KM11242908	KS-5	0.01	0.01	G432224	AA24
15-Feb-12	KBDD11174	KM11242908	KS-5	0.01	0.01	G432245	AA24
20-Feb-12	KBDD11175	KM11242909	KS-5	0.01	0.01	G432266	AA24
20-Feb-12	KBDD11175	KM11242909	KS-5	0.01	0.01	G432283	AA24
20-Feb-12	KBDD11175	KM11242909	KS-5	0.01	0.01	G432304	AA24
20-Feb-12	KBDD11175	KM11242909	KS-5	0.01	0.01	G432369	AA24
20-Feb-12	KBDD11175	KM11242909	KS-5	0.01	0.01	G432390	AA24
20-Feb-12	KBDD11175	KM11242909	KS-5	0.01	0.01	G432412	AA24
20-Feb-12	KBDD11175	KM11242909	KS-5	0.01	0.01	G432433	AA24
20-Feb-12	KBDD11175	KM11242909	KS-5	0.01	0.01	G432455	AA24

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20-Feb-12	KBDD11175	KM11242909	KS-5	0.01	0.01	G432476	AA24
20-Feb-12	KBDD11175	KM11242909	KS-5	0.01	0.01	G432498	AA24
21-Feb-12	KBDD11180	KM11253993	KS-5	0.01	0.01	G420117	AA24
21-Feb-12	KBDD11180	KM11253993	KS-5	0.01	0.01	G420139	AA24
21-Feb-12	KBDD11180	KM11253993	KS-5	0.01	0.01	G420160	AA24
21-Feb-12	KBDD11180	KM11253993	KS-5	0.01	0.01	G420182	AA24
21-Feb-12	KBDD11180	KM11253993	KS-5	0.01	0.01	G420203	AA24
21-Feb-12	KBDD11180	KM11253993	KS-5	0.01	0.01	G420225	AA24
21-Feb-12	KBDD11180	KM11253993	KS-5	0.01	0.01	G420246	AA24
22-Feb-12	KBDD11175	KM11243070	KS-5	0.01	0.01	G432519	AA24
22-Feb-12	KBDD11175	KM11243070	KS-5	0.01	0.01	G432541	AA24
22-Feb-12	KBDD11175	KM11243070	KS-5	0.01	0.01	G432562	AA24
22-Feb-12	KBDD11176	KM11243070	KS-5	0.01	0.01	G432584	AA24
22-Feb-12	KBDD11176	KM11243070	KS-5	0.01	0.01	G432598	AA24
22-Feb-12	KBDD11176	KM11243070	KS-5	0.01	0.01	G432679	AA24
22-Feb-12	KBDD11177	KM11253991	KS-5	0.01	0.01	G432701	AA24
22-Feb-12	KBDD11177	KM11253991	KS-5	0.01	0.01	G432722	AA24
22-Feb-12	KBDD11178	KM11253991	KS-5	0.01	0.01	G432744	AA24
22-Feb-12	KBDD11178	KM11253991	KS-5	0.01	0.01	G432765	AA24
22-Feb-12	KBDD11178	KM11253991	KS-5	0.01	0.01	G432787	AA24
22-Feb-12	KBDD11178	KM11253991	KS-5	0.01	0.01	G432808	AA24
22-Feb-12	KBDD11178	KM11253991	KS-5	0.01	0.01	G432830	AA24
22-Feb-12	KBDD11178	KM11253991	KS-5	0.01	0.01	G432851	AA24
22-Feb-12	KBDD11178	KM11253991	KS-5	0.01	0.01	G432873	AA24
22-Feb-12	KBDD11178	KM11253992	KS-5	0.01	0.01	G432894	AA24
22-Feb-12	KBDD11179	KM11253992	KS-5	0.01	0.01	G420010	AA24
22-Feb-12	KBDD11179	KM11253992	KS-5	0.01	0.01	G420031	AA24
22-Feb-12	KBDD11179	KM11253992	KS-5	0.01	0.01	G432916	AA24
22-Feb-12	KBDD11179	KM11253992	KS-5	0.01	0.01	G432937	AA24
22-Feb-12	KBDD11179	KM11253992	KS-5	0.01	0.01	G432959	AA24
22-Feb-12	KBDD11180	KM11253992	KS-5	0.01	0.01	G420053	AA24
22-Feb-12	KBDD11180	KM11253992	KS-5	0.01	0.01	G420074	AA24
22-Feb-12	KBDD11180	KM11253992	KS-5	0.01	0.01	G420096	AA24

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11 Jan 10	KBDD10070	KM10152847	KS-1	0.01	0.01	G370259A	AA26
11 Jan 10	KBDD10085	KM10152847	KS-1	0.01	0.01	G371267A	AA26
11 Jan 10	KBDD10086	KM10152847	KS-1	0.01	0.01	G371586A	AA26
12 Nov 10	KBDD10090	KM10175845	KS-1	0.01	0.05	G372022A	AA26
12 Nov 10	KBDD10091	KM10175845	KS-1	0.01	0.01	G372213A	AA26
25 Jan 11	KBDD10098	KM10183776	KS-1	0.01	0.01	G373308A	AA26
21-Dec-11	KBDD11179	KM11253990	KS-5	0.01	0.01	G432975	AA26A
21-Dec-11	KBDD11179	KM11253990	KS-5	0.01	0.01	G432975	AA26D
21-Dec-11	KBDD11179	KM11253990	KS-5	0.01	0.01	G432975	AA26D4

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
21-Dec-11	KBDD11179	KM11253990	KS-5	0.01	0.01	G432975	AA26T
21-Dec-11	KBDD11179	KM11253990	KS-5	0.01	0.01	G432990	AA26A
21-Dec-11	KBDD11179	KM11253990	KS-5	0.01	0.01	G432990	AA26D
21-Dec-11	KBDD11179	KM11253990	KS-5	0.01	0.01	G432990	AA26D4
21-Dec-11	KBDD11179	KM11253990	KS-5	0.01	0.03	G432990	AA26T
3-Jan-12	KBDD12187	KM12029607	KS-5	0.01	0.01	G422036	AA26
3-Jan-12	KBDD12187	KM12029607	KS-5	0.01	0.01	G422057	AA26
3-Jan-12	KBDD12187	KM12029607	KS-5	0.01	0.01	G422079	AA26
3-Jan-12	KBDD12188	KM12029607	KS-5	0.01	0.01	G422100	AA26
3-Jan-12	KBDD12188	KM12029607	KS-5	0.01	0.01	G422122	AA26
3-Jan-12	KBDD12188	KM12029607	KS-5	0.01	0.01	G422143	AA26
3-Jan-12	KBDD12188	KM12029607	KS-5	0.01	0.01	G422165	AA26
3-Jan-12	KBDD12188	KM12029607	KS-5	0.01	0.01	G422186	AA26
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420452	AA26A
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420452	AA26D
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420452	AA26D4
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420452	AA26T
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420463	AA26A
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420463	AA26D
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420463	AA26D4
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420463	AA26T
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420565	AA26A
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420565	AA26D
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420565	AA26D4
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420565	AA26T
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420581	AA26A
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.01	G420581	AA26T
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.02	G420581	AA26D
6-Feb-12	KBDD11183	KM11269403	KS-5	0.01	0.02	G420581	AA26D4
13-Feb-12	KBDD11181	KM11269099	KS-5	0.01	0.01	G420265	AA26
13-Feb-12	KBDD11181	KM11269099	KS-5	0.01	0.01	G420286	AA26
13-Feb-12	KBDD11181	KM11269099	KS-5	0.01	0.01	G420308	AA26
13-Feb-12	KBDD11181	KM11269099	KS-5	0.01	0.01	G420329	AA26
13-Feb-12	KBDD11181	KM11269099	KS-5	0.01	0.01	G420351	AA26
13-Feb-12	KBDD11181	KM11269099	KS-5	0.01	0.01	G420372	AA26
13-Feb-12	KBDD11181	KM11269099	KS-5	0.01	0.01	G420394	AA26
13-Feb-12	KBDD11182	KM11269099	KS-5	0.01	0.01	G420415	AA26
13-Feb-12	KBDD11183	KM11269099	KS-5	0.01	0.09	G420434	AA26
13-Feb-12	KBDD11183	KM11269099	KS-5	0.01	0.02	G420483	AA26
13-Feb-12	KBDD11183	KM11269099	KS-5	0.01	0.01	G420504	AA26
13-Feb-12	KBDD11183	KM11269099	KS-5	0.01	0.01	G420526	AA26
14-Feb-12	KBDD11183	KM11269400	KS-5	0.01	0.01	G420548	AA26
14-Feb-12	KBDD11183	KM11269400	KS-5	0.01	0.01	G420607	AA26
14-Feb-12	KBDD11183	KM11269400	KS-5	0.01	0.01	G420630	AA26
14-Feb-12	KBDD11183	KM11269400	KS-5	0.01	0.02	G420650	AA26

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
14-Feb-12	KBDD11183	KM11269400	KS-5	0.01	0.01	G420673	AA26
14-Feb-12	KBDD11183	KM11269400	KS-5	0.01	0.01	G420695	AA26
14-Feb-12	KBDD11183	KM11269400	KS-5	0.01	0.01	G420716	AA26
14-Feb-12	KBDD11183	KM11269400	KS-5	0.01	0.01	G420736	AA26
14-Feb-12	KBDD11183	KM11269400	KS-5	0.01	0.01	G420759	AA26
14-Feb-12	KBDD11183	KM11269400	KS-5	0.01	0.01	G420781	AA26
14-Feb-12	KBDD11183	KM11269400	KS-5	0.01	0.03	G420802	AA26
14-Feb-12	KBDD11184	KM11271424	KS-5	0.01	0.01	G420822	AA26
14-Feb-12	KBDD11184	KM11271424	KS-5	0.01	0.02	G420844	AA26
14-Feb-12	KBDD11184	KM11271424	KS-5	0.01	0.01	G420865	AA26
14-Feb-12	KBDD11184	KM11271424	KS-5	0.01	0.01	G420887	AA26
14-Feb-12	KBDD11184	KM11271424	KS-5	0.01	0.01	G420907	AA26
14-Feb-12	KBDD11184	KM11271424	KS-5	0.01	0.02	G420960	AA26
14-Feb-12	KBDD11184	KM11271424	KS-5	0.01	0.01	G420976	AA26
14-Feb-12	KBDD11184	KM11271424	KS-5	0.01	0.01	G421014	AA26
14-Feb-12	KBDD11184	KM11271424	KS-5	0.01	0.01	G421036	AA26
14-Feb-12	KBDD11185	KM11271424	KS-5	0.01	0.01	G421056	AA26
14-Feb-12	KBDD11185	KM11271424	KS-5	0.01	0.01	G421078	AA26
14-Feb-12	KBDD11185	KM11271424	KS-5	0.01	0.01	G421095	AA26
14-Feb-12	KBDD12186	KM12018323	KS-5	0.01	0.01	G421125	AA26
14-Feb-12	KBDD12186	KM12018323	KS-5	0.01	0.01	G421146	AA26
14-Feb-12	KBDD12186	KM12018323	KS-5	0.01	0.01	G421168	AA26
14-Feb-12	KBDD12186	KM12018323	KS-5	0.01	0.05	G421189	AA26
14-Feb-12	KBDD12186	KM12018323	KS-5	0.01	0.03	G421211	AA26
14-Feb-12	KBDD12186	KM12018323	KS-5	0.01	0.01	G421232	AA26
14-Feb-12	KBDD12186	KM12018323	KS-5	0.01	0.01	G421254	AA26
14-Feb-12	KBDD12186	KM12018323	KS-5	0.01	0.01	G421275	AA26
14-Feb-12	KBDD12186	KM12018323	KS-5	0.01	0.01	G421297	AA26
21-Feb-12	TKB123	KM12018322	KS-5	0.01	0.01	G485350	AA26
21-Feb-12	TKB123	KM12018322	KS-5	0.01	0.01	G485370	AA26
21-Feb-12	TKB123	KM12018322	KS-5	0.01	0.01	G485390	AA26
21-Feb-12	TKB123	KM12018322	KS-5	0.01	0.01	G485450	AA26
21-Feb-12	TKB123	KM12018322	KS-5	0.01	0.01	G485470	AA26
21-Feb-12	TKB123_V_20_5	KM12018322	KS-5	0.01	0.01	G485410	AA26
21-Feb-12	TKB123_V_50_5	KM12018322	KS-5	0.01	0.01	G485430	AA26
21-Feb-12	TKB123_V_83	KM12018322	KS-5	0.01	0.01	G485490	AA26
24-Feb-12	KBRS044	KM12029604	KS-5	0.01	0.01	G484510	AA26
24-Feb-12	TKB122	KM11271422	KS-5	0.01	0.01	G485250	AA26
24-Feb-12	TKB122	KM11271422	KS-5	0.01	0.01	G485290	AA26
24-Feb-12	TKB122	KM11271422	KS-5	0.01	0.01	G485310	AA26
24-Feb-12	TKB124	KM12029604	KS-5	0.01	0.01	G484530	AA26
24-Feb-12	TKB124	KM12029604	KS-5	0.01	0.01	G484550	AA26
24-Feb-12	TKB124_V_82_5	KM12029604	KS-5	0.01	0.01	G484570	AA26
25-Feb-12	KBDD12189	KM12029608	KS-5	0.01	0.01	G422208	AA26
25-Feb-12	KBDD12189	KM12029608	KS-5	0.01	0.01	G422229	AA26

Date	HoleID	LabRefNo	StdCode	RecValue	Auppm	SpleID	LabMethod
25-Feb-12	KBDD12189	KM12029608	KS-5	0.01	0.01	G422251	AA26
25-Feb-12	KBDD12189	KM12029608	KS-5	0.01	0.01	G422302	AA26
25-Feb-12	KBDD12189	KM12029608	KS-5	0.01	0.01	G422324	AA26
29-Feb-12	KBDD12187	KM12029606	KS-5	0.01	0.01	G421318	AA26
29-Feb-12	KBDD12187	KM12029606	KS-5	0.01	0.01	G421339	AA26
29-Feb-12	KBDD12187	KM12029606	KS-5	0.01	0.01	G421360	AA26
29-Feb-12	KBDD12187	KM12029606	KS-5	0.01	0.01	G421382	AA26
29-Feb-12	KBDD12187	KM12029606	KS-5	0.01	0.01	G421403	AA26
29-Feb-12	KBDD12187	KM12029606	KS-5	0.01	0.01	G421425	AA26
29-Feb-12	KBDD12187	KM12029606	KS-5	0.01	0.01	G421446	AA26
29-Feb-12	KBDD12187	KM12029609	KS-5	0.01	0.01	G421464	AA26A
29-Feb-12	KBDD12187	KM12029609	KS-5	0.01	0.01	G421464	AA26D4
29-Feb-12	KBDD12187	KM12029609	KS-5	0.01	0.01	G421464	AA26T
29-Feb-12	KBDD12187	KM12029609	KS-5	0.01	0.02	G421464	AA26D
29-Feb-12	KBDD12187	KM12029609	KS-5	0.01	0.01	G421478	AA26A
29-Feb-12	KBDD12187	KM12029609	KS-5	0.01	0.01	G421478	AA26D
29-Feb-12	KBDD12187	KM12029609	KS-5	0.01	0.01	G421478	AA26D4
29-Feb-12	KBDD12187	KM12029609	KS-5	0.01	0.01	G421478	AA26T
29-Feb-12	KBDD12187	KM12029606	KS-5	0.01	0.01	G421495	AA26
29-Feb-12	KBDD12187	KM12029606	KS-5	0.01	0.01	G422014	AA26
29-Feb-12	KBDD12189	KM12029609	KS-5	0.01	0.01	G422268	AA26A
29-Feb-12	KBDD12189	KM12029609	KS-5	0.01	0.01	G422268	AA26D4
29-Feb-12	KBDD12189	KM12029609	KS-5	0.01	0.01	G422268	AA26T
29-Feb-12	KBDD12189	KM12029609	KS-5	0.01	0.02	G422268	AA26D
29-Feb-12	KBDD12189	KM12029609	KS-5	0.01	0.01	G422283	AA26D
29-Feb-12	KBDD12189	KM12029609	KS-5	0.01	0.01	G422283	AA26D4
29-Feb-12	KBDD12189	KM12029609	KS-5	0.01	0.01	G422283	AA26T
29-Feb-12	KBDD12189	KM12029609	KS-5	0.01	0.02	G422283	AA26A
8-Mar-12	KBDD12190	KM12033247	KS-5	0.01	0.01	G422359	AA26
8-Mar-12	KBDD12190	KM12033247	KS-5	0.01	0.01	G422400	AA26
8-Mar-12	KBDD12190	KM12033247	KS-5	0.01	0.01	G422421	AA26
8-Mar-12	KBDD12190	KM12033247	KS-5	0.01	0.01	G422443	AA26
8-Mar-12	KBDD12190	KM12033247	KS-5	0.01	0.01	G422465	AA26
8-Mar-12	KBDD12190	KM12033247	KS-5	0.01	0.01	G422486	AA26
8-Mar-12	KBDD12191	KM12033247	KS-5	0.01	0.01	G422508	AA26
8-Mar-12	KBDD12191	KM12033247	KS-5	0.01	0.01	G422529	AA26
8-Mar-12	KBDD12191	KM12033247	KS-5	0.01	0.01	G422551	AA26
9-Mar-12	KBDD11184	KM11271425	KS-5	0.01	0.01	G420924	AA26A
9-Mar-12	KBDD11184	KM11271425	KS-5	0.01	0.01	G420924	AA26T
9-Mar-12	KBDD11184	KM11271425	KS-5	0.01	0.03	G420924	AA26D4
9-Mar-12	KBDD11184	KM11271425	KS-5	0.01	0.04	G420924	AA26D
9-Mar-12	KBDD11184	KM11271425	KS-5	0.01	0.01	G420937	AA26A
9-Mar-12	KBDD11184	KM11271425	KS-5	0.01	0.01	G420937	AA26D4
9-Mar-12	KBDD11184	KM11271425	KS-5	0.01	0.01	G420937	AA26T
9-Mar-12	KBDD11184	KM11271425	KS-5	0.01	0.04	G420937	AA26D

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9-Mar-12	KBDD11184	KM11271425	KS-5	0.01	0.01	G420994	AA26D4
9-Mar-12	KBDD11184	KM11271425	KS-5	0.01	0.01	G420994	AA26T
9-Mar-12	KBDD11184	KM11271425	KS-5	0.01	0.02	G420994	AA26A
9-Mar-12	KBDD11184	KM11271425	KS-5	0.01	0.02	G420994	AA26D
12-Mar-12	KBDD12191	KM12033248	KS-5	0.01	0.01	G422572	AA26
12-Mar-12	KBDD12191	KM12033248	KS-5	0.01	0.01	G422594	AA26
12-Mar-12	KBDD12191	KM12033248	KS-5	0.01	0.01	G422615	AA26
12-Mar-12	KBDD12191	KM12033248	KS-5	0.01	0.01	G422701	AA26
12-Mar-12	KBDD12191	KM12033248	KS-5	0.01	0.01	G422723	AA26
12-Mar-12	KBDD12192	KM12036863	KS-5	0.01	0.01	G422742	AA26
12-Mar-12	KBDD12192	KM12036863	KS-5	0.01	0.01	G422757	AA26
12-Mar-12	KBDD12192	KM12036863	KS-5	0.01	0.01	G422773	AA26
12-Mar-12	KBDD12192	KM12036863	KS-5	0.01	0.01	G422864	AA26
12-Mar-12	KBDD12192	KM12036863	KS-5	0.01	0.07	G422886	AA26
12-Mar-12	KBDD12192	KM12036863	KS-5	0.01	0.01	G422906	AA26
12-Mar-12	KBDD12192	KM12036863	KS-5	0.01	0.01	G422929	AA26
12-Mar-12	KBDD12192	KM12036863	KS-5	0.01	0.01	G422949	AA26
12-Mar-12	KBDD12192	KM12036863	KS-5	0.01	0.01	G422972	AA26
12-Mar-12	KBDD12192	KM12036863	KS-5	0.01	0.01	G422992	AA26
12-Mar-12	KBDD12192	KM12036864	KS-5	0.01	0.01	G423015	AA26
12-Mar-12	KBDD12192	KM12036864	KS-5	0.01	0.01	G423035	AA26
12-Mar-12	KBDD12192	KM12036864	KS-5	0.01	0.01	G423058	AA26
12-Mar-12	KBDD12192	KM12036864	KS-5	0.01	0.01	G423078	AA26
12-Mar-12	KBDD12193	KM12036864	KS-5	0.01	0.01	G423101	AA26
12-Mar-12	KBDD12193	KM12036864	KS-5	0.01	0.01	G423121	AA26
12-Mar-12	KBDD12193	KM12036864	KS-5	0.01	0.01	G423144	AA26
12-Mar-12	KBDD12194	KM12036864	KS-5	0.01	0.01	G423164	AA26
12-Mar-12	KBDD12194	KM12036864	KS-5	0.01	0.01	G423187	AA26
12-Mar-12	KBDD12194	KM12036864	KS-5	0.01	0.01	G423207	AA26
12-Mar-12	KBDD12194	KM12036865	KS-5	0.01	0.01	G423230	AA26
12-Mar-12	KBDD12194	KM12036865	KS-5	0.01	0.01	G423251	AA26
12-Mar-12	KBDD12194	KM12036865	KS-5	0.01	0.01	G423267	AA26
12-Mar-12	KBDD12194	KM12036865	KS-5	0.01	0.01	G423287	AA26
12-Mar-12	KBDD12194	KM12036865	KS-5	0.01	0.01	G423330	AA26
12-Mar-12	KBDD12194	KM12036865	KS-5	0.01	0.01	G423353	AA26
12-Mar-12	KBDD12194	KM12036865	KS-5	0.01	0.01	G423373	AA26
12-Mar-12	KBDD12195	KM12036865	KS-5	0.01	0.01	G423396	AA26
12-Mar-12	KBDD12196	KM12041669	KS-5	0.01	0.01	G423454	AA26
12-Mar-12	KBDD12196	KM12041669	KS-5	0.01	0.01	G423469	AA26
12-Mar-12	KBDD12196	KM12041669	KS-5	0.01	0.01	G423510	AA26
12-Mar-12	KBDD12196	KM12041669	KS-5	0.01	0.01	G423533	AA26
12-Mar-12	KBDD12196	KM12041669	KS-5	0.01	0.01	G423553	AA26
12-Mar-12	KBDD12196	KM12041669	KS-5	0.01	0.01	G423576	AA26
12-Mar-12	KBDD12197	KM12041669	KS-5	0.01	0.01	G423619	AA26
12-Mar-12	KBDD12197	KM12041669	KS-5	0.01	0.01	G423639	AA26

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12-Mar-12	KBDD12198	KM12041669	KS-5	0.01	0.01	G423705	AA26
12-Mar-12	KBDD12198	KM12041669	KS-5	0.01	0.01	G423721	AA26
14-Mar-12	KBDD12196	KM12041666	KS-5	0.01	0.01	G423485	AA26A
14-Mar-12	KBDD12196	KM12041666	KS-5	0.01	0.01	G423485	AA26D
14-Mar-12	KBDD12196	KM12041666	KS-5	0.01	0.01	G423485	AA26D4
14-Mar-12	KBDD12196	KM12041666	KS-5	0.01	0.01	G423485	AA26T
14-Mar-12	KBDD12197	KM12041666	KS-5	0.01	0.01	G423596	AA26A
14-Mar-12	KBDD12197	KM12041666	KS-5	0.01	0.01	G423596	AA26D
14-Mar-12	KBDD12197	KM12041666	KS-5	0.01	0.01	G423596	AA26D4
14-Mar-12	KBDD12197	KM12041666	KS-5	0.01	0.01	G423596	AA26T
14-Mar-12	KBDD12198	KM12041666	KS-5	0.01	0.01	G423662	AA26A
14-Mar-12	KBDD12198	KM12041666	KS-5	0.01	0.01	G423662	AA26T
14-Mar-12	KBDD12198	KM12041666	KS-5	0.01	0.02	G423662	AA26D4
14-Mar-12	KBDD12198	KM12041666	KS-5	0.01	0.03	G423662	AA26D
14-Mar-12	KBDD12198	KM12041666	KS-5	0.01	0.01	G423682	AA26A
14-Mar-12	KBDD12198	KM12041666	KS-5	0.01	0.01	G423682	AA26D
14-Mar-12	KBDD12198	KM12041666	KS-5	0.01	0.01	G423682	AA26D4
14-Mar-12	KBDD12198	KM12041666	KS-5	0.01	0.01	G423682	AA26T
14-Mar-12	KBDD12199	KM12041666	KS-5	0.01	0.01	G423953	AA26A
14-Mar-12	KBDD12199	KM12041666	KS-5	0.01	0.01	G423953	AA26D
14-Mar-12	KBDD12199	KM12041666	KS-5	0.01	0.01	G423953	AA26D4
14-Mar-12	KBDD12199	KM12041666	KS-5	0.01	0.01	G423953	AA26T
14-Mar-12	KBDD12199	KM12041666	KS-5	0.01	0.01	G423968	AA26A
14-Mar-12	KBDD12199	KM12041666	KS-5	0.01	0.01	G423968	AA26D
14-Mar-12	KBDD12199	KM12041666	KS-5	0.01	0.01	G423968	AA26D4
14-Mar-12	KBDD12199	KM12041666	KS-5	0.01	0.01	G423968	AA26T
14-Mar-12	KBDD12199	KM12041666	KS-5	0.01	0.01	G423984	AA26A
14-Mar-12	KBDD12199	KM12041666	KS-5	0.01	0.01	G423984	AA26D
14-Mar-12	KBDD12199	KM12041666	KS-5	0.01	0.01	G423984	AA26D4
14-Mar-12	KBDD12199	KM12041666	KS-5	0.01	0.01	G423984	AA26T
20-Mar-12	ADRS003	KM12033244	KS-5	0.01	0.01	G484690	AA26
20-Mar-12	ADRS003	KM12033244	KS-5	0.01	0.01	G484710	AA26
20-Mar-12	ADRS003	KM12033244	KS-5	0.01	0.01	G484730	AA26
20-Mar-12	ADRS003_V_12_3	KM12033244	KS-5	0.01	0.01	G484750	AA26
20-Mar-12	ADRS003_V_37	KM12033244	KS-5	0.01	0.01	G484770	AA26
20-Mar-12	ADRS004	KM12033244	KS-5	0.01	0.01	G484790	AA26
20-Mar-12	TAD024	KM12033244	KS-5	0.01	0.01	G484590	AA26
20-Mar-12	TAD024_V_56_5	KM12033244	KS-5	0.01	0.01	G484610	AA26
20-Mar-12	TAD025	KM12033244	KS-5	0.01	0.01	G484630	AA26
20-Mar-12	TAD025	KM12033244	KS-5	0.01	0.01	G484650	AA26
20-Mar-12	TAD025	KM12033244	KS-5	0.01	0.01	G484670	AA26
21-Mar-12	KBDD12198	KM12042740	KS-5	0.01	0.01	G423743	AA26
21-Mar-12	KBDD12198	KM12042740	KS-5	0.01	0.01	G423762	AA26
21-Mar-12	KBDD12198	KM12042740	KS-5	0.01	0.01	G423783	AA26
21-Mar-12	KBDD12198	KM12042740	KS-5	0.01	0.01	G423803	AA26

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21-Mar-12	KBDD12198	KM12042740	KS-5	0.01	0.01	G423826	AA26
21-Mar-12	KBDD12198	KM12042740	KS-5	0.01	0.01	G423846	AA26
21-Mar-12	KBDD12198	KM12042740	KS-5	0.01	0.01	G423869	AA26
21-Mar-12	KBDD12198	KM12042740	KS-5	0.01	0.01	G423889	AA26
21-Mar-12	KBDD12198	KM12042740	KS-5	0.01	0.01	G423912	AA26
21-Mar-12	KBDD12198	KM12042740	KS-5	0.01	0.01	G423932	AA26
22-Mar-12	KBDD12194	KM12036862	KS-5	0.01	0.01	G423305	AA26A
22-Mar-12	KBDD12194	KM12036862	KS-5	0.01	0.01	G423305	AA26D
22-Mar-12	KBDD12194	KM12036862	KS-5	0.01	0.01	G423305	AA26D4
22-Mar-12	KBDD12194	KM12036862	KS-5	0.01	0.01	G423305	AA26T
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419252	AA26A
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419252	AA26D
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419252	AA26D4
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419252	AA26T
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419270	AA26A
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419270	AA26D
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419270	AA26D4
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419270	AA26T
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419295	AA26A
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419295	AA26D
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419295	AA26D4
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419295	AA26T
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419307	AA26A
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419307	AA26D
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419307	AA26D4
22-Mar-12	KBDD12202	KM12053935	KS-6	0.01	0.01	G419307	AA26T
22-Mar-12	KBDD12205	KM12047516	KS-5	0.01	0.01	G418718	AA26A
22-Mar-12	KBDD12205	KM12047516	KS-5	0.01	0.01	G418718	AA26D
22-Mar-12	KBDD12205	KM12047516	KS-5	0.01	0.01	G418718	AA26D4
22-Mar-12	KBDD12205	KM12047516	KS-5	0.01	0.01	G418718	AA26T
22-Mar-12	KBDD12205	KM12047516	KS-5	0.01	0.01	G418729	AA26A
22-Mar-12	KBDD12205	KM12047516	KS-5	0.01	0.01	G418729	AA26D
22-Mar-12	KBDD12205	KM12047516	KS-5	0.01	0.01	G418729	AA26D4
22-Mar-12	KBDD12205	KM12047516	KS-5	0.01	0.01	G418729	AA26T
22-Mar-12	KBDD12206	KM12053935	KS-6	0.01	0.01	G419077	AA26A
22-Mar-12	KBDD12206	KM12053935	KS-6	0.01	0.01	G419077	AA26D
22-Mar-12	KBDD12206	KM12053935	KS-6	0.01	0.01	G419077	AA26D4
22-Mar-12	KBDD12206	KM12053935	KS-6	0.01	0.01	G419077	AA26T
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422790	AA26A
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422790	AA26D
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422790	AA26T
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.02	G422790	AA26D4
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422811	AA26A
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422811	AA26D
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422811	AA26D4

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23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422811	AA26T
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422832	AA26A
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422832	AA26D
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422832	AA26D4
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422832	AA26T
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422848	AA26A
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422848	AA26D
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422848	AA26D4
23-Mar-12	KBDD12192	KM12034448	KS-5	0.01	0.01	G422848	AA26T
23-Mar-12	KBDD12195	KM12034448	KS-5	0.01	0.01	G423424	AA26A
23-Mar-12	KBDD12195	KM12034448	KS-5	0.01	0.01	G423424	AA26D
23-Mar-12	KBDD12195	KM12034448	KS-5	0.01	0.01	G423424	AA26D4
23-Mar-12	KBDD12195	KM12034448	KS-5	0.01	0.01	G423424	AA26T
23-Mar-12	KBDD12195	KM12034448	KS-5	0.01	0.01	G423434	AA26A
23-Mar-12	KBDD12195	KM12034448	KS-5	0.01	0.01	G423434	AA26D
23-Mar-12	KBDD12195	KM12034448	KS-5	0.01	0.01	G423434	AA26D4
23-Mar-12	KBDD12195	KM12034448	KS-5	0.01	0.01	G423434	AA26T
24-Mar-12	KBDD12201	KM12047510	KS-5	0.01	0.01	G418245	AA26A
24-Mar-12	KBDD12201	KM12047510	KS-5	0.01	0.01	G418245	AA26D
24-Mar-12	KBDD12201	KM12047510	KS-5	0.01	0.01	G418245	AA26D4
24-Mar-12	KBDD12201	KM12047510	KS-5	0.01	0.05	G418245	AA26T
24-Mar-12	KBDD12201	KM12047510	KS-5	0.01	0.01	G418369	AA26A
24-Mar-12	KBDD12201	KM12047510	KS-5	0.01	0.01	G418369	AA26D
24-Mar-12	KBDD12201	KM12047510	KS-5	0.01	0.01	G418369	AA26D4
24-Mar-12	KBDD12201	KM12047510	KS-5	0.01	0.01	G418369	AA26T
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418409	AA26A
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418409	AA26D
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418409	AA26D4
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.05	G418409	AA26T
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418425	AA26A
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418425	AA26D
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418425	AA26D4
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418425	AA26T
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418445	AA26A
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418445	AA26D
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418445	AA26D4
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418445	AA26T
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418460	AA26A
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418460	AA26D
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418460	AA26D4
24-Mar-12	KBDD12203	KM12047510	KS-5	0.01	0.01	G418460	AA26T
24-Mar-12	KBDD12205	KM12047510	KS-5	0.01	0.01	G418754	AA26A
24-Mar-12	KBDD12205	KM12047510	KS-5	0.01	0.01	G418754	AA26D
24-Mar-12	KBDD12205	KM12047510	KS-5	0.01	0.01	G418754	AA26D4
24-Mar-12	KBDD12205	KM12047510	KS-5	0.01	0.01	G418754	AA26T

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24-Mar-12	KBDD12205	KM12047510	KS-5	0.01	0.01	G418772	AA26A
24-Mar-12	KBDD12205	KM12047510	KS-5	0.01	0.01	G418772	AA26D
24-Mar-12	KBDD12205	KM12047510	KS-5	0.01	0.01	G418772	AA26D4
24-Mar-12	KBDD12205	KM12047510	KS-5	0.01	0.01	G418772	AA26T
24-Mar-12	KBDD12205	KM12047510	KS-5	0.01	0.01	G418795	AA26A
24-Mar-12	KBDD12205	KM12047510	KS-5	0.01	0.01	G418795	AA26D
24-Mar-12	KBDD12205	KM12047510	KS-5	0.01	0.01	G418795	AA26D4
24-Mar-12	KBDD12205	KM12047510	KS-5	0.01	0.01	G418795	AA26T
25-Mar-12	KBDD12190	KM12033246	KS-5	0.01	0.01	G422380	AA26A
25-Mar-12	KBDD12190	KM12033246	KS-5	0.01	0.01	G422380	AA26D
25-Mar-12	KBDD12190	KM12033246	KS-5	0.01	0.01	G422380	AA26D4
25-Mar-12	KBDD12190	KM12033246	KS-5	0.01	0.01	G422380	AA26T
25-Mar-12	KBDD12191	KM12033246	KS-5	0.01	0.01	G422637	AA26A
25-Mar-12	KBDD12191	KM12033246	KS-5	0.01	0.01	G422637	AA26D
25-Mar-12	KBDD12191	KM12033246	KS-5	0.01	0.01	G422637	AA26D4
25-Mar-12	KBDD12191	KM12033246	KS-5	0.01	0.01	G422637	AA26T
25-Mar-12	KBDD12191	KM12033246	KS-5	0.01	0.01	G422658	AA26A
25-Mar-12	KBDD12191	KM12033246	KS-5	0.01	0.01	G422658	AA26D
25-Mar-12	KBDD12191	KM12033246	KS-5	0.01	0.01	G422658	AA26D4
25-Mar-12	KBDD12191	KM12033246	KS-5	0.01	0.01	G422658	AA26T
25-Mar-12	KBDD12191	KM12033246	KS-5	0.01	0.01	G422680	AA26A
25-Mar-12	KBDD12191	KM12033246	KS-5	0.01	0.01	G422680	AA26D
25-Mar-12	KBDD12191	KM12033246	KS-5	0.01	0.01	G422680	AA26D4
25-Mar-12	KBDD12191	KM12033246	KS-5	0.01	0.01	G422680	AA26T
2-Jul-12	TKB122	KM12006130	KS-5	0.01	0.01	G485270	AA26
2-Jul-12	TKB122_V_103_5	KM12006130	KS-5	0.01	0.01	G485330	AA26
2-Aug-12	TKB121	KM11269401	KS-5	0.01	0.01	G485110	AA26
2-Aug-12	TKB121	KM11269401	KS-5	0.01	0.01	G485130	AA26
2-Aug-12	TKB121	KM11269401	KS-5	0.01	0.01	G485150	AA26
2-Aug-12	TKB121	KM11269401	KS-5	0.01	0.01	G485170	AA26
2-Aug-12	TKB122	KM11269401	KS-5	0.01	0.01	G485190	AA26
2-Aug-12	TKB122	KM11269401	KS-5	0.01	0.01	G485210	AA26
2-Aug-12	TKB122	KM11269401	KS-5	0.01	0.01	G485230	AA26

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11 Mar 10	KBDD10070	KM10146995	KS-1	0.01	0.01	G370259A	SCR22plu
11 Mar 10	KBDD10070	KM10146995	KS-1	0.01	0.01	G370259A	SCRAA26
11 Mar 10	KBDD10070	KM10146995	KS-1	0.01	0.01	G370259A	SCRAA26D
11 Mar 10	KBDD10085	KM10146995	KS-1	0.01	0.01	G371267A	SCR22plu
11 Mar 10	KBDD10085	KM10146995	KS-1	0.01	0.01	G371267A	SCRAA26
11 Mar 10	KBDD10085	KM10146995	KS-1	0.01	0.01	G371267A	SCRAA26D
11 Mar 10	KBDD10086	KM10146995	KS-1	0.01	0.01	G371586A	SCRAA26
11 Mar 10	KBDD10086	KM10146995	KS-1	0.01	0.01	G371586A	SCRAA26D
11 Mar 10	KBDD10086	KM10146995	KS-1	0.01	0.02	G371586A	SCR22plu

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22 Dec 10	KBDD10090	KM10184950	KS-1	0.01	0.01	G372022A	SCRAA26
22 Dec 10	KBDD10090	KM10184950	KS-1	0.01	0.01	G372022A	SCRAA26D
22 Dec 10	KBDD10090	KM10184950	KS-1	0.01	0.02	G372022A	SCR22plu
22 Dec 10	KBDD10091	KM10184950	KS-1	0.01	0.01	G372213A	SCRAA26
22 Dec 10	KBDD10091	KM10184950	KS-1	0.01	0.01	G372213A	SCRAA26D
22 Dec 10	KBDD10091	KM10184950	KS-1	0.01	0.03	G372213A	SCR22plu
2 Feb 11	KBDD10098	KM11011728	KS-1	0.01	0.01	G373308A	SCR22plu
2 Feb 11	KBDD10098	KM11011728	KS-1	0.01	0.01	G373308A	SCRAA26
2 Feb 11	KBDD10098	KM11011728	KS-1	0.01	0.01	G373308A	SCRAA26D
2 Feb 11	KBDD10101	KM11011729	KS-1	0.01	0.02	G471339A	SCR22plu
2 Feb 11	KBDD10101	KM11011729	KS-1	0.01	0.02	G471339A	SCRAA26
2 Feb 11	KBDD10101	KM11011729	KS-1	0.01	0.04	G471339A	SCRAA26D
2 Feb 11	KBDD10101	KM11011729	KS-1	0.01	0.05	G471346A	SCRAA26D
2 Feb 11	KBDD10101	KM11011729	KS-1	0.01	0.07	G471346A	SCRAA26
2 Feb 11	KBDD10101	KM11011729	KS-1	0.01	0.21	G471346A	SCR22plu
9-Apr-11	KBDD11105	KM11104687	KS-2	0.01	0.01	G472069	SCRAA26
9-Apr-11	KBDD11105	KM11104687	KS-2	0.01	0.01	G472069	SCRAA26D
9-Apr-11	KBDD11105	KM11104687	KS-2	0.01	0.05	G472069	SCR22plu
9-Apr-11	KBDD11105	KM11104687	KS-2	0.01	0.01	G472089	SCR22plu
9-Apr-11	KBDD11105	KM11104687	KS-2	0.01	0.01	G472089	SCRAA26
9-Apr-11	KBDD11105	KM11104687	KS-2	0.01	0.01	G472089	SCRAA26D
9-Apr-11	KBDD11107	KM11104687	KS-2	0.01	0.01	G472370	SCR22plu
9-Apr-11	KBDD11107	KM11104687	KS-2	0.01	0.01	G472370	SCRAA26D
9-Apr-11	KBDD11107	KM11104687	KS-2	0.01	0.02	G472370	SCRAA26
9-Apr-11	KBDD11108	KM11104687	KS-2	0.01	0.01	G472709	SCRAA26
9-Apr-11	KBDD11108	KM11104687	KS-2	0.01	0.01	G472709	SCRAA26D
9-Apr-11	KBDD11108	KM11104687	KS-2	0.01	0.03	G472709	SCR22plu
9-Apr-11	KBDD11108	KM11104687	KS-2	0.01	0.01	G472729	SCR22plu
9-Apr-11	KBDD11108	KM11104687	KS-2	0.01	0.01	G472729	SCRAA26
9-Apr-11	KBDD11108	KM11104687	KS-2	0.01	0.01	G472729	SCRAA26D
9-Apr-11	KBDD11108	KM11104687	KS-2	0.01	0.01	G472789	SCRAA26
9-Apr-11	KBDD11108	KM11104687	KS-2	0.01	0.01	G472789	SCRAA26D
9-Apr-11	KBDD11108	KM11104687	KS-2	0.01	0.05	G472789	SCR22plu
9-May-11	KBDD11108	KM11112154	KS-2	0.01	0.01	G472810	SCRAA26
9-May-11	KBDD11108	KM11112154	KS-2	0.01	0.01	G472810	SCRAA26D
9-May-11	KBDD11108	KM11112154	KS-2	0.01	0.02	G472810	SCR22plu
9-May-11	KBDD11108	KM11112154	KS-2	0.01	0.01	G472830	SCR22plu
9-May-11	KBDD11108	KM11112154	KS-2	0.01	0.01	G472830	SCRAA26
9-May-11	KBDD11108	KM11112154	KS-2	0.01	0.01	G472830	SCRAA26D
9-May-11	KBDD11110	KM11112154	KS-2	0.01	0.01	G473309	SCRAA26
9-May-11	KBDD11110	KM11112154	KS-2	0.01	0.01	G473309	SCRAA26D
9-May-11	KBDD11110	KM11112154	KS-2	0.01	0.03	G473309	SCR22plu
9-May-11	KBDD11110	KM11112154	KS-2	0.01	0.01	G473330	SCRAA26
9-May-11	KBDD11110	KM11112154	KS-2	0.01	0.01	G473350	SCRAA26
9-May-11	KBDD11110	KM11112154	KS-2	0.01	0.01	G473350	SCRAA26D

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9-May-11	KBDD11110	KM11112154	KS-2	0.01	0.06	G473350	SCR22plu
9-May-11	KBDD11111	KM11112154	KS-2	0.01	0.01	G473569	SCRAA26
9-May-11	KBDD11111	KM11112154	KS-2	0.01	0.01	G473569	SCRAA26D
9-May-11	KBDD11111	KM11112154	KS-2	0.01	0.02	G473569	SCR22plu
9-May-11	KBDD11111	KM11112154	KS-2	0.01	0.01	G473608	SCR22plu
9-May-11	KBDD11111	KM11112154	KS-2	0.01	0.01	G473608	SCRAA26
9-May-11	KBDD11111	KM11112154	KS-2	0.01	0.01	G473608	SCRAA26D
9-May-11	KBDD11112	KM11112154	KS-2	0.01	0.01	G473807	SCR22plu
9-May-11	KBDD11112	KM11112154	KS-2	0.01	0.02	G473807	SCRAA26
9-May-11	KBDD11112	KM11112154	KS-2	0.01	0.02	G473807	SCRAA26D
9-May-11	KBDD11112	KM11112154	KS-2	0.01	0.01	G473829	SCRAA26
9-May-11	KBDD11112	KM11112154	KS-2	0.01	0.06	G473829	SCRAA26D
9-May-11	KBDD11112	KM11112154	KS-2	0.01	2.92	G473829	SCR22plu
9-May-11	KBDD11112	KM11112154	KS-2	0.01	0.01	G473870	SCRAA26D
9-May-11	KBDD11112	KM11112154	KS-2	0.01	0.02	G473870	SCRAA26
9-May-11	KBDD11112	KM11112154	KS-2	0.01	0.03	G473870	SCR22plu
26-Aug-11	KBDD11117	KM11121539	KS-2	0.01	0.01	G474646	SCR22plu
26-Aug-11	KBDD11117	KM11121539	KS-2	0.01	0.01	G474646	SCRAA26
26-Aug-11	KBDD11117	KM11121539	KS-2	0.01	0.01	G474646	SCRAA26D
26-Aug-11	KBDD11117	KM11121539	KS-2	0.01	0.01	G474669	SCRAA26
26-Aug-11	KBDD11117	KM11121539	KS-2	0.01	0.01	G474669	SCRAA26D
26-Aug-11	KBDD11117	KM11121539	KS-2	0.01	0.02	G474669	SCR22plu
30-Aug-11	KBDD11113	KM11121538	KS-2	0.01	0.06	G474072	SCRAA26
30-Aug-11	KBDD11113	KM11121538	KS-2	0.01	0.09	G474072	SCR22plu
30-Aug-11	KBDD11113	KM11121538	KS-2	0.01	0.13	G474072	SCRAA26D
30-Aug-11	KBDD11113	KM11121538	KS-2	0.01	0.09	G474089	SCRAA26
30-Aug-11	KBDD11113	KM11121538	KS-2	0.01	0.01	G474107	SCRAA26
30-Aug-11	KBDD11113	KM11121538	KS-2	0.01	0.02	G474107	SCR22plu
30-Aug-11	KBDD11113	KM11121538	KS-2	0.01	0.02	G474107	SCRAA26D
30-Aug-11	KBDD11114	KM11121538	KS-2	0.01	0.02	G474189	SCR22plu
30-Aug-11	KBDD11114	KM11121538	KS-2	0.01	0.02	G474189	SCRAA26
30-Aug-11	KBDD11114	KM11121538	KS-2	0.01	0.04	G474189	SCRAA26D
30-Aug-11	KBDD11114	KM11121538	KS-2	0.01	0.01	G474206	SCRAA26D
30-Aug-11	KBDD11114	KM11121538	KS-2	0.01	0.02	G474206	SCR22plu
30-Aug-11	KBDD11114	KM11121538	KS-2	0.01	0.02	G474206	SCRAA26
30-Aug-11	KBDD11114	KM11121538	KS-2	0.01	0.01	G474229	SCRAA26
30-Aug-11	KBDD11114	KM11121538	KS-2	0.01	0.01	G474229	SCRAA26D
30-Aug-11	KBDD11114	KM11121538	KS-2	0.01	0.02	G474229	SCR22plu
30-Aug-11	KBDD11115	KM11121538	KS-2	0.01	0.01	G474546	SCR22plu
30-Aug-11	KBDD11115	KM11121538	KS-2	0.01	0.01	G474546	SCRAA26
30-Aug-11	KBDD11115	KM11121538	KS-2	0.01	0.01	G474546	SCRAA26D
30-Aug-11	KBDD11116	KM11121538	KS-2	0.01	0.01	G474330	SCRAA26
30-Aug-11	KBDD11116	KM11121538	KS-2	0.01	0.01	G474330	SCRAA26D
30-Aug-11	KBDD11116	KM11121538	KS-2	0.01	0.10	G474330	SCR22plu

12 Appendix 3 - Time variation diagrams and summary of statistics: Xtra-Gold standards

LEGEND

1 Standard deviation from the recommended value

2 Standard deviations from the recommended value

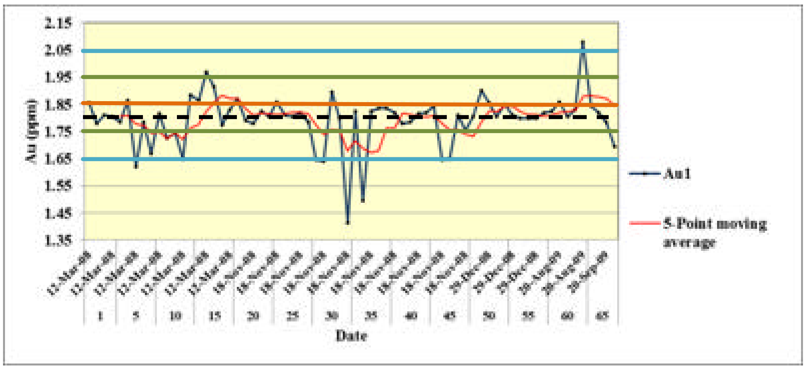
3 Standard deviations from the recommended value

Where the mean coincides with a standard deviation or recommended value line (Dashed)

Recommended value

Arithmetic mean

Fig. App.3/1 Time Variation Xtra-Gold Standard CDN-CM1 (AA24)



Recommended value: 1.85 ppm Au

Mean: 1.81 ppm Au

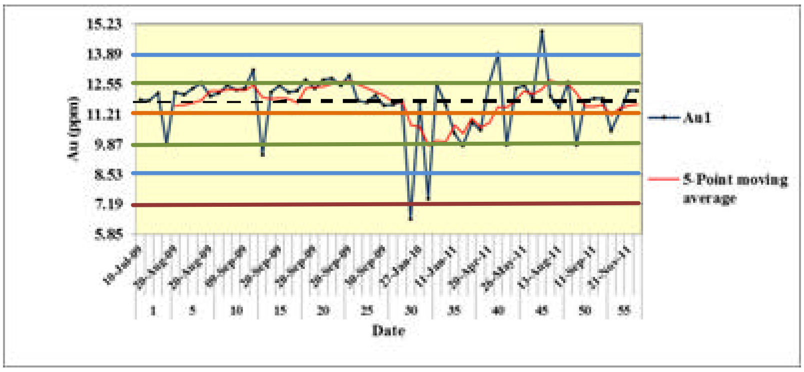
Standard deviation: 0.06

Precision: 6.6

Accuracy: -2.4

Date	Hole ID	Lab No	Std Code	Rec Value	Au1	SpleID	Method	Std Dev
20-Aug-09	KBRC09041	KM09088042	CDN-CM-1	1.85	2.08	G487058	AA24	3.29
18-Nov-08	KBD08004	KM08157365	CDN-CM-1	1.85	1.64	H800138	AA24	-3.00
18-Nov-08	KBD08006	KM08157369	CDN-CM-1	1.85	1.42	H800887	AA24	-6.21
18-Nov-08	KBD08006	KM08157369	CDN-CM-1	1.85	1.50	H800950	AA24	-5.07
18-Nov-08	KBD08007	KM08159341	CDN-CM-1	1.85	0.01	H801289	AA24	-26.26
12-Mar-08	KBD08014	KM08167141	CDN-CM-1	1.85	1.62	H802028	AA24	-3.29
12-Mar-08	KBD08015	KM08167142	CDN-CM-1	1.85	4.04	H802191	AA24	31.29
12-Mar-08	KBD08015	KM08167143	CDN-CM-1	1.85	0.64	H802269	AA24	-17.34

Fig. App. 3/2 Time Variation Xtra-Gold Standard CDN-GS-11A (GRA 22)



Recommended value: 11.21 ppm Au

Mean: 11.84 ppm Au

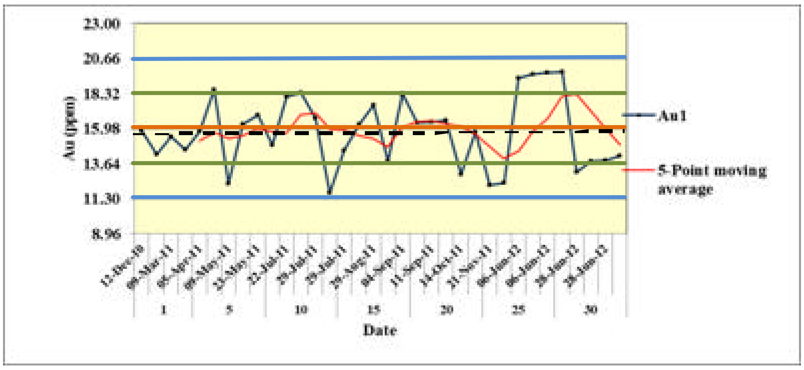
Standard deviation: 0.88

Precision: 14.9

Accuracy: +5.6

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std Dev
09-Jun-11	KBDD11142	KM11129324	CDN-GS-11A	11.21	14.90	G469229	GRA22	4.56
20-May-11	KBDD11110	KM11054607	CDN-GS-11A	11.21	13.90	G473280	GRA22	3.32
27-Jan-10	KBD08004	KM09146087	CDN-GS-11A	11.21	6.55	G490007	GRA22	-5.75
27-Jan-10	KBRC09047	KM09146087	CDN-GS-11A	11.21	7.44	G490094	GRA22	-4.65

Fig. App. 3/3 Time Variation Xtra-Gold Standard CDN-GS-15B (GRA 22/AA26)



Recommended value: 15.98 ppm Au

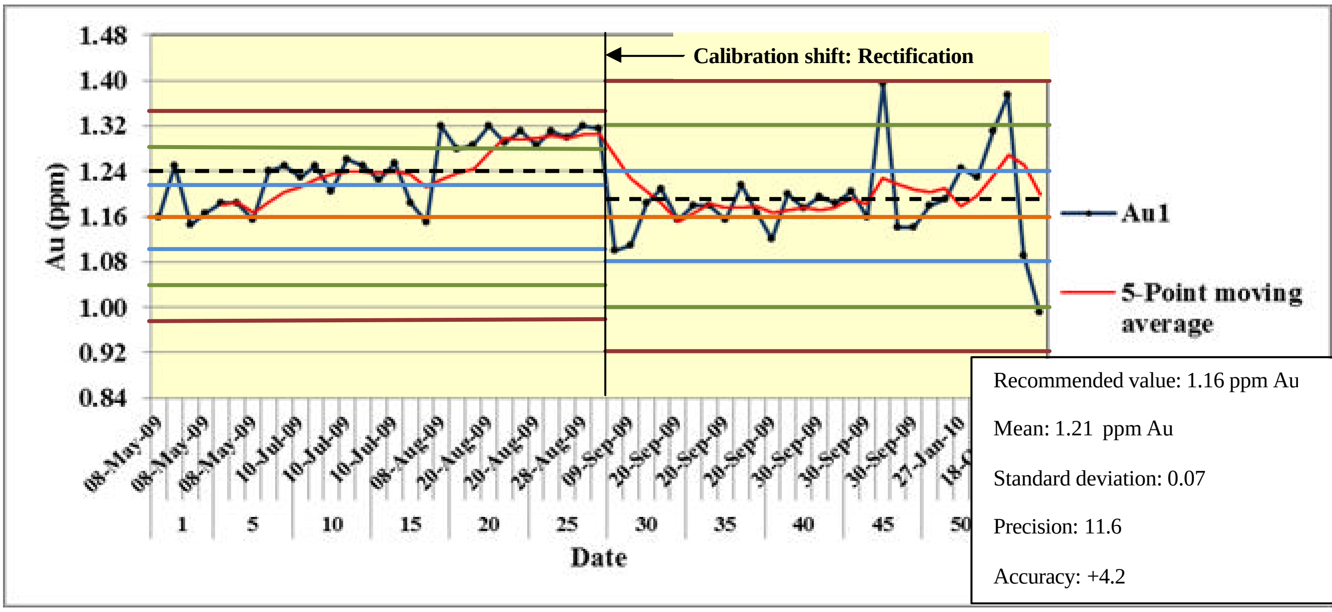
Mean: 15.77 ppm Au

Standard deviation: 2.34

Precision: 31.5

Accuracy: -1.3

Fig. App 3/4 Time Variation Xtra-Gold Standard CDN-GS-1E (AA24)



Recommended value: 1.16 ppm Au

Mean: 1.21 ppm Au

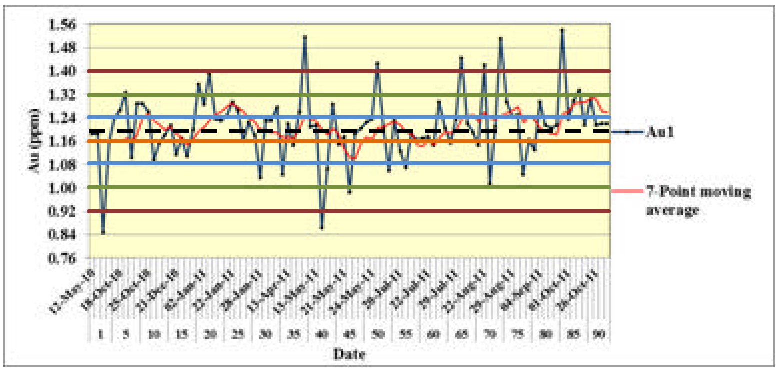
Standard deviation: 0.07

Precision: 11.6

Accuracy: +4.2

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std Dev
22-Jul-09	KBRC09020	KM09070671	CDN-GS-1E	1.16	0.00	H803626	AA24	-19.29
31-Dec-10	KBDD10088	KM10183625	CDN-GS-1E	1.16	0.00	G373178	AA24	-19.29
18-Oct-10	KBDD10071	KM10145779	CDN-GS-1E	1.16	1.38	G370372	AA24	3.58
30-Sep-09	KBRC09060	KM09103353	CDN-GS-1E	1.16	1.40	G489076	AA24	3.92

Fig. App 3/5 Time variation Xtra-Gold CDN-GS1F (AA24)



Recommended value: 1.16 ppm Au

Mean: 1.21 ppm Au

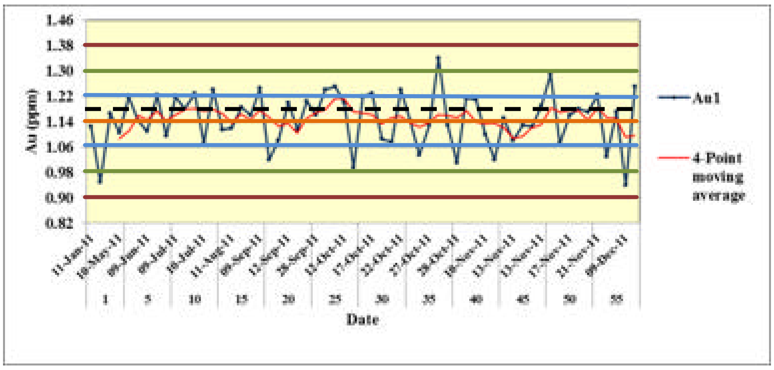
Standard deviation: 0.08

Precision: 13.2

Accuracy: +4.0

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std Dev
12-Oct-10	KBDD10090	KM10175848	CDN-GS-1F	1.16	0.85	G372120	AA24	-3.47
12-Nov-10	KBDD10090	KM10175847	CDN-GS-1F	1.16	5.38	G371986	AA24	46.89
02-May-11	KBDD10078	KM10183774	CDN-GS-1F	1.16	1.52	G374578	AA24	3.94
13-May-11	KBDD10102	KM11012802	CDN-GS-1F	1.16	0.86	G471538	AA24	-3.29
29-Jul-11	KBDD11138	KM11099604	CDN-GS-1F	1.16	1.45	G467679	AA24	3.17
29-Aug-11	KBDD11118	KM11060288	CDN-GS-1F	1.16	1.51	G474979	AA24	3.89
01-Oct-11	KBDD10098	KM10183628	CDN-GS-1F	1.16	1.54	G373287	AA24	4.22
22-Oct-11	KBDD11131	KM11093251	CDN-GS-1F	1.16	3.80	G478120	AA24	29.33

Fig. App 3/6 Time variation Xtra-Gold CDN-GS1G (AA24)



Recommended value: 1.14 ppm Au

Mean: 1.15 ppm Au

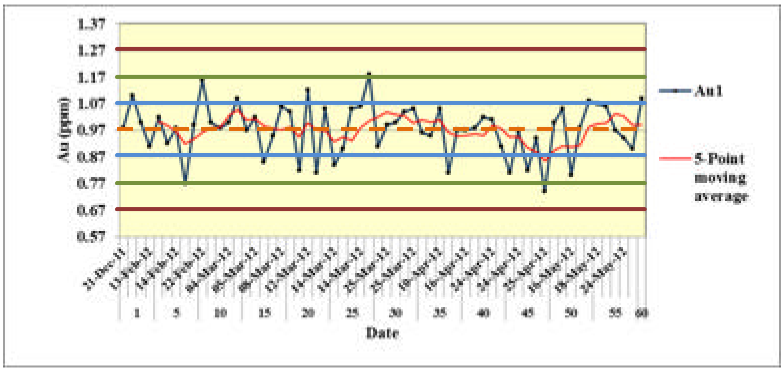
Standard deviation: 0.08

Precision: 14.6

Accuracy: +0.7

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std Dev
10-May-11	KBDD11148	KM11162081	CDN-GS-1G	1.14	0.00	G383377	AA24	-14.22
10-Jul-11	KBDD11147	KM11162083	CDN-GS-1G	1.14	0.53	G383054	AA24	-7.59
03-Jan-12	KBDD12188	KM12029607	CDN-GS-1G	1.14	0.74	G422197	AA26	-5.00
20-Feb-12	KBDD11175	KM11242909	CDN-GS-1G	1.14	0.01	G432423	AA24	-14.11
22-Feb-12	KBDD11175	KM11243070	CDN-GS-1G	1.14	0.83	G432530	AA24	-3.93

Fig. App. 3/7 Time variation Xtra-Gold CDN-GS1H (AA26)



Recommended value: 0.97 ppm Au

Mean: 0.97 ppm Au

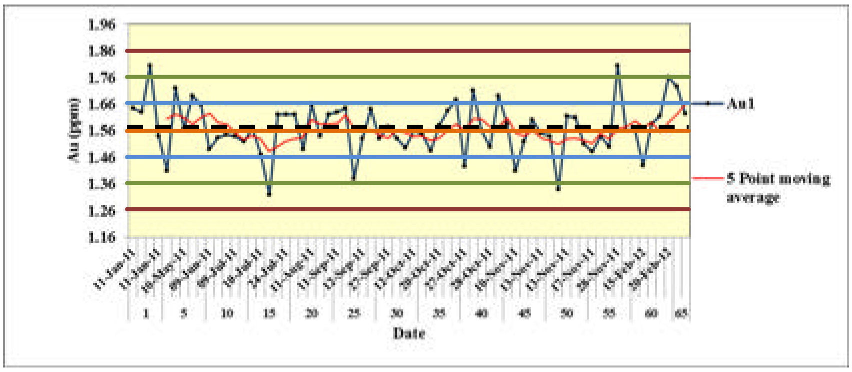
Standard deviation: 0.10

Precision: 19.8

Accuracy: Accurate

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std Dev
25-Feb-12	KBDD12189	KM12029608	CDN-GS-1H	0.97	1.22	G422335	AA26	3.10
12-Mar-12	KBDD12193	KM12036864	CDN-GS-1H	0.97	1.23	G423091	AA26	3.23
12-Mar-12	KBDD12196	KM12041669	CDN-GS-1H	0.97	1.30	G423523	AA26	4.10
08-May-12	KBDD12224	KM12087034	CDN-GS-1H	0.97	0.68	G428853	AA26	-3.65
18-May-12	KBDD12222	KM12081313	CDN-GS-1H	0.97	0.68	G428616	AA26	-3.65

Fig. App 3/8 Time variation Xtra-Gold CDN-GS1P5C (AA24)



Recommended value: 1.56 ppm Au

Mean: 1.57 ppm Au

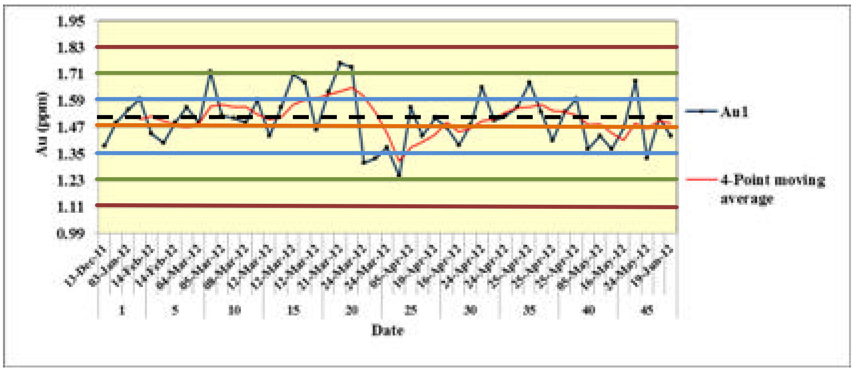
Standard deviation: 0.10

Precision: 12.6

Accuracy: +0.7

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std Dev
22-Oct-11	KBDD11159	KM11182633	CDN-GS-1P5C	1.56	0.87	G385836	AA24	-7.64
15-Feb-12	KBDD11174	KM11242908	CDN-GS-1P5C	1.56	0.88	G432148	AA24	-7.54

Fig. App 3/9 Time variation Xtra-Gold CDN-GS1P5D (AA26)



Recommended value: 1.47 ppm Au

Mean: 1.51 ppm Au

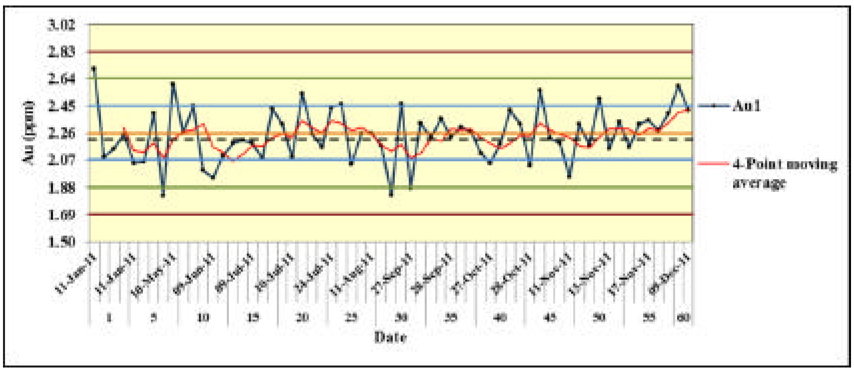
Standard deviation: 0.12

Precision: 15.8

Accuracy: +2.6

Date	HoleID	Lab No	Code	Rec val	Au1	SpleID	Method	Std Dev
25-Feb-12	KBDD12189	KM12029608	CDN-GS-1P5D	1.47	1.84	G422313	AA26	3.70
10-Apr-12	KBDD12201	KM12047513	CDN-GS-1P5D	1.47	1.08	G418206	AA26	-3.90
18-May-12	KBDD12222	KM12081313	CDN-GS-1P5D	1.47	1.02	G428572	AA26	-4.50
20-May-12	KBDD12219	KM12079273	CDN-GS-1P5D	1.47	1.02	G427347	AA26	-4.50

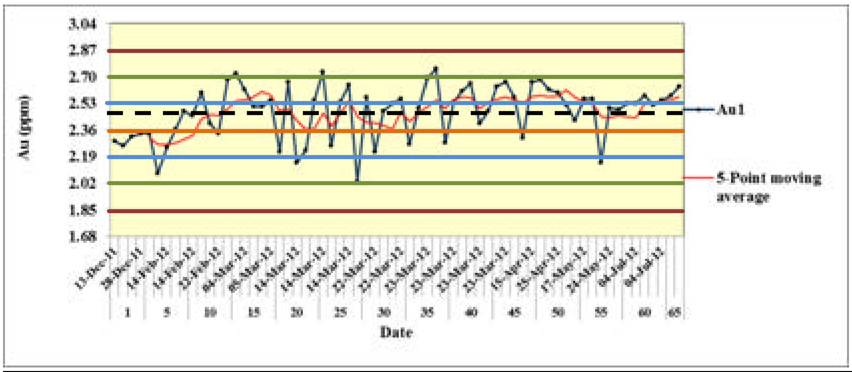
Fig. App 3/10 Time Variation Xtra-Gold Standard CDN-GS-2G (Analysis: A24)



Recommended value: 2.26 ppm Au Mean: 2.24 ppm Au Standard deviation: 0.19 Precision: 17.1 Accuracy: -0.7

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std Dev
24-Oct-11	KBDD11158	KM11182632	CDN-GS-2G	2.26	0.02	G385729	AA24	-12.46
22-Oct-11	KBDD11159	KM11182633	CDN-GS-2G	2.26	1.18	G385879	AA24	-6.03
10-Nov-11	KBDD11152	KM11168642	CDN-GS-2G	2.26	1.54	G384624	AA24	-4.03
09-Dec-11	KBDD11144	KM11140778	CDN-GS-2G	2.26	2.93	G469808	AA24	3.72

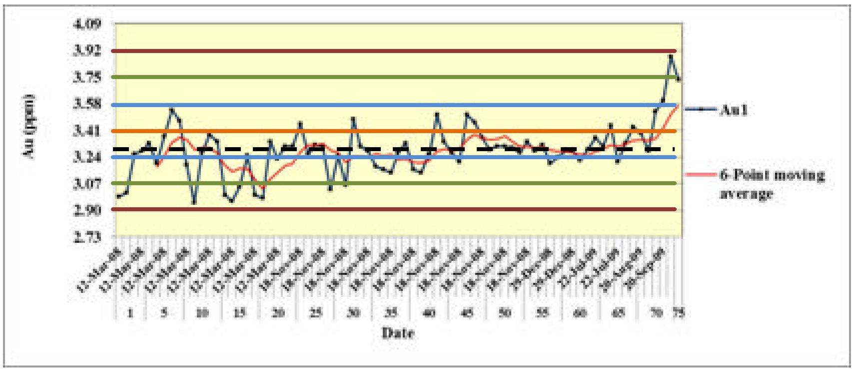
Fig. App 3/11 Time Variation Xtra-Gold Standard CDN-GS-2J (Analysis: A26)



Recommended value: 2.36 ppm Au Mean: 2.48 ppm Au Standard deviation: 0.17 Precision: 13.8 Accuracy: +5.0

Date	HoleID	Lab No	Code	Rec	Au1	SpleID	Method	Std Dev
12-Mar-12	KBDD12191	KM12033248	CDN-GS-2J	2.36	1.17	G422562	AA26	-7.44
14-Feb-12	KBDD11183	KM11269400	CDN-GS-2J	2.36	1.80	G420598	AA26	-3.50

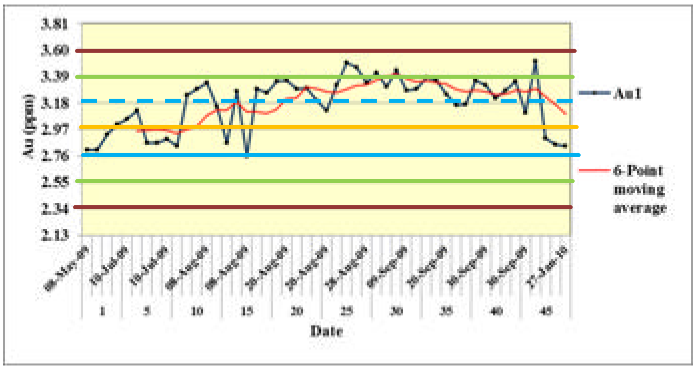
Fig. App 3/12 Time Variation Xtra-Gold Standard CDN-GS-3D (Analysis: A24)



Recommended value: 2.41 ppm Au Mean: 3.29 ppm Au Standard deviation: 0.57 Precision: 10.2 Accuracy: -3.6

Date	HoleID	LabNo	Code	Rec Val	Au1	SpleID	Method	Std Dev
20-Aug-09	KBRC0903	KM09086027	CDN-GS-3D	3.41	4.59	H804861	AA24	7.38
29-Dec-08	KBD08010	KM08176290	CDN-GS-3D	3.41	2.10	H803163	AA24	-8.19
19-Oct-10	KBDD1007	KM10145778	CDN-GS-3D	3.41	2.78	G370048	AA24	-3.94
08-May-09	KBRC0902	KM09073945	CDN-GS-3D	3.41	2.82	H803994	AA24	-3.69
12-Mar-08	KBD08018	KM08167145	CDN-GS-3D	3.41	2.84	H802772	AA24	-3.56
12-Mar-08	KBD08018	KM08167145	CDN-GS-3D	3.41	2.88	H802803	AA24	-3.31

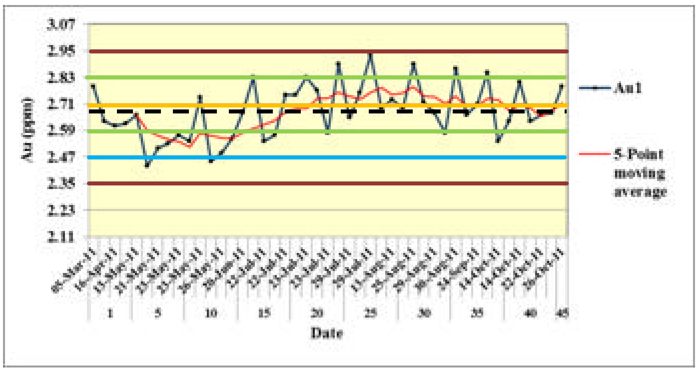
Fig. App 3/13 Time Variation Xtra-Gold Standard CDN-GS-3E (Analysis: A24)



Recommended value: 2.97 ppm Au
Mean: 3.18 ppm Au
Standard deviation: 0.21
Precision: 13.6
Accuracy: 7.0

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std Dev
30-Sep-09	KBRC09061	KM09103353	CDN-GS-3E	2.97	7.56	G489138	AA24	22.95
20-Aug-09	KBRC09038	KM09088040	CDN-GS-3E	2.97	2.17	G486689	AA24	-4.00

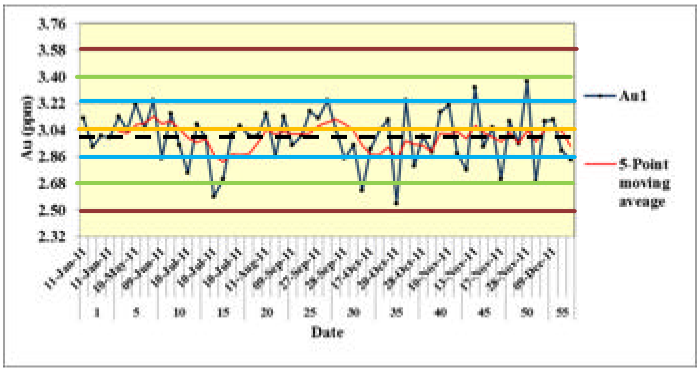
Fig. App 3/14 Time Variation Xtra-Gold Standard CDN-GS-3G (Analysis: A24)



Recommended value: 2.59 ppm Au
Mean: 2.68 ppm Au
Standard deviation: 0.12
Precision: 9.4
Accuracy: +3.3

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std Dev
24-May-11	KBDD11109	KM11054606	CDN-GS-3G	2.59	3.01	G473038	AA24	3.50
29-Aug-11	KBDD11118	KM11060288	CDN-GS-3G	2.59	3.05	G474940	AA24	3.83
29-Jul-11	KBDD11138	KM11099604	CDN-GS-3G	2.59	3.23	G467538	AA24	5.33
26-May-11	KBDD11115	KM11054874	CDN-GS-3G	2.59	2.95	G474398	AA24	3.00

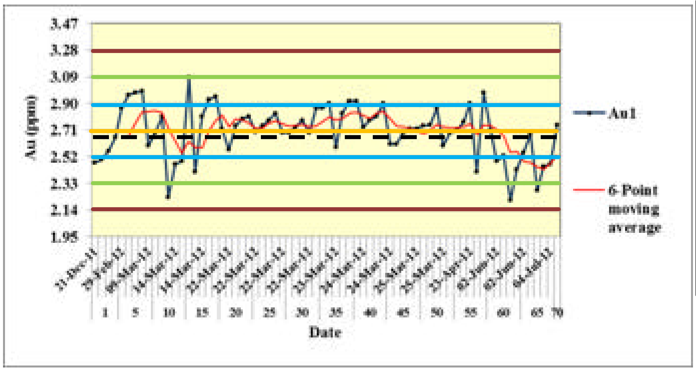
Fig. App 3/15 Time Variation Xtra-Gold Standard CDN-GS-3H (Analysis: A24)



Recommended value: 3.04 ppm Au
Mean: 2.99 ppm Au
Standard deviation: 0.18
Precision: 12.1
Accuracy: -1.6

Date	HoleID	Batch	Code	Rec	Au1	SpleID	Method	Std
17-Nov-11	KBDD11160	KM11231372	CDN-GS-	3.04	3.95	G385944	AA24D	5.06
10-Nov-11	KBDD11153	KM11168642	CDN-GS-	3.04	4.61	G384797	AA24	8.72
24-Jul-11	KBDD11144	KM11138246	CDN-GS-	3.04	0.00	G382110	AA24	-
20-Feb-12	KBDD11175	KM11242909	CDN-GS-	3.04	1.31	G432466	AA24	-9.61
10-Jul-11	KBDD11147	KM11162084	CDN-GS-	3.04	2.28	G383140	AA24	-4.22
10-May-11	KBDD11146	KM11148263	CDN-GS-	3.04	2.30	G382861	AA24	-4.11
17-Oct-11	KBDD11154	KM11176005	CDN-GS-	3.04	2.48	G385098	AA24	-3.11

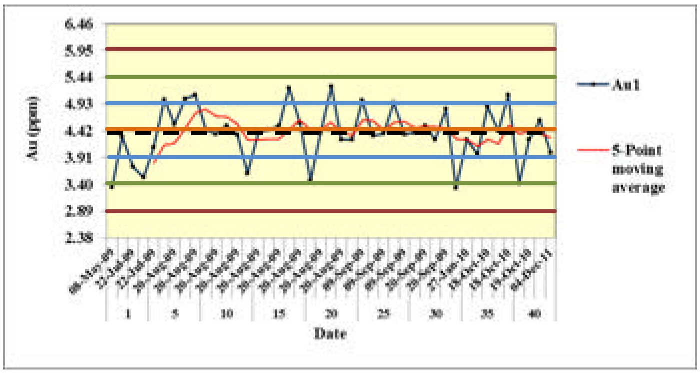
Fig. App 3/15 Time Variation Xtra-Gold Standard CDN-GS-3J (Analysis: A26)



Recommended value: 2.71 ppm Au
Mean: 2.70 ppm Au
Standard deviation: 0.19
Precision: 13.8
Accuracy: -0.3

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std
02-Jun-12	KBDD11183	KM11269403	CDN-GS-3J	2.71	1.63	G420445	AA26D	-5.68
02-Jun-12	KBDD11183	KM11269403	CDN-GS-3J	2.71	2.10	G420445	AA26A	-3.21
09-Mar-12	KBDD11184	KM11271425	CDN-GS-3J	2.71	3.39	G420933A	AA26T	3.58
21-Dec-11	KBDD11179	KM11253990	CDN-GS-3J	2.71	2.14	G432981	AA26D4	-3.00

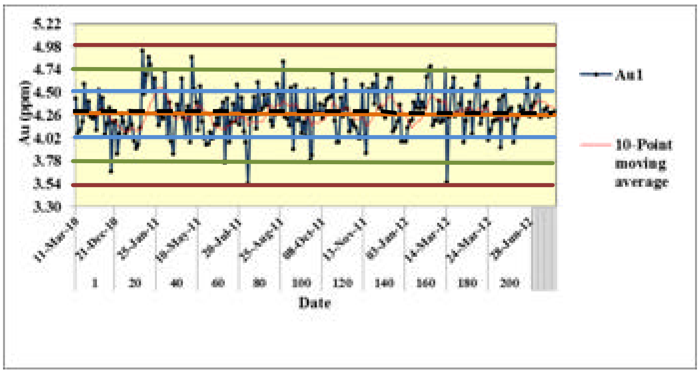
Fig. App 3/16 Time Variation Xtra-Gold Standard CDN-GS-4A (Analysis: A26)



Recommended value: 4.42 ppm Au
Mean: 4.37 ppm Au
Standard deviation: 0.51
Precision: 23.5
Accuracy: -1.1

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std
08-May-09	KBRC09024	KM09073946	CDN-GS-4A	4.42	0.00	H804078	AA24	-10.77
19-Oct-10	KBDD10070	KM10145778	CDN-GS-4A	4.42	2.44	G370194	AA24	-4.83

Fig. App3/17 Time Variation Xtra-Gold Standard CDN-GS-4C (Analysis: AA24)

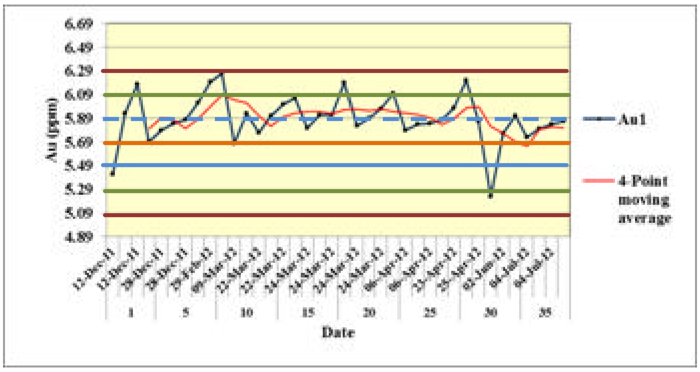


Recommended value: 4.26 ppm Au
Mean: 4.28 ppm Au
Standard deviation: 0.24
Precision: 11.3
Accuracy: +0.5

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std
27-Oct-10	KBDD10086	KM10146993	CDN-GS-4C	4.26	0.84	G371452	AA24	-13.66
27-Jan-11	KBDD10098	KM10183776	CDN-GS-4C	4.26	5.04	G373307A	AA26	3.12
21-Jan-11	KBDD10089	KM10183771	CDN-GS-4C	4.26	5.03	G373978	AA24	3.08
02-Oct-11	KBDD10093	KM10184954	CDN-GS-4C	4.26	3.49	G374820	AA24	-3.08
28-Sep-11	KBDD11145	KM11148260	CDN-GS-4C	4.26	0.00	G382345	AA24	-17.03
10-Jul-11	KBDD11148	KM11162085	CDN-GS-4C	4.26	0.03	G383678	AA24	-16.92
12-Dec-11	KBDD11155	KM11257770	CDN-GS-4C	4.26	3.02	G385270A	AA26D	-4.96
02-Jun-12	KBDD11183	KM11269403	CDN-GS-4C	4.26	3.40	G420458	AA26A	-3.44
14-Feb-12	KBDD11183	KM11269400	CDN-GS-4C	4.26	3.38	G420559	AA26	-3.52

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std
22-Feb-12	KBDD11175	KM11243070	CDN-GS-4C	4.26	3.27	G432509	AA24	-3.96
09-Dec-11	KBDD11144	KM11140778	CDN-GS-4C	4.26	3.46	G469851	AA24	-3.20
13-May-11	KBDD10102	KM11012802	CDN-GS-4C	4.26	2.23	G471556	AA24	-8.12
13-Nov-11	KBDD11160	KM11231371	CDN-GS-4C	4.26	3.28	G482008	AA24	-3.92
13-Nov-11	KBDD11160	KM11231371	CDN-GS-4C	4.26	3.09	G482309	AA24	-4.68

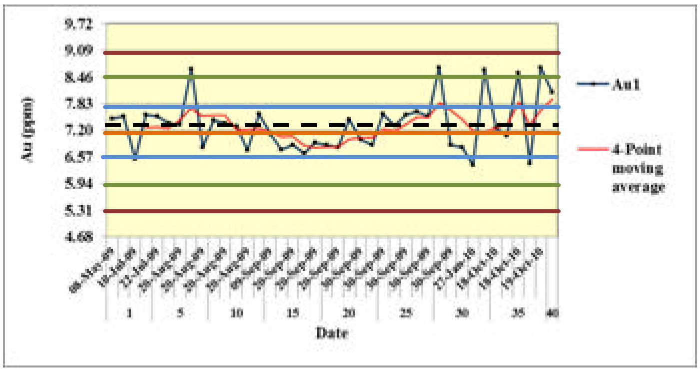
Fig. App 3/18 Time Variation Xtra-Gold Standard CDN-GS-6A (Analysis: AA24)



Recommended value: 5.69 ppm Au
Mean: 5.89 ppm Au
Standard deviation: 0.20
Precision: 6.9
Accuracy: +3.5

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std Dev
29-Feb-12	KBDD12187	KM12029609	CDN-GS-6A	5.69	6.83	G421486	AA26A	4.56
12-Dec-11	KBDD11157	KM11257770	CDN-GS-6A	5.69	6.57	G385621A	AA26D4	3.52
	KBDD11183	KM11269403	CDN-GS-6A	5.69	4.92	G420585	AA26A	-3.08

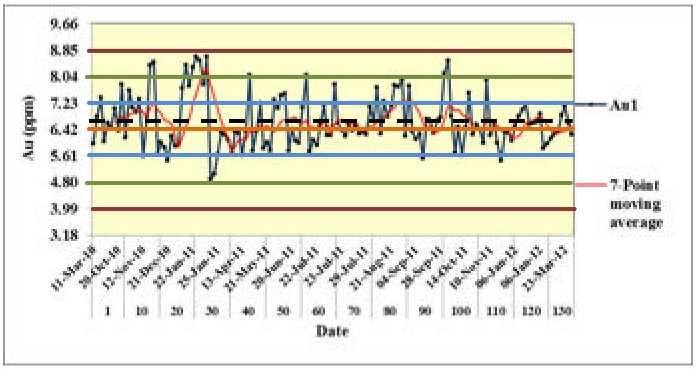
Fig. App 3/19 Time Variation Xtra-Gold Standard CDN-GS-7A (Analysis: AA24)



Recommended value: 7.20 ppm Au
Mean: 7.33 ppm Au
Standard deviation: 0.63
Precision: 17.4
Accuracy: +1.9

Date	HoleID	Lab No	Code	Rec val	Au1	SpleID	Method	Std Dev
30-Sep-09	KBRC09061	KM09103353	CDN-GS-7A	7.20	3.43	G489154	AA24	-5.98
30-Sep-09	KBRC09058	KM09103352	CDN-GS-7A	7.20	4.26	G488873	AA24	-4.67
18-Oct-10	KBDD10071	KM10145779	CDN-GS-7A	7.20	8.95	G370293	AA24	2.78

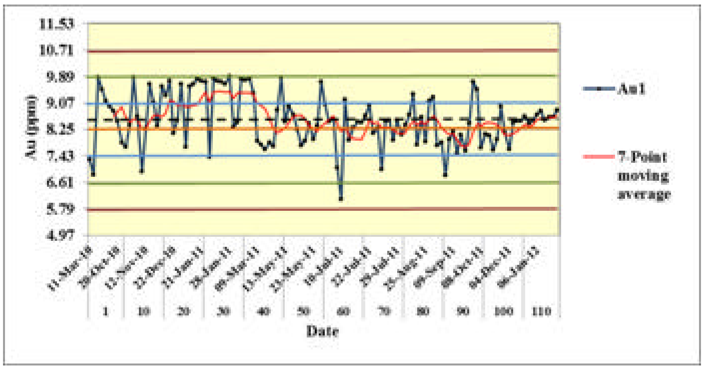
Fig. App 3/20 Time Variation Xtra-Gold Standard CDN-GS-7B (Analysis: AA24)



Recommended value: 6.42 ppm Au
Mean: 6.67 ppm Au
Standard deviation: 0.81
Precision: 24.0
Accuracy: +3.9

Date	HoleID	LabNo	Code	Rec Val	Au1	SpleID	Method	Std Dev
12-Oct-10	KBDD10091	KM10175848	CDN-GS-7B	6.42	0.51	G372298	AA24	-7.88
13-Apr-11	KBDD11106	KM11054601	CDN-GS-7B	6.42	0.72	G472139	AA24	-7.60
22-Jan-11	KBDD10099	KM11007758	CDN-GS-7B	6.42	8.81	G470860	AA24	3.19
28-Oct-11	KBDD11165	KM11208007	CDN-GS-7B	6.42	9.11	G483796	AA24	3.59
02-Jan-11	KBDD10076	KM10183773	CDN-GS-7B	6.42	9.16	G374339	AA24	3.65
02-Oct-11	KBDD10093	KM10184954	CDN-GS-7B	6.42	9.72	G374900	AA24	4.40
16-Apr-11	KBDD11106	KM11054602	CDN-GS-7B	6.42	9.86	G472238	GRA22	4.59
10-Jul-11	KBDD11147	KM11162084	CDN-GS-7B	6.42	10.65	G383312	GRA22	5.64
31-Dec-10	KBDD10088	KM10183625	CDN-GS-7B	6.42	8.74	G373156	AA24	3.09

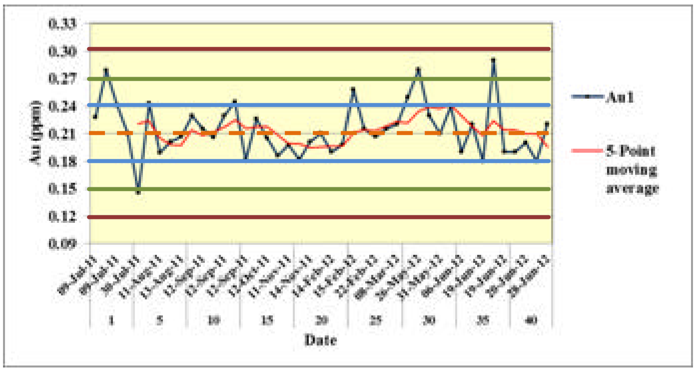
Fig. App 3/21 Time Variation Xtra-Gold Standard CDN-GS-8A (Analysis: AA24/GRA22)



Recommended value: 8.25 ppm Au
Mean: 8.55 ppm Au
Standard deviation: 0.82
Precision: 18.9
Accuracy: +3.6

Date	HoleID	Lab No	Code	Rec	Au1	SpleID	Method	Std Dev
28-Jan-11	KBDD10084	KM10183772	CDN-GS-8A	8.25	0.00	G374170	AA24	-10.57
11-Jan-11	KBDD11161	KM11194510	CDN-GS-8A	8.25	4.08	G482678	AA24	-5.35
29-Aug-11	KBDD11118	KM11060288	CDN-GS-8A	8.25	10.60	G474958	GRA22	3.01
10-Jul-11	KBDD11148	KM11162085	CDN-GS-8A	8.25	11.95	G383549	GRA22	4.74

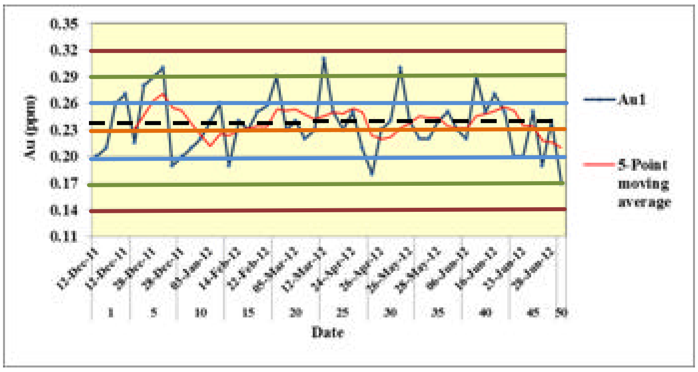
Fig. App 3/22 Time Variation Xtra-Gold Standard CDN-GS-P2 (Analysis: AA24)



Recommended value: 0.21 ppm Au
Mean: 0.21 ppm Au
Standard deviation: 0.03
Precision: 27.6
Accuracy: Accurate

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std Dev
22-Feb-12	KBDD11175	KM11243070	CDN-GS-P2	0.21	0.00	G432573	AA24	-7.05

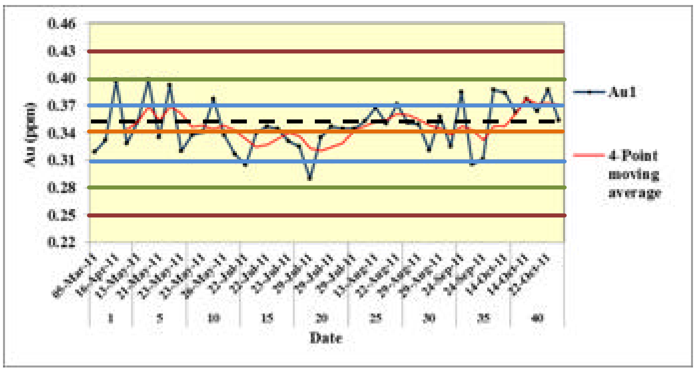
Fig. App 3/23 Time Variation Xtra-Gold Standard CDN-GS-P2A (Analysis: AA24)



Recommended value: 0.23 ppm Au
Mean: 0.24 ppm Au
Standard deviation: 0.03
Precision: 27.8
Accuracy: +3.5

Date	HoleID	LabNo	Code	Rec Val	Au1	SpleID	Method	Std Dev
22-Feb-12	KBDD11179	KM11253992	CDN-GS-P2A	0.23	0.00	G432927	AA24	-7.55
28-Dec-11	KBDD11160	KM11257771	CDN-GS-P2A	0.23	0.32	G482180A	AA24D	3.03

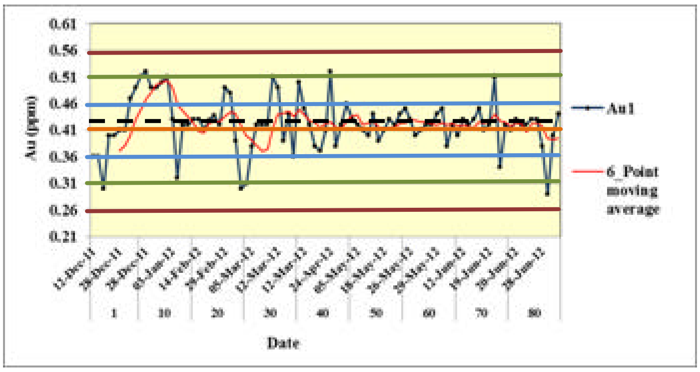
Fig. App 3/24 Time Variation Xtra-Gold Standard CDN-GS-P3A (Analysis: AA24)



Recommended value: 0.34 ppm Au
Mean: 0.35 ppm Au
Standard deviation: 0.03
Precision: 15.4
Accuracy: +2.9

Date	HoleID	Lab No	Code	Rec Val	Au1	SpleID	Method	Std Dev
25-Aug-11	KBDD11135	KM11094266	CDN-GS-P3A	0.34	0.42	G466640	AA24	2.63

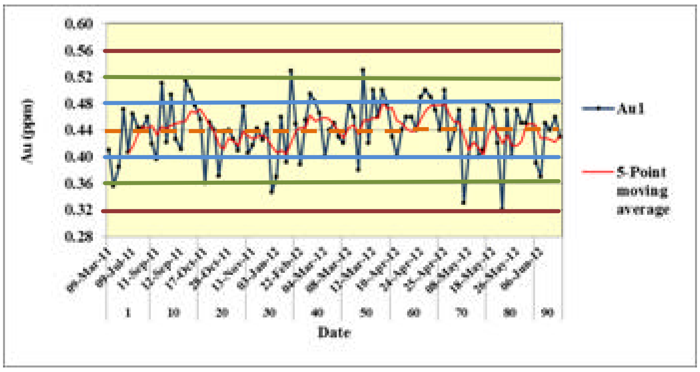
Fig. App 3/25 Time Variation Xtra-Gold Standard CDN-GS-P3B (Analysis: AA26)



Recommended value: 0.41 ppm Au
Mean: 0.42 ppm Au
Standard deviation: 0.05
Precision: 23.1
Accuracy: +3.2

Date	HoleID	LabNo	Code	Rec Val	Au1	SpleID	Method	Std Dev
28-Jun-12	KBDD12251	KM12134257	CDN-GS-P3B	0.41	0.21	G433496	AA26	-4.98
12-Dec-11	KBDD11157	KM11257770	CDN-GS-P3B	0.41	0.26	G385600A	AA26D	-3.73
12-Mar-12	KBDD12194	KM12036865	CDN-GS-P3B	0.41	0.53	G423385	AA26	3.03

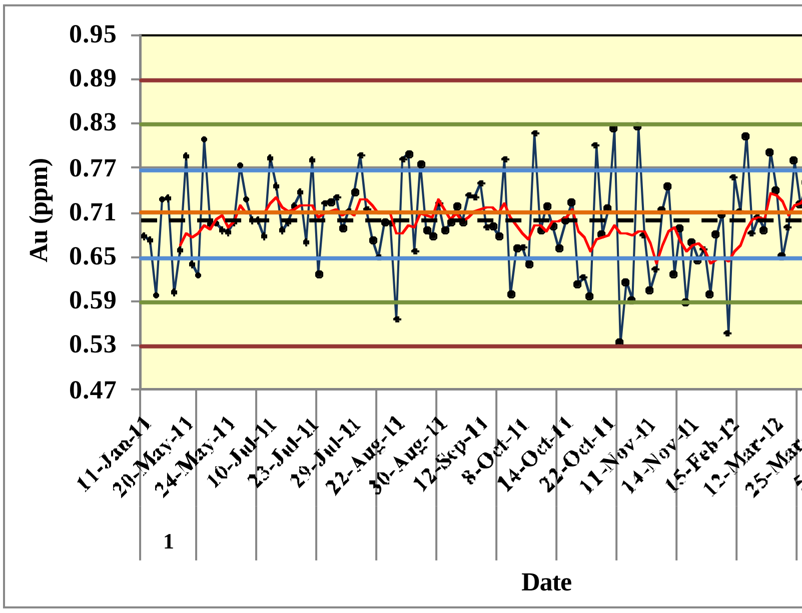
Fig. App3/26 Time Variation Xtra-Gold Standard CDN-GS-P4A (Analysis: AA24)



Recommended value: 0.44 ppm Au
Mean: 0.44 ppm Au
Standard deviation: 0.04
Precision: 19.4
Accuracy: Accurate

Date	HoleID	LabNo	Code	Rec Val	Au1	SpleID	Method	Std Dev
28-May-12	KBDD12230	KM12092523	CDN-GS-P4A	0.44	0.27	G429628	AA26	-4.20
26-May-12	KBDD12228	KM12092522	CDN-GS-P4A	0.44	0.59	G429455	AA26	3.80

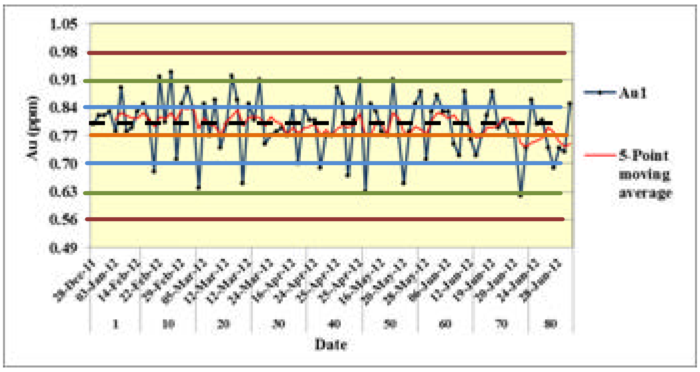
Fig. App 3/27 Time Variation Xtra-Gold Standard CDN-GS-P7B (Analysis: AA24)



Recommended value: 0.71 ppm Au
Mean: 0.70 ppm Au
Standard deviation: 0.06
Precision: 17.5
Accuracy: -1.3

Date	HoleID	LabNo	Code	RecVal	Au1	SpleID	Method	Std Dev
28-May-12	KBDD12230	KM12092523	CDN-GS-P7B	0.71	0.39	G429715	AA26	-5.33
22-Oct-11	KBDD11159	KM11182633	CDN-GS-P7B	0.71	0.39	G385858	AA24	-5.28
20-May-12	KBDD12220	KM12079273	CDN-GS-P7B	0.71	0.49	G427454	AA26	-3.67
22-Feb-12	KBDD11176	KM11243070	CDN-GS-P7B	0.71	0.89	G432587	AA24	3.03
11-Aug-11	KBDD11151	KM11168641	CDN-GS-P7B	0.71	0.90	G384259	AA24	3.17

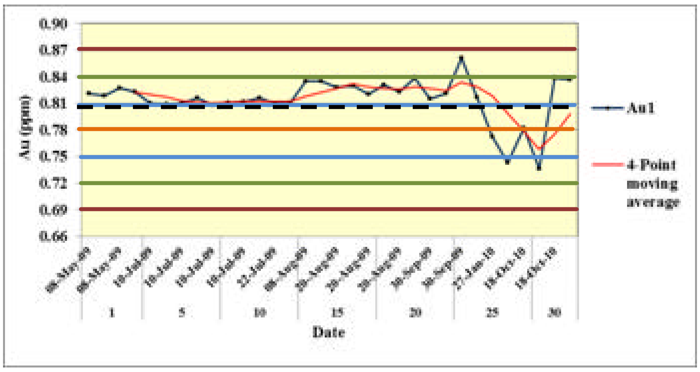
Fig. App 3/28 Time Variation Xtra-Gold Standard CDN-GS-P7E (Analysis: AA26)



Recommended value: 0.77 ppm Au
Mean: 0.80 ppm Au
Standard deviation: 0.07
Precision: 17.7
Accuracy: +4.0

Date	HoleID	LabNo	Code	Rec Val	Au1	SpleID	Method	Std Dev
29-Feb-12	KBDD12187	KM12029606	CDN-GS-P7E	0.77	1.02	G421350	AA26	3.63
12-Mar-12	KBDD12196	KM12041669	CDN-GS-P7E	0.77	1.16	G423462	AA26	5.63
05-Mar-12	KBDD12207	KM12083263	CDN-GS-P7E	0.77	0.02	G425935	AA26	-10.66
28-Jun-12	KBDD12256	KM12134259	CDN-GS-P7E	0.77	0.41	G433840	AA26	-5.09
06-Jun-12	KBDD12231	KM12108715	CDN-GS-P7E	0.77	0.42	G429951	AA26	-4.94
24-Jun-12	KBDD12250	KM12125034	CDN-GS-P7E	0.77	0.49	G425461	AA26	-3.94
05-May-12	KBDD12224	KM12087035	CDN-GS-P7E	0.77	0.54	G428960	AA26	-3.23
18-May-12	KBDD12222	KM12081313	CDN-GS-P7E	0.77	0.54	G428508	AA26	-3.23

Fig. App 3/29 Time Variation Xtra-Gold Standard CDN-GS-P8 (Analysis: AA24)



Recommended value: 0.78 ppm Au
Mean: 0.81 ppm Au
Standard deviation: 0.03
Precision: 6.2
Accuracy: +4.4

Date	HoleID	LabNo	Code	Rec Val	Au1	SpleID	Method	Std Dev
30-Sep-09	KBRC09049	KM09103351	CDN-GS-P8	0.78	0.01	G488550	AA24	-25.63
30-Sep-09	KBRC09058	KM09103352	CDN-GS-P8	0.78	0.41	G488856	AA24	-12.27
19-Oct-10	KBDD10069	KM10145778	CDN-GS-P8	0.78	0.62	G370030	AA24	-5.43
30-Sep-09	KBRC09062	KM09103354	CDN-GS-P8	0.78	1.16	G489225	AA24	12.67
19-Oct-10	KBDD10069	KM10145778	CDN-GS-P8	0.78	0.88	G370170	AA24	3.23

13 Appendix 4 – Failed Standards

Date	HoleID	LabNo	StdCode	RecValue	Au1	SpleID	Method	SD
12-Mar-08	KBD08017	KM08167144	CDN-CGS-19	0.74	0.91	H802588	AA24	3.4
29-May-12	KBDD12241	KM12108908	CDN-GS-1J	0.95	1.12	G431596	AA26	3.5
13-Jun-12	KBDD12238	KM12113525	CDN-GS-1J	0.95	0.74	G431657	AA26	-4.1
20-Jun-12	KBDD12245	KM12116588	CDN-GS-1J	0.95	0.78	G424754	AA26	-3.3
23-Jun-12	KBDD12250	KM12125033	CDN-GS-1J	0.95	0.12	G425396	AA26	-16.5
12-Jun-12	KBDD12235	KM12108906	CDN-GS-1P5E	1.52	1.31	G430500	AA26	-4.2
13-Jun-12	KBDD12243	KM12113527	CDN-GS-1P5E	1.52	0.90	G424582	AA26	-12.4
13-Jun-12	KBDD12238	KM12113525	CDN-GS-1P5E	1.52	0.90	G431700	AA26	-12.4
16-Jun-12	KBDD12242	KM12113526	CDN-GS-1P5E	1.52	1.27	G431829	AA26	-5.0
16-Jun-12	KBDD12243	KM12113526	CDN-GS-1P5E	1.52	1.23	G431980	AA26	-5.8
24-Jun-12	KBDD12250	KM12125034	CDN-GS-1P5E	1.52	1.14	G425440	AA26	-7.6
28-Jun-12	KBDD12253	KM12121359	CDN-GS-1P5E	1.52	1.32	G433112	AA26A	-4.0
28-Jun-12	KBDD12253	KM12121359	CDN-GS-1P5E	1.52	1.34	G433112	AA26D	-3.6
28-Jun-12	KBDD12253	KM12121359	CDN-GS-1P5E	1.52	1.35	G433112	AA26T	-3.4
28-Jun-12	KBDD12255	KM12134257	CDN-GS-1P5E	1.52	0.65	G433348	AA26	-17.4
28-Jun-12	KBDD12251	KM12134258	CDN-GS-1P5E	1.52	0.95	G433625	AA26	-11.4
28-Jun-12	KBDD12252	KM12134258	CDN-GS-1P5E	1.52	0.83	G433754	AA26	-13.8
28-Jun-12	KBDD12256	KM12134259	CDN-GS-1P5E	1.52	0.91	G433797	AA26	-12.2
13-Apr-11	KBDD11106	KM11054601	CDN-GS-22	22.94	13.85	G472158	GRA22	-6.3
09-May-11	KBDD11142	KM11129325	CDN-GS-22	22.94	16.85	G469336	GRA22	-4.2
22-Jul-11	KBDD11117	KM11060287	CDN-GS-22	22.94	13.55	G474738	GRA22	-6.5
30-Aug-11	KBDD11134	KM11094265	CDN-GS-22	22.94	27.90	G466480	GRA22	3.4
18-Oct-10	KBDD10077	KM10146990	CDN-GS-2F	2.16	2.71	G370637	AA24	3.1
21-Dec-10	KBDD10091	KM10175849	CDN-GS-2F	2.16	2.92	G372480	AA24	4.2
21-Dec-10	KBDD10096	KM10176321	CDN-GS-2F	2.16	0.06	G372913	AA24	-11.7
25-Aug-11	KBDD11135	KM11094266	CDN-GS-2F	2.16	2.80	G466818	AA24	3.6
02-Oct-11	KBDD10093	KM10184954	CDN-GS-2F	2.16	2.76	G374838	AA24	3.3
14-Oct-11	KBDD11130	KM11093099	CDN-GS-2F	2.16	2.77	G477580	AA24	3.4
14-Oct-11	KBDD11130	KM11093099	CDN-GS-2F	2.16	2.71	G477679	AA24	3.1
14-Oct-11	KBDD11132	KM11093252	CDN-GS-2F	2.16	2.74	G478198	AA24	3.2
04-Dec-11	KBDD10104	KM11054600	CDN-GS-2F	2.16	1.55	G471880	AA24	-3.4
22-Jul-11	KBDD11126	KM11061582	CDN-GS-30B	29.21	15.00	G476530	GRA22	-6.1
04-Dec-11	KBDD10104	KM11054600	CDN-GS-30B	29.21	18.50	G471940	GRA22	-4.6
06-Apr-12	KBDD12243	KM12113520	CDN-GS-4B	3.77	4.10	G424521	AA26D	5.5
19-Jun-12	KBDD12245	KM12119342	CDN-GS-4B	3.77	4.04	G424806	AA26A	4.5
24-Jun-12	KBDD12255	KM12122690	CDN-GS-4B	3.77	4.07	G433370	AA26	5.0
	KBDD12253	KM12121359	CDN-GS-4B	3.77	3.97	G433090	AA26A	3.3
12-Mar-08	KBD08016	KM08167143	CDN-GS-5D	5.06	4.26	H802408	AA24	-3.8
20-Sep-09	KBRC09049	KM09094808	CDN-GS-5D	5.06	4.33	G487687	AA24	-3.5
29-Feb-12	KBDD12189	KM12029609	CDN-GS-9A	9.31	7.74	G422277	AA26A	-3.8

14 Appendix 5 – Field Duplicates – Prep 22 – AA24

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10069	G370004	19/10/2010	KM10145778	0.01	G370022	19/10/2010	KM10145778	0.01	0.000
KBDD10070	G370038	19/10/2010	KM10145778	0.01	G370043	19/10/2010	KM10145778	0.01	0.000
KBDD10070	G370238	19/10/2010	KM10145778	0.01	G370244	19/10/2010	KM10145778	0.01	0.000
KBDD10070	G370267	18/10/2010	KM10145779	0.01	G370282	18/10/2010	KM10145779	0.01	0.000
KBDD10071	G370300	18/10/2010	KM10145779	0.01	G370303	18/10/2010	KM10145779	0.01	0.000
KBDD10071	G370378	18/10/2010	KM10145779	0.01	G370383	18/10/2010	KM10145779	0.01	0.000
KBDD10071	G370445	18/10/2010	KM10145779	0.01	G370450	18/10/2010	KM10145779	0.01	0.000
KBDD10073	G370577	18/10/2010	KM10146990	0.01	G370583	18/10/2010	KM10146990	0.01	0.000
KBDD10076	G370610	18/10/2010	KM10146990	0.01	G370615	18/10/2010	KM10146990	0.01	0.000
KBDD10081	G370729	18/10/2010	KM10146990	0.01	G370744	18/10/2010	KM10146990	0.01	0.000
KBDD10086	G370820	19/10/2010	KM10146991	0.01	G370826	19/10/2010	KM10146991	0.01	0.000
KBDD10072	G370849	19/10/2010	KM10146991	0.01	G370864	19/10/2010	KM10146991	0.01	0.000
KBDD10072	G370900	19/10/2010	KM10146991	0.01	G370904	19/10/2010	KM10146991	0.01	0.000
KBDD10072	G370911	19/10/2010	KM10146991	0.01	G370931	19/10/2010	KM10146991	0.01	0.000
KBDD10072	G370921	19/10/2010	KM10146991	0.01	G370947	19/10/2010	KM10146991	0.01	0.000
KBDD10072	G370957	19/10/2010	KM10146991	0.01	G370969	19/10/2010	KM10146991	0.01	0.000
KBDD10073	G370974	19/10/2010	KM10146991	0.01	G370982	19/10/2010	KM10146991	0.01	0.000
KBDD10073	G370991	19/10/2010	KM10146991	0.01	G371007	20/10/2010	KM10146992	0.01	0.000
KBDD10073	G371014	20/10/2010	KM10146992	0.01	G371023	20/10/2010	KM10146992	0.01	0.000
KBDD10085	G371097	20/10/2010	KM10146992	0.01	G371104	20/10/2010	KM10146992	0.01	0.000
KBDD10085	G371098	20/10/2010	KM10146992	0.01	G371127	20/10/2010	KM10146992	0.01	0.000
KBDD10085	G371311	27/10/2010	KM10146993	0.01	G371323	27/10/2010	KM10146993	0.01	0.000
KBDD10085	G371335	27/10/2010	KM10146993	0.01	G371342	27/10/2010	KM10146993	0.01	0.000
KBDD10086	G371659	25/10/2010	KM10146994	0.01	G371674	25/10/2010	KM10146994	0.01	0.000
KBDD10086	G371678	25/10/2010	KM10146994	0.01	G371686	25/10/2010	KM10146994	0.01	0.000
KBDD10087	G371837	12/05/2010	KM10175846	0.01	G371846	12/05/2010	KM10175846	0.01	0.000
KBDD10090	G372229	12/10/2010	KM10175848	0.01	G372244	12/10/2010	KM10175848	0.01	0.000

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10090	G372259	12/10/2010	KM10175848	0.01	G372264	12/10/2010	KM10175848	0.01	0.000
KBDD10091	G372287	12/10/2010	KM10175848	0.01	G372306	12/10/2010	KM10175848	0.01	0.000
KBDD10091	G372332	21/12/2010	KM10175849	0.01	G372343	21/12/2010	KM10175849	0.01	0.000
KBDD10091	G372514	21/12/2010	KM10175849	0.01	G372523	21/12/2010	KM10176320	0.01	0.000
KBDD10095	G372619	21/12/2010	KM10176320	0.01	G372626	21/12/2010	KM10176320	0.01	0.000
KBDD10095	G372633	21/12/2010	KM10176320	0.01	G372643	21/12/2010	KM10176320	0.01	0.000
KBDD10095	G372649	21/12/2010	KM10176320	0.01	G372666	21/12/2010	KM10176320	0.01	0.000
KBDD10095	G372680	21/12/2010	KM10176320	0.01	G372689	21/12/2010	KM10176320	0.01	0.000
KBDD10096	G372695	21/12/2010	KM10176320	0.01	G372706	21/12/2010	KM10176320	0.01	0.000
KBDD10096	G372712	21/12/2010	KM10176320	0.01	G372726	21/12/2010	KM10176321	0.01	0.000
KBDD10096	G372740	21/12/2010	KM10176321	0.01	G372747	21/12/2010	KM10176321	0.01	0.000
KBDD10096	G372753	21/12/2010	KM10176321	0.01	G372767	21/12/2010	KM10176321	0.01	0.000
KBDD10096	G372770	21/12/2010	KM10176321	0.01	G372781	21/12/2010	KM10176321	0.01	0.000
KBDD10096	G372857	21/12/2010	KM10176321	0.01	G372867	21/12/2010	KM10176321	0.01	0.000
KBDD10096	G372873	21/12/2010	KM10176321	0.01	G372885	21/12/2010	KM10176321	0.01	0.000
KBDD10096	G372891	21/12/2010	KM10176321	0.01	G372902	21/12/2010	KM10176321	0.01	0.000
KBDD10074	G372950	21/12/2010	KM10176322	0.01	G372965	21/12/2010	KM10176322	0.01	0.000
KBDD10079	G372978	21/12/2010	KM10176322	0.01	G372985	21/12/2010	KM10176322	0.01	0.000
KBDD10079	G372992	21/12/2010	KM10176322	0.01	G373005	21/12/2010	KM10176322	0.01	0.000
KBDD10079	G373010	21/12/2010	KM10176322	0.01	G373024	21/12/2010	KM10176322	0.01	0.000
KBDD10088	G373070	31/12/2010	KM10183625	0.01	G373083	31/12/2010	KM10183625	0.01	0.000
KBDD10088	G373098	31/12/2010	KM10183625	0.01	G373107	31/12/2010	KM10183625	0.01	0.000
KBDD10088	G373115	31/12/2010	KM10183625	0.01	G373126	31/12/2010	KM10183625	0.01	0.000
KBDD10088	G373130	31/12/2010	KM10183625	0.01	G373146	31/12/2010	KM10183625	0.01	0.000
KBDD10088	G373172	31/12/2010	KM10183625	0.01	G373182	31/12/2010	KM10183625	0.01	0.000
KBDD10088	G373233	31/12/2010	KM10183625	0.01	G373244	1/10/2011	KM10183628	0.01	0.000
KBDD10088	G373250	1/10/2011	KM10183628	0.01	G373262	1/10/2011	KM10183628	0.01	0.000
KBDD10098	G373400	1/10/2011	KM10183628	0.01	G373407	1/10/2011	KM10183628	0.01	0.000
KBDD10098	G373415	1/10/2011	KM10183628	0.01	G373423	1/10/2011	KM10183628	0.01	0.000
KBDD10092	G373560	21/01/2011	KM10183629	0.01	G373571	21/01/2011	KM10183629	0.01	0.000
KBDD10099	G373610	22/01/2011	KM11007758	0.01	G373635	22/01/2011	KM11007758	0.01	0.000

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10089	G373783	20/01/2011	KM10183770	0.01	G373800	20/01/2011	KM10183770	0.01	0.000
KBDD10089	G373889	21/01/2011	KM10183771	0.01	G373900	21/01/2011	KM10183771	0.01	0.000
KBDD10089	G373963	21/01/2011	KM10183771	0.01	G373974	21/01/2011	KM10183771	0.01	0.000
KBDD10083	G374016	21/01/2011	KM10183771	0.01	G374035	21/01/2011	KM10183771	0.01	0.000
KBDD10076	G374322	2/01/2011	KM10183773	0.01	G374334	2/01/2011	KM10183773	0.01	0.000
KBDD10076	G374359	2/01/2011	KM10183773	0.01	G374375	2/01/2011	KM10183773	0.01	0.000
KBDD10076	G374382	2/01/2011	KM10183773	0.01	G374396	2/01/2011	KM10183773	0.01	0.000
KBDD10075	G374416	2/01/2011	KM10183773	0.01	G374434	2/01/2011	KM10183773	0.01	0.000
KBDD10075	G374461	2/01/2011	KM10183773	0.01	G374473	2/01/2011	KM10183773	0.01	0.000
KBDD10075	G374523	2/05/2011	KM10183774	0.01	G374536	2/05/2011	KM10183774	0.01	0.000
KBDD10078	G374560	2/05/2011	KM10183774	0.01	G374572	2/05/2011	KM10183774	0.01	0.000
KBDD10078	G374617	2/05/2011	KM10183774	0.01	G374633	2/05/2011	KM10183774	0.01	0.000
KBDD10077	G374662	2/05/2011	KM10183774	0.01	G374675	2/10/2011	KM10183775	0.01	0.000
KBDD10077	G374762	2/10/2011	KM10183775	0.01	G374773	2/10/2011	KM10183775	0.01	0.000
KBDD10093	G374818	2/10/2011	KM10184954	0.01	G374832	2/10/2011	KM10184954	0.01	0.000
KBDD10093	G374883	2/10/2011	KM10184954	0.01	G374896	2/10/2011	KM10184954	0.01	0.000
KBDD10093	G374913	2/10/2011	KM10184954	0.01	G374930	2/10/2011	KM10184954	0.01	0.000
KBDD11144	G382073	24/07/2011	KM11138246	0.01	G382084	24/07/2011	KM11138246	0.01	0.000
KBDD11145	G382201	28/09/2011	KM11148260	0.01	G382211	28/09/2011	KM11148260	0.01	0.000
KBDD11145	G382330	28/09/2011	KM11148260	0.01	G382340	28/09/2011	KM11148260	0.01	0.000
KBDD11145	G382374	28/09/2011	KM11148260	0.01	G382383	28/09/2011	KM11148260	0.01	0.000
KBDD11145	G382458	28/09/2011	KM11148261	0.01	G382469	28/09/2011	KM11148261	0.01	0.000
KBDD11146	G382673	27/09/2011	KM11148262	0.01	G382684	27/09/2011	KM11148262	0.01	0.000
KBDD11146	G382803	10/05/2011	KM11148263	0.01	G382813	10/05/2011	KM11148263	0.01	0.000
KBDD11146	G382845	10/05/2011	KM11148263	0.01	G382856	10/05/2011	KM11148263	0.01	0.000
KBDD11133	G466015	13/08/2011	KM11094263	0.01	G466025	13/08/2011	KM11094263	0.01	0.000
KBDD11134	G466116	13/08/2011	KM11094263	0.01	G466126	13/08/2011	KM11094263	0.01	0.000
KBDD11134	G466318	21/08/2011	KM11094264	0.01	G466331	21/08/2011	KM11094264	0.01	0.000
KBDD11134	G466456	30/08/2011	KM11094265	0.01	G466467	30/08/2011	KM11094265	0.01	0.000
KBDD11135	G466556	30/08/2011	KM11094265	0.01	G466568	30/08/2011	KM11094265	0.01	0.000
KBDD11135	G466584	30/08/2011	KM11094265	0.01	G466594	30/08/2011	KM11094265	0.01	0.000

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD11135	G466614	25/08/2011	KM11094266	0.01	G466626	25/08/2011	KM11094266	0.01	0.000
KBDD11135	G466654	25/08/2011	KM11094266	0.01	G466665	25/08/2011	KM11094266	0.01	0.000
KBDD11135	G466713	25/08/2011	KM11094266	0.01	G466723	25/08/2011	KM11094266	0.01	0.000
KBDD11135	G466754	25/08/2011	KM11094266	0.01	G466768	25/08/2011	KM11094266	0.01	0.000
KBDD11135	G466783	25/08/2011	KM11094266	0.01	G466795	25/08/2011	KM11094266	0.01	0.000
KBDD11135	G466814	25/08/2011	KM11094266	0.01	G466825	25/08/2011	KM11094266	0.01	0.000
KBDD11135	G466854	25/08/2011	KM11094266	0.01	G466868	29/07/2011	KM11099601	0.01	0.000
KBDD11136	G466884	29/07/2011	KM11099601	0.01	G466895	29/07/2011	KM11099601	0.01	0.000
KBDD11136	G466913	29/07/2011	KM11099601	0.01	G466923	29/07/2011	KM11099601	0.01	0.000
KBDD11136	G466984	29/07/2011	KM11099601	0.01	G466994	29/07/2011	KM11099601	0.01	0.000
KBDD11136	G467054	29/07/2011	KM11099601	0.01	G467069	29/07/2011	KM11099602	0.01	0.000
KBDD11136	G467083	29/07/2011	KM11099602	0.01	G467095	29/07/2011	KM11099602	0.01	0.000
KBDD11137	G467155	29/07/2011	KM11099602	0.01	G467168	29/07/2011	KM11099602	0.01	0.000
KBDD11137	G467184	29/07/2011	KM11099602	0.01	G467194	29/07/2011	KM11099602	0.01	0.000
KBDD11137	G467317	20/06/2011	KM11099603	0.01	G467328	20/06/2011	KM11099603	0.01	0.000
KBDD11137	G467356	20/06/2011	KM11099603	0.01	G467368	20/06/2011	KM11099603	0.01	0.000
KBDD11138	G467454	20/06/2011	KM11099603	0.01	G467467	29/07/2011	KM11099604	0.01	0.000
KBDD11138	G467484	29/07/2011	KM11099604	0.01	G467493	29/07/2011	KM11099604	0.01	0.000
KBDD11138	G467654	29/07/2011	KM11099604	0.01	G467666	29/07/2011	KM11099604	0.01	0.000
KBDD11139	G467716	30/07/2011	KM11111546	0.01	G467729	30/07/2011	KM11111546	0.01	0.000
KBDD11139	G467814	30/07/2011	KM11111546	0.01	G467827	30/07/2011	KM11111546	0.01	0.000
KBDD11139	G467882	30/07/2011	KM11111546	0.01	G467892	30/07/2011	KM11111546	0.01	0.000
KBDD11139	G467916	8/06/2011	KM11111547	0.01	G467930	8/06/2011	KM11111547	0.01	0.000
KBDD11139	G467955	8/06/2011	KM11111547	0.01	G467968	8/06/2011	KM11111547	0.01	0.000
KBDD11139	G468056	8/06/2011	KM11111547	0.01	G468068	8/06/2011	KM11111547	0.01	0.000
KBDD11139	G468083	8/06/2011	KM11111547	0.01	G468094	8/06/2011	KM11111547	0.01	0.000
KBDD11140	G468116	8/06/2011	KM11111547	0.01	G468126	8/06/2011	KM11111547	0.01	0.000
KBDD11140	G468154	13/08/2011	KM11111548	0.01	G468167	13/08/2011	KM11111548	0.01	0.000
KBDD11140	G468183	13/08/2011	KM11111548	0.01	G468195	13/08/2011	KM11111548	0.01	0.000
KBDD11140	G468215	13/08/2011	KM11111548	0.01	G468224	13/08/2011	KM11111548	0.01	0.000
KBDD11140	G468315	13/08/2011	KM11111548	0.01	G468324	13/08/2011	KM11111548	0.01	0.000

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD11140	G468354	9/06/2011	KM11111549	0.01	G468368	9/06/2011	KM11111549	0.01	0.000
KBDD11140	G468384	9/06/2011	KM11111549	0.01	G468394	9/06/2011	KM11111549	0.01	0.000
KBDD11140	G468415	9/06/2011	KM11111549	0.01	G468425	9/06/2011	KM11111549	0.01	0.000
KBDD11141	G468555	9/03/2011	KM11129321	0.01	G468568	9/03/2011	KM11129321	0.01	0.000
KBDD11141	G468556	9/03/2011	KM11129321	0.01	G468594	9/03/2011	KM11129321	0.01	0.000
KBDD11141	G468685	9/03/2011	KM11129321	0.01	G468695	9/03/2011	KM11129321	0.01	0.000
KBDD11141	G468755	9/07/2011	KM11129322	0.01	G468769	9/07/2011	KM11129322	0.01	0.000
KBDD11141	G468784	9/07/2011	KM11129322	0.01	G468794	9/07/2011	KM11129322	0.01	0.000
KBDD11141	G468816	9/07/2011	KM11129322	0.01	G468826	9/07/2011	KM11129322	0.01	0.000
KBDD11142	G468914	9/07/2011	KM11129323	0.01	G468925	9/07/2011	KM11129323	0.01	0.000
KBDD11142	G468996	9/07/2011	KM11129323	0.01	G469005	9/07/2011	KM11129323	0.01	0.000
KBDD11143	G469512	11/09/2011	KM11140777	0.01	G469524	11/09/2011	KM11140777	0.01	0.000
KBDD11144	G469772	9/12/2011	KM11140778	0.01	G469783	9/12/2011	KM11140778	0.01	0.000
KBDD11144	G469864	9/12/2011	KM11140778	0.01	G469870	9/12/2011	KM11140778	0.01	0.000
KBDD11144	G469900	9/12/2011	KM11140778	0.01	G469910	9/12/2011	KM11140778	0.01	0.000
KBDD11144	G469986	9/09/2011	KM11140779	0.01	G469998	9/09/2011	KM11140779	0.01	0.000
KBDD10093	G470021	16/02/2011	KM10184955	0.01	G470031	16/02/2011	KM10184955	0.01	0.000
KBDD10094	G470288	16/02/2011	KM10184956	0.01	G470296	16/02/2011	KM10184956	0.01	0.000
KBDD10094	G470362	16/02/2011	KM10184956	0.01	G470372	16/02/2011	KM10184956	0.01	0.000
KBDD10094	G470383	16/02/2011	KM10184956	0.01	G470393	16/02/2011	KM10184956	0.01	0.000
KBDD10094	G470418	4/09/2011	KM10184957	0.01	G470434	4/09/2011	KM10184957	0.01	0.000
KBDD10097	G470458	4/09/2011	KM10184957	0.01	G470473	4/09/2011	KM10184957	0.01	0.000
KBDD10097	G470483	4/09/2011	KM10184957	0.01	G470495	4/09/2011	KM10184957	0.01	0.000
KBDD10097	G470518	4/09/2011	KM10184957	0.01	G470532	4/09/2011	KM10184957	0.01	0.000
KBDD10097	G470558	4/09/2011	KM10184957	0.01	G470573	4/09/2011	KM10184957	0.01	0.000
KBDD10100	G470686	4/09/2011	KM11012800	0.01	G470698	4/09/2011	KM11012800	0.01	0.000
KBDD10099	G470784	22/01/2011	KM11007758	0.01	G470798	22/01/2011	KM11007758	0.01	0.000
KBDD10100	G471018	4/09/2011	KM11012800	0.01	G471032	5/04/2011	KM11012801	0.01	0.000
KBDD10100	G471084	5/04/2011	KM11012801	0.01	G471095	5/04/2011	KM11012801	0.01	0.000
KBDD10100	G471117	5/04/2011	KM11012801	0.01	G471133	5/04/2011	KM11012801	0.01	0.000
KBDD10100	G471162	5/04/2011	KM11012801	0.01	G471170	5/04/2011	KM11012801	0.01	0.000

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10100	G471182	5/04/2011	KM11012801	0.01	G471196	5/04/2011	KM11012801	0.01	0.000
KBDD10101	G471222	24/01/2011	KM11007759	0.01	G471234	24/01/2011	KM11007759	0.01	0.000
KBDD10101	G471257	24/01/2011	KM11007759	0.01	G471272	24/01/2011	KM11007759	0.01	0.000
KBDD10102	G471487	13/05/2011	KM11012802	0.01	G471498	13/05/2011	KM11012802	0.01	0.000
KBDD10102	G471518	13/05/2011	KM11012802	0.01	G471532	13/05/2011	KM11012802	0.01	0.000
KBDD10103	G471617	25/01/2011	KM11008970	0.01	G471631	25/01/2011	KM11008970	0.01	0.000
KBDD10104	G471858	4/12/2011	KM11054600	0.01	G471871	4/12/2011	KM11054600	0.01	0.000
KBDD10104	G471958	4/12/2011	KM11054600	0.01	G471972	4/12/2011	KM11054600	0.01	0.000
KBDD11105	G471984	4/12/2011	KM11054600	0.01	G471995	4/12/2011	KM11054600	0.01	0.000
KBDD11105	G472019	4/12/2011	KM11054600	0.01	G472029	13/04/2011	KM11054601	0.01	0.000
KBDD11105	G472084	13/04/2011	KM11054601	0.01	G472095	13/04/2011	KM11054601	0.01	0.000
KBDD11105	G472110	13/04/2011	KM11054601	0.01	G472124	13/04/2011	KM11054601	0.01	0.000
KBDD11106	G472157	13/04/2011	KM11054601	0.01	G472172	13/04/2011	KM11054601	0.01	0.000
KBDD11106	G472183	13/04/2011	KM11054601	0.01	G472192	13/04/2011	KM11054601	0.01	0.000
KBDD11106	G472284	16/04/2011	KM11054602	0.01	G472294	16/04/2011	KM11054602	0.01	0.000
KBDD11107	G472321	16/04/2011	KM11054602	0.01	G472331	16/04/2011	KM11054602	0.01	0.000
KBDD11107	G472362	16/04/2011	KM11054602	0.01	G472373	16/04/2011	KM11054602	0.01	0.000
KBDD11107	G472523	20/04/2011	KM11054603	0.01	G472535	20/04/2011	KM11054603	0.01	0.000
KBDD11107	G472553	20/04/2011	KM11054603	0.01	G472564	20/04/2011	KM11054603	0.01	0.000
KBDD11107	G472582	20/04/2011	KM11054603	0.01	G472594	20/04/2011	KM11054603	0.01	0.000
KBDD11108	G472857	13/05/2011	KM11054605	0.01	G472872	13/05/2011	KM11054605	0.01	0.000
KBDD11108	G472881	13/05/2011	KM11054605	0.01	G472892	13/05/2011	KM11054605	0.01	0.000
KBDD11108	G472918	13/05/2011	KM11054605	0.01	G472925	13/05/2011	KM11054605	0.01	0.000
KBDD11109	G472988	13/05/2011	KM11054605	0.01	G473000	13/05/2011	KM11054605	0.01	0.000
KBDD11109	G473018	13/05/2011	KM11054605	0.01	G473031	24/05/2011	KM11054606	0.01	0.000
KBDD11109	G473118	24/05/2011	KM11054606	0.01	G473130	24/05/2011	KM11054606	0.01	0.000
KBDD11109	G473154	24/05/2011	KM11054606	0.01	G473169	24/05/2011	KM11054606	0.01	0.000
KBDD11110	G473192	24/05/2011	KM11054606	0.01	G473200	24/05/2011	KM11054606	0.01	0.000
KBDD11110	G473217	24/05/2011	KM11054606	0.01	G473230	20/05/2011	KM11054607	0.01	0.000
KBDD11110	G473260	20/05/2011	KM11054607	0.01	G473273	20/05/2011	KM11054607	0.01	0.000
KBDD11110	G473418	20/05/2011	KM11054607	0.01	G473430	23/05/2011	KM11054608	0.01	0.000

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD11110	G473450	23/05/2011	KM11054608	0.01	G473464	23/05/2011	KM11054608	0.01	0.000
KBDD11111	G473515	23/05/2011	KM11054608	0.01	G473524	23/05/2011	KM11054608	0.01	0.000
KBDD11111	G473553	23/05/2011	KM11054608	0.01	G473564	23/05/2011	KM11054608	0.01	0.000
KBDD11111	G473682	21/05/2011	KM11054609	0.01	G473695	21/05/2011	KM11054609	0.01	0.000
KBDD11112	G473717	21/05/2011	KM11054609	0.01	G473729	21/05/2011	KM11054609	0.01	0.000
KBDD11112	G473786	21/05/2011	KM11054609	0.01	G473795	21/05/2011	KM11054609	0.01	0.000
KBDD11112	G473857	21/05/2011	KM11054870	0.01	G473868	21/05/2011	KM11054870	0.01	0.000
KBDD11113	G473953	23/05/2011	KM11054872	0.01	G473969	23/05/2011	KM11054872	0.01	0.000
KBDD11113	G473981	23/05/2011	KM11054872	0.01	G473993	23/05/2011	KM11054872	0.01	0.000
KBDD11113	G474013	23/05/2011	KM11054872	0.01	G474026	23/05/2011	KM11054872	0.01	0.000
KBDD11113	G474112	23/05/2011	KM11054872	0.01	G474123	23/05/2011	KM11054872	0.01	0.000
KBDD11113	G474155	23/05/2011	KM11054873	0.01	G474172	23/05/2011	KM11054873	0.01	0.000
KBDD11114	G474254	23/05/2011	KM11054873	0.01	G474268	23/05/2011	KM11054873	0.01	0.000
KBDD11116	G474285	23/05/2011	KM11054873	0.01	G474296	23/05/2011	KM11054873	0.01	0.000
KBDD11115	G474389	26/05/2011	KM11054874	0.01	G474400	26/05/2011	KM11054874	0.01	0.000
KBDD11115	G474413	26/05/2011	KM11054874	0.01	G474427	26/05/2011	KM11054874	0.01	0.000
KBDD11115	G474484	26/05/2011	KM11054874	0.01	G474496	26/05/2011	KM11054874	0.01	0.000
KBDD11115	G474518	26/05/2011	KM11054874	0.01	G474529	26/05/2011	KM11054874	0.01	0.000
KBDD11115	G474557	26/05/2011	KM11054874	0.01	G474568	26/05/2011	KM11054874	0.01	0.000
KBDD11117	G474615	22/07/2011	KM11060287	0.01	G474624	22/07/2011	KM11060287	0.01	0.000
KBDD11117	G474688	22/07/2011	KM11060287	0.01	G474700	22/07/2011	KM11060287	0.01	0.000
KBDD11117	G474753	22/07/2011	KM11060287	0.01	G474765	22/07/2011	KM11060287	0.01	0.000
KBDD11117	G474817	29/08/2011	KM11060288	0.01	G474827	29/08/2011	KM11060288	0.01	0.000
KBDD11118	G474914	29/08/2011	KM11060288	0.01	G474926	29/08/2011	KM11060288	0.01	0.000
KBDD11118	G474954	29/08/2011	KM11060288	0.01	G474967	29/08/2011	KM11060288	0.01	0.000
KBDD11118	G474985	29/08/2011	KM11060288	0.01	G474996	29/08/2011	KM11060288	0.01	0.000
KBDD11119	G475089	23/07/2011	KM11060289	0.01	G475100	23/07/2011	KM11060289	0.01	0.000
KBDD11119	G475118	23/07/2011	KM11060289	0.01	G475129	23/07/2011	KM11060289	0.01	0.000
KBDD11119	G475156	23/07/2011	KM11060289	0.01	G475170	23/07/2011	KM11060289	0.01	0.000
KBDD11119	G475183	23/07/2011	KM11060289	0.01	G475196	23/07/2011	KM11060289	0.01	0.000
KBDD11119	G475214	24/09/2011	KM11061120	0.01	G475226	24/09/2011	KM11061120	0.01	0.000

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD11120	G475252	24/09/2011	KM11061120	0.01	G475268	24/09/2011	KM11061120	0.01	0.000
KBDD11120	G475286	24/09/2011	KM11061120	0.01	G475297	24/09/2011	KM11061120	0.01	0.000
KBDD11120	G475362	24/09/2011	KM11061120	0.01	G475373	24/09/2011	KM11061120	0.01	0.000
KBDD11121	G475383	22/07/2011	KM11060282	0.01	G475396	22/07/2011	KM11060282	0.01	0.000
KBDD11121	G475515	22/07/2011	KM11060282	0.01	G475525	22/07/2011	KM11060282	0.01	0.000
KBDD11121	G475581	29/08/2011	KM11060283	0.01	G475593	29/08/2011	KM11060283	0.01	0.000
KBDD11122	G475614	29/08/2011	KM11060283	0.01	G475625	29/08/2011	KM11060283	0.01	0.000
KBDD11122	G475655	29/08/2011	KM11060283	0.01	G475667	29/08/2011	KM11060283	0.01	0.000
KBDD11123	G475783	22/07/2011	KM11060284	0.01	G475794	22/07/2011	KM11060284	0.01	0.000
KBDD11123	G475854	22/07/2011	KM11060284	0.01	G475865	22/07/2011	KM11060284	0.01	0.000
KBDD11123	G475884	22/07/2011	KM11060284	0.01	G475899	22/07/2011	KM11060284	0.01	0.000
KBDD11124	G476017	22/07/2011	KM11060285	0.01	G476027	22/07/2011	KM11060285	0.01	0.000
KBDD11124	G476051	22/07/2011	KM11060285	0.01	G476068	22/07/2011	KM11060285	0.01	0.000
KBDD11125	G476352	23/07/2011	KM11061581	0.01	G476365	23/07/2011	KM11061581	0.01	0.000
KBDD11125	G476383	23/07/2011	KM11061581	0.01	G476396	22/07/2011	KM11061582	0.01	0.000
KBDD11126	G476486	22/07/2011	KM11061582	0.01	G476500	22/07/2011	KM11061582	0.01	0.000
KBDD11126	G476559	22/07/2011	KM11061582	0.01	G476571	22/07/2011	KM11061582	0.01	0.000
KBDD11126	G476583	22/07/2011	KM11061582	0.01	G476593	22/08/2011	KM11061583	0.01	0.000
KBDD11127	G476654	22/08/2011	KM11061583	0.01	G476671	22/08/2011	KM11061583	0.01	0.000
KBDD11127	G476783	22/08/2011	KM11061583	0.01	G476793	29/07/2011	KM11061584	0.01	0.000
KBDD11127	G476818	29/07/2011	KM11061584	0.01	G476828	29/07/2011	KM11061584	0.01	0.000
KBDD11127	G476881	29/07/2011	KM11061584	0.01	G476895	29/07/2011	KM11061584	0.01	0.000
KBDD11128	G476954	29/07/2011	KM11061584	0.01	G476966	29/07/2011	KM11061584	0.01	0.000
KBDD11128	G476986	29/07/2011	KM11061584	0.01	G476996	29/07/2011	KM11061585	0.01	0.000
KBDD11128	G477012	29/07/2011	KM11061585	0.01	G477026	29/07/2011	KM11061585	0.01	0.000
KBDD11128	G477157	29/07/2011	KM11061585	0.01	G477169	14/10/2011	KM11093097	0.01	0.000
KBDD11129	G477181	14/10/2011	KM11093097	0.01	G477190	14/10/2011	KM11093097	0.01	0.000
KBDD11129	G477215	14/10/2011	KM11093097	0.01	G477227	14/10/2011	KM11093097	0.01	0.000
KBDD11129	G477282	14/10/2011	KM11093097	0.01	G477292	14/10/2011	KM11093097	0.01	0.000
KBDD11129	G477384	24/09/2011	KM11093098	0.01	G477392	24/09/2011	KM11093098	0.01	0.000
KBDD11129	G477459	24/09/2011	KM11093098	0.01	G477472	24/09/2011	KM11093098	0.01	0.000

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD11130	G477516	24/09/2011	KM11093098	0.01	G477525	24/09/2011	KM11093098	0.01	0.000
KBDD11130	G477584	14/10/2011	KM11093099	0.01	G477595	14/10/2011	KM11093099	0.01	0.000
KBDD11130	G477613	14/10/2011	KM11093099	0.01	G477625	14/10/2011	KM11093099	0.01	0.000
KBDD11130	G477710	14/10/2011	KM11093099	0.01	G477725	14/10/2011	KM11093099	0.01	0.000
KBDD11131	G477755	14/10/2011	KM11093099	0.01	G477771	26/10/2011	KM11093250	0.01	0.000
KBDD11131	G477784	26/10/2011	KM11093250	0.01	G477794	26/10/2011	KM11093250	0.01	0.000
KBDD11131	G477815	26/10/2011	KM11093250	0.01	G477827	26/10/2011	KM11093250	0.01	0.000
KBDD11131	G477956	26/10/2011	KM11093250	0.01	G477973	22/10/2011	KM11093251	0.01	0.000
KBDD11131	G478014	22/10/2011	KM11093251	0.01	G478026	22/10/2011	KM11093251	0.01	0.000
KBDD11131	G478083	22/10/2011	KM11093251	0.01	G478092	22/10/2011	KM11093251	0.01	0.000
KBDD11132	G478183	14/10/2011	KM11093252	0.01	G478193	14/10/2011	KM11093252	0.01	0.000
KBDD11132	G478459	14/10/2011	KM11093253	0.01	G478470	14/10/2011	KM11093253	0.01	0.000
KBDD11133	G478584	8/10/2011	KM11094261	0.01	G478594	8/10/2011	KM11094261	0.01	0.000
KBDD11133	G478617	8/10/2011	KM11094261	0.01	G478628	8/10/2011	KM11094261	0.01	0.000
KBDD11133	G478717	29/08/2011	KM11094262	0.01	G478727	29/08/2011	KM11094262	0.01	0.000
KBDD11133	G478757	29/08/2011	KM11094262	0.01	G478768	29/08/2011	KM11094262	0.01	0.000
KBDD11133	G478816	29/08/2011	KM11094262	0.01	G478823	29/08/2011	KM11094262	0.01	0.000
KBDD11133	G478817	29/08/2011	KM11094262	0.01	G478872	29/08/2011	KM11094262	0.01	0.000
KBDD11133	G478884	29/08/2011	KM11094262	0.01	G478893	29/08/2011	KM11094262	0.01	0.000
KBDD10087	G371820	12/05/2010	KM10175846	0.01	G371832	12/05/2010	KM10175846	0.02	0.200
KBDD10092	G373472	21/01/2011	KM10183629	0.01	G373481	21/01/2011	KM10183629	0.02	0.200
KBDD10080	G470183	16/02/2011	KM10184955	0.01	G470198	16/02/2011	KM10184955	0.02	0.200
KBDD10076	G374281	2/01/2011	KM10183773	0.01	G374298	2/01/2011	KM10183773	0.02	0.231
KBDD11126	G476514	22/07/2011	KM11061582	0.01	G476526	22/07/2011	KM11061582	0.02	0.231
KBDD11133	G478656	8/10/2011	KM11094261	0.01	G478666	8/10/2011	KM11094261	0.02	0.231
KBDD10095	G372573	21/12/2010	KM10176320	0.01	G372584	21/12/2010	KM10176320	0.02	0.286
KBDD10092	G373490	21/01/2011	KM10183629	0.01	G373502	21/01/2011	KM10183629	0.02	0.286
KBDD11118	G474852	29/08/2011	KM11060288	0.01	G474868	29/08/2011	KM11060288	0.02	0.286
KBDD10086	G371495	27/10/2010	KM10146993	0.01	G371506	25/10/2010	KM10146994	0.02	0.355
KBDD11134	G466355	21/08/2011	KM11094264	0.01	G466368	21/08/2011	KM11094264	0.02	0.355
KBDD11139	G467983	8/06/2011	KM11111547	0.01	G467994	8/06/2011	KM11111547	0.02	0.355

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD11131	G477856	26/10/2011	KM11093250	0.01	G477867	26/10/2011	KM11093250	0.02	0.355
KBDD10085	G371348	27/10/2010	KM10146993	0.01	G371356	27/10/2010	KM10146993	0.02	0.394
KBDD11127	G476756	22/08/2011	KM11061583	0.01	G476768	22/08/2011	KM11061583	0.02	0.394
KBDD10071	G370061	19/10/2010	KM10145778	0.01	G370083	19/10/2010	KM10145778	0.02	0.412
KBDD11132	G478356	14/10/2011	KM11093252	0.01	G478368	14/10/2011	KM11093253	0.03	0.429
KBDD11116	G474318	23/05/2011	KM11054873	0.01	G474327	23/05/2011	KM11054873	0.03	0.444
KBDD11121	G475419	22/07/2011	KM11060282	0.01	G475432	22/07/2011	KM11060282	0.03	0.487
KBDD11110	G473383	20/05/2011	KM11054607	0.01	G473393	20/05/2011	KM11054607	0.03	0.500
KBDD10102	G471558	13/05/2011	KM11012802	0.01	G471572	13/05/2011	KM11012802	0.04	0.623
KBDD10101	G471419	25/01/2011	KM11008970	0.01	G471430	5/04/2011	KM11012801	0.05	0.636
KBDD10084	G374261	28/01/2011	KM10183772	0.01	G374274	28/01/2011	KM10183772	0.05	0.643
KBDD11143	G469606	11/09/2011	KM11140777	0.01	G469613	11/09/2011	KM11140777	0.05	0.661
KBDD10100	G470920	4/09/2011	KM11012800	0.01	G470932	4/09/2011	KM11012800	0.05	0.672
KBDD11122	G475713	29/08/2011	KM11060283	0.01	G475726	29/08/2011	KM11060283	0.06	0.692
KBDD11123	G475955	22/07/2011	KM11060284	0.01	G475968	22/07/2011	KM11060284	0.06	0.692
KBDD10072	G370877	19/10/2010	KM10146991	0.01	G370886	19/10/2010	KM10146991	0.06	0.697
KBDD11132	G478217	14/10/2011	KM11093252	0.01	G478227	14/10/2011	KM11093252	0.06	0.701
KBDD11129	G477253	14/10/2011	KM11093097	0.01	G477268	14/10/2011	KM11093097	0.09	0.796
KBDD10102	G471586	13/05/2011	KM11012802	0.01	G471596	13/05/2011	KM11012802	0.13	0.858
KBDD10076	G370625	18/10/2010	KM10146990	0.01	G370629	18/10/2010	KM10146990	0.01	0.000
KBDD10077	G370656	18/10/2010	KM10146990	0.01	G370660	18/10/2010	KM10146990	0.01	0.000
KBDD10095	G372589	21/12/2010	KM10176320	0.01	G372603	21/12/2010	KM10176320	0.01	0.000
KBDD10079	G373038	21/12/2010	KM10176322	0.01	G373046	31/12/2010	KM10183625	0.01	0.000
KBDD10082	G373430	1/10/2011	KM10183628	0.01	G373441	21/01/2011	KM10183629	0.01	0.000
KBDD10092	G373582	21/01/2011	KM10183629	0.01	G373600	21/01/2011	KM10183629	0.01	0.000
KBDD11136	G466956	29/07/2011	KM11099601	0.01	G466970	29/07/2011	KM11099601	0.01	0.000
KBDD11137	G467115	29/07/2011	KM11099602	0.01	G467127	29/07/2011	KM11099602	0.01	0.000
KBDD11138	G467682	29/07/2011	KM11099604	0.01	G467694	29/07/2011	KM11099604	0.01	0.000
KBDD11115	G474582	26/05/2011	KM11054874	0.01	G474594	26/05/2011	KM11054874	0.01	0.000
KBDD11117	G474655	22/07/2011	KM11060287	0.01	G474668	22/07/2011	KM11060287	0.01	0.000
KBDD11118	G475014	23/07/2011	KM11060289	0.01	G475023	23/07/2011	KM11060289	0.01	0.000

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD11132	G478281	14/10/2011	KM11093252	0.01	G478292	14/10/2011	KM11093252	0.01	0.000
KBDD10092	G373523	21/01/2011	KM10183629	0.01	G373541	21/01/2011	KM10183629	0.02	0.214
KBDD11121	G475482	22/07/2011	KM11060282	0.01	G475493	22/07/2011	KM11060282	0.02	0.214
KBDD11142	G468953	9/07/2011	KM11129323	0.01	G468962	9/07/2011	KM11129323	0.02	0.241
KBDD11119	G475057	23/07/2011	KM11060289	0.01	G475070	23/07/2011	KM11060289	0.02	0.353
KBDD10089	G373864	20/01/2011	KM10183770	0.01	G373876	21/01/2011	KM10183771	0.03	0.405
KBDD10071	G370511	18/10/2010	KM10146990	0.01	G370526	18/10/2010	KM10146990	0.01	0.000
KBDD10090	G371910	12/11/2010	KM10175847	0.01	G371924	12/11/2010	KM10175847	0.01	0.000
KBDD11141	G468714	9/07/2011	KM11129322	0.01	G468726	9/07/2011	KM11129322	0.01	0.000
KBDD11142	G469300	9/06/2011	KM11129324	0.01	G469308	9/06/2011	KM11129324	0.01	0.000
KBDD11144	G469815	9/12/2011	KM11140778	0.01	G469825	9/12/2011	KM11140778	0.01	0.000
KBDD11144	G469944	9/09/2011	KM11140779	0.01	G469953	9/09/2011	KM11140779	0.01	0.000
KBDD10099	G470759	22/01/2011	KM11007758	0.01	G470771	22/01/2011	KM11007758	0.01	0.000
KBDD11117	G474716	22/07/2011	KM11060287	0.01	G474726	22/07/2011	KM11060287	0.01	0.000
KBDD11122	G475684	29/08/2011	KM11060283	0.01	G475697	29/08/2011	KM11060283	0.01	0.000
KBDD11122	G475753	29/08/2011	KM11060283	0.01	G475768	29/08/2011	KM11060283	0.01	0.000
KBDD11126	G476613	22/08/2011	KM11061583	0.01	G476626	22/08/2011	KM11061583	0.01	0.000
KBDD11127	G476684	22/08/2011	KM11061583	0.01	G476700	22/08/2011	KM11061583	0.01	0.000
KBDD11127	G476916	29/07/2011	KM11061584	0.01	G476928	29/07/2011	KM11061584	0.01	0.000
KBDD11129	G477283	14/10/2011	KM11093097	0.01	G477323	14/10/2011	KM11093097	0.01	0.000
KBDD11130	G477483	24/09/2011	KM11093098	0.01	G477495	24/09/2011	KM11093098	0.01	0.000
KBDD11144	G382117	24/07/2011	KM11138246	0.01	G382128	24/07/2011	KM11138246	0.02	0.143
KBDD11144	G382030	9/09/2011	KM11140779	0.01	G382040	9/09/2011	KM11140779	0.03	0.368
KBDD11128	G477082	29/07/2011	KM11061585	0.01	G477092	29/07/2011	KM11061585	0.03	0.400
KBDD10071	G370355	18/10/2010	KM10145779	0.01	G370361	18/10/2010	KM10145779	0.01	0.000
KBDD10077	G370665	18/10/2010	KM10146990	0.01	G370670	18/10/2010	KM10146990	0.01	0.000
KBDD10088	G373158	31/12/2010	KM10183625	0.01	G373164	31/12/2010	KM10183625	0.01	0.000
KBDD11134	G466214	21/08/2011	KM11094264	0.01	G466225	21/08/2011	KM11094264	0.01	0.000
KBDD11111	G473653	21/05/2011	KM11054609	0.01	G473668	21/05/2011	KM11054609	0.01	0.000
KBDD11112	G473759	21/05/2011	KM11054609	0.01	G473770	21/05/2011	KM11054609	0.01	0.000
KBDD11121	G475554	22/07/2011	KM11060282	0.01	G475565	22/07/2011	KM11060282	0.01	0.000

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD11133	G478517	8/10/2011	KM11094261	0.01	G478528	8/10/2011	KM11094261	0.01	0.000
KBDD11123	G475815	22/07/2011	KM11060284	0.01	G475825	22/07/2011	KM11060284	0.02	0.071
KBDD11107	G472385	16/04/2011	KM11054602	0.01	G472397	16/04/2011	KM11054602	0.02	0.235
KBDD10097	G470616	4/09/2011	KM10184957	0.01	G470625	4/09/2011	KM10184957	0.02	0.297
KBDD10085	G371281	27/10/2010	KM10146993	0.01	G371302	27/10/2010	KM10146993	0.06	0.662
KBDD10071	G370424	18/10/2010	KM10145779	0.01	G370435	18/10/2010	KM10145779	0.01	0.000
KBDD10071	G370522	18/10/2010	KM10146990	0.01	G370545	18/10/2010	KM10146990	0.01	0.000
KBDD10086	G371378	27/10/2010	KM10146993	0.01	G371381	27/10/2010	KM10146993	0.01	0.000
KBDD10087	G371793	12/05/2010	KM10175846	0.01	G371809	12/05/2010	KM10175846	0.01	0.000
KBDD11145	G382501	28/09/2011	KM11148261	0.01	G382513	28/09/2011	KM11148261	0.01	0.000
KBDD11146	G382587	28/09/2011	KM11148261	0.01	G382598	27/09/2011	KM11148262	0.01	0.000
KBDD11143	G469470	11/09/2011	KM11140777	0.01	G469480	11/09/2011	KM11140777	0.01	0.000
KBDD10102	G471458	13/05/2011	KM11012802	0.01	G471473	13/05/2011	KM11012802	0.01	0.000
KBDD11121	G475453	22/07/2011	KM11060282	0.01	G475468	22/07/2011	KM11060282	0.01	0.000
KBDD10089	G373989	21/01/2011	KM10183771	0.01	G374000	21/01/2011	KM10183771	0.17	0.844
KBDD10078	G374582	2/05/2011	KM10183774	0.02	G374594	2/05/2011	KM10183774	0.02	0.000
KBDD10087	G371737	12/05/2010	KM10175846	0.02	G371742	12/05/2010	KM10175846	0.02	0.032
KBDD11141	G468883	9/07/2011	KM11129322	0.02	G468894	9/07/2011	KM11129322	0.02	0.032
KBDD10087	G371778	12/05/2010	KM10175846	0.02	G371786	12/05/2010	KM10175846	0.01	0.034
KBDD11139	G467754	30/07/2011	KM11111546	0.02	G467766	30/07/2011	KM11111546	0.01	0.034
KBDD10089	G373765	20/01/2011	KM10183770	0.02	G373775	20/01/2011	KM10183770	0.01	0.071
KBDD11127	G476857	29/07/2011	KM11061584	0.02	G476870	29/07/2011	KM11061584	0.02	0.091
KBDD11124	G476082	22/07/2011	KM11060285	0.02	G476093	22/07/2011	KM11060285	0.02	0.167
KBDD10082	G370780	19/10/2010	KM10146991	0.02	G370786	19/10/2010	KM10146991	0.01	0.200
KBDD11145	G382295	28/09/2011	KM11148260	0.02	G382301	28/09/2011	KM11148260	0.01	0.200
KBDD11132	G478419	14/10/2011	KM11093253	0.02	G478437	14/10/2011	KM11093253	0.01	0.200
KBDD10071	G370498	18/10/2010	KM10145779	0.02	G370506	18/10/2010	KM10146990	0.02	0.000
KBDD10090	G372138	12/10/2010	KM10175848	0.02	G372144	12/10/2010	KM10175848	0.02	0.059
KBDD10070	G370176	19/10/2010	KM10145778	0.02	G370185	19/10/2010	KM10145778	0.02	0.111
KBDD10103	G471681	25/01/2011	KM11008970	0.02	G471694	25/01/2011	KM11008970	0.02	0.179
KBDD11124	G476121	22/07/2011	KM11060285	0.02	G476132	22/07/2011	KM11060285	0.01	0.185

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10072	G370835	19/10/2010	KM10146991	0.02	G370843	19/10/2010	KM10146991	0.01	0.231
KBDD10093	G374862	2/10/2011	KM10184954	0.02	G374875	2/10/2011	KM10184954	0.01	0.231
KBDD10093	G470062	16/02/2011	KM10184955	0.02	G470073	16/02/2011	KM10184955	0.01	0.231
KBDD10100	G471056	5/04/2011	KM11012801	0.02	G471070	5/04/2011	KM11012801	0.03	0.304
KBDD10079	G370685	18/10/2010	KM10146990	0.02	G370700	18/10/2010	KM10146990	0.01	0.097
KBDD11146	G382759	27/09/2011	KM11148262	0.02	G382770	27/09/2011	KM11148262	0.01	0.097
KBDD11137	G467256	29/07/2011	KM11099602	0.02	G467270	20/06/2011	KM11099603	0.01	0.259
KBDD11132	G478485	14/10/2011	KM11093253	0.02	G478495	14/10/2011	KM11093253	0.05	0.469
KBDD10070	G370253	18/10/2010	KM10145779	0.02	G370262	18/10/2010	KM10145779	0.10	0.717
KBDD10098	G373370	1/10/2011	KM10183628	0.02	G373382	1/10/2011	KM10183628	0.03	0.308
KBDD11142	G469043	9/07/2011	KM11129323	0.02	G469050	9/07/2011	KM11129323	0.02	0.118
KBDD10103	G471721	25/01/2011	KM11008970	0.02	G471732	25/01/2011	KM11008970	0.03	0.136
KBDD11125	G476187	23/07/2011	KM11061581	0.02	G476196	23/07/2011	KM11061581	0.03	0.136
KBDD10077	G374688	2/10/2011	KM10183775	0.02	G374700	2/10/2011	KM10183775	0.01	0.152
KBDD11142	G469388	9/05/2011	KM11129325	0.02	G469400	9/05/2011	KM11129325	0.01	0.152
KBDD10077	G374715	2/10/2011	KM10183775	0.02	G374734	2/10/2011	KM10183775	0.03	0.174
KBDD10088	G373188	31/12/2010	KM10183625	0.02	G373203	31/12/2010	KM10183625	0.01	0.310
KBDD10101	G471383	25/01/2011	KM11008970	0.02	G471393	25/01/2011	KM11008970	0.01	0.310
KBDD11126	G476453	22/07/2011	KM11061582	0.02	G476468	22/07/2011	KM11061582	0.01	0.310
KBDD10087	G371720	12/05/2010	KM10175846	0.02	G371733	12/05/2010	KM10175846	0.02	0.070
KBDD11145	G382241	28/09/2011	KM11148260	0.02	G382250	28/09/2011	KM11148260	0.02	0.143
KBDD11139	G467783	30/07/2011	KM11111546	0.02	G467795	30/07/2011	KM11111546	0.01	0.176
KBDD11146	G382630	27/09/2011	KM11148262	0.02	G382641	27/09/2011	KM11148262	0.01	0.333
KBDD10091	G372468	21/12/2010	KM10175849	0.02	G372484	21/12/2010	KM10175849	0.02	0.000
KBDD11138	G467515	29/07/2011	KM11099604	0.02	G467528	29/07/2011	KM11099604	0.01	0.000
KBDD10082	G370760	19/10/2010	KM10146991	0.02	G370770	19/10/2010	KM10146991	0.02	0.023
KBDD10091	G372348	21/12/2010	KM10175849	0.02	G372364	21/12/2010	KM10175849	0.03	0.143
KBDD11125	G476317	23/07/2011	KM11061581	0.02	G476327	23/07/2011	KM11061581	0.01	0.200
KBDD11143	G469428	11/09/2011	KM11140777	0.02	G469437	11/09/2011	KM11140777	0.01	0.235
KBDD11125	G476281	23/07/2011	KM11061581	0.02	G476293	23/07/2011	KM11061581	0.01	0.235
KBDD10084	G374186	28/01/2011	KM10183772	0.02	G374200	28/01/2011	KM10183772	0.03	0.064

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10101	G471281	24/01/2011	KM11007759	0.02	G471293	24/01/2011	KM11007759	0.03	0.102
KBDD11115	G474453	26/05/2011	KM11054874	0.02	G474468	26/05/2011	KM11054874	0.02	0.158
KBDD10086	G371434	27/10/2010	KM10146993	0.02	G371443	27/10/2010	KM10146993	0.01	0.375
KBDD11131	G478116	22/10/2011	KM11093251	0.02	G478127	22/10/2011	KM11093251	0.02	0.122
KBDD10103	G471663	25/01/2011	KM11008970	0.02	G471675	25/01/2011	KM11008970	0.03	0.132
KBDD11138	G467554	29/07/2011	KM11099604	0.02	G467566	29/07/2011	KM11099604	0.02	0.179
KBDD10071	G370339	18/10/2010	KM10145779	0.02	G370345	18/10/2010	KM10145779	0.03	0.193
KBDD11125	G476413	22/07/2011	KM11061582	0.02	G476425	22/07/2011	KM11061582	0.01	0.243
KBDD10083	G374060	21/01/2011	KM10183771	0.02	G374075	28/01/2011	KM10183772	0.11	0.652
KBDD11111	G473485	23/05/2011	KM11054608	0.02	G473496	23/05/2011	KM11054608	0.02	0.043
KBDD10101	G471324	24/01/2011	KM11007759	0.02	G471333	24/01/2011	KM11007759	0.04	0.238
KBDD10094	G470321	16/02/2011	KM10184956	0.02	G470334	16/02/2011	KM10184956	0.05	0.360
KBDD11117	G474783	22/07/2011	KM11060287	0.02	G474794	22/07/2011	KM11060287	0.01	0.412
KBDD10097	G470582	4/09/2011	KM10184957	0.03	G470593	4/09/2011	KM10184957	0.02	0.163
KBDD10100	G470957	4/09/2011	KM11012800	0.03	G470972	4/09/2011	KM11012800	0.01	0.389
KBDD11140	G468455	9/06/2011	KM11111549	0.03	G468468	9/06/2011	KM11111549	0.03	0.103
KBDD10084	G374219	28/01/2011	KM10183772	0.03	G374235	28/01/2011	KM10183772	0.01	0.368
KBDD11133	G478559	8/10/2011	KM11094261	0.03	G478572	8/10/2011	KM11094261	0.01	0.444
KBDD10070	G370199	19/10/2010	KM10145778	0.03	G370205	19/10/2010	KM10145778	0.05	0.308
KBDD11110	G473320	20/05/2011	KM11054607	0.03	G473333	20/05/2011	KM11054607	0.01	0.459
KBDD10083	G374118	28/01/2011	KM10183772	0.03	G374135	28/01/2011	KM10183772	0.03	0.000
KBDD11134	G466155	13/08/2011	KM11094263	0.03	G466166	13/08/2011	KM11094263	0.02	0.167
KBDD11145	G382416	28/09/2011	KM11148261	0.03	G382426	28/09/2011	KM11148261	0.06	0.349
KBDD11146	G382888	10/05/2011	KM11148263	0.03	G382899	10/05/2011	KM11148263	0.01	0.474
KBDD11137	G467383	20/06/2011	KM11099603	0.03	G467393	20/06/2011	KM11099603	0.01	0.474
KBDD11118	G474884	29/08/2011	KM11060288	0.03	G474894	29/08/2011	KM11060288	0.09	0.521
KBDD11146	G382546	28/09/2011	KM11148261	0.03	G382555	28/09/2011	KM11148261	0.03	0.018
KBDD10099	G470858	22/01/2011	KM11007758	0.03	G470873	22/01/2011	KM11007758	0.01	0.487
KBDD11139	G467855	30/07/2011	KM11111546	0.03	G467866	30/07/2011	KM11111546	0.03	0.034
KBDD11125	G476219	23/07/2011	KM11061581	0.03	G476231	23/07/2011	KM11061581	0.02	0.333
KBDD11129	G477358	14/10/2011	KM11093097	0.03	G477369	24/09/2011	KM11093098	0.08	0.474

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10090	G372200	12/10/2010	KM10175848	0.03	G372208	12/10/2010	KM10175848	0.26	0.791
KBDD10084	G374157	28/01/2011	KM10183772	0.03	G374172	28/01/2011	KM10183772	0.03	0.069
KBDD11130	G477554	24/09/2011	KM11093098	0.03	G477567	14/10/2011	KM11093099	0.05	0.184
KBDD10085	G371231	20/10/2010	KM10146992	0.03	G371244	20/10/2010	KM10146992	0.01	0.524
KBDD10071	G370320	18/10/2010	KM10145779	0.03	G370325	18/10/2010	KM10145779	0.03	0.119
KBDD11142	G469170	9/06/2011	KM11129324	0.03	G469180	9/06/2011	KM11129324	0.02	0.269
KBDD11131	G478059	22/10/2011	KM11093251	0.03	G478068	22/10/2011	KM11093251	0.01	0.535
KBDD10091	G372437	21/12/2010	KM10175849	0.04	G372443	21/12/2010	KM10175849	0.02	0.273
KBDD11125	G476259	23/07/2011	KM11061581	0.04	G476271	23/07/2011	KM11061581	0.01	0.429
KBDD11146	G382715	27/09/2011	KM11148262	0.04	G382727	27/09/2011	KM11148262	0.02	0.385
KBDD11144	G382159	24/07/2011	KM11138246	0.04	G382170	24/07/2011	KM11138246	0.08	0.356
KBDD11123	G475914	22/07/2011	KM11060284	0.04	G475929	22/07/2011	KM11060284	0.02	0.434
KBDD10100	G470658	4/09/2011	KM11012800	0.04	G470670	4/09/2011	KM11012800	0.03	0.114
KBDD11140	G468284	13/08/2011	KM11111548	0.04	G468293	13/08/2011	KM11111548	0.02	0.322
KBDD10080	G470161	16/02/2011	KM10184955	0.04	G470172	16/02/2011	KM10184955	0.01	0.592
KBDD10099	G470881	24/01/2011	KM11007759	0.04	G470893	24/01/2011	KM11007759	0.04	0.000
KBDD11111	G473584	23/05/2011	KM11054608	0.04	G473596	23/05/2011	KM11054608	0.03	0.096
KBDD10104	G471882	4/12/2011	KM11054600	0.04	G471895	4/12/2011	KM11054600	0.03	0.231
KBDD10098	G373293	1/10/2011	KM10183628	0.04	G373303	1/10/2011	KM10183628	0.06	0.176
KBDD10091	G372500	21/12/2010	KM10175849	0.04	G372507	21/12/2010	KM10175849	0.02	0.313
KBDD10091	G372379	21/12/2010	KM10175849	0.04	G372383	21/12/2010	KM10175849	0.02	0.303
KBDD10071	G370476	18/10/2010	KM10145779	0.05	G370483	18/10/2010	KM10145779	0.02	0.324
KBDD10096	G372829	21/12/2010	KM10176321	0.05	G372846	21/12/2010	KM10176321	0.05	0.011
KBDD11132	G478168	14/10/2011	KM11093252	0.05	G478169	14/10/2011	KM11093252	0.04	0.114
KBDD10074	G372920	21/12/2010	KM10176322	0.05	G372926	21/12/2010	KM10176322	0.05	0.010
KBDD11131	G477985	22/10/2011	KM11093251	0.05	G477994	22/10/2011	KM11093251	0.03	0.235
KBDD11109	G472957	13/05/2011	KM11054605	0.05	G472965	13/05/2011	KM11054605	0.04	0.146
KBDD10093	G374784	2/10/2011	KM10184954	0.05	G374794	2/10/2011	KM10184954	0.07	0.133
KBDD10104	G471919	4/12/2011	KM11054600	0.05	G471933	4/12/2011	KM11054600	0.01	0.651
KBDD10094	G470262	16/02/2011	KM10184956	0.05	G470274	16/02/2011	KM10184956	0.07	0.131
KBDD11106	G472218	13/04/2011	KM11054601	0.05	G472226	16/04/2011	KM11054602	0.01	0.683

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10083	G374085	28/01/2011	KM10183772	0.05	G374100	28/01/2011	KM10183772	0.03	0.256
KBDD10087	G371850	12/05/2010	KM10175846	0.06	G371864	12/05/2010	KM10175846	0.03	0.366
KBDD11127	G476713	22/08/2011	KM11061583	0.06	G476725	22/08/2011	KM11061583	0.01	0.697
KBDD10089	G373812	20/01/2011	KM10183770	0.06	G373835	20/01/2011	KM10183770	0.06	0.026
KBDD10093	G470085	16/02/2011	KM10184955	0.06	G470097	16/02/2011	KM10184955	0.05	0.069
KBDD10098	G373352	1/10/2011	KM10183628	0.06	G373363	1/10/2011	KM10183628	0.05	0.107
KBDD10080	G370716	18/10/2010	KM10146990	0.06	G370722	18/10/2010	KM10146990	0.03	0.363
KBDD10103	G471821	25/01/2011	KM11008971	0.06	G471831	4/12/2011	KM11054600	0.01	0.726
KBDD10093	G470118	16/02/2011	KM10184955	0.06	G470132	16/02/2011	KM10184955	0.06	0.041
KBDD11111	G473619	23/05/2011	KM11054608	0.07	G473631	21/05/2011	KM11054609	0.04	0.269
KBDD11107	G472418	16/04/2011	KM11054602	0.07	G472433	20/04/2011	KM11054603	0.06	0.030
KBDD11140	G468256	13/08/2011	KM11111548	0.07	G468267	13/08/2011	KM11111548	0.10	0.170
KBDD10094	G470222	16/02/2011	KM10184956	0.07	G470233	16/02/2011	KM10184956	0.06	0.108
KBDD10087	G371691	12/05/2010	KM10175846	0.07	G371707	12/05/2010	KM10175846	0.03	0.485
KBDD10098	G373339	1/10/2011	KM10183628	0.08	G373345	1/10/2011	KM10183628	0.06	0.128
KBDD11128	G477055	29/07/2011	KM11061585	0.08	G477070	29/07/2011	KM11061585	0.01	0.765
KBDD11109	G473056	24/05/2011	KM11054606	0.09	G473069	24/05/2011	KM11054606	0.05	0.269
KBDD10088	G373218	31/12/2010	KM10183625	0.09	G373226	31/12/2010	KM10183625	0.02	0.564
KBDD11142	G469123	9/06/2011	KM11129324	0.09	G469133	9/06/2011	KM11129324	0.01	0.762
KBDD10069	G370126	19/10/2010	KM10145778	0.09	G370144	19/10/2010	KM10145778	0.18	0.328
KBDD10103	G471759	25/01/2011	KM11008971	0.09	G471773	25/01/2011	KM11008971	0.17	0.305
KBDD11137	G467216	29/07/2011	KM11099602	0.09	G467227	29/07/2011	KM11099602	0.18	0.311
KBDD11142	G469344	9/05/2011	KM11129325	0.09	G469352	9/05/2011	KM11129325	0.03	0.528
KBDD10090	G372152	12/10/2010	KM10175848	0.10	G372164	12/10/2010	KM10175848	0.10	0.035
KBDD10092	G373457	21/01/2011	KM10183629	0.11	G373466	21/01/2011	KM10183629	0.14	0.114
KBDD10089	G373712	20/01/2011	KM10183770	0.11	G373735	20/01/2011	KM10183770	0.09	0.131
KBDD10091	G372453	21/12/2010	KM10175849	0.11	G372463	21/12/2010	KM10175849	0.04	0.510
KBDD11107	G472617	20/04/2011	KM11054603	0.12	G472629	5/03/2011	KM11054604	0.21	0.264
KBDD10090	G372110	12/10/2010	KM10175848	0.12	G372124	12/10/2010	KM10175848	0.05	0.447
KBDD10090	G371895	12/11/2010	KM10175847	0.12	G371906	12/11/2010	KM10175847	0.18	0.179
KBDD11114	G474185	23/05/2011	KM11054873	0.13	G474196	23/05/2011	KM11054873	0.17	0.147

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD11108	G472784	5/03/2011	KM11054604	0.13	G472796	5/03/2011	KM11054604	0.32	0.429
KBDD10087	G371749	12/05/2010	KM10175846	0.13	G371763	12/05/2010	KM10175846	0.22	0.245
KBDD11140	G468484	9/06/2011	KM11111549	0.13	G468494	9/06/2011	KM11111549	0.06	0.375
KBDD10096	G372800	21/12/2010	KM10176321	0.13	G372807	21/12/2010	KM10176321	0.15	0.043
KBDD11106	G472260	16/04/2011	KM11054602	0.14	G472272	16/04/2011	KM11054602	0.21	0.188
KBDD11142	G469210	9/06/2011	KM11129324	0.15	G469222	9/06/2011	KM11129324	0.25	0.256
KBDD11134	G466253	21/08/2011	KM11094264	0.15	G466266	21/08/2011	KM11094264	0.45	0.505
KBDD10098	G373279	1/10/2011	KM10183628	0.15	G373286	1/10/2011	KM10183628	0.26	0.278
KBDD10085	G371214	20/10/2010	KM10146992	0.15	G371225	20/10/2010	KM10146992	0.05	0.493
KBDD11130	G477659	14/10/2011	KM11093099	0.16	G477670	14/10/2011	KM11093099	0.36	0.400
KBDD11112	G473815	21/05/2011	KM11054609	0.16	G473825	21/05/2011	KM11054870	0.24	0.199
KBDD11131	G477883	26/10/2011	KM11093250	0.18	G477894	26/10/2011	KM11093250	0.18	0.000
KBDD10071	G370410	18/10/2010	KM10145779	0.19	G370426	18/10/2010	KM10145779	0.11	0.246
KBDD11129	G477412	24/09/2011	KM11093098	0.19	G477425	24/09/2011	KM11093098	0.08	0.388
KBDD11112	G473884	21/05/2011	KM11054870	0.19	G473894	21/05/2011	KM11054870	0.36	0.311
KBDD10074	G370587	18/10/2010	KM10146990	0.19	G370600	18/10/2010	KM10146990	0.20	0.018
KBDD10085	G371149	20/10/2010	KM10146992	0.20	G371165	20/10/2010	KM10146992	0.40	0.339
KBDD11137	G467282	20/06/2011	KM11099603	0.20	G467294	20/06/2011	KM11099603	0.19	0.018
KBDD10085	G371058	20/10/2010	KM10146992	0.22	G371066	20/10/2010	KM10146992	0.07	0.533
KBDD11110	G473284	20/05/2011	KM11054607	0.22	G473295	20/05/2011	KM11054607	0.55	0.428
KBDD11134	G466084	13/08/2011	KM11094263	0.25	G466094	13/08/2011	KM11094263	0.78	0.520
KBDD11132	G478385	14/10/2011	KM11093253	0.27	G478394	14/10/2011	KM11093253	0.27	0.009
KBDD11108	G472720	5/03/2011	KM11054604	0.27	G472732	5/03/2011	KM11054604	0.12	0.397
KBDD10090	G372214	12/10/2010	KM10175848	0.27	G372223	12/10/2010	KM10175848	0.23	0.081
KBDD11108	G472685	5/03/2011	KM11054604	0.29	G472698	5/03/2011	KM11054604	0.29	0.014
KBDD10090	G372075	12/11/2010	KM10175847	0.32	G372084	12/11/2010	KM10175847	0.29	0.048
KBDD11141	G468854	9/07/2011	KM11129322	0.32	G468868	9/07/2011	KM11129322	0.16	0.342
KBDD10090	G372169	12/10/2010	KM10175848	0.33	G372183	12/10/2010	KM10175848	0.53	0.237
KBDD11134	G466484	30/08/2011	KM11094265	0.33	G466494	30/08/2011	KM11094265	0.81	0.424
KBDD11132	G478316	14/10/2011	KM11093252	0.35	G478328	14/10/2011	KM11093252	0.22	0.230
KBDD10090	G371939	12/11/2010	KM10175847	0.42	G371945	12/11/2010	KM10175847	0.35	0.091

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10089	G373913	21/01/2011	KM10183771	0.43	G373936	21/01/2011	KM10183771	0.30	0.179
KBDD11124	G476160	22/07/2011	KM11060285	0.46	G476171	22/07/2011	KM11060285	0.28	0.255
KBDD11141	G468654	9/03/2011	KM11129321	0.48	G468668	9/03/2011	KM11129321	0.54	0.059
KBDD10103	G471784	25/01/2011	KM11008971	1.40	G471796	25/01/2011	KM11008971	1.40	0.002
KBDD11113	G474056	23/05/2011	KM11054872	8.59	G474069	23/05/2011	KM11054872	8.51	0.005
KBDD11105	G472058	13/04/2011	KM11054601	2.31	G472073	13/04/2011	KM11054601	2.27	0.009
KBDD10090	G372049	12/11/2010	KM10175847	4.80	G372061	12/11/2010	KM10175847	4.94	0.014
KBDD10086	G370795	19/10/2010	KM10146991	3.58	G370803	19/10/2010	KM10146991	3.74	0.022
KBDD10085	G371040	20/10/2010	KM10146992	1.56	G371049	20/10/2010	KM10146992	1.64	0.025
KBDD11143	G469555	11/09/2011	KM11140777	0.71	G469567	11/09/2011	KM11140777	0.74	0.026
KBDD10074	G372934	21/12/2010	KM10176322	0.86	G372944	21/12/2010	KM10176322	0.92	0.033
KBDD11144	G469648	24/07/2011	KM11138246	0.87	G469655	24/07/2011	KM11138246	0.94	0.038
KBDD11136	G467014	29/07/2011	KM11099601	2.71	G467027	29/07/2011	KM11099601	2.47	0.046
KBDD11142	G469093	9/07/2011	KM11129323	3.21	G469100	9/07/2011	KM11129323	3.54	0.049
KBDD10086	G371572	25/10/2010	KM10146994	1.13	G371589	25/10/2010	KM10146994	1.01	0.056
KBDD10095	G372560	21/12/2010	KM10176320	4.78	G372567	21/12/2010	KM10176320	5.35	0.056
KBDD10090	G371881	12/05/2010	KM10175846	2.45	G371891	12/11/2010	KM10175847	2.76	0.060
KBDD10098	G373310	1/10/2011	KM10183628	0.50	G373322	1/10/2011	KM10183628	0.44	0.063
KBDD10086	G371557	25/10/2010	KM10146994	1.75	G371564	25/10/2010	KM10146994	2.00	0.067
KBDD11144	G469687	24/07/2011	KM11138246	1.00	G469695	24/07/2011	KM11138246	0.87	0.072
KBDD10086	G371521	25/10/2010	KM10146994	3.24	G371542	25/10/2010	KM10146994	3.78	0.077
KBDD10088	G373054	31/12/2010	KM10183625	0.57	G373064	31/12/2010	KM10183625	0.69	0.090
KBDD10070	G370220	19/10/2010	KM10145778	4.94	G370225	19/10/2010	KM10145778	4.12	0.091
KBDD11138	G467582	29/07/2011	KM11099604	10.00	G467593	29/07/2011	KM11099604	8.29	0.093
KBDD10086	G371473	27/10/2010	KM10146993	0.69	G371486	27/10/2010	KM10146993	0.84	0.097
KBDD11133	G478682	8/10/2011	KM11094261	5.63	G478693	8/10/2011	KM11094261	4.35	0.128
KBDD10091	G372392	21/12/2010	KM10175849	0.91	G372407	21/12/2010	KM10175849	0.67	0.149
KBDD10100	G470983	4/09/2011	KM11012800	0.58	G470997	4/09/2011	KM11012800	0.42	0.162
KBDD10086	G371392	27/10/2010	KM10146993	2.07	G371404	27/10/2010	KM10146993	2.96	0.177
KBDD10090	G372092	12/11/2010	KM10175847	0.80	G372104	12/10/2010	KM10175848	0.54	0.195
KBDD11110	G473362	20/05/2011	KM11054607	0.51	G473374	20/05/2011	KM11054607	0.34	0.202

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10086	G371513	25/10/2010	KM10146994	0.69	G371527	25/10/2010	KM10146994	0.46	0.204
KBDD11114	G474210	23/05/2011	KM11054873	2.86	G474224	23/05/2011	KM11054873	4.53	0.226
KBDD11138	G467614	29/07/2011	KM11099604	3.72	G467627	29/07/2011	KM11099604	5.90	0.227
KBDD10090	G372038	12/11/2010	KM10175847	1.81	G372042	12/11/2010	KM10175847	3.10	0.264
KBDD11141	G468614	9/03/2011	KM11129321	1.68	G468625	9/03/2011	KM11129321	2.96	0.277
KBDD10069	G370096	19/10/2010	KM10145778	2.91	G370104	19/10/2010	KM10145778	5.62	0.318
KBDD11112	G473917	21/05/2011	KM11054870	0.51	G473930	21/05/2011	KM11054870	0.26	0.329
KBDD11135	G466681	25/08/2011	KM11094266	2.02	G466694	25/08/2011	KM11094266	4.06	0.336
KBDD11113	G474087	23/05/2011	KM11054872	3.57	G474100	23/05/2011	KM11054872	1.74	0.346
KBDD10089	G373692	20/01/2011	KM10183770	1.83	G373700	20/01/2011	KM10183770	0.89	0.347
KBDD11134	G466056	13/08/2011	KM11094263	1.57	G466066	13/08/2011	KM11094263	3.24	0.347
KBDD10085	G371070	20/10/2010	KM10146992	8.53	G371091	20/10/2010	KM10146992	3.69	0.396
KBDD11134	G466384	21/08/2011	KM11094264	2.02	G466426	30/08/2011	KM11094265	0.87	0.397
KBDD11142	G469253	9/06/2011	KM11129324	2.80	G469263	9/06/2011	KM11129324	6.68	0.409
KBDD10091	G372317	21/12/2010	KM10175849	0.62	G372321	21/12/2010	KM10175849	1.51	0.414
KBDD11109	G473084	24/05/2011	KM11054606	0.70	G473098	24/05/2011	KM11054606	1.74	0.427
KBDD10069	G370141	19/10/2010	KM10145778	1.00	G370160	19/10/2010	KM10145778	2.58	0.442
KBDD11134	G466383	21/08/2011	KM11094264	3.95	G466395	21/08/2011	KM11094264	1.51	0.448
KBDD10086	G371450	27/10/2010	KM10146993	3.20	G371462	27/10/2010	KM10146993	1.00	0.525
								Total	**71.296**
				Result =>0.1ppm Au =>2 Standard deviations					**0.323**

Low grade high variance pairs omitted:

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10085	G371149	20/10/2010	KM10146992	0.20	G371182	20/10/2010	KM10146992	0.02	0.832
KBDD10085	G371256	27/10/2010	KM10146993	0.23	G371263	27/10/2010	KM10146993	0.03	0.755
KBDD10085	G371256	27/10/2010	KM10146993	0.23	G371286	27/10/2010	KM10146993	0.01	0.916
KBDD10086	G371585	25/10/2010	KM10146994	0.36	G371603	25/10/2010	KM10146994	0.08	0.633
KBDD10086	G371631	25/10/2010	KM10146994	0.33	G371644	25/10/2010	KM10146994	0.08	0.608
KBDD10096	G372814	21/12/2010	KM10176321	0.20	G372823	21/12/2010	KM10176321	0.03	0.719
KBDD11144	G469733	24/07/2011	KM11138246	0.30	G469740	24/07/2011	KM11138246	0.06	0.672
KBDD10101	G471362	25/01/2011	KM11008970	0.30	G471373	25/01/2011	KM11008970	0.07	0.628
KBDD11107	G472419	16/04/2011	KM11054602	0.16	G472468	20/04/2011	KM11054603	0.01	0.880
KBDD11107	G472483	20/04/2011	KM11054603	0.15	G472497	20/04/2011	KM11054603	0.01	0.873
KBDD11128	G477114	29/07/2011	KM11061585	0.26	G477132	29/07/2011	KM11061585	0.05	0.684
KBDD11130	G477684	14/10/2011	KM11093099	0.10	G477695	14/10/2011	KM11093099	0.01	0.776
KBDD11133	G478784	29/08/2011	KM11094262	0.29	G478795	29/08/2011	KM11094262	0.01	0.934

High value "Flyers" omitted:

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10085	G371117	20/10/2010	KM10146992	0.01	G371141	20/10/2010	KM10146992	4.58	0.994
KBDD10085	G371199	20/10/2010	KM10146992	3.79	G371203	20/10/2010	KM10146992	0.39	0.816
KBDD10086	G371614	25/10/2010	KM10146994	2.67	G371626	25/10/2010	KM10146994	0.73	0.570
KBDD10086	G371417	27/10/2010	KM10146993	1.02	G371422	27/10/2010	KM10146993	0.13	0.771
KBDD10090	G371955	12/11/2010	KM10175847	0.75	G371966	12/11/2010	KM10175847	2.49	0.539
KBDD10090	G371969	12/11/2010	KM10175847	0.06	G371982	12/11/2010	KM10175847	1.29	0.918
KBDD10090	G371997	12/11/2010	KM10175847	0.04	G372009	12/11/2010	KM10175847	1.46	0.948
KBDD10089	G373665	21/01/2011	KM10183629	0.47	G373675	20/01/2011	KM10183770	0.11	0.614
KBDD10099	G470822	22/01/2011	KM11007758	2.20	G470833	22/01/2011	KM11007758	10.00	0.639
KBDD11108	G472819	5/03/2011	KM11054604	0.52	G472826	13/05/2011	KM11054605	0.10	0.689
KBDD10075	G374483	2/05/2011	KM10183774	0.01	G374495	2/05/2011	KM10183774	1.81	0.989
KBDD11134	G466283	21/08/2011	KM11094264	0.14	G466293	21/08/2011	KM11094264	1.05	0.763
KBDD11120	G475320	24/09/2011	KM11061120	0.54	G475333	24/09/2011	KM11061120	3.24	0.712
KBDD11131	G477914	26/10/2011	KM11093250	0.07	G477926	26/10/2011	KM11093250	4.62	0.971

Highlight green: Variance =>2 SD's but retained in dataset

Absolute Mean Percentage Difference (**AMPD)**= 100 / n x Sum (IAu1-AuDI) / (Au1+ AuD)

where: **n** = Total number of duplicate pairs
Au1 = Original value
AuD = Duplicate value

AMPD = 100 /574 x 71.3
AMPD = 12.4%
The **AMPD** of 574 field duplicate pairs in the range 0.01 - 10.00ppm Au is 12.4%
The **AMPD** x 1.98 is the precision of the system.

Precision at the 95% confidence level is 24.6% in the range 0.01 - 10.00 ppm Au.

Precision for other ranges is:

Range ppm	n	Sum	P	
=>0.1-10.00	89	19.2	43.1	
=>0.5-10.00	47	8.8	37.8	**Resource range**
=>0.3 < 0.6	14	2.7	40.9	**Cut-off range**

P = Precision **n** = Number in dataset

The highest 10 AMD values exceeding 0.5 ppm Au are:

HoleID	SpleID	Date	Batch	Au1	DupID	Date	DUPBatch	AuD	AMD
KBDD10089	G373692	20/01/2011	KM10183770	1.83	G373700	20/01/2011	KM10183770	0.89	0.347
KBDD11134	G466056	13/08/2011	KM11094263	1.57	G466066	13/08/2011	KM11094263	3.24	0.347
KBDD10085	G371070	20/10/2010	KM10146992	8.53	G371091	20/10/2010	KM10146992	3.69	0.396
KBDD11134	G466384	21/08/2011	KM11094264	2.02	G466426	30/08/2011	KM11094265	0.87	0.397
KBDD11142	G469253	9/06/2011	KM11129324	2.80	G469263	9/06/2011	KM11129324	6.68	0.409
KBDD10091	G372317	21/12/2010	KM10175849	0.62	G372321	21/12/2010	KM10175849	1.51	0.414
KBDD11109	G473084	24/05/2011	KM11054606	0.70	G473098	24/05/2011	KM11054606	1.74	0.427
KBDD10069	G370141	19/10/2010	KM10145778	1.00	G370160	19/10/2010	KM10145778	2.58	0.442
KBDD11134	G466383	21/08/2011	KM11094264	3.95	G466395	21/08/2011	KM11094264	1.51	0.448
KBDD10086	G371450	27/10/2010	KM10146993	3.20	G371462	27/10/2010	KM10146993	1.00	0.525

15 Appendix 6 – Pulp Duplicates

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
KBDD11160	G385961	17/11/2011	KM11231372	0.10	AA24D	G385961	28/12/2011	KM11257771	0.10	AA26D	0.000
KBDD11160	G482233	17/11/2011	KM11231372	0.10	AA24A	G482233	28/12/2011	KM11257771	0.12	AA26A	0.091
KBDD11160	G385940	17/11/2011	KM11231372	0.11	AA24TR	G385940	28/12/2011	KM11257771	0.11	AA26T	0.000
KBDD11160	G385983	17/11/2011	KM11231372	0.11	AA24A	G385983	28/12/2011	KM11257771	0.10	AA26A	0.048
KBDD11160	G385963	17/11/2011	KM11231372	0.11	AA24D4	G385963	28/12/2011	KM11257771	0.06	AA26D	0.294
KBDD11160	G385966	17/11/2011	KM11231372	0.11	AA24A	G385966	28/12/2011	KM11257771	0.06	AA26A	0.294
KBDD11160	G385940	17/11/2011	KM11231372	0.12	AA24A	G385940	28/12/2011	KM11257771	0.13	AA26A	0.040
KBDD11160	G385940	17/11/2011	KM11231372	0.12	AA24D	G385940	28/12/2011	KM11257771	0.14	AA26D	0.077
KBDD11160	G482233	17/11/2011	KM11231372	0.12	AA24TR	G482233	28/12/2011	KM11257771	0.09	AA26T	0.143
KBDD11160	G385966	17/11/2011	KM11231372	0.12	AA24D	G385966	28/12/2011	KM11257771	0.08	AA26D	0.200
KBDD11160	G385985	17/11/2011	KM11231372	0.12	AA24A	G385985	28/12/2011	KM11257771	0.25	AA26A	0.351
KBDD11160	G482241	17/11/2011	KM11231372	0.12	AA24D4	G482241	28/12/2011	KM11257771	0.02	AA26D	0.714
KBDD11160	G385971	17/11/2011	KM11231372	0.13	AA24A	G385971	28/12/2011	KM11257771	0.14	AA26A	0.037
KBDD11160	G385985	17/11/2011	KM11231372	0.13	AA24TR	G385985	28/12/2011	KM11257771	0.41	AA26T	0.519
KBDD11160	G482233	17/11/2011	KM11231372	0.14	AA24D4	G482233	28/12/2011	KM11257771	0.15	AA26D	0.034
KBDD11160	G385949	17/11/2011	KM11231372	0.14	AA24D	G385949	28/12/2011	KM11257771	0.17	AA26D	0.097
KBDD11155	G385258	21/11/2011	KM11176008	0.14	AA24D4	G385258	12/12/2011	KM11257770	0.10	AA26D	0.167
KBDD11160	G385949	17/11/2011	KM11231372	0.14	AA24A	G385949	28/12/2011	KM11257771	0.23	AA26A	0.243
KBDD11160	G385971	17/11/2011	KM11231372	0.14	AA24D	G385971	28/12/2011	KM11257771	0.24	AA26D	0.263
KBDD11160	G482244	17/11/2011	KM11231372	0.14	AA24D	G482244	28/12/2011	KM11257771	0.02	AA26D	0.750
KBDD11160	G385937	17/11/2011	KM11231372	0.15	AA24TR	G385937	28/12/2011	KM11257771	0.15	AA26T	0.000
KBDD11160	G385985	17/11/2011	KM11231372	0.15	AA24D4	G385985	28/12/2011	KM11257771	0.17	AA26D	0.063
KBDD11160	G385971	17/11/2011	KM11231372	0.15	AA24D4	G385971	28/12/2011	KM11257771	0.13	AA26D	0.071
KBDD11160	G385949	17/11/2011	KM11231372	0.16	AA24D4	G385949	28/12/2011	KM11257771	0.14	AA26D	0.067
KBDD11155	G385268	21/11/2011	KM11176008	0.16	AA24D	G385268	12/12/2011	KM11257770	0.21	AA26D	0.135
KBDD11160	G385949	17/11/2011	KM11231372	0.16	AA24TR	G385949	28/12/2011	KM11257771	0.22	AA26T	0.158
KBDD11160	G385971	17/11/2011	KM11231372	0.16	AA24TR	G385971	28/12/2011	KM11257771	0.06	AA26T	0.455

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
KBDD11160	G385986	17/11/2011	KM11231372	0.16	AA24D4	G385986	28/12/2011	KM11257771	0.05	AA26D	0.524
KBDD11160	G385963	17/11/2011	KM11231372	0.17	AA24D	G385963	28/12/2011	KM11257771	0.16	AA26D	0.030
KBDD11155	G385268	21/11/2011	KM11176008	0.17	AA24A	G385268	12/12/2011	KM11257770	0.22	AA26A	0.128
KBDD11160	G385983	17/11/2011	KM11231372	0.17	AA24TR	G385983	28/12/2011	KM11257771	0.09	AA26T	0.308
KBDD11160	G385977	17/11/2011	KM11231372	0.18	AA24A	G385977	28/12/2011	KM11257771	0.64	AA26A	0.561
KBDD11160	G385985	17/11/2011	KM11231372	0.19	AA24D	G385985	28/12/2011	KM11257771	0.25	AA26D	0.136
KBDD11160	G385982	17/11/2011	KM11231372	0.19	AA24TR	G385982	28/12/2011	KM11257771	0.10	AA26T	0.310
KBDD11160	G482236	17/11/2011	KM11231372	0.20	AA24TR	G482236	28/12/2011	KM11257771	0.19	AA26T	0.026
KBDD11160	G385937	17/11/2011	KM11231372	0.20	AA24A	G385937	28/12/2011	KM11257771	0.18	AA26A	0.053
KBDD11155	G385258	21/11/2011	KM11176008	0.20	AA24D	G385258	12/12/2011	KM11257770	0.10	AA26D	0.333
KBDD11160	G385968	17/11/2011	KM11231372	0.21	AA24D4	G385968	28/12/2011	KM11257771	0.23	AA26D	0.045
KBDD11160	G482236	17/11/2011	KM11231372	0.21	AA24D	G482236	28/12/2011	KM11257771	0.25	AA26D	0.087
KBDD11160	G385937	17/11/2011	KM11231372	0.22	AA24D	G385937	28/12/2011	KM11257771	0.24	AA26D	0.043
KBDD11160	G385969	17/11/2011	KM11231372	0.22	AA24A	G385969	28/12/2011	KM11257771	0.38	AA26A	0.267
KBDD11160	G385983	17/11/2011	KM11231372	0.22	AA24D4	G385983	28/12/2011	KM11257771	0.11	AA26D	0.333
KBDD11160	G385937	17/11/2011	KM11231372	0.24	AA24D4	G385937	28/12/2011	KM11257771	0.26	AA26D	0.040
KBDD11160	G385947	17/11/2011	KM11231372	0.24	AA24A	G385947	28/12/2011	KM11257771	0.27	AA26A	0.059
KBDD11160	G385977	17/11/2011	KM11231372	0.25	AA24D4	G385977	28/12/2011	KM11257771	0.20	AA26D	0.111
KBDD11160	G385947	17/11/2011	KM11231372	0.26	AA24TR	G385947	28/12/2011	KM11257771	0.30	AA26T	0.071
KBDD11160	G385940	17/11/2011	KM11231372	0.26	AA24D4	G385940	28/12/2011	KM11257771	0.06	AA26D	0.625
KBDD11160	G385947	17/11/2011	KM11231372	0.27	AA24D	G385947	28/12/2011	KM11257771	0.57	AA26D	0.357
KBDD11160	G385969	17/11/2011	KM11231372	0.28	AA24TR	G385969	28/12/2011	KM11257771	0.22	AA26T	0.120
KBDD11155	G385268	21/11/2011	KM11176008	0.28	AA24D4	G385268	12/12/2011	KM11257770	0.21	AA26D	0.143
KBDD11160	G385948	17/11/2011	KM11231372	0.28	AA24D	G385948	28/12/2011	KM11257771	0.45	AA26D	0.233
KBDD11160	G385928	17/11/2011	KM11231372	0.28	AA24A	G385928	28/12/2011	KM11257771	0.97	AA26A	0.552
KBDD11176	G432624	28/11/2011	KM11242300	0.29	AA24D	G432624	3/01/2012	KM11253508_KM11253506	0.18	AA24D	0.234
KBDD11160	G385948	17/11/2011	KM11231372	0.29	AA24A	G385948	28/12/2011	KM11257771	0.56	AA26A	0.318
KBDD11155	G385255	21/11/2011	KM11176008	0.29	AA24D	G385255	12/12/2011	KM11257770	1.15	AA26D	0.597
KBDD11160	G385977	17/11/2011	KM11231372	0.30	AA24D	G385977	28/12/2011	KM11257771	0.13	AA26D	0.395
KBDD11160	G482236	17/11/2011	KM11231372	0.31	AA24D4	G482236	28/12/2011	KM11257771	0.21	AA26D	0.192
KBDD11160	G385948	17/11/2011	KM11231372	0.32	AA24TR	G385948	28/12/2011	KM11257771	0.49	AA26T	0.210

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
KBDD11160	G385969	17/11/2011	KM11231372	0.34	AA24D	G385969	28/12/2011	KM11257771	0.37	AA26D	0.042
KBDD11160	G385968	17/11/2011	KM11231372	0.34	AA24A	G385968	28/12/2011	KM11257771	0.27	AA26A	0.115
KBDD11160	G385947	17/11/2011	KM11231372	0.34	AA24D4	G385947	28/12/2011	KM11257771	0.24	AA26D	0.172
KBDD11160	G385969	17/11/2011	KM11231372	0.35	AA24D4	G385969	28/12/2011	KM11257771	0.25	AA26D	0.167
KBDD11155	G385255	21/11/2011	KM11176008	0.35	AA24D4	G385255	12/12/2011	KM11257770	0.90	AA26D	0.440
KBDD11160	G385928	17/11/2011	KM11231372	0.37	AA24D4	G385928	28/12/2011	KM11257771	0.24	AA26D	0.213
KBDD11160	G385968	17/11/2011	KM11231372	0.38	AA24D	G385968	28/12/2011	KM11257771	0.41	AA26D	0.038
KBDD11160	G385981	17/11/2011	KM11231372	0.38	AA24D	G385981	28/12/2011	KM11257771	0.29	AA26D	0.134
KBDD11160	G385970	17/11/2011	KM11231372	0.38	AA24D	G385970	28/12/2011	KM11257771	0.73	AA26D	0.315
KBDD11160	G385928	17/11/2011	KM11231372	0.39	AA24TR	G385928	28/12/2011	KM11257771	0.19	AA26T	0.345
KBDD11160	G385970	17/11/2011	KM11231372	0.42	AA24A	G385970	28/12/2011	KM11257771	0.48	AA26A	0.067
KBDD11160	G385981	17/11/2011	KM11231372	0.42	AA24A	G385981	28/12/2011	KM11257771	0.27	AA26A	0.217
KBDD11160	G385928	17/11/2011	KM11231372	0.44	AA24D	G385928	28/12/2011	KM11257771	1.71	AA26D	0.591
KBDD11160	G385990	17/11/2011	KM11231372	0.46	AA24D4	G385990	28/12/2011	KM11257771	0.55	AA26D	0.089
KBDD11160	G385948	17/11/2011	KM11231372	0.47	AA24D4	G385948	28/12/2011	KM11257771	0.24	AA26D	0.324
KBDD11160	G482236	17/11/2011	KM11231372	0.47	AA24A	G482236	28/12/2011	KM11257771	0.20	AA26A	0.403
KBDD11160	G385942	17/11/2011	KM11231372	0.48	AA24TR	G385942	28/12/2011	KM11257771	1.15	AA26T	0.411
KBDD11160	G385967	17/11/2011	KM11231372	1.99	AA24D4	G385967	28/12/2011	KM11257771	1.98	AA26D	0.003
KBDD11160	G385967	17/11/2011	KM11231372	1.90	AA24A	G385967	28/12/2011	KM11257771	1.91	AA26A	0.003
KBDD11176	G432628	28/11/2011	KM11242300	0.98	AA24A	G432628	3/01/2012	KM11253508_KM11253506	0.97	AA24A	0.005
KBDD11160	G385973	17/11/2011	KM11231372	3.39	AA24A	G385973	28/12/2011	KM11257771	3.44	AA26A	0.007
KBDD11160	G385979	17/11/2011	KM11231372	2.02	AA24A	G385979	28/12/2011	KM11257771	2.05	AA26A	0.007
KBDD11160	G385970	17/11/2011	KM11231372	0.53	AA24D4	G385970	28/12/2011	KM11257771	0.54	AA26D	0.009
KBDD11160	G482251	17/11/2011	KM11231372	1.02	AA24A	G482251	28/12/2011	KM11257771	1.00	AA26A	0.010
KBDD11160	G385974	17/11/2011	KM11231372	1.35	AA24A	G385974	28/12/2011	KM11257771	1.32	AA26A	0.011
KBDD11160	G385974	17/11/2011	KM11231372	1.46	AA24D	G385974	28/12/2011	KM11257771	1.50	AA26D	0.014
KBDD11160	G482227	17/11/2011	KM11231372	1.22	AA24D4	G482227	28/12/2011	KM11257771	1.18	AA26D	0.017
KBDD11160	G482227	17/11/2011	KM11231372	1.47	AA24TR	G482227	28/12/2011	KM11257771	1.42	AA26T	0.017
KBDD11160	G482227	17/11/2011	KM11231372	1.29	AA24A	G482227	28/12/2011	KM11257771	1.24	AA26A	0.020
KBDD11160	G385978	17/11/2011	KM11231372	2.90	AA24D	G385978	28/12/2011	KM11257771	2.78	AA26D	0.021
KBDD11176	G432614	28/11/2011	KM11242300	3.86	AA24A	G432614	3/01/2012	KM11253508_KM11253506	4.05	AA24A	0.024

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
KBDD11176	G432622	28/11/2011	KM11242300	1.72	AA24D	G432622	3/01/2012	KM11253508_KM11253506	1.81	AA24D	0.025
KBDD11160	G385930	17/11/2011	KM11231372	3.30	AA24D4	G385930	28/12/2011	KM11257771	3.51	AA26D	0.031
KBDD11160	G385931	17/11/2011	KM11231372	1.90	AA24D	G385931	28/12/2011	KM11257771	1.77	AA26D	0.035
KBDD11160	G385930	17/11/2011	KM11231372	4.12	AA24A	G385930	28/12/2011	KM11257771	3.83	AA26A	0.036
KBDD11160	G385990	17/11/2011	KM11231372	0.62	AA24D	G385990	28/12/2011	KM11257771	0.67	AA26D	0.039
KBDD11160	G385975	17/11/2011	KM11231372	2.34	AA24A	G385975	28/12/2011	KM11257771	2.16	AA26A	0.040
KBDD11176	G432622	28/11/2011	KM11242300	1.68	AA24TR	G432622	3/01/2012	KM11253508_KM11253506	1.82	AA24TR	0.040
KBDD11160	G385934	17/11/2011	KM11231372	0.75	AA24D	G385934	28/12/2011	KM11257771	0.82	AA26D	0.045
KBDD11160	G385972	17/11/2011	KM11231372	0.81	AA24TR	G385972	28/12/2011	KM11257771	0.74	AA26T	0.045
KBDD11160	G385934	17/11/2011	KM11231372	1.85	AA24A	G385934	28/12/2011	KM11257771	1.69	AA26A	0.045
KBDD11176	G432625	28/11/2011	KM11242300	1.85	AA24D	G432625	3/01/2012	KM11253508_KM11253506	1.68	AA24D	0.048
KBDD11160	G385931	17/11/2011	KM11231372	1.35	AA24A	G385931	28/12/2011	KM11257771	1.21	AA26A	0.055
KBDD11160	G385930	17/11/2011	KM11231372	3.82	AA24TR	G385930	28/12/2011	KM11257771	3.41	AA26T	0.057
KBDD11160	G385978	17/11/2011	KM11231372	3.04	AA24D4	G385978	28/12/2011	KM11257771	2.71	AA26D	0.057
KBDD11176	G432627	28/11/2011	KM11242300	1.41	AA24D	G432627	3/01/2012	KM11253508_KM11253506	1.59	AA24D	0.060
KBDD11160	G385929	17/11/2011	KM11231372	3.56	AA24TR	G385929	28/12/2011	KM11257771	3.13	AA26T	0.064
KBDD11160	G482251	17/11/2011	KM11231372	0.98	AA24D4	G482251	28/12/2011	KM11257771	0.86	AA26D	0.065
KBDD11160	G385975	17/11/2011	KM11231372	1.71	AA24TR	G385975	28/12/2011	KM11257771	1.50	AA26T	0.065
KBDD11176	G432619	28/11/2011	KM11242300	2.63	AA24TR	G432619	3/01/2012	KM11253508_KM11253506	2.30	AA24TR	0.067
KBDD11176	G432627	28/11/2011	KM11242300	2.25	AA24TR	G432627	3/01/2012	KM11253508_KM11253506	2.59	AA24TR	0.070
KBDD11176	G432622	28/11/2011	KM11242300	1.91	AA24A	G432622	3/01/2012	KM11253508_KM11253506	2.20	AA24A	0.071
KBDD11176	G432627	28/11/2011	KM11242300	2.10	AA24A	G432627	3/01/2012	KM11253508_KM11253506	1.82	AA24A	0.071
KBDD11160	G385962	17/11/2011	KM11231372	3.41	AA24D4	G385962	28/12/2011	KM11257771	2.95	AA26D	0.072
KBDD11160	G385930	17/11/2011	KM11231372	3.63	AA24D	G385930	28/12/2011	KM11257771	3.13	AA26D	0.074
KBDD11160	G385972	17/11/2011	KM11231372	0.67	AA24D	G385972	28/12/2011	KM11257771	0.78	AA26D	0.076
KBDD11176	G432623	28/11/2011	KM11242300	1.22	AA24A	G432623	3/01/2012	KM11253508_KM11253506	1.04	AA24A	0.080
KBDD11160	G482235	17/11/2011	KM11231372	0.51	AA24D	G482235	28/12/2011	KM11257771	0.60	AA26D	0.081
KBDD11160	G385975	17/11/2011	KM11231372	2.05	AA24D	G385975	28/12/2011	KM11257771	1.73	AA26D	0.085
KBDD11176	G432615	28/11/2011	KM11242300	1.26	AA24A	G432615	3/01/2012	KM11253508_KM11253506	1.50	AA24A	0.087
KBDD11160	G385975	17/11/2011	KM11231372	2.06	AA24D4	G385975	28/12/2011	KM11257771	1.73	AA26D	0.087
KBDD11160	G482251	17/11/2011	KM11231372	1.12	AA24TR	G482251	28/12/2011	KM11257771	0.94	AA26T	0.087

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
KBDD11160	G385962	17/11/2011	KM11231372	3.09	AA24TR	G385962	28/12/2011	KM11257771	2.59	AA26T	0.088
KBDD11176	G432621	28/11/2011	KM11242300	5.76	AA24TR	G432621	3/01/2012	KM11253508_KM11253506	4.81	AA24TR	0.090
KBDD11176	G432628	28/11/2011	KM11242300	1.25	AA24D	G432628	3/01/2012	KM11253508_KM11253506	1.50	AA24D	0.091
KBDD11160	G482251	17/11/2011	KM11231372	1.32	AA24D	G482251	28/12/2011	KM11257771	1.10	AA26D	0.091
KBDD11176	G432623	28/11/2011	KM11242300	1.08	AA24D	G432623	3/01/2012	KM11253508_KM11253506	0.89	AA24D	0.096
KBDD11160	G482235	17/11/2011	KM11231372	0.56	AA24TR	G482235	28/12/2011	KM11257771	0.46	AA26T	0.098
KBDD11160	G385929	17/11/2011	KM11231372	4.17	AA24D	G385929	28/12/2011	KM11257771	3.40	AA26D	0.102
KBDD11176	G432614	28/11/2011	KM11242300	5.88	AA24D	G432614	3/01/2012	KM11253508_KM11253506	4.75	AA24D	0.106
KBDD11176	G432623	28/11/2011	KM11242300	0.99	AA24TR	G432623	3/01/2012	KM11253508_KM11253506	1.23	AA24TR	0.108
KBDD11176	G432619	28/11/2011	KM11242300	2.64	AA24A	G432619	3/01/2012	KM11253508_KM11253506	2.09	AA24A	0.116
KBDD11176	G432625	28/11/2011	KM11242300	1.76	AA24TR	G432625	3/01/2012	KM11253508_KM11253506	1.39	AA24TR	0.117
KBDD11160	G482235	17/11/2011	KM11231372	0.51	AA24D4	G482235	28/12/2011	KM11257771	0.65	AA26D	0.121
KBDD11160	G385978	17/11/2011	KM11231372	2.29	AA24A	G385978	28/12/2011	KM11257771	2.95	AA26A	0.126
KBDD11160	G385979	17/11/2011	KM11231372	2.11	AA24D4	G385979	28/12/2011	KM11257771	1.63	AA26D	0.128
KBDD11160	G385962	17/11/2011	KM11231372	2.48	AA24D	G385962	28/12/2011	KM11257771	3.24	AA26D	0.133
KBDD11160	G385973	17/11/2011	KM11231372	2.51	AA24D4	G385973	28/12/2011	KM11257771	3.29	AA26D	0.134
KBDD11160	G385941	17/11/2011	KM11231372	8.66	AA24D	G385941	28/12/2011	KM11257771	6.60	AA26D	0.135
KBDD11160	G385979	17/11/2011	KM11231372	1.67	AA24TR	G385979	28/12/2011	KM11257771	1.27	AA26T	0.136
KBDD11160	G482235	17/11/2011	KM11231372	0.58	AA24A	G482235	28/12/2011	KM11257771	0.44	AA26A	0.137
KBDD11160	G385981	17/11/2011	KM11231372	0.53	AA24D4	G385981	28/12/2011	KM11257771	0.40	AA26D	0.140
KBDD11176	G432620	28/11/2011	KM11242300	0.65	AA24TR	G432620	3/01/2012	KM11253508_KM11253506	0.87	AA24TR	0.145
KBDD11176	G432616	28/11/2011	KM11242300	1.79	AA24A	G432616	3/01/2012	KM11253508_KM11253506	2.41	AA24A	0.148
KBDD11160	G482227	17/11/2011	KM11231372	1.48	AA24D	G482227	28/12/2011	KM11257771	2.00	AA26D	0.149
KBDD11160	G385990	17/11/2011	KM11231372	0.60	AA24A	G385990	28/12/2011	KM11257771	0.44	AA26A	0.154
KBDD11176	G432628	28/11/2011	KM11242300	0.90	AA24TR	G432628	3/01/2012	KM11253508_KM11253506	0.66	AA24TR	0.154
KBDD11160	G385972	17/11/2011	KM11231372	0.78	AA24D4	G385972	28/12/2011	KM11257771	1.07	AA26D	0.157
KBDD11160	G385990	17/11/2011	KM11231372	0.59	AA24TR	G385990	28/12/2011	KM11257771	0.43	AA26T	0.157
KBDD11160	G385967	17/11/2011	KM11231372	2.07	AA24D	G385967	28/12/2011	KM11257771	1.50	AA26D	0.160
KBDD11160	G385929	17/11/2011	KM11231372	3.57	AA24D4	G385929	28/12/2011	KM11257771	5.08	AA26D	0.175
KBDD11160	G385978	17/11/2011	KM11231372	3.06	AA24TR	G385978	28/12/2011	KM11257771	2.15	AA26T	0.175
KBDD11176	G432612	28/11/2011	KM11242300	2.06	AA24TR	G432612	3/01/2012	KM11253508_KM11253506	1.43	AA24TR	0.181

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
KBDD11176	G432614	28/11/2011	KM11242300	2.83	AA24TR	G432614	3/01/2012	KM11253508_KM11253506	4.09	AA24TR	0.182
KBDD11160	G385974	17/11/2011	KM11231372	1.40	AA24D4	G385974	28/12/2011	KM11257771	0.96	AA26D	0.186
KBDD11160	G385941	17/11/2011	KM11231372	4.28	AA24D4	G385941	28/12/2011	KM11257771	6.36	AA26D	0.195
KBDD11160	G385973	17/11/2011	KM11231372	3.21	AA24TR	G385973	28/12/2011	KM11257771	2.16	AA26T	0.196
KBDD11160	G385929	17/11/2011	KM11231372	3.85	AA24A	G385929	28/12/2011	KM11257771	2.58	AA26A	0.198
KBDD11176	G432615	28/11/2011	KM11242300	1.69	AA24D	G432615	3/01/2012	KM11253508_KM11253506	1.12	AA24D	0.203
KBDD11160	G385974	17/11/2011	KM11231372	1.42	AA24TR	G385974	28/12/2011	KM11257771	0.94	AA26T	0.203
KBDD11160	G385970	17/11/2011	KM11231372	0.55	AA24TR	G385970	28/12/2011	KM11257771	0.35	AA26T	0.222
KBDD11176	G432612	28/11/2011	KM11242300	1.42	AA24A	G432612	3/01/2012	KM11253508_KM11253506	0.90	AA24A	0.224
KBDD11160	G385952	17/11/2011	KM11231372	1.27	AA24	G385952	28/12/2011	KM11257771	0.83	AA26	0.231
KBDD11160	G385981	17/11/2011	KM11231372	0.55	AA24TR	G385981	28/12/2011	KM11257771	0.34	AA26T	0.236
KBDD11160	G385972	17/11/2011	KM11231372	0.83	AA24A	G385972	28/12/2011	KM11257771	0.50	AA26A	0.248
KBDD11176	G432615	28/11/2011	KM11242300	1.06	AA24TR	G432615	3/01/2012	KM11253508_KM11253506	1.80	AA24TR	0.259
KBDD11160	G385942	17/11/2011	KM11231372	0.81	AA24D	G385942	28/12/2011	KM11257771	0.47	AA26D	0.266
KBDD11160	G385941	17/11/2011	KM11231372	10.55	GRA22A	G385941	28/12/2011	KM11257771	5.99	AA26A	0.276
KBDD11176	G432612	28/11/2011	KM11242300	3.44	AA24D	G432612	3/01/2012	KM11253508_KM11253506	1.91	AA24D	0.286
KBDD11160	G385941	17/11/2011	KM11231372	5.42	AA24TR	G385941	28/12/2011	KM11257771	9.79	AA26T	0.287
KBDD11160	G385967	17/11/2011	KM11231372	2.53	AA24TR	G385967	28/12/2011	KM11257771	1.40	AA26T	0.288
KBDD11160	G385931	17/11/2011	KM11231372	1.42	AA24D4	G385931	28/12/2011	KM11257771	2.62	AA26D	0.297
KBDD11160	G385931	17/11/2011	KM11231372	2.21	AA24TR	G385931	28/12/2011	KM11257771	1.15	AA26T	0.315
KBDD11160	G385964	17/11/2011	KM11231372	4.35	AA24A	G385964	28/12/2011	KM11257771	2.23	AA26A	0.322
KBDD11160	G385962	17/11/2011	KM11231372	4.99	AA24A	G385962	28/12/2011	KM11257771	2.52	AA26A	0.329
KBDD11155	G385255	21/11/2011	KM11176008	2.48	AA24A	G385255	12/12/2011	KM11257770	1.24	AA26A	0.333
KBDD11160	G385979	17/11/2011	KM11231372	1.14	AA24D	G385979	28/12/2011	KM11257771	2.33	AA26D	0.343
KBDD11176	G432625	28/11/2011	KM11242300	1.68	AA24A	G432625	3/01/2012	KM11253508_KM11253506	0.81	AA24A	0.349
KBDD11160	G385964	17/11/2011	KM11231372	2.40	AA24D4	G385964	28/12/2011	KM11257771	5.02	AA26D	0.353
KBDD11160	G385964	17/11/2011	KM11231372	7.13	AA24TR	G385964	28/12/2011	KM11257771	3.21	AA26T	0.379
KBDD11160	G385942	17/11/2011	KM11231372	0.74	AA24D4	G385942	28/12/2011	KM11257771	0.32	AA26D	0.396
KBDD11176	G432609	28/11/2011	KM11242300	1.71	AA24D	G432609	3/01/2012	KM11253508_KM11253506	0.72	AA24D	0.407
KBDD11160	G385934	17/11/2011	KM11231372	0.81	AA24D4	G385934	28/12/2011	KM11257771	2.07	AA26D	0.438
KBDD11176	G432609	28/11/2011	KM11242300	2.44	AA24TR	G432609	3/01/2012	KM11253508_KM11253506	0.93	AA24TR	0.448

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
KBDD11160	G385977	17/11/2011	KM11231372	0.70	AA24TR	G385977	28/12/2011	KM11257771	0.16	AA26T	0.628
										Sum	32.437
							Result =>0.1 ppm Au Standard Deviation * 2				0.311

Low value high variance pairs:

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
KBDD11160	G482241	17/11/2011	KM11231372	0.44	AA24D	G482241	28/12/2011	KM11257771	0.02	AA26D	0.913
KBDD11160	G482241	17/11/2011	KM11231372	0.37	AA24TR	G482241	28/12/2011	KM11257771	0.01	AA26T	0.947
KBDD11160	G482264	17/11/2011	KM11231372	0.10	AA24D4	G482264	28/12/2011	KM11257771	0.01	AA26D	0.818
KBDD11160	G385956	17/11/2011	KM11231372	0.20	AA24TR	G385956	28/12/2011	KM11257771	0.02	AA26T	0.818
KBDD11160	G385959	17/11/2011	KM11231372	0.20	AA24D	G385959	28/12/2011	KM11257771	0.02	AA26D	0.818
KBDD11160	G482241	17/11/2011	KM11231372	0.35	AA24A	G482241	28/12/2011	KM11257771	0.03	AA26A	0.842

High value "Flyers":

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
KBDD11176	G432624	28/11/2011	KM11242300	0.20	AA24TR	G432624	3/01/2012	KM11253508_KM11253506	2.51	AA24TR	0.852
KBDD11176	G432624	28/11/2011	KM11242300	0.27	AA24A	G432624	3/01/2012	KM11253508_KM11253506	3.61	AA24A	0.861
KBDD11176	G432621	28/11/2011	KM11242300	5.80	AA24A	G432621	3/01/2012	KM11253508_KM11253506	0.73	AA24A	0.776
KBDD11176	G432620	28/11/2011	KM11242300	0.80	AA24A	G432620	3/01/2012	KM11253508_KM11253506	6.59	AA24A	0.783
KBDD11176	G432616	28/11/2011	KM11242300	2.29	AA24TR	G432616	3/01/2012	KM11253508_KM11253506	0.27	AA24TR	0.789
KBDD11176	G432620	28/11/2011	KM11242300	0.91	AA24D	G432620	3/01/2012	KM11253508_KM11253506	5.85	AA24D	0.731
KBDD11160	G385934	17/11/2011	KM11231372	8.03	AA24TR	G385934	28/12/2011	KM11257771	1.31	AA26T	0.719
KBDD11160	G385942	17/11/2011	KM11231372	0.33	AA24A	G385942	28/12/2011	KM11257771	1.82	AA26A	0.693
KBDD11176	G432609	28/11/2011	KM11242300	2.29	AA24A	G432609	3/01/2012	KM11253508_KM11253506	0.65	AA24A	0.558
KBDD11176	G432619	28/11/2011	KM11242300	5.31	AA24D	G432619	3/01/2012	KM11253508_KM11253506	1.66	AA24D	0.524
KBDD11160	G385973	17/11/2011	KM11231372	5.17	AA24D	G385973	28/12/2011	KM11257771	2.02	AA26D	0.438
KBDD11176	G432621	28/11/2011	KM11242300	6.33	AA24D	G432621	3/01/2012	KM11253508_KM11253506	0.83	AA24D	0.454
KBDD11160	G385964	17/11/2011	KM11231372	4.43	AA24D	G385964	28/12/2011	KM11257771	1.60	AA26D	0.469

Note: All analyses by Prep. 31B

Highlight gold: Variance => 2SD's but retained in dataset

Absolute Mean Percentage Difference (**AMPD)**= 100 / n x Sum (IAu1-AuDI) / (Au1+ AuD)

where: **n** = Total number of duplicate pairs
Au1 = Original value
AuD = Duplicate value

AMPD = 100 /183 x 32.4
AMPD = 17.7%
The **AMPD** of 183 duplicate pairs in the range 0.01 - 10.55 ppm Au is 17.7%
The **AMPD** x 1.98 is the precision of the system.

Precision at the 95% confidence level is 35.0% in the range 0.01 - 10.55 ppm Au.

Precision for other ranges is:

Range ppm	n	Sum	P	
=>0.5-10.55	108	15.6	28.6	**Resource range**
=>0.5 <5	103	14.3	27.5	
=>0.5 <3	83	11.8	28.1	
=>0.3 < 0.6	30	6.2	42.2	**Cut-off range**

P = Precision **n** = Number in dataset

The highest 10 AMD values exceeding 0.5 ppm Au are:

HoleID	SpleID	Date	Batch	Au1	Method	DupID	DUP Date	DUP Batch	AuD	Method	AMD
KBDD11155	G385255	21/11/2011	KM11176008	2.48	AA24A	G385255	12/12/2011	KM11257770	1.24	AA26A	0.333
KBDD11160	G385979	17/11/2011	KM11231372	1.14	AA24D	G385979	28/12/2011	KM11257771	2.33	AA26D	0.343
KBDD11176	G432625	28/11/2011	KM11242300	1.68	AA24A	G432625	3/01/2012	KM11253508_KM11253506	0.81	AA24A	0.349
KBDD11160	G385964	17/11/2011	KM11231372	2.40	AA24D4	G385964	28/12/2011	KM11257771	5.02	AA26D	0.353
KBDD11160	G385964	17/11/2011	KM11231372	7.13	AA24TR	G385964	28/12/2011	KM11257771	3.21	AA26T	0.379
KBDD11160	G385942	17/11/2011	KM11231372	0.74	AA24D4	G385942	28/12/2011	KM11257771	0.32	AA26D	0.396
KBDD11176	G432609	28/11/2011	KM11242300	1.71	AA24D	G432609	3/01/2012	KM11253508_KM11253506	0.72	AA24D	0.407
KBDD11160	G385934	17/11/2011	KM11231372	0.81	AA24D4	G385934	28/12/2011	KM11257771	2.07	AA26D	0.438
KBDD11176	G432609	28/11/2011	KM11242300	2.44	AA24TR	G432609	3/01/2012	KM11253508_KM11253506	0.93	AA24TR	0.448
KBDD11160	G385977	17/11/2011	KM11231372	0.70	AA24TR	G385977	28/12/2011	KM11257771	0.16	AA26T	0.628

16 Appendix 7 – Pulp Duplicates Means of Replicated Pulps

HoleID	SpleID	Date	Batch	Au1	DupID	DUP Date	DUP Batch	AuD	AMD
KBDD11160	G482241	17/11/2011	KM11231372	0.32	G482241	28/12/2011	KM11257771	0.02	0.882
KBDD11160	G385966	17/11/2011	KM11231372	0.09	G385966	28/12/2011	KM11257771	0.08	0.072
KBDD11160	G385982	17/11/2011	KM11231372	0.10	G385982	28/12/2011	KM11257771	0.10	0.038
KBDD11160	G385963	17/11/2011	KM11231372	0.11	G385963	28/12/2011	KM11257771	0.11	0.000
KBDD11160	G385940	17/11/2011	KM11231372	0.15	G385940	28/12/2011	KM11257771	0.11	0.162
KBDD11155	G385258	21/11/2011	KM11176008	0.14	G385258	12/12/2011	KM11257770	0.12	0.091
KBDD11160	G482233	17/11/2011	KM11231372	0.09	G482233	28/12/2011	KM11257771	0.12	0.129
KBDD11160	G385961	17/11/2011	KM11231372	0.08	G385961	28/12/2011	KM11257771	0.13	0.268
KBDD11160	G385971	17/11/2011	KM11231372	0.15	G385971	28/12/2011	KM11257771	0.14	0.009
KBDD11160	G385983	17/11/2011	KM11231372	0.13	G385983	28/12/2011	KM11257771	0.15	0.071
KBDD11160	G385949	17/11/2011	KM11231372	0.15	G385949	28/12/2011	KM11257771	0.19	0.118
KBDD11160	G385937	17/11/2011	KM11231372	0.20	G385937	28/12/2011	KM11257771	0.21	0.012
KBDD11160	G482236	17/11/2011	KM11231372	0.30	G482236	28/12/2011	KM11257771	0.21	0.167
KBDD11155	G385268	21/11/2011	KM11176008	0.20	G385268	12/12/2011	KM11257770	0.21	0.024
KBDD11160	G385968	17/11/2011	KM11231372	0.24	G385968	28/12/2011	KM11257771	0.26	0.050
KBDD11160	G385985	17/11/2011	KM11231372	0.15	G385985	28/12/2011	KM11257771	0.27	0.293
KBDD11160	G385977	17/11/2011	KM11231372	0.36	G385977	28/12/2011	KM11257771	0.28	0.117
KBDD11160	G385969	17/11/2011	KM11231372	0.30	G385969	28/12/2011	KM11257771	0.31	0.012
KBDD11160	G385981	17/11/2011	KM11231372	0.47	G385981	28/12/2011	KM11257771	0.33	0.182
KBDD11160	G385947	17/11/2011	KM11231372	0.28	G385947	28/12/2011	KM11257771	0.35	0.108
KBDD11160	G385948	17/11/2011	KM11231372	0.34	G385948	28/12/2011	KM11257771	0.44	0.123
KBDD11160	G385972	17/11/2011	KM11231372	0.77	G385972	28/12/2011	KM11257771	0.77	0.000
KBDD11176	G432628	28/11/2011	KM11242300	1.04	G432628	3/01/2012	KM11253508_KM11253506	1.04	0.000

HoleID	SpleID	Date	Batch	Au1	DupID	DUP Date	DUP Batch	AuD	AMD
KBDD11160	G482235	17/11/2011	KM11231372	0.54	G482235	28/12/2011	KM11257771	0.54	0.002
KBDD11160	G385941	17/11/2011	KM11231372	7.23	G385941	28/12/2011	KM11257771	7.19	0.003
KBDD11160	G385931	17/11/2011	KM11231372	1.72	G385931	28/12/2011	KM11257771	1.69	0.010
KBDD11176	G432614	28/11/2011	KM11242300	4.19	G432614	3/01/2012	KM11253508_KM11253506	4.30	0.013
KBDD11176	G432623	28/11/2011	KM11242300	1.10	G432623	3/01/2012	KM11253508_KM11253506	1.05	0.020
KBDD11176	G432627	28/11/2011	KM11242300	1.92	G432627	3/01/2012	KM11253508_KM11253506	2.00	0.020
KBDD11160	G385979	17/11/2011	KM11231372	1.74	G385979	28/12/2011	KM11257771	1.82	0.024
KBDD11155	G385255	21/11/2011	KM11176008	1.04	G385255	12/12/2011	KM11257770	1.10	0.027
KBDD11160	G385978	17/11/2011	KM11231372	2.82	G385978	28/12/2011	KM11257771	2.65	0.032
KBDD11160	G385929	17/11/2011	KM11231372	3.79	G385929	28/12/2011	KM11257771	3.55	0.033
KBDD11160	G482227	17/11/2011	KM11231372	1.37	G482227	28/12/2011	KM11257771	1.46	0.034
KBDD11160	G385930	17/11/2011	KM11231372	3.72	G385930	28/12/2011	KM11257771	3.47	0.034
KBDD11160	G385990	17/11/2011	KM11231372	0.57	G385990	28/12/2011	KM11257771	0.52	0.041
KBDD11176	G432622	28/11/2011	KM11242300	1.77	G432622	3/01/2012	KM11253508_KM11253506	1.94	0.047
KBDD11176	G432615	28/11/2011	KM11242300	1.34	G432615	3/01/2012	KM11253508_KM11253506	1.47	0.049
KBDD11160	G385970	17/11/2011	KM11231372	0.47	G385970	28/12/2011	KM11257771	0.53	0.055
KBDD11160	G482251	17/11/2011	KM11231372	1.11	G482251	28/12/2011	KM11257771	0.98	0.065
KBDD11160	G385975	17/11/2011	KM11231372	2.04	G385975	28/12/2011	KM11257771	1.78	0.068
KBDD11160	G385974	17/11/2011	KM11231372	1.41	G385974	28/12/2011	KM11257771	1.18	0.088
KBDD11160	G385962	17/11/2011	KM11231372	3.49	G385962	28/12/2011	KM11257771	2.83	0.106
KBDD11160	G385967	17/11/2011	KM11231372	2.12	G385967	28/12/2011	KM11257771	1.70	0.111
KBDD11160	G385973	17/11/2011	KM11231372	3.57	G385973	28/12/2011	KM11257771	2.73	0.134
KBDD11176	G432625	28/11/2011	KM11242300	1.76	G432625	3/01/2012	KM11253508_KM11253506	1.29	0.154
KBDD11176	G432616	28/11/2011	KM11242300	1.36	G432616	3/01/2012	KM11253508_KM11253506	0.97	0.167
KBDD11160	G385964	17/11/2011	KM11231372	4.58	G385964	28/12/2011	KM11257771	3.02	0.206
KBDD11160	G385942	17/11/2011	KM11231372	0.59	G385942	28/12/2011	KM11257771	0.94	0.229

HoleID	SpleID	Date	Batch	Au1	DupID	DUP Date	DUP Batch	AuD	AMD
KBDD11176	G432612	28/11/2011	KM11242300	2.31	G432612	3/01/2012	KM11253508_KM11253506	1.41	0.240
KBDD11176	G432619	28/11/2011	KM11242300	3.53	G432619	3/01/2012	KM11253508_KM11253506	2.02	0.272
KBDD11160	G385934	17/11/2011	KM11231372	2.86	G385934	28/12/2011	KM11257771	1.47	0.320
KBDD11160	G385928	17/11/2011	KM11231372	0.37	G385928	28/12/2011	KM11257771	0.78	0.355
KBDD11176	G432609	28/11/2011	KM11242300	2.15	G432609	3/01/2012	KM11253508_KM11253506	0.77	0.474
KBDD11176	G432621	28/11/2011	KM11242300	5.96	G432621	3/01/2012	KM11253508_KM11253506	2.12	0.475
KBDD11176	G432620	28/11/2011	KM11242300	0.79	G432620	3/01/2012	KM11253508_KM11253506	4.44	0.699
KBDD11176	G432624	28/11/2011	KM11242300	0.25	G432624	3/01/2012	KM11253508_KM11253506	2.10	0.785
								Sum	**8.320**
						Standard Deviation			**0.191**
					Standard Deviation results=>0.1ppm Au x 2				**0.331**

			Mean	Std Dev	Mean	Std Dev
Result =>0.5ppm Au sorted by Aud			2.16	1.605	1.88	1.385
Result =>0.5ppm Au sorted by Aud			2.31	1.586	2.01	1.383

All results by Prep. 31B with AA24 or AA26 analysis

Highlight red Variance =>2 SD's but retained in dataset

Absolute Mean Percentage Difference (**AMPD)**= 100 / n x Sum (IAu1-AuDI) / (Au1+ AuD)

where:

n = Total number of duplicate pairs

Au1 = Original average of four results

AuD = Average of four results from re-submitted samples

AMPD = 100 /57 x
8.3

AMPD = 9.5%
The **AMPD** of 57 duplicate pairs in the range 0.02 - 7.19 ppm Au is
9.5%

The **AMPD** x 2.00 is the precision of the system.

Precision at the 95% confidence level is 19.0% in the range 0.02 - 7.19 ppm Au.

Precision for other ranges is:

Range ppm	n	Sum	P	
=>0.5-7.19	36	5.4	30.6	**Resource range**

P = Precision **n** = Number in dataset

The highest 10 AMD values exceeding 0.5 ppm Au are:

HoleID	SpleID	Date	Batch	Au1	DupID	DUP Date	DUP Batch	AuD	AMD
KBDD11160	G385964	17/11/2011	KM11231372	4.58	G385964	28/12/2011	KM11257771	3.02	0.206
KBDD11160	G385942	17/11/2011	KM11231372	0.59	G385942	28/12/2011	KM11257771	0.94	0.229
KBDD11176	G432612	28/11/2011	KM11242300	2.31	G432612	3/01/2012	KM11253508_KM11253506	1.41	0.240
KBDD11176	G432619	28/11/2011	KM11242300	3.53	G432619	3/01/2012	KM11253508_KM11253506	2.02	0.272
KBDD11160	G385934	17/11/2011	KM11231372	2.86	G385934	28/12/2011	KM11257771	1.47	0.320
KBDD11160	G385928	17/11/2011	KM11231372	0.37	G385928	28/12/2011	KM11257771	0.78	0.355
KBDD11176	G432609	28/11/2011	KM11242300	2.15	G432609	3/01/2012	KM11253508_KM11253506	0.77	0.474
KBDD11176	G432621	28/11/2011	KM11242300	5.96	G432621	3/01/2012	KM11253508_KM11253506	2.12	0.475
KBDD11176	G432620	28/11/2011	KM11242300	0.79	G432620	3/01/2012	KM11253508_KM11253506	4.44	0.699
KBDD11176	G432624	28/11/2011	KM11242300	0.25	G432624	3/01/2012	KM11253508_KM11253506	2.10	0.785

17 Appendix 8 – Laboratory Duplicates

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD11134	G466481	0.10	30/08/2011	0.10	AA24	0.000
KBDD11134	G466310	0.10	21/08/2011	0.10	AA24	0.000
KBDD11158	G385757	0.10	24/10/2011	0.10	AA24	0.000
KBRC09034	G486090	0.10	20/08/2009	0.10	AA24	0.000
KBDD10104	G471951	0.10	4/12/2011	0.10	AA24	0.000
KBDD11134	G466430	0.10	30/08/2011	0.10	AA24	0.000
KBDD11181	G420393	0.11	13/02/2012	0.11	AA26	0.000
KBDD12186	G421248	0.11	14/02/2012	0.11	AA26	0.000
KBDD10090	G372024	0.12	12/11/2010	0.12	AA24	0.000
KBDD10069	G370108	0.12	19/10/2010	0.12	AA24	0.000
KBDD11106	G472190	0.12	13/04/2011	0.12	AA24	0.000
KBD08017	H802679	0.12	12/03/2008	0.12	AA24	0.000
KBDD10069	G370128	0.13	19/10/2010	0.13	AA24	0.000
KBRC09019	H803467	0.13	22/07/2009	0.13	AA24	0.000
KBDD11170	G381197	0.13	12/09/2011	0.13	AA24	0.000
KBDD10085	G371213	0.13	20/10/2010	0.13	AA24	0.000
KBDD11131	G478039	0.13	22/10/2011	0.13	AA24	0.000
KBDD12193	G423140	0.13	23/03/2012	0.13	AA26D4	0.000
KBRC09024	H804038	0.14	8/05/2009	0.14	AA24	0.000
KBDD11160	G385949	0.14	17/11/2011	0.14	AA24A	0.000
KBDD11160	G385949	0.14	17/11/2011	0.14	AA24D	0.000
KBDD12191	G422628	0.14	25/03/2012	0.14	AA26D	0.000
KBDD10090	G371979	0.15	12/11/2010	0.15	AA24	0.000
KBDD10071	G370322	0.17	18/10/2010	0.17	AA24	0.000
KBDD11176	G432649	0.17	28/11/2011	0.17	AA24A	0.000
KBDD11176	G432649	0.17	28/11/2011	0.17	AA24TR	0.000
KBDD10103	G471752	0.18	25/01/2011	0.18	AA24	0.000
KBDD11107	G472422	0.18	16/04/2011	0.18	AA24	0.000
KBDD11115	G474486	0.25	26/05/2011	0.25	AA24	0.000
KBDD10070	G370257	0.27	11/01/2010	0.27	AA26	0.000
KBDD12189	G422227	0.29	25/02/2012	0.29	AA26	0.000
KBDD10072	G370552	0.38	18/10/2010	0.38	AA24	0.000
KBDD12199	G423965	0.42	14/03/2012	0.42	AA26D	0.000
KBDD12192	G422797	0.56	23/03/2012	0.56	AA26A	0.000
KBDD11153	G384758	0.74	11/09/2011	0.74	AA24D	0.000
KBD08012	H801743	1.17	12/03/2008	1.17	AA24	0.000
KBDD12186	G421279	1.40	14/02/2012	1.40	AA26	0.000
KBDD11141	G468666	1.64	9/03/2011	1.64	AA24	0.000
KBDD11161	G482362	1.82	11/01/2011	1.82	AA24	0.000
KBDD11161	G482941	2.04	28/10/2011	2.04	AA24	0.000
KBRC09068	G489904	2.06	10/07/2009	2.06	AA24	0.000
KBDD11160	G385931	2.21	17/11/2011	2.21	AA24TR	0.000
KBRC09039	G486737	10.00	20/08/2009	10.00	AA24	0.000
KBRC09042	G487110	10.00	9/09/2009	10.00	AA24	0.000
KBRC09042	G487115	10.00	27/01/2010	10.00	AA24	0.000
KBDD11146	G382529	10.00	28/09/2011	10.00	AA24	0.000

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD11176	G432611	10.00	28/11/2011	10.00	AA24A	0.000
KBDD11176	G432611	10.00	28/11/2011	10.00	AA24TR	0.000
KBDD10091	G372504	0.79	21/12/2010	0.79	AA24	0.001
KBDD10086	G371447	0.68	27/10/2010	0.68	AA24	0.001
KBDD11161	G482622	0.52	11/01/2011	0.52	AA24	0.001
KBRC09030	H804668	0.96	8/08/2009	0.96	AA24	0.001
KBDD11144	G469650	1.83	24/07/2011	1.83	AA24	0.001
KBDD10089	G373684	0.36	20/01/2011	0.36	AA24	0.001
KBDD11171	G381568	1.77	12/02/2011	1.77	AA24D	0.001
KBDD11142	G469316	1.75	9/05/2011	1.76	AA24	0.001
KBDD11134	G466092	3.46	13/08/2011	3.47	AA24	0.001
KBDD11135	G466620	0.34	25/08/2011	0.34	AA24	0.001
KBDD11108	G472808	3.26	5/03/2011	3.25	AA24	0.002
KBDD11112	G473820	3.12	21/05/2011	3.13	AA24	0.002
KBDD10099	G470865	2.93	22/01/2011	2.92	AA24	0.002
KBRC09037	G486481	0.82	20/08/2009	0.82	AA24	0.002
KBDD11115	G474428	0.52	26/05/2011	0.52	AA24	0.002
KBDD12198	G423664	13.00	14/03/2012	13.05	AA26A	0.002
KBDD10080	G370712	4.89	18/10/2010	4.87	AA24	0.002
KBDD10089	G373660	2.34	21/01/2011	2.33	AA24	0.002
KBDD11134	G466530	1.16	30/08/2011	1.16	AA24	0.002
KBDD11154	G384852	2.31	21/11/2011	2.30	AA24A	0.002
KBDD10086	G371467	0.65	27/10/2010	0.65	AA24	0.002
KBDD11172	G381694	4.34	12/02/2011	4.36	AA24A	0.002
KBDD12201	G418244	21.60	24/03/2012	21.70	AA26A	0.002
KBDD10089	G373938	2.11	21/01/2011	2.10	AA24	0.002
KBDD11141	G468628	2.06	9/03/2011	2.07	AA24	0.002
KBDD11133	G478690	6.14	8/10/2011	6.11	AA24	0.002
KBD08012	H801645	0.20	12/03/2008	0.20	AA24	0.003
KBDD11107	G472452	0.76	20/04/2011	0.76	AA24	0.003
KBDD10086	G370801	3.60	19/10/2010	3.62	AA24	0.003
KBDD10091	G372524	0.35	21/12/2010	0.35	AA24	0.003
KBDD12205	G418779	1.69	24/03/2012	1.68	AA26A	0.003
KBD08013	H801974	3.19	27/01/2010	3.17	AA24	0.003
KBDD11157	G385583	2.84	21/11/2011	2.86	AA24D4	0.004
KBDD11129	G477354	0.69	14/10/2011	0.68	AA24	0.004
KBDD11134	G466290	0.41	21/08/2011	0.41	AA24	0.004
KBDD11133	G478821	0.27	29/08/2011	0.27	AA24	0.004
KBDD11134	G466132	0.27	13/08/2011	0.27	AA24	0.004
KBDD12203	G418439	3.97	24/03/2012	4.00	AA26T	0.004
KBDD11158	G385737	0.93	24/10/2011	0.93	AA24	0.004
KBDD11175	G432319	0.79	28/11/2011	0.79	AA24A	0.004
KBDD11118	G474957	0.26	29/08/2011	0.26	AA24	0.004
KBD08012	H801723	0.26	12/03/2008	0.26	AA24	0.004
KBDD11132	G478376	1.28	14/10/2011	1.29	AA24	0.004
KBDD10090	G372016	1.29	12/12/2010	1.28	AA26	0.004
KBDD11170	G381275	0.63	12/09/2011	0.63	AA24	0.004
KBDD11153	G384702	3.70	11/09/2011	3.73	AA24D	0.004
KBDD11112	G473910	2.46	21/05/2011	2.48	AA24	0.004

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD11134	G466301	1.23	21/08/2011	1.24	AA24	0.004
KBDD11153	G384758	0.73	11/09/2011	0.74	AA24A	0.004
KBRC09068	G489897	1.17	10/07/2009	1.18	AA24	0.004
KBRC09033	G486031	0.69	20/08/2009	0.70	AA24	0.004
KBDD10071	G370342	0.23	18/10/2010	0.23	AA24	0.004
KBDD11134	G466250	2.28	21/08/2011	2.30	AA24	0.004
KBDD11178	G432863	0.22	22/02/2012	0.22	AA24	0.005
KBDD11134	G466241	4.42	21/08/2011	4.38	AA24	0.005
KBDD10099	G373631	0.22	22/01/2011	0.22	AA24	0.005
KBDD11134	G466541	0.76	30/08/2011	0.77	AA24	0.005
KBDD12201	G418242	3.24	24/03/2012	3.27	AA26D	0.005
KBDD11105	G472053	0.43	13/04/2011	0.43	AA24	0.005
KBDD11134	G466152	0.74	13/08/2011	0.73	AA24	0.005
KBDD12192	G422777	1.04	23/03/2012	1.03	AA26D	0.005
KBDD11134	G466404	2.08	21/08/2011	2.06	AA24	0.005
KBRC09021	H803721	1.55	22/07/2009	1.56	AA24	0.005
KBDD11132	G478339	0.50	14/10/2011	0.49	AA24	0.005
KBDD11172	G381686	2.96	12/02/2011	2.93	AA24D	0.005
KBRC09024	H804018	0.69	8/05/2009	0.68	AA24	0.005
KBDD12199	G423955	1.93	14/03/2012	1.95	AA26T	0.005
KBDD11175	G432354	1.92	28/11/2011	1.90	AA24TR	0.005
KBDD11115	G474544	0.38	26/05/2011	0.38	AA24	0.005
KBDD11179	G432976	0.94	21/12/2011	0.95	AA26D	0.005
KBDD11120	G475325	0.65	24/09/2011	0.65	AA24	0.005
KBDD10090	G372122	0.53	12/10/2010	0.54	AA24	0.006
KBDD11170	G381160	0.88	12/09/2011	0.89	AA24	0.006
KBRC09030	H804700	0.26	8/08/2009	0.26	AA24	0.006
KBDD10089	G373640	1.30	21/01/2011	1.28	AA24	0.006
KBDD10085	G371291	0.77	27/10/2010	0.76	AA24	0.006
KBDD11170	G381102	0.75	12/09/2011	0.74	AA24	0.006
KBDD11171	G381563	2.36	12/02/2011	2.39	AA24TR	0.006
KBDD11184	G420964	5.56	14/02/2012	5.49	AA26	0.006
KBDD11107	G472472	0.60	20/04/2011	0.61	AA24	0.007
KBDD11134	G466210	1.86	21/08/2011	1.89	AA24	0.007
KBDD11133	G478670	5.11	8/10/2011	5.18	AA24	0.007
KBDD11151	G384317	0.50	11/09/2011	0.51	AA24TR	0.007
KBDD11168	G497338	0.21	11/11/2011	0.21	AA24	0.007
KBD08015	H802242	0.28	12/03/2008	0.28	AA24	0.007
KBDD11157	G385582	0.41	21/11/2011	0.42	AA24D	0.007
KBDD10085	G371155	0.20	20/10/2010	0.20	AA24	0.007
KBDD11172	G381698	2.64	12/02/2011	2.68	AA24TR	0.008
KBDD11134	G466043	0.33	13/08/2011	0.33	AA24	0.008
KBDD11108	G472828	1.62	13/05/2011	1.60	AA24	0.008
KBD08008	H801420	3.17	18/11/2008	3.22	AA24	0.008
KBDD10101	G471360	0.32	24/01/2011	0.32	AA24	0.008
KBDD11134	G466441	0.50	30/08/2011	0.51	AA24	0.008
KBD08005	H800242	0.25	18/11/2008	0.25	AA24	0.008
KBDD12203	G418415	0.63	24/03/2012	0.62	AA26T	0.008
KBDD12192	G422799	4.38	23/03/2012	4.31	AA26D4	0.008

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD11169	G497645	0.60	14/11/2011	0.61	AA24	0.008
KBDD11160	G385929	4.17	17/11/2011	4.24	AA24D	0.008
KBDD11107	G472367	5.31	16/04/2011	5.40	AA24	0.008
KBDD11183	G420454	7.77	2/06/2012	7.64	AA26D	0.008
KBDD10075	G374474	2.96	2/01/2011	2.91	AA24	0.009
KBRC09060	G489031	1.16	30/09/2009	1.14	AA24	0.009
KBDD10099	G470807	0.23	22/01/2011	0.23	AA24	0.009
KBDD12194	G423261	0.55	22/03/2012	0.56	AA26D	0.009
KBRC09068	G489968	0.39	10/07/2009	0.38	AA24	0.009
KBDD11162	G482978	0.77	13/11/2011	0.76	AA24	0.009
KBDD12189	G422278	1.59	29/02/2012	1.62	AA26D4	0.009
KBDD11157	G385622	5.26	21/11/2011	5.36	AA24D	0.009
KBDD12187	G422008	0.52	29/02/2012	0.53	AA26	0.010
KBDD12187	G421482	0.52	29/02/2012	0.51	AA26D	0.010
KBDD11114	G474232	2.60	23/05/2011	2.55	AA24	0.010
KBDD11134	G466281	0.45	21/08/2011	0.46	AA24	0.010
KBDD12195	G423437	1.48	23/03/2012	1.51	AA26D4	0.010
KBDD11135	G466680	0.70	25/08/2011	0.69	AA24	0.010
KBDD11180	G420103	0.60	22/02/2012	0.59	AA24	0.010
KBDD11134	G466381	2.50	21/08/2011	2.45	AA24	0.010
KBDD11133	G478661	0.19	8/10/2011	0.19	AA24	0.011
KBDD11133	G478641	0.51	8/10/2011	0.52	AA24	0.011
KBDD12191	G422638	0.47	25/03/2012	0.46	AA26D4	0.011
KBDD12206	G419068	0.91	22/03/2012	0.93	AA26A	0.011
KBDD12205	G418759	1.86	24/03/2012	1.82	AA26A	0.011
KBDD12189	G422265	2.70	29/02/2012	2.76	AA26A	0.011
KBDD12192	G422834	0.89	23/03/2012	0.91	AA26D	0.011
KBRC09029	H804549	1.34	8/08/2009	1.37	AA24	0.011
KBDD12192	G422836	0.44	23/03/2012	0.45	AA26D4	0.011
KBDD11154	G384867	1.98	21/11/2011	2.02	AA24D4	0.011
KBDD12203	G418439	3.91	24/03/2012	4.00	AA26D4	0.011
KBDD11131	G477928	1.30	26/10/2011	1.33	AA24	0.011
KBDD12205	G418799	0.85	24/03/2012	0.87	AA26A	0.012
KBRC09024	H804009	1.08	8/05/2009	1.05	AA24	0.012
KBDD11173	G381973	0.47	12/10/2011	0.46	AA24	0.012
KBDD12192	G422794	1.71	23/03/2012	1.67	AA26T	0.012
KBDD11132	G478346	2.55	14/10/2011	2.49	AA24	0.012
KBDD10086	G371583	0.30	25/10/2010	0.29	AA24	0.012
KBDD11154	G384900	0.21	21/11/2011	0.21	AA24A	0.012
KBDD12203	G418450	0.41	24/03/2012	0.42	AA26A	0.012
KBDD11115	G474506	1.61	26/05/2011	1.65	AA24	0.012
KBDD11179	G432985	2.37	21/12/2011	2.43	AA26A	0.013
KBDD12199	G423977	0.79	14/03/2012	0.77	AA26D4	0.013
KBDD11132	G478314	0.98	14/10/2011	1.01	AA24	0.013
KBDD11153	G384778	1.32	11/09/2011	1.35	AA24D	0.013
KBDD11161	G482440	3.67	11/01/2011	3.77	AA24	0.013
KBDD11134	G466421	0.19	30/08/2011	0.18	AA24	0.014
KBDD11176	G432634	0.70	28/11/2011	0.68	AA24A	0.014
KBDD12201	G418242	3.18	24/03/2012	3.27	AA26A	0.014

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD11134	G466123	4.72	13/08/2011	4.59	AA24	0.014
KBDD11137	G467288	0.62	20/06/2011	0.64	AA24	0.014
KBRC09051	G487831	5.67	20/09/2009	5.51	AA24	0.014
KBDD12192	G422777	1.06	23/03/2012	1.03	AA26A	0.014
KBDD11132	G478416	0.21	14/10/2011	0.20	AA24	0.015
KBDD12187	G421462	0.66	29/02/2012	0.68	AA26D	0.015
KBD08004	H800444	0.24	18/11/2008	0.23	AA24	0.015
KBRC09028	H804489	0.19	8/08/2009	0.20	AA24	0.015
KBDD12187	G421470	1.00	29/02/2012	0.97	AA26D4	0.015
KBDD11176	G432654	0.30	28/11/2011	0.29	AA24A	0.015
KBDD11131	G477918	1.45	26/10/2011	1.50	AA24	0.015
KBDD12203	G418415	0.66	24/03/2012	0.64	AA26D	0.015
KBDD11183	G420584	3.29	2/06/2012	3.19	AA26D4	0.015
KBDD11179	G432976	0.98	21/12/2011	0.95	AA26A	0.016
KBDD11172	G381686	2.84	12/02/2011	2.93	AA24A	0.016
KBDD10091	G372405	1.95	12/12/2010	1.89	AA26	0.016
KBDD12203	G418415	0.62	24/03/2012	0.64	AA26A	0.016
KBDD12201	G418251	1.26	24/03/2012	1.22	AA26D4	0.016
KBDD10086	G371525	0.47	25/10/2010	0.49	AA24	0.017
KBDD11174	G381053	0.70	28/11/2011	0.68	AA24A	0.017
KBRC09023	H803900	0.34	8/05/2009	0.35	AA24	0.017
KBDD11130	G477663	3.37	14/10/2011	3.49	AA24	0.017
KBDD12192	G422797	0.58	23/03/2012	0.56	AA26D	0.018
KBDD11153	G384758	0.71	11/09/2011	0.74	AA24TR	0.018
KBDD10090	G372064	0.45	12/11/2010	0.43	AA24	0.018
KBRC09047	G487481	0.24	9/09/2009	0.25	AA24	0.018
KBDD10090	G372044	3.32	12/11/2010	3.20	AA24	0.018
KBDD11154	G384900	0.22	21/11/2011	0.21	AA24D	0.019
KBDD11154	G384833	1.08	17/10/2011	1.04	AA24	0.019
KBDD11161	G482680	1.68	11/01/2011	1.75	AA24	0.019
KBDD11144	G469670	0.23	24/07/2011	0.24	AA24	0.019
KBDD11161	G482420	0.36	11/01/2011	0.37	AA24	0.019
KBDD12199	G423963	1.01	14/03/2012	1.05	AA26A	0.019
KBDD12206	G419069	0.25	22/03/2012	0.26	AA26D4	0.020
KBDD12206	G419069	0.25	22/03/2012	0.26	AA26T	0.020
KBDD11169	G497549	0.26	14/11/2011	0.25	AA24	0.020
KBDD11161	G482342	0.86	11/01/2011	0.82	AA24	0.020
KBDD11105	G472058	2.31	13/04/2011	2.22	AA24	0.020
KBDD10093	G374782	0.28	2/10/2011	0.27	AA24	0.020
KBDD11132	G478385	0.27	14/10/2011	0.28	AA24	0.020
KBDD10085	G371193	1.39	20/10/2010	1.34	AA24	0.020
KBDD12192	G422792	1.76	23/03/2012	1.69	AA26A	0.020
KBDD11130	G477549	0.19	24/09/2011	0.20	AA24	0.020
KBDD11150	G384137	0.19	10/07/2011	0.20	AA24	0.020
KBDD11157	G385622	4.43	21/11/2011	4.25	AA24TR	0.021
KBDD11147	G383235	0.58	10/07/2011	0.60	AA24	0.021
KBDD12205	G418750	14.75	24/03/2012	15.40	AA26D4	0.022
KBD08007	H801284	0.25	18/11/2008	0.26	AA24	0.022
KBRC09038	G486658	0.21	20/08/2009	0.20	AA24	0.022

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD10098	G373273	0.29	1/10/2011	0.30	AA24	0.022
KBDD12194	G423261	0.44	22/03/2012	0.46	AA26D4	0.022
KBDD12192	G422935	0.23	3/12/2012	0.22	AA26	0.022
KBRC09027	H804357	3.99	8/05/2009	3.81	AA24	0.023
KBRC09055	G488297	0.65	20/09/2009	0.68	AA24	0.023
KBDD11154	G384874	0.37	21/11/2011	0.35	AA24TR	0.024
KBDD10103	G471790	1.73	25/01/2011	1.65	AA24	0.024
KBDD11140	G468281	0.55	13/08/2011	0.58	AA24	0.024
KBDD11134	G466461	1.32	30/08/2011	1.39	AA24	0.024
KBDD12190	G422388	0.20	25/03/2012	0.21	AA26D4	0.024
KBDD11154	G384854	1.37	21/11/2011	1.44	AA24TR	0.025
KBDD12187	G421477	0.58	29/02/2012	0.61	AA26A	0.025
KBDD11150	G384117	0.28	10/07/2011	0.27	AA24	0.025
KBDD12198	G423654	0.76	14/03/2012	0.80	AA26T	0.026
KBDD11134	G466230	1.33	21/08/2011	1.40	AA24	0.026
KBDD11154	G384874	0.37	21/11/2011	0.35	AA24D	0.026
KBDD10101	G471304	1.45	24/01/2011	1.53	AA24	0.027
KBDD11160	G385969	0.34	17/11/2011	0.36	AA24D	0.027
KBDD11134	G466450	1.35	30/08/2011	1.42	AA24	0.027
KBDD12192	G422792	1.60	23/03/2012	1.69	AA26T	0.027
KBDD12190	G422390	0.70	25/03/2012	0.74	AA26A	0.028
KBDD11175	G432349	0.22	28/11/2011	0.21	AA24D	0.028
KBDD11112	G473852	0.23	21/05/2011	0.24	AA24	0.028
KBDD11172	G381699	0.65	12/02/2011	0.61	AA24TR	0.028
KBRC09059	G488932	0.33	30/09/2009	0.35	AA24	0.028
KBDD11134	G466083	0.19	13/08/2011	0.20	AA24	0.028
KBDD12195	G423436	1.09	23/03/2012	1.03	AA26T	0.028
KBDD11133	G478701	2.14	8/10/2011	2.02	AA24	0.029
KBDD11161	G482700	0.39	11/01/2011	0.37	AA24	0.029
KBDD11133	G478681	1.42	8/10/2011	1.50	AA24	0.029
KBDD11144	G469690	0.35	24/07/2011	0.33	AA24	0.029
KBDD11183	G420580	0.33	2/06/2012	0.35	AA26T	0.029
KBDD11151	G384358	0.56	11/08/2011	0.59	AA24	0.030
KBDD10098	G373331	0.28	1/10/2011	0.26	AA24	0.030
KBDD11157	G385623	2.57	21/11/2011	2.42	AA24D4	0.030
KBRC09030	H804710	1.92	20/08/2009	2.04	AA24	0.030
KBRC09028	H804469	0.17	8/08/2009	0.16	AA24	0.030
KBDD11132	G478348	0.97	14/10/2011	0.91	AA24	0.030
KBDD11154	G384854	1.36	21/11/2011	1.44	AA24D	0.030
KBRC09067	G489786	0.25	10/07/2009	0.27	AA24	0.031
KBDD11109	G473032	0.27	24/05/2011	0.25	AA24	0.031
KBD08015	H802202	0.43	12/03/2008	0.40	AA24	0.031
KBDD12198	G423664	12.25	14/03/2012	13.05	AA26T	0.032
KBDD11130	G477659	0.16	14/10/2011	0.15	AA24	0.032
KBDD10070	G370220	4.94	20/07/2011	5.27	AA24	0.032
KBDD10075	G370592	1.49	18/10/2010	1.39	AA24	0.033
KBD08003	H800086	0.37	18/11/2008	0.39	AA24	0.033
KBD08013	H801941	0.37	12/03/2008	0.35	AA24	0.033
KBRC09067	G489762	1.99	10/07/2009	1.86	AA24	0.034

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD11183	G420454	8.18	2/06/2012	7.64	AA26A	0.034
KBD08007	H801186	0.15	18/11/2008	0.14	AA24	0.034
KBDD11134	G466501	0.15	30/08/2011	0.14	AA24	0.034
KBDD10085	G371115	0.15	20/10/2010	0.14	AA24	0.034
KBDD12191	G422634	0.15	25/03/2012	0.14	AA26T	0.034
KBDD11154	G384859	0.54	21/11/2011	0.58	AA24D	0.035
KBDD11128	G477114	0.26	29/07/2011	0.28	AA24	0.035
KBDD11134	G466041	6.11	13/08/2011	6.56	AA24	0.036
KBDD11134	G466211	6.54	21/08/2011	6.08	AA24	0.036
KBDD12205	G418750	14.30	24/03/2012	15.40	AA26T	0.037
KBDD12199	G423955	2.10	14/03/2012	1.95	AA26A	0.037
KBDD12187	G421482	0.55	29/02/2012	0.51	AA26A	0.038
KBDD11120	G475323	1.37	24/09/2011	1.27	AA24	0.038
KBDD12199	G423957	0.62	14/03/2012	0.67	AA26D4	0.039
KBDD10070	G370233	0.47	20/07/2011	0.51	AA24	0.040
KBDD10085	G371037	0.97	20/10/2010	1.05	AA24	0.040
KBDD11127	G476705	0.12	22/08/2011	0.13	AA24	0.040
KBDD11137	G467257	0.13	29/07/2011	0.12	AA24	0.040
KBRC09027	H804390	0.90	8/08/2009	0.97	AA24	0.040
KBRC09046	G487423	1.05	9/09/2009	0.96	AA24	0.040
KBD08004	H800455	3.55	18/11/2008	3.86	AA24	0.042
KBDD11153	G384702	4.06	11/09/2011	3.73	AA24A	0.042
KBRC09046	G487403	0.20	9/09/2009	0.22	AA24	0.043
KBDD11172	G381686	2.69	12/02/2011	2.93	AA24TR	0.043
KBDD11179	G432985	2.23	21/12/2011	2.43	AA26D	0.043
KBDD11183	G420564	0.12	2/06/2012	0.11	AA26D4	0.043
KBDD12191	G422633	0.12	25/03/2012	0.11	AA26D4	0.043
KBDD11154	G384950	0.11	21/11/2011	0.12	AA24D	0.043
KBDD11183	G420431	0.35	13/02/2012	0.32	AA26	0.045
KBDD11141	G468608	0.20	9/03/2011	0.22	AA24	0.045
KBDD11184	G420942	0.23	3/09/2012	0.21	AA26D4	0.045
KBDD10096	G372699	0.11	21/12/2010	0.10	AA24	0.048
KBDD12203	G418410	0.11	24/03/2012	0.10	AA26A	0.048
KBDD11144	G469728	0.22	24/07/2011	0.20	AA24	0.048
KBDD11125	G476235	0.10	23/07/2011	0.11	AA24	0.048
KBRC09031	H804808	0.10	20/08/2009	0.11	AA24	0.048
KBDD12191	G422640	0.10	25/03/2012	0.11	AA26A	0.048
KBDD11160	G385929	3.85	17/11/2011	4.24	AA24A	0.048
KBDD11132	G478316	0.35	14/10/2011	0.38	AA24	0.048
KBDD11154	G384854	1.31	21/11/2011	1.44	AA24A	0.049
KBDD11131	G477939	1.09	26/10/2011	0.99	AA24	0.050
KBDD11172	G381694	4.82	12/02/2011	4.36	AA24TR	0.050
KBDD11172	G381699	0.68	12/02/2011	0.61	AA24A	0.051
KBDD12192	G422834	1.01	23/03/2012	0.91	AA26A	0.052
KBDD11124	G476157	0.09	22/07/2011	0.10	AA24	0.053
KBRC09055	G488355	0.39	20/09/2009	0.35	AA24	0.053
KBRC09050	G487786	1.78	20/09/2009	1.60	AA24	0.053
KBDD12192	G422794	1.86	23/03/2012	1.67	AA26A	0.054
KBDD11183	G420580	0.39	2/06/2012	0.35	AA26A	0.054

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD11157	G385583	3.20	21/11/2011	2.86	AA24A	0.056
KBDD12198	G423676	0.55	14/03/2012	0.49	AA26D4	0.058
KBDD11154	G384890	0.19	21/11/2011	0.21	AA24A	0.058
KBDD10090	G371896	0.37	12/11/2010	0.41	AA24	0.058
KBD08009	H802931	0.53	29/12/2008	0.47	AA24	0.058
KBDD11154	G384906	0.17	21/11/2011	0.15	AA24D4	0.063
KBDD12201	G418244	19.10	24/03/2012	21.70	AA26D	0.064
KBRC09059	G488952	0.16	30/09/2009	0.14	AA24	0.067
KBD08006	H801030	0.16	18/11/2008	0.14	AA24	0.067
KBD08010	H803171	0.90	29/12/2008	1.04	AA24	0.068
KBDD11171	G381563	2.08	12/02/2011	2.39	AA24A	0.069
KBDD11183	G420644	0.15	14/02/2012	0.13	AA26	0.071
KBDD11175	G432349	0.24	28/11/2011	0.21	AA24A	0.073
KBDD12196	G423481	0.29	14/03/2012	0.25	AA26D	0.074
KBDD12199	G423965	0.49	14/03/2012	0.42	AA26T	0.077
KBDD11171	G381568	2.06	12/02/2011	1.77	AA24A	0.077
KBD08012	H801718	3.27	12/03/2008	2.80	AA24	0.077
KBRC09060	G489033	2.16	27/01/2010	2.53	AA24	0.079
KBRC09055	G488349	0.35	27/01/2010	0.42	AA24	0.085
KBDD11171	G381568	2.10	12/02/2011	1.77	AA24TR	0.087
KBDD11154	G384950	0.12	21/11/2011	0.10	AA24TR	0.091
KBDD12196	G423481	0.30	14/03/2012	0.25	AA26A	0.091
KBDD10085	G371057	0.15	20/10/2010	0.18	AA24	0.091
KBDD11153	G384778	1.12	11/09/2011	1.35	AA24TR	0.095
KBDD12194	G423261	0.69	22/03/2012	0.56	AA26T	0.104
KBDD12195	G423436	1.28	23/03/2012	1.03	AA26A	0.108
KBDD11157	G385584	0.08	21/11/2011	0.10	AA24A	0.111
KBD08012	H801698	3.10	27/01/2010	3.89	AA24	0.113
KBDD12196	G423479	1.01	14/03/2012	1.28	AA26A	0.118
KBDD11154	G384859	0.74	21/11/2011	0.58	AA24A	0.122
KBD08003	H800093	3.64	18/11/2008	4.69	AA24	0.126
KBRC09039	G486710	0.49	20/08/2009	0.38	AA24	0.126
KBRC09026	H804201	0.39	8/05/2009	0.51	AA24	0.130
KBDD11157	G385623	1.84	21/11/2011	2.42	AA24A	0.136
KBDD11153	G384778	1.79	11/09/2011	1.35	AA24A	0.139
KBDD10100	G470983	0.58	4/09/2011	0.44	AA24	0.139
KBDD12199	G423965	0.56	14/03/2012	0.42	AA26A	0.143
KBRC09056	G488431	1.02	20/09/2009	0.76	AA24	0.146
KBDD11172	G381698	1.98	12/02/2011	2.68	AA24A	0.150
KBDD11153	G384706	4.21	11/09/2011	5.70	AA24A	0.150
KBDD11151	G384317	0.37	11/09/2011	0.51	AA24D	0.154
KBDD11154	G384867	2.80	21/11/2011	2.02	AA24A	0.162
KBDD12194	G423261	0.40	22/03/2012	0.56	AA26A	0.167
KBDD12192	G422794	2.35	23/03/2012	1.67	AA26D	0.169
KBDD11184	G420991	0.34	3/09/2012	0.49	AA26A	0.181
KBDD11179	G432976	1.37	21/12/2011	0.95	AA26T	0.181
KBRC09057	G488673	0.09	30/09/2009	0.13	AA24	0.182
KBDD11179	G432985	3.52	21/12/2011	2.43	AA26T	0.183
KBRC09062	G489184	2.05	30/09/2009	1.40	AA24	0.190

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD12201	G418251	0.83	24/03/2012	1.22	AA26T	0.190
KBDD12189	G422280	1.62	29/02/2012	1.07	AA26A	0.204
KBDD11154	G384874	0.54	21/11/2011	0.35	AA24A	0.216
KBDD11160	G385931	1.42	17/11/2011	2.21	AA24D4	0.218
KBDD11175	G432354	1.20	28/11/2011	1.90	AA24A	0.228
KBDD12198	G423654	0.50	14/03/2012	0.80	AA26A	0.231
KBDD11151	G384317	2.35	11/09/2011	3.80	AA24A	0.236
KBDD11160	G385931	1.35	17/11/2011	2.21	AA24A	0.242
KBDD11160	G385969	0.22	17/11/2011	0.36	AA24A	0.246
KBDD12191	G422634	0.08	25/03/2012	0.14	AA26D	0.273
KBDD11143	G469554	0.62	11/09/2011	0.32	AA24	0.321
KBDD11161	G482574	2.41	11/01/2011	4.89	AA24	0.340
KBDD11112	G473917	0.51	21/05/2011	0.25	AA24	0.343
KBDD12196	G423479	0.62	14/03/2012	1.28	AA26T	0.347
KBDD11171	G381563	1.13	12/02/2011	2.39	AA24D	0.360
KBDD12187	G421462	0.31	29/02/2012	0.68	AA26A	0.374
KBDD11157	G385582	1.08	21/11/2011	0.42	AA24A	0.440
KBDD11134	G466383	3.95	21/08/2011	1.47	AA24	0.458
KBDD11184	G420991	0.18	3/09/2012	0.49	AA26T	0.463
KBDD12189	G422280	0.38	29/02/2012	1.07	AA26T	0.476
KBDD11184	G420936	0.61	3/09/2012	2.21	AA26A	0.567
KBDD12189	G422280	0.27	29/02/2012	1.07	AA26D	0.597
KBDD11184	G420936	0.40	3/09/2012	2.21	AA26T	0.693
					Sum	**18.746**
		Standard Deviation x 2: results =>0.1ppm Au				**0.235**

Low value high variance pairs omitted from assessment:

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD11154	G384950	0.01	21/11/2011	0.10	AA24A	0.818
KBDD10102	G471586	0.01	13/05/2011	0.13	AA24	0.857
KBDD11174	G381053	0.04	28/11/2011	0.68	AA24TR	0.889
KBDD12191	G422634	0.05	25/03/2012	0.14	AA26A	0.474
KBRC09022	H803779	0.06	22/07/2009	0.14	AA24	0.400
KBDD12191	G422628	0.06	25/03/2012	0.14	AA26A	0.400
KBDD11154	G384906	0.34	21/11/2011	0.15	AA24A	0.384
KBDD11147	G383146	0.24	10/07/2011	0.12	AA24	0.335

Note: Sample numbers may be repeated: These are replicates of the same sample

Highlight red: Variance =>2 SD's but retained in dataset

Absolute Mean Percentage Difference (**AMPD)**= 100 / n x Sum (IAu1-AuDI) / (Au1+ AuD)

where: **n** = Total number of duplicate pairs

Au1 = Original value (AA24/AA26)

AuD = Duplicate value (AA24/AA26)

AMPD = 100 /412 x 18.7

AMPD = 4.5%

The **AMPD** of 412 duplicate pairs in the range 0.1 - 21.70 ppm Au is 4.5%

The **AMPD** x 1.98 is the precision of the system.

Precision at the 95% confidence level is 8.9% in the range 0.1 - 21.70 ppm Au.

Precision for other ranges is:

Range ppm	n	Sum	P	
=>0.5-21.70	250	12.2	9.7	**Resource range**
=>0.3 < 0.6	75	4.3	11.5	**Cut-off range**
=>0.5<10	238	12	10.0	
=>0.5<5	226	11.7	10.3	

P = Precision **n** = Number in dataset

The highest 10 AMD values exceeding 0.5 ppm Au are:

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD12196	G423479	0.62	14/03/2012	1.28	AA26T	0.347
KBDD11171	G381563	1.13	12/02/2011	2.39	AA24D	0.360
KBDD12187	G421462	0.31	29/02/2012	0.68	AA26A	0.374
KBDD11157	G385582	1.08	21/11/2011	0.42	AA24A	0.440
KBDD11134	G466383	3.95	21/08/2011	1.47	AA24	0.458
KBDD11184	G420991	0.18	3/09/2012	0.49	AA26T	0.463
KBDD12189	G422280	0.38	29/02/2012	1.07	AA26T	0.476
KBDD11184	G420936	0.61	3/09/2012	2.21	AA26A	0.567
KBDD12189	G422280	0.27	29/02/2012	1.07	AA26D	0.597
KBDD11184	G420936	0.40	3/09/2012	2.21	AA26T	0.693

Gravimetric

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBRC09068	G489919	10.40	10/07/2009	10.40	GRA22	0.000
KBDD11167	G497225	11.20	13/11/2011	11.20	GRA22	0.000
KBDD11107	G472369	15.20	16/04/2011	15.20	GRA22	0.000
KBDD11164	G483428	40.80	11/01/2011	40.80	GRA22	0.000
KBRC09039	G486737	39.80	20/08/2009	39.70	GRA22	0.001
KBDD11134	G466162	15.90	13/08/2011	15.85	GRA22	0.002
KBDD11157	G385627	13.45	21/11/2011	13.50	GRA22T	0.002
KBDD10103	G471724	12.70	25/01/2011	12.75	GRA22	0.002
KBDD11106	G472268	25.20	16/04/2011	25.10	GRA22	0.002
KBDD11172	G381684	11.60	12/02/2011	11.65	GRA22A	0.002
KBDD10098	G373383	10.90	1/10/2011	10.85	GRA22	0.002
KBDD11179	G420007	10.20	22/02/2012	10.15	GRA22	0.002
KBDD10101	G471355	13.75	24/01/2011	13.65	GRA22	0.004
KBRC09060	G489022	272.00	30/09/2009	274.00	GRA22	0.004
KBDD11134	G466336	20.10	21/08/2011	19.95	GRA22	0.004
KBDD11176	G432617	12.95	28/11/2011	12.85	GRA22T	0.004
KBDD11176	G432617	12.75	28/11/2011	12.85	GRA22A	0.004
KBDD11157	G385614	13.20	21/11/2011	13.05	GRA22A	0.006
KBD08015	H802260	16.40	12/03/2008	16.20	GRA22	0.006
KBDD11172	G381688	24.60	12/02/2011	24.30	GRA22T	0.006
KBDD10070	G370230	14.80	19/10/2010	15.00	GRA22	0.007

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD10085	G371067	29.50	20/10/2010	29.00	GRA22	0.009
KBD08012	H801708	13.60	12/03/2008	13.85	GRA22	0.009
KBD08010	H803135	9.58	29/12/2008	9.40	GRA22	0.009
KBDD11172	G381688	21.50	12/02/2011	22.00	GRA22A	0.011
KBDD11176	G432617	13.15	28/11/2011	12.85	GRA22D	0.012
KBDD11110	G473353	17.75	20/05/2011	17.30	GRA22	0.013
KBRC09019	H803484	25.10	22/07/2009	26.00	GRA22	0.018
KBD08006	H800952	31.30	18/11/2008	34.30	GRA22	0.046
KBRC09068	G489876	19.50	27/01/2010	16.60	GRA22	0.080
KBDD11172	G381688	18.20	12/02/2011	22.00	GRA22D	0.095
KBDD11143	G469594	20.80	11/09/2011	11.50	GRA22	0.288
					Sum	0.648
				Standard deviation x 2		0.107

Highlight red: Variance =>2 SD's but retained in dataset

Absolute Mean Percentage Difference (**AMPD**)= 100 / n x Sum (IAu1-AuDI) / (Au1+ AuD)

where: **n** = Total number of duplicate pairs
Au1 = Original value
AuD = Duplicate value

AMPD = 100 /32 x 0.65

AMPD = 2.0%

The **AMPD** of 32 duplicate pairs by gravimetric method in the range 9.40 - 274.00 ppm Au is 2.0%

The **AMPD** x 2.04 is the precision of the system.

Precision at the 95% confidence level is 4.1% in the range 9.40 - 274.00 ppm Au.

The highest 5 AMD values are:

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBRC09019	H803484	25.10	22/07/2009	26.00	GRA22	0.018
KBD08006	H800952	31.30	18/11/2008	34.30	GRA22	0.046
KBRC09068	G489876	19.50	27/01/2010	16.60	GRA22	0.080
KBDD11172	G381688	18.20	12/02/2011	22.00	GRA22D	0.095
KBDD11143	G469594	20.80	11/09/2011	11.50	GRA22	0.288

Screen Fire Assay

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD11111	G473562	0.11	9/05/2011	0.11	SCRAA26	0.000
KBDD11107	G472358	0.14	9/04/2011	0.12	SCRAA26	0.077
KBDD11105	G472084	0.13	9/04/2011	0.13	SCRAA26	0.000
KBDD11112	G473803	0.13	9/05/2011	0.13	SCRAA26D	0.000
KBDD11112	G473803	0.14	9/05/2011	0.13	SCRAA26	0.037
KBDD10086	G371583	0.17	11/03/2010	0.16	SCRAA26	0.030
KBDD10086	G371583	0.14	11/03/2010	0.16	SCRAA26D	0.067
KBDD11110	G473346	0.17	9/05/2011	0.17	SCRAA26	0.000

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD10086	G371595	0.21	11/03/2010	0.20	SCRAA26D	0.024
KBDD10086	G371595	0.16	11/03/2010	0.20	SCRAA26	0.111
KBDD11115	G474550	0.28	30/08/2011	0.28	SCRAA26D	0.000
KBDD11115	G474550	0.31	30/08/2011	0.28	SCRAA26	0.051
KBDD10070	G370257	0.31	11/03/2010	0.29	SCRAA26	0.033
KBDD10070	G370257	0.26	11/03/2010	0.29	SCRAA26D	0.055
KBDD10101	G471350	0.32	2/02/2011	0.33	SCRAA26	0.015
KBDD10101	G471350	0.38	2/02/2011	0.33	SCRAA26D	0.070
KBDD11108	G472815	0.60	9/05/2011	0.60	SCRAA26	0.000
KBDD10101	G471345	3.72	2/02/2011	3.71	SCRAA26D	0.001
KBDD10101	G471330	1.04	2/02/2011	1.03	SCRAA26	0.005
KBDD11112	G473823	5.31	9/05/2011	5.25	SCRAA26D	0.006
KBDD11108	G472795	2.58	9/05/2011	2.61	SCRAA26	0.006
KBDD11105	G472067	3.20	9/04/2011	3.16	SCRAA26D	0.006
KBDD11108	G472733	0.67	9/04/2011	0.66	SCRAA26	0.008
KBDD11111	G473561	1.65	9/05/2011	1.62	SCRAA26D	0.009
KBDD10101	G471330	1.05	2/02/2011	1.03	SCRAA26D	0.010
KBDD11112	G473867	2.52	9/05/2011	2.47	SCRAA26D	0.010
KBDD11108	G472712	0.81	9/04/2011	0.83	SCRAA26D	0.012
KBDD11108	G472834	6.50	9/05/2011	6.34	SCRAA26D	0.012
KBDD11105	G472054	0.78	9/04/2011	0.80	SCRAA26	0.013
KBDD10098	G373308	0.76	2/02/2011	0.78	SCRAA26	0.013
KBDD11112	G473913	2.05	9/05/2011	2.11	SCRAA26	0.014
KBDD11108	G472733	0.64	9/04/2011	0.66	SCRAA26D	0.015
KBDD11108	G472814	1.25	9/05/2011	1.21	SCRAA26	0.016
KBDD11108	G472814	1.17	9/05/2011	1.21	SCRAA26D	0.017
KBDD11112	G473913	2.04	9/05/2011	2.11	SCRAA26D	0.017
KBDD11114	G474207	1.46	30/08/2011	1.41	SCRAA26D	0.017
KBDD11110	G473345	1.43	9/05/2011	1.38	SCRAA26D	0.018
KBDD11105	G472067	3.28	9/04/2011	3.16	SCRAA26	0.019
KBDD11112	G473823	5.01	9/05/2011	5.25	SCRAA26	0.023
KBDD11114	G474207	1.48	30/08/2011	1.41	SCRAA26	0.024
KBDD10090	G372128	2.00	22/12/2010	2.10	SCRAA26D	0.024
KBDD10090	G372018	1.18	22/12/2010	1.24	SCRAA26	0.025
KBDD10098	G373308	0.72	2/02/2011	0.77	SCRAA26D	0.034
KBDD11108	G472834	6.86	9/05/2011	6.34	SCRAA26	0.039
KBDD10090	G372128	1.93	22/12/2010	2.10	SCRAA26	0.042
KBDD11111	G473561	1.81	9/05/2011	1.62	SCRAA26	0.055
KBDD11112	G473867	2.77	9/05/2011	2.47	SCRAA26	0.057
KBDD11110	G473345	1.22	9/05/2011	1.38	SCRAA26	0.062
KBDD11108	G472712	0.95	9/04/2011	0.83	SCRAA26	0.067
KBDD10090	G372018	1.54	22/12/2010	1.24	SCRAA26D	0.108
KBDD10101	G471345	4.63	2/02/2011	3.71	SCRAA26	0.110
KBDD11113	G474061	1.40	30/08/2011	2.60	SCRAA26D	0.300
KBDD11113	G474061	1.14	30/08/2011	2.60	SCRAA26	0.390
					Sum	**2.177**
				Standard deviation x 2		**0.136**

Highlight green: Variance =>2.5 SD's but retained in dataset

Absolute Mean Percentage Difference (**AMPD)**= 100 / n x Sum (IAu1-AuDI) / (Au1+ AuD)

where: **n** = Total number of duplicate pairs
Au1 = Original value
AuD = Duplicate value

AMPD = 100 /53 x 2.2
AMPD = 4.2%
The **AMPD** of du35plicate pairs for Screen Fire Assay in the range 0.11 - 6.34 ppm Au is 4.2%
The **AMPD** x 2.00 is the precision of the system.

Precision at the 95% confidence level is 8.4% in the range 0.11 - 6.34 ppm Au.

Precision for other ranges is:

Range ppm	n	Sum	P	
=>0.5-6.34	37	1.61	8.9	**Resource range**

P = Precision **n** = Number in dataset

The highest 5 AMD values exceeding 0.5ppm Au are:

HoleID	SpleID	Au1	Date	AuD	Method	AMD
KBDD11108	G472712	0.95	9/04/2011	0.83	SCRAA26	0.067
KBDD10090	G372018	1.54	22/12/2010	1.24	SCRAA26D	0.108
KBDD10101	G471345	4.63	2/02/2011	3.71	SCRAA26	0.110
KBDD11113	G474061	1.40	30/08/2011	2.60	SCRAA26D	0.300
KBDD11113	G474061	1.14	30/08/2011	2.60	SCRAA26	0.390

18 Appendix 9 – Laboratory Check Repeats

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09023	H803930	8/05/2009	KM09073945	0.01	0.01	AA24	0.000
KBRC09044	G487235	9/09/2009	KM09088045	0.01	0.01	AA24	0.000
KBD08001	H800381	18/11/2008	KM08157366	0.01	0.01	AA24	0.000
KBD08002	H800872	18/11/2008	KM08157369	0.01	0.01	AA24	0.000
KBRC09025	H804142	8/05/2009	KM09073946	0.01	0.01	AA24	0.000
KBRC09026	H804202	8/05/2009	KM09073946	0.01	0.01	AA24	0.000
KBDD10071	G370424	18/10/2010	KM10145779	0.01	0.01	AA24	0.000
KBD08011	H803321	29/12/2008	KM08176290	0.01	0.01	AA24	0.000
KBRC09040	G486865	20/08/2009	KM09088041	0.01	0.01	AA24	0.000
KBRC09050	G488568	30/09/2009	KM09103351	0.01	0.01	AA24	0.000
KBD08015	H802306	12/03/2008	KM08167143	0.01	0.01	AA24	0.000
KBRC09024	H804052	8/05/2009	KM09073946	0.01	0.01	AA24	0.000
KBRC09057	G488687	30/09/2009	KM09103351	0.01	0.01	AA24	0.000
KBD08017	H802706	12/03/2008	KM08167145	0.01	0.01	AA24	0.000
KBD08018	H802789	12/03/2008	KM08167145	0.01	0.01	AA24	0.000
KBRC09048	G487547	9/09/2009	KM09088047	0.01	0.01	AA24	0.000
KBRC09062	G489178	30/09/2009	KM09103353	0.01	0.01	AA24	0.000
KBRC09024	H804049	8/05/2009	KM09073945	0.01	0.01	AA24	0.000
KBRC09037	G486509	20/08/2009	KM09088040	0.01	0.01	AA24	0.000
KBD08006	H800956	18/11/2008	KM08157369	0.01	0.01	AA24	0.000
KBD08008	H801525	18/11/2008	KM08159342	0.01	0.01	AA24	0.000
KBD08008	H801564	18/11/2008	KM08159342	0.01	0.01	AA24	0.000
KBD08008	H801635	18/11/2008	KM08159342	0.01	0.01	AA24	0.000

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBD08018	H802837	12/03/2008	KM08167146	0.01	0.01	AA24	0.000
KBD08009	H802898	29/12/2008	KM08176279	0.01	0.01	AA24	0.000
KBD08009	H802997	29/12/2008	KM08176279	0.01	0.01	AA24	0.000
KBD08010	H803076	29/12/2008	KM08176279	0.01	0.01	AA24	0.000
KBD08010	H803110	29/12/2008	KM08176279	0.01	0.01	AA24	0.000
KBD08011	H803247	29/12/2008	KM08176290	0.01	0.01	AA24	0.000
KBD08011	H803276	29/12/2008	KM08176290	0.01	0.01	AA24	0.000
KBRC09020	H803573	22/07/2009	KM09070671	0.01	0.01	AA24	0.000
KBRC09020	H803652	22/07/2009	KM09070672	0.01	0.01	AA24	0.000
KBRC09020	H803684	22/07/2009	KM09070672	0.01	0.01	AA24	0.000
KBRC09021	H803744	22/07/2009	KM09070672	0.01	0.01	AA24	0.000
KBRC09021	H803776	22/07/2009	KM09070672	0.01	0.01	AA24	0.000
KBRC09022	H803810	22/07/2009	KM09070672	0.01	0.01	AA24	0.000
KBRC09027	H804382	8/08/2009	KM09079720	0.01	0.01	AA24	0.000
KBRC09032	H804921	20/08/2009	KM09086027	0.01	0.01	AA24	0.000
KBRC09035	G486240	20/08/2009	KM09086029	0.01	0.01	AA24	0.000
KBRC09035	G486276	20/08/2009	KM09086029	0.01	0.01	AA24	0.000
KBRC09036	G486372	20/08/2009	KM09086029	0.01	0.01	AA24	0.000
KBRC09036	G486405	20/08/2009	KM09086029	0.01	0.01	AA24	0.000
KBRC09036	G486471	20/08/2009	KM09088040	0.01	0.01	AA24	0.000
KBRC09040	G486918	20/08/2009	KM09088041	0.01	0.01	AA24	0.000
KBRC09041	G486991	20/08/2009	KM09088042	0.01	0.01	AA24	0.000
KBRC09041	G487028	20/08/2009	KM09088042	0.01	0.01	AA24	0.000
KBRC09041	G487063	20/08/2009	KM09088042	0.01	0.01	AA24	0.000
KBRC09045	G487355	9/09/2009	KM09088046	0.01	0.01	AA24	0.000
KBRC09048	G487585	9/09/2009	KM09088047	0.01	0.01	AA24	0.000

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09048	G487618	9/09/2009	KM09088047	0.01	0.01	AA24	0.000
KBRC09049	G487655	20/09/2009	KM09094808	0.01	0.01	AA24	0.000
KBRC09050	G487733	20/09/2009	KM09094808	0.01	0.01	AA24	0.000
KBRC09053	G488098	20/09/2009	KM09097540	0.01	0.01	AA24	0.000
KBRC09053	G488127	20/09/2009	KM09097540	0.01	0.01	AA24	0.000
KBRC09054	G488158	20/09/2009	KM09097540	0.01	0.01	AA24	0.000
KBRC09054	G488211	20/09/2009	KM09097540	0.01	0.01	AA24	0.000
KBRC09055	G488340	20/09/2009	KM09097541	0.01	0.01	AA24	0.000
KBRC09057	G488651	30/09/2009	KM09103351	0.01	0.01	AA24	0.000
KBRC09058	G488729	30/09/2009	KM09103351	0.01	0.01	AA24	0.000
KBRC09058	G488751	30/09/2009	KM09103352	0.01	0.01	AA24	0.000
KBRC09058	G488785	30/09/2009	KM09103352	0.01	0.01	AA24	0.000
KBRC09058	G488816	30/09/2009	KM09103352	0.01	0.01	AA24	0.000
KBRC09058	G488884	30/09/2009	KM09103352	0.01	0.01	AA24	0.000
KBRC09059	G488913	30/09/2009	KM09103352	0.01	0.01	AA24	0.000
KBRC09059	G488979	30/09/2009	KM09103353	0.01	0.01	AA24	0.000
KBRC09059	G489009	30/09/2009	KM09103353	0.01	0.01	AA24	0.000
KBRC09060	G489079	30/09/2009	KM09103353	0.01	0.01	AA24	0.000
KBRC09062	G489218	30/09/2009	KM09103354	0.01	0.01	AA24	0.000
KBRC09063	G489389	10/07/2009	KM09104237	0.01	0.01	AA24	0.000
KBRC09064	G489437	10/07/2009	KM09104237	0.01	0.01	AA24	0.000
KBRC09065	G489622	10/07/2009	KM09104238	0.01	0.01	AA24	0.000
KBRC09066	G489714	10/07/2009	KM09104238	0.01	0.01	AA24	0.000
KBRC09066	G489738	10/07/2009	KM09104238	0.01	0.01	AA24	0.000
KBRC09067	G489831	10/07/2009	KM09104239	0.01	0.01	AA24	0.000
KBRC09068	101149	10/07/2009	KM09104239	0.01	0.01	AA24	0.000

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBD08004	H800133	18/11/2008	KM08157365	0.01	0.01	AA24	0.000
KBD08014	H802136	12/03/2008	KM08167142	0.01	0.01	AA24	0.000
KBRC09035	G486308	20/08/2009	KM09086029	0.01	0.01	AA24	0.000
KBRC09039	G486747	20/08/2009	KM09088041	0.01	0.01	AA24	0.000
KBRC09051	G487896	20/09/2009	KM09094809	0.01	0.01	AA24	0.000
KBD08002	H800692	18/11/2008	KM08157368	0.01	0.02	AA24	0.333
KBD08006	H801078	18/11/2008	KM08159340	0.01	0.02	AA24	0.333
KBD08007	H801120	18/11/2008	KM08159340	0.01	0.03	AA24	0.500
KBD08014	H802063	12/03/2008	KM08167142	0.02	0.02	AA24	0.000
KBRC09030	H804647	8/08/2009	KM09079721	0.02	0.02	AA24	0.000
KBRC09026	H804289	8/05/2009	KM09073947	0.02	0.02	AA24	0.000
KBRC09027	H804374	8/05/2009	KM09073947	0.02	0.02	AA24	0.000
KBD08002	H800793	18/11/2008	KM08157368	0.02	0.03	AA24	0.200
KBD08007	H801141	18/11/2008	KM08159340	0.02	0.03	AA24	0.200
KBD08007	H801114	18/11/2008	KM08159340	0.02	0.03	AA24	0.200
KBD08013	H801865	12/03/2008	KM08167141	0.02	0.03	AA24	0.200
KBRC09067	G489785	10/07/2009	KM09104238	0.02	0.07	AA24	0.556
KBD08001	H800366	18/11/2008	KM08157366	0.03	0.03	AA24	0.000
KBRC09064	G489510	10/07/2009	KM09104237	0.03	0.02	AA24	0.200
KBDD10071	G370479	18/10/2010	KM10145779	0.03	0.02	AA24	0.200
KBRC09064	G489478	10/07/2009	KM09104237	0.03	0.05	AA24	0.250
KBD08006	H801012	18/11/2008	KM08159340	0.03	0.05	AA24	0.250
KBRC09064	G489477	10/07/2009	KM09104237	0.03	0.05	AA24	0.250
KBRC09064	G489457	10/07/2009	KM09104237	0.03	0.06	AA24	0.333
KBD08002	H800832	18/11/2008	KM08157369	0.03	0.01	AA24	0.500
KBRC09064	G489511	10/07/2009	KM09104237	0.04	0.04	AA24	0.000

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09028	H804466	8/08/2009	KM09079720	0.04	0.04	AA24	0.000
KBD08016	H802478	12/03/2008	KM08167144	0.04	0.05	AA24	0.111
KBD08013	H801857	12/03/2008	KM08167141	0.04	0.03	AA24	0.143
KBD08002	H800639	18/11/2008	KM08157368	0.04	0.03	AA24	0.143
KBD08006	H800299	18/11/2008	KM08157366	0.04	0.03	AA24	0.143
KBD08006	H801020	18/11/2008	KM08159340	0.04	0.07	AA24	0.273
KBRC09067	G489756	10/07/2009	KM09104238	0.04	0.07	AA24	0.273
KBD08016	H802385	12/03/2008	KM08167143	0.04	0.02	AA24	0.333
KBD08016	H802469	12/03/2008	KM08167144	0.05	0.06	AA24	0.091
KBD08002	H800561	18/11/2008	KM08157367	0.05	0.04	AA24	0.111
KBRC09064	G489476	10/07/2009	KM09104237	0.05	0.07	AA24	0.167
KBD08006	H801006	18/11/2008	KM08159340	0.05	0.07	AA24	0.167
KBD08002	H800046	18/11/2008	KM08157365	0.05	0.02	AA24	0.429
KBD08015	H802340	12/03/2008	KM08167143	0.05	0.02	AA24	0.429
KBRC09067	G489789	10/07/2009	KM09104239	0.05	0.16	AA24	0.524
KBD08007	H801165	18/11/2008	KM08159340	0.06	0.06	AA24	0.000
KBRC09023	H803976	8/05/2009	KM09073945	0.06	0.07	AA24	0.077
KBRC09026	H804241	8/05/2009	KM09073946	0.06	0.07	AA24	0.077
KBRC09067	G489818	10/07/2009	KM09104239	0.06	0.05	AA24	0.091
KBD08013	H801871	12/03/2008	KM08167141	0.06	0.05	AA24	0.091
KBRC09064	G489458	10/07/2009	KM09104237	0.06	0.08	AA24	0.143
KBD08016	H802365	12/03/2008	KM08167143	0.06	0.03	AA24	0.333
KBD08002	H800807	18/11/2008	KM08157369	0.07	0.08	AA24	0.067
KBD08002	H800732	18/11/2008	KM08157368	0.07	0.06	AA24	0.077
KBD08002	H800733	18/11/2008	KM08157368	0.07	0.09	AA24	0.125
KBD08011	H803230	29/12/2008	KM08176290	0.08	0.08	AA24	0.000

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09025	H804096	8/05/2009	KM09073946	0.08	0.07	AA24	0.067
KBD08008	H801581	18/11/2008	KM08159342	0.08	0.07	AA24	0.067
KBD08016	H802364	12/03/2008	KM08167143	0.08	0.05	AA24	0.231
KBD08006	H800980	18/11/2008	KM08157369	0.08	0.05	AA24	0.231
KBD08008	H801436	18/11/2008	KM08159342	0.09	0.09	AA24	0.000
KBD08013	H801885	12/03/2008	KM08167141	0.09	0.10	AA24	0.053
KBD08002	H800792	18/11/2008	KM08157368	0.09	0.10	AA24	0.053
KBD08006	H800987	18/11/2008	KM08157369	0.09	0.08	AA24	0.059
KBD08004	H800182	18/11/2008	KM08157365	0.09	0.08	AA24	0.059
KBD08005	H800207	18/11/2008	KM08157366	0.09	0.07	AA24	0.125
KBRC09032	H804954	20/08/2009	KM09086027	0.09	0.12	AA24	0.143
KBRC09023	H803854	8/05/2009	KM09073945	0.10	0.10	AA24	0.000
KBD08007	H801266	18/11/2008	KM08159341	0.10	0.10	AA24	0.000
KBD08011	H803379	29/12/2008	KM08176290	0.10	0.10	AA24	0.000
KBRC09067	G489784	10/07/2009	KM09104238	0.10	0.13	AA24	0.130
KBRC09028	H804467	8/08/2009	KM09079720	0.11	0.11	AA24	0.000
KBD08003	H800074	18/11/2008	KM08157365	0.11	0.10	AA24	0.048
KBD08009	H802998	29/12/2008	KM08176279	0.12	0.12	AA24	0.000
KBRC09024	H804032	8/05/2009	KM09073945	0.12	0.12	AA24	0.000
KBRC09027	H804325	8/05/2009	KM09073947	0.12	0.11	AA24	0.043
KBD08001	H800024	18/11/2008	KM08157365	0.12	0.08	AA24	0.200
KBD08016	H802414	12/03/2008	KM08167143	0.12	0.08	AA24	0.200
KBD08016	H802499	12/03/2008	KM08167144	0.12	0.07	AA24	0.263
KBRC09057	G488694	30/09/2009	KM09103351	0.13	0.14	AA24	0.037
KBRC09054	G488244	20/09/2009	KM09097540	0.13	0.12	AA24	0.040
KBD08001	H800022	18/11/2008	KM08157365	0.13	0.11	AA24	0.083

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09054	G488243	20/09/2009	KM09097540	0.13	0.11	AA24	0.083
KBD08006	H800914	18/11/2008	KM08157369	0.13	0.16	AA24	0.103
KBD08007	H801208	18/11/2008	KM08159341	0.14	0.15	AA24	0.034
KBRC09024	H804062	8/05/2009	KM09073946	0.14	0.15	AA24	0.034
KBD08017	H802692	12/03/2008	KM08167145	0.14	0.16	AA24	0.067
KBD08008	H801485	18/11/2008	KM08159342	0.14	0.16	AA24	0.067
KBD08016	H802441	12/03/2008	KM08167144	0.14	0.16	AA24	0.067
KBD08002	H800740	18/11/2008	KM08157368	0.14	0.12	AA24	0.077
KBD08006	H800992	18/11/2008	KM08157369	0.14	0.19	AA24	0.152
KBRC09059	G488927	30/09/2009	KM09103352	0.14	0.09	AA24	0.217
KBD08007	H801186	18/11/2008	KM08159340	0.15	0.15	AA24	0.000
KBD08006	H800989	18/11/2008	KM08157369	0.15	0.13	AA24	0.071
KBD08012	H801755	12/03/2008	KM08167140	0.16	0.16	AA24	0.000
KBRC09026	H804232	8/05/2009	KM09073946	0.16	0.16	AA24	0.000
KBD08006	H801030	18/11/2008	KM08159340	0.16	0.16	AA24	0.000
KBRC09021	H803691	22/07/2009	KM09070672	0.17	0.16	AA24	0.030
KBD08003	H800427	18/11/2008	KM08157367	0.17	0.19	AA24	0.056
KBRC09067	G489757	10/07/2009	KM09104238	0.17	0.24	AA24	0.171
KBRC09059	G488931	30/09/2009	KM09103352	0.18	0.36	AA24	0.333
KBRC09057	G488699	30/09/2009	KM09103351	0.18	0.19	AA24	0.027
KBD08016	H802521	12/03/2008	KM08167144	0.19	0.16	AA24	0.086
KBD08006	H800986	18/11/2008	KM08157369	0.19	0.25	AA24	0.136
KBD08016	H802415	12/03/2008	KM08167143	0.19	0.08	AA24	0.407
KBRC09068	G489924	10/07/2009	KM09104239	0.20	0.20	AA24	0.000
KBD08001	H800001	18/11/2008	KM08157365	0.20	0.23	AA24	0.070
KBD08016	H802411	12/03/2008	KM08167143	0.20	0.17	AA24	0.081

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBD08012	H801646	12/03/2008	KM08167140	0.20	0.17	AA24	0.081
KBRC09067	G489790	10/07/2009	KM09104239	0.20	0.25	AA24	0.111
KBRC09044	G487283	9/09/2009	KM09088046	0.20	0.14	AA24	0.176
KBRC09055	G488321	20/09/2009	KM09097540	0.21	0.16	AA24	0.135
KBD08018	H802875	12/03/2008	KM08167146	0.21	0.16	AA24	0.135
KBRC09067	G489758	10/07/2009	KM09104238	0.21	0.12	AA24	0.273
KBRC09028	H804407	8/08/2009	KM09079720	0.21	0.10	AA24	0.355
KBD08012	H801645	12/03/2008	KM08167140	0.21	0.17	AA24	0.105
KBRC09019	H803537	22/07/2009	KM09070671	0.22	0.23	AA24	0.022
KBD08008	H801391	18/11/2008	KM08159341	0.22	0.21	AA24	0.023
KBD08006	H800990	18/11/2008	KM08157369	0.22	0.26	AA24	0.083
KBD08014	H802035	12/03/2008	KM08167141	0.22	0.28	AA24	0.120
KBD08002	H800584	18/11/2008	KM08157367	0.23	0.24	AA24	0.021
KBRC09026	H804283	8/05/2009	KM09073947	0.23	0.21	AA24	0.045
KBD08015	H802238	12/03/2008	KM08167143	0.23	0.20	AA24	0.070
KBD08004	H800444	18/11/2008	KM08157367	0.24	0.25	AA24	0.020
KBD08002	H800624	18/11/2008	KM08157368	0.24	0.32	AA24	0.143
KBD08003	H800428	18/11/2008	KM08157367	0.25	0.24	AA24	0.020
KBRC09067	G489786	10/07/2009	KM09104238	0.25	0.27	AA24	0.038
KBD08013	H801882	12/03/2008	KM08167141	0.25	0.22	AA24	0.064
KBD08002	H800593	18/11/2008	KM08157367	0.26	0.25	AA24	0.020
KBD08001	H800005	18/11/2008	KM08157365	0.26	0.25	AA24	0.020
KBRC09019	H803551	22/07/2009	KM09070671	0.26	0.28	AA24	0.037
KBRC09030	H804700	8/08/2009	KM09079721	0.26	0.28	AA24	0.037
KBRC09067	G489776	10/07/2009	KM09104238	0.26	0.55	AA24	0.358
KBD08015	H802242	12/03/2008	KM08167143	0.27	0.27	AA24	0.000

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09059	G488933	30/09/2009	KM09103352	0.27	0.28	AA24	0.018
KBRC09054	G488182	20/09/2009	KM09097540	0.27	0.26	AA24	0.019
KBRC09064	G489416	10/07/2009	KM09104237	0.28	0.28	AA24	0.000
KBRC09040	G486841	20/08/2009	KM09088041	0.28	0.28	AA24	0.000
KBRC09052	G487971	20/09/2009	KM09094809	0.28	0.29	AA24	0.018
KBRC09065	G489551	10/07/2009	KM09104237	0.28	0.27	AA24	0.018
KBD08011	H803359	29/12/2008	KM08176290	0.28	0.27	AA24	0.018
KBD08011	H803340	29/12/2008	KM08176290	0.29	0.25	AA24	0.074
KBD08011	H803302	29/12/2008	KM08176290	0.30	0.37	AA24	0.104
KBD08014	H802135	12/03/2008	KM08167142	0.30	0.24	AA24	0.111
KBD08016	H802532	12/03/2008	KM08167144	0.30	0.47	AA24	0.221
KBRC09065	G489553	10/07/2009	KM09104237	0.31	0.31	AA24	0.000
KBD08011	H803342	29/12/2008	KM08176290	0.31	0.33	AA24	0.031
KBD08009	H802971	29/12/2008	KM08176279	0.31	0.41	AA24	0.139
KBD08014	H802036	12/03/2008	KM08167142	0.32	0.40	AA24	0.111
KBD08016	H802520	12/03/2008	KM08167144	0.32	0.15	AA24	0.362
KBD08015	H802282	12/03/2008	KM08167143	0.33	0.32	AA24	0.015
KBRC09059	G488932	30/09/2009	KM09103352	0.33	0.38	AA24	0.070
KBD08015	H802323	12/03/2008	KM08167143	0.33	0.40	AA24	0.096
KBRC09023	H803907	8/05/2009	KM09073945	0.34	0.35	AA24	0.014
KBRC09030	H804703	20/08/2009	KM09086027	0.34	0.32	AA24	0.030
KBD08014	H802051	12/03/2008	KM08167142	0.34	0.83	AA24	0.419
KBRC09052	G487970	20/09/2009	KM09094809	0.35	0.35	AA24	0.000
KBD08008	H801424	18/11/2008	KM08159342	0.35	0.32	AA24	0.045
KBRC09060	G489025	30/09/2009	KM09103353	0.35	0.41	AA24	0.079
KBD08009	H803013	29/12/2008	KM08176279	0.36	0.36	AA24	0.000

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBD08009	H802930	29/12/2008	KM08176279	0.37	0.44	AA24	0.086
KBRC09027	H804349	8/05/2009	KM09073947	0.38	0.39	AA24	0.013
KBRC09026	H804288	8/05/2009	KM09073947	0.38	0.39	AA24	0.013
KBD08001	H800347	18/11/2008	KM08157366	0.38	0.41	AA24	0.038
KBRC09026	H804201	8/05/2009	KM09073946	0.39	0.53	AA24	0.152
KBRC09067	G489783	10/07/2009	KM09104238	0.40	0.32	AA24	0.111
KBRC09051	G487861	20/09/2009	KM09094809	0.41	0.44	AA24	0.035
KBDD10071	G370326	18/10/2010	KM10145779	0.41	0.38	AA24	0.038
KBRC09022	H803835	22/07/2009	KM09070672	0.41	0.36	AA24	0.065
KBRC09068	G489911	10/07/2009	KM09104239	0.41	0.35	AA24	0.079
KBRC09067	G489775	10/07/2009	KM09104238	0.42	0.40	AA24	0.024
KBRC09030	H804702	20/08/2009	KM09086027	0.42	0.39	AA24	0.037
KBRC09032	H804820	20/08/2009	KM09086027	0.42	0.38	AA24	0.050
KBRC09057	G488697	30/09/2009	KM09103351	0.42	0.48	AA24	0.067
KBRC09068	G489896	10/07/2009	KM09104239	0.42	0.54	AA24	0.125
KBRC09055	G488320	20/09/2009	KM09097540	0.43	0.47	AA24	0.044
KBRC09032	H804891	20/08/2009	KM09086027	0.44	0.44	AA24	0.000
KBD08014	H802095	12/03/2008	KM08167142	0.45	0.43	AA24	0.023
KBD08008	H801441	18/11/2008	KM08159342	0.45	0.50	AA24	0.053
KBD08012	H801811	12/03/2008	KM08167140	0.45	0.58	AA24	0.126
KBD08005	H800505	18/11/2008	KM08157367	0.45	0.32	AA24	0.169
KBRC09025	H804095	8/05/2009	KM09073946	0.46	0.47	AA24	0.011
KBRC09057	G488695	30/09/2009	KM09103351	0.46	0.47	AA24	0.011
KBRC09050	G488581	30/09/2009	KM09103351	0.46	0.44	AA24	0.022
KBD08008	H801410	18/11/2008	KM08159342	0.46	0.40	AA24	0.070
KBRC09032	H804892	20/08/2009	KM09086027	0.46	0.53	AA24	0.071

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBD08005	H800499	18/11/2008	KM08157367	0.47	0.49	AA24	0.021
KBRC09049	G488537	30/09/2009	KM09103351	0.48	0.48	AA24	0.000
KBRC09028	H804436	8/08/2009	KM09079720	0.48	0.48	AA24	0.000
KBD08006	H800901	18/11/2008	KM08157369	0.48	0.62	AA24	0.127
KBRC09020	H803597	22/07/2009	KM09070671	0.49	0.40	AA24	0.101
KBRC09039	G486710	20/08/2009	KM09088041	0.49	0.38	AA24	0.126
KBRC09021	H803685	22/07/2009	KM09070672	0.50	0.60	AA24	0.091
KBD08007	H801185	18/11/2008	KM08159340	0.51	0.49	AA24	0.020
KBD08015	H802283	12/03/2008	KM08167143	0.51	0.44	AA24	0.074
KBRC09057	G488613	30/09/2009	KM09103351	0.52	0.52	AA24	0.000
KBRC09050	G488579	30/09/2009	KM09103351	0.52	0.51	AA24	0.010
KBRC09025	H804080	8/05/2009	KM09073946	0.52	0.47	AA24	0.051
KBD08013	H801900	12/03/2008	KM08167141	0.53	0.53	AA24	0.000
KBD08009	H802931	29/12/2008	KM08176279	0.53	0.46	AA24	0.071
KBD08014	H802094	12/03/2008	KM08167142	0.53	0.27	AA24	0.325
KBDD10071	G370371	18/10/2010	KM10145779	0.55	0.58	AA24	0.027
KBRC09039	G486812	20/08/2009	KM09088041	0.55	0.51	AA24	0.038
KBRC09044	G487282	9/09/2009	KM09088046	0.55	0.61	AA24	0.052
KBRC09055	G488322	20/09/2009	KM09097540	0.55	0.63	AA24	0.068
KBRC09067	G489777	10/07/2009	KM09104238	0.55	0.64	AA24	0.076
KBRC09027	H804331	8/05/2009	KM09073947	0.56	0.58	AA24	0.018
KBD08018	H802823	12/03/2008	KM08167145	0.57	0.65	AA24	0.066
KBD08012	H801641	12/03/2008	KM08167140	0.59	0.54	AA24	0.044
KBRC09019	H803456	22/07/2009	KM09070671	0.59	0.50	AA24	0.083
KBD08009	H802946	29/12/2008	KM08176279	0.60	0.40	AA24	0.200
KBRC09053	G488089	20/09/2009	KM09094809	0.61	0.52	AA24	0.080

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09026	H804266	8/05/2009	KM09073947	0.62	0.58	AA24	0.033
KBRC09059	G488964	30/09/2009	KM09103352	0.63	0.57	AA24	0.050
KBD08002	H800768	18/11/2008	KM08157368	0.64	0.62	AA24	0.016
KBD08013	H801911	12/03/2008	KM08167141	0.64	0.67	AA24	0.023
KBD08007	H801285	18/11/2008	KM08159341	0.64	0.85	AA24	0.141
KBD08014	H802101	12/03/2008	KM08167142	0.64	0.97	AA24	0.205
KBD08007	H801194	18/11/2008	KM08159340	0.66	0.63	AA24	0.023
KBD08001	H800004	18/11/2008	KM08157365	0.67	0.55	AA24	0.098
KBD08009	H802934	29/12/2008	KM08176279	0.68	0.66	AA24	0.015
KBRC09068	G489887	10/07/2009	KM09104239	0.68	0.78	AA24	0.068
KBDD10071	G370411	18/10/2010	KM10145779	0.69	1.04	AA24	0.202
KBRC09059	G488928	30/09/2009	KM09103352	0.72	1.00	AA24	0.163
KBD08005	H800198	18/11/2008	KM08157365	0.73	0.73	AA24	0.000
KBD08009	H802995	29/12/2008	KM08176279	0.74	0.69	AA24	0.035
KBD08002	H800611	18/11/2008	KM08157368	0.77	0.73	AA24	0.027
KBRC09051	G487862	20/09/2009	KM09094809	0.77	0.70	AA24	0.048
KBD08007	H801197	18/11/2008	KM08159340	0.80	0.96	AA24	0.091
KBRC09056	G488467	20/09/2009	KM09097541	0.81	0.72	AA24	0.059
KBRC09068	G489909	10/07/2009	KM09104239	0.83	0.67	AA24	0.107
KBD08005	H800498	18/11/2008	KM08157367	0.84	0.84	AA24	0.000
KBRC09033	H804990	20/08/2009	KM09086027	0.84	0.81	AA24	0.018
KBD08008	H801419	18/11/2008	KM08159342	0.84	0.93	AA24	0.051
KBRC09034	G486085	20/08/2009	KM09086028	0.86	0.90	AA24	0.023
KBD08006	H800900	18/11/2008	KM08157369	0.86	1.03	AA24	0.090
KBRC09068	G489884	10/07/2009	KM09104239	0.88	1.01	AA24	0.069
KBD08009	H802964	29/12/2008	KM08176279	0.90	0.78	AA24	0.071

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBD08010	H803171	29/12/2008	KM08176290	0.90	1.04	AA24	0.072
KBRC09025	H804110	8/05/2009	KM09073946	0.91	0.95	AA24	0.022
KBRC09020	H803598	22/07/2009	KM09070671	0.94	0.98	AA24	0.021
KBRC09051	G487919	20/09/2009	KM09094809	0.97	0.95	AA24	0.010
KBD08010	H803191	29/12/2008	KM08176290	0.97	1.09	AA24	0.058
KBD08017	H802615	12/03/2008	KM08167144	0.98	0.85	AA24	0.071
KBRC09038	G486684	20/08/2009	KM09088040	1.01	1.02	AA24	0.005
KBD08012	H801664	12/03/2008	KM08167140	1.01	1.37	AA24	0.151
KBD08005	H800219	18/11/2008	KM08157366	1.02	1.25	AA24	0.101
KBRC09056	G488431	20/09/2009	KM09097541	1.02	0.78	AA24	0.133
KBRC09019	H803498	22/07/2009	KM09070671	1.02	1.74	AA24	0.261
KBRC09046	G487423	9/09/2009	KM09088046	1.04	1.18	AA24	0.063
KBRC09068	G489922	10/07/2009	KM09104239	1.05	1.16	AA24	0.050
KBRC09021	H803720	22/07/2009	KM09070672	1.06	1.13	AA24	0.032
KBRC09059	G488930	30/09/2009	KM09103352	1.06	1.24	AA24	0.078
KBRC09024	H804009	8/05/2009	KM09073945	1.07	1.08	AA24	0.005
KBD08015	H802209	12/03/2008	KM08167142	1.07	1.41	AA24	0.137
KBD08012	H801740	12/03/2008	KM08167140	1.08	1.20	AA24	0.053
KBD08015	H802257	12/03/2008	KM08167143	1.09	1.10	AA24	0.005
KBD08003	H800094	18/11/2008	KM08157365	1.09	1.13	AA24	0.018
KBRC09055	G488264	20/09/2009	KM09097540	1.09	1.02	AA24	0.033
KBD08007	H801198	18/11/2008	KM08159340	1.12	0.90	AA24	0.109
KBRC09051	G487918	20/09/2009	KM09094809	1.14	0.99	AA24	0.070
KBRC09068	G489897	10/07/2009	KM09104239	1.16	1.18	AA24	0.009
KBRC09030	H804679	8/08/2009	KM09079721	1.16	1.19	AA24	0.013
KBD08011	H803330	29/12/2008	KM08176290	1.16	1.08	AA24	0.036

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09019	H803497	22/07/2009	KM09070671	1.16	1.29	AA24	0.053
KBRC09068	G489935	10/07/2009	KM09104239	1.17	1.19	AA24	0.008
KBRC09025	H804109	8/05/2009	KM09073946	1.18	1.13	AA24	0.022
KBD08008	H801394	18/11/2008	KM08159341	1.19	1.33	AA24	0.056
KBRC09027	H804360	8/05/2009	KM09073947	1.20	1.20	AA24	0.000
KBRC09067	G489792	10/07/2009	KM09104239	1.20	1.28	AA24	0.032
KBD08011	H803348	29/12/2008	KM08176290	1.21	1.15	AA24	0.025
KBRC09056	G488433	20/09/2009	KM09097541	1.21	1.64	AA24	0.151
KBRC09057	G488698	30/09/2009	KM09103351	1.23	1.06	AA24	0.074
KBRC09032	H804967	20/08/2009	KM09086027	1.24	1.28	AA24	0.016
KBD08010	H803141	29/12/2008	KM08176279	1.24	1.29	AA24	0.020
KBDD10071	G370321	18/10/2010	KM10145779	1.24	1.16	AA24	0.033
KBRC09030	H804711	20/08/2009	KM09086027	1.26	1.48	AA24	0.080
KBRC09036	G486329	20/08/2009	KM09086029	1.28	1.42	AA24	0.052
KBRC09050	G487767	20/09/2009	KM09094808	1.30	1.25	AA24	0.020
KBRC09068	G489888	10/07/2009	KM09104239	1.32	1.26	AA24	0.023
KBD08005	H800194	18/11/2008	KM08157365	1.32	1.80	AA24	0.154
KBRC09029	H804549	8/08/2009	KM09079720	1.33	1.08	AA24	0.104
KBRC09046	G487397	9/09/2009	KM09088046	1.33	1.74	AA24	0.134
KBRC09043	G487182	9/09/2009	KM09088045	1.34	1.33	AA24	0.004
KBRC09030	H804667	8/08/2009	KM09079721	1.36	1.60	AA24	0.081
KBRC09048	G487505	9/09/2009	KM09088047	1.37	1.59	AA24	0.074
KBRC09063	G489310	30/09/2009	KM09103354	1.39	1.40	AA24	0.004
KBRC09045	G487322	9/09/2009	KM09088046	1.41	1.17	AA24	0.093
KBD08003	H800107	18/11/2008	KM08157365	1.42	1.30	AA24	0.044
KBD08015	H802268	12/03/2008	KM08167143	1.42	1.11	AA24	0.123

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBD08009	H802941	29/12/2008	KM08176279	1.44	1.37	AA24	0.025
KBD08012	H801697	12/03/2008	KM08167140	1.44	1.17	AA24	0.103
KBD08005	H800197	18/11/2008	KM08157365	1.45	1.81	AA24	0.110
KBRC09062	G489288	30/09/2009	KM09103354	1.47	1.44	AA24	0.010
KBRC09056	G488398	20/09/2009	KM09097541	1.49	1.73	AA24	0.075
KBD08004	H800459	18/11/2008	KM08157367	1.53	1.69	AA24	0.050
KBRC09021	H803721	22/07/2009	KM09070672	1.54	1.66	AA24	0.038
KBRC09020	H803599	22/07/2009	KM09070671	1.58	1.61	AA24	0.009
KBRC09019	H803465	22/07/2009	KM09070671	1.67	1.41	AA24	0.084
KBD08004	H800451	18/11/2008	KM08157367	1.72	1.94	AA24	0.060
KBD08008	H801500	18/11/2008	KM08159342	1.73	1.77	AA24	0.011
KBD08010	H803214	29/12/2008	KM08176290	1.73	1.95	AA24	0.060
KBRC09068	G489946	10/07/2009	KM09104239	1.74	1.42	AA24	0.101
KBRC09031	H804746	20/08/2009	KM09086027	1.76	1.38	AA24	0.121
KBD08010	H803150	29/12/2008	KM08176290	1.77	1.49	AA24	0.086
KBRC09050	G487786	20/09/2009	KM09094808	1.78	1.61	AA24	0.050
KBRC09062	G489185	30/09/2009	KM09103353	1.81	1.60	AA24	0.062
KBRC09055	G488265	20/09/2009	KM09097540	1.82	1.69	AA24	0.037
KBRC09049	G487697	20/09/2009	KM09094808	1.83	1.88	AA24	0.013
KBD08008	H801435	18/11/2008	KM08159342	1.88	1.93	AA24	0.013
KBD08012	H801663	12/03/2008	KM08167140	1.91	1.67	AA24	0.067
KBRC09030	H804710	20/08/2009	KM09086027	1.92	1.95	AA24	0.008
KBRC09068	G489881	10/07/2009	KM09104239	1.96	1.71	AA24	0.068
KBRC09062	G489184	30/09/2009	KM09103353	2.05	1.27	AA24	0.235
KBRC09068	G489898	10/07/2009	KM09104239	2.06	1.65	AA24	0.111
KBD08007	H801184	18/11/2008	KM08159340	2.07	2.04	AA24	0.007

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09068	G489882	10/07/2009	KM09104239	2.14	2.43	AA24	0.063
KBD08017	H802677	12/03/2008	KM08167145	2.16	1.79	AA24	0.094
KBRC09068	G489933	10/07/2009	KM09104239	2.17	1.43	AA24	0.206
KBRC09043	G487201	9/09/2009	KM09088045	2.19	2.25	AA24	0.014
KBRC09062	G489291	30/09/2009	KM09103354	2.20	3.50	AA24	0.228
KBD08017	H802656	12/03/2008	KM08167145	2.23	2.18	AA24	0.011
KBRC09037	G486563	20/08/2009	KM09088040	2.24	2.33	AA24	0.020
KBD08008	H801404	18/11/2008	KM08159342	2.30	2.11	AA24	0.043
KBD08014	H802111	12/03/2008	KM08167142	2.31	3.10	AA24	0.146
KBD08012	H801741	12/03/2008	KM08167140	2.39	2.40	AA24	0.002
KBD08013	H801971	12/03/2008	KM08167141	2.42	2.29	AA24	0.028
KBRC09027	H804389	8/08/2009	KM09079720	2.42	2.71	AA24	0.057
KBDD10071	G370295	18/10/2010	KM10145779	2.47	1.51	AA24	0.241
KBRC09029	H804598	8/08/2009	KM09079721	2.48	2.50	AA24	0.004
KBDD10071	G370294	18/10/2010	KM10145779	2.52	2.16	AA24	0.077
KBD08007	H801196	18/11/2008	KM08159340	2.57	2.57	AA24	0.000
KBRC09068	G489878	10/07/2009	KM09104239	2.66	3.16	AA24	0.086
KBRC09019	H803550	22/07/2009	KM09070671	2.72	1.82	AA24	0.198
KBRC09068	G489931	10/07/2009	KM09104239	2.79	2.77	AA24	0.004
KBD08017	H802655	12/03/2008	KM08167145	2.81	2.72	AA24	0.016
KBRC09051	G487832	20/09/2009	KM09094808	2.88	3.19	AA24	0.051
KBRC09062	G489183	30/09/2009	KM09103353	2.94	3.11	AA24	0.028
KBD08008	H801390	18/11/2008	KM08159341	3.03	3.35	AA24	0.050
KBRC09060	G489049	30/09/2009	KM09103353	3.05	2.95	AA24	0.017
KBD08012	H801717	12/03/2008	KM08167140	3.06	2.37	AA24	0.127
KBRC09060	G489016	30/09/2009	KM09103353	3.08	3.84	AA24	0.110

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBD08009	H802933	29/12/2008	KM08176279	3.13	3.21	AA24	0.013
KBD08008	H801420	18/11/2008	KM08159342	3.17	3.02	AA24	0.024
KBD08012	H801718	12/03/2008	KM08167140	3.27	2.50	AA24	0.133
KBD08008	H801405	18/11/2008	KM08159342	3.29	3.33	AA24	0.006
KBD08005	H800218	18/11/2008	KM08157366	3.32	3.60	AA24	0.040
KBRC09055	G488288	20/09/2009	KM09097540	3.32	2.74	AA24	0.096
KBD08013	H801942	12/03/2008	KM08167141	3.46	3.98	AA24	0.070
KBD08004	H800455	18/11/2008	KM08157367	3.55	3.76	AA24	0.029
KBRC09029	H804517	8/08/2009	KM09079720	3.55	3.28	AA24	0.040
KBRC09068	G489932	10/07/2009	KM09104239	3.58	3.30	AA24	0.041
KBRC09068	G489936	10/07/2009	KM09104239	3.63	3.01	AA24	0.093
KBD08003	H800093	18/11/2008	KM08157365	3.64	4.28	AA24	0.081
KBD08007	H801193	18/11/2008	KM08159340	3.66	4.39	AA24	0.091
KBRC09068	G489883	10/07/2009	KM09104239	3.81	4.06	AA24	0.032
KBRC09019	H803489	22/07/2009	KM09070671	3.98	3.95	AA24	0.004
KBRC09060	G489015	30/09/2009	KM09103353	3.99	2.26	AA24	0.277
KBD08014	H802151	12/03/2008	KM08167142	4.03	3.95	AA24	0.010
KBRC09050	G487764	20/09/2009	KM09094808	4.31	4.63	AA24	0.036
KBD08012	H801700	12/03/2008	KM08167140	4.40	4.09	AA24	0.037
KBD08011	H803341	29/12/2008	KM08176290	4.53	4.49	AA24	0.004
KBRC09051	G487830	20/09/2009	KM09094808	4.56	4.77	AA24	0.023
KBD08017	H802616	12/03/2008	KM08167144	4.56	4.79	AA24	0.025
KBD08014	H802142	12/03/2008	KM08167142	4.68	5.74	AA24	0.102
KBD08004	H800454	18/11/2008	KM08157367	4.75	4.77	AA24	0.002
KBDD10071	G370297	18/10/2010	KM10145779	4.78	4.40	AA24	0.041
KBRC09021	H803690	22/07/2009	KM09070672	4.92	3.36	AA24	0.188

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09049	G487696	20/09/2009	KM09094808	5.13	6.09	AA24	0.086
KBD08013	H801977	12/03/2008	KM08167141	5.29	5.16	AA24	0.012
KBRC09055	G488326	20/09/2009	KM09097541	5.37	4.56	AA24	0.082
KBD08003	H800082	18/11/2008	KM08157365	5.51	5.54	AA24	0.003
KBRC09055	G488325	20/09/2009	KM09097541	5.53	6.01	AA24	0.042
KBRC09056	G488432	20/09/2009	KM09097541	5.62	5.62	AA24	0.000
KBD08010	H803121	29/12/2008	KM08176279	5.71	6.06	AA24	0.030
KBRC09047	G487483	9/09/2009	KM09088047	5.72	7.47	AA24	0.133
KBRC09067	G489791	10/07/2009	KM09104239	5.76	4.70	AA24	0.101
KBRC09020	H803624	22/07/2009	KM09070671	5.76	3.52	AA24	0.241
KBRC09023	H803884	8/05/2009	KM09073945	5.87	6.02	AA24	0.013
KBD08010	H803125	29/12/2008	KM08176279	6.18	8.87	AA24	0.179
KBRC09068	G489877	10/07/2009	KM09104239	6.35	8.90	AA24	0.167
KBD08015	H802224	12/03/2008	KM08167142	6.93	5.11	AA24	0.151
KBRC09049	G487683	20/09/2009	KM09094808	7.53	5.01	AA24	0.201
KBRC09068	G489886	10/07/2009	KM09104239	8.40	8.65	AA24	0.015
KBD08013	H801944	12/03/2008	KM08167141	8.45	6.81	AA24	0.107
KBD08001	H800392	18/11/2008	KM08157366	8.77	8.08	AA24	0.041
KBD08004	H800452	18/11/2008	KM08157367	8.87	6.42	AA24	0.160
KBDD10071	G370296	18/10/2010	KM10145779	9.09	7.53	AA24	0.094
KBD08004	H800453	18/11/2008	KM08157367	9.30	10.00	AA24	0.036
KBRC09062	G489182	30/09/2009	KM09103353	9.32	8.07	AA24	0.072
						Total	**33.104**
					StdDev =>0.1ppm Au		**0.074**
					StdDev =>0.1ppm Au * 2		**0.208**

"Flyers" omitted from assessment:

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBRC09068	G489923	10/07/2009	KM09104239	1.93	0.78	AA24	0.424
KBD08017	H802636	12/03/2008	KM08167145	0.13	0.05	AA24	0.444
KBD08017	H802599	12/03/2008	KM08167144	0.34	0.13	AA24	0.447
KBD08010	H803192	29/12/2008	KM08176290	0.11	0.03	AA24	0.571
KBD08014	H802182	12/03/2008	KM08167142	1.41	6.17	AA24	0.628
KBD08016	H802433	12/03/2008	KM08167143	0.80	0.01	AA24	0.975
KBRC09042	G487116	9/09/2009	KM09088045	8.49	13.50	AA24	0.228

Highlight green: Variance =>2.5 SD's but retained in dataset

Absolute Mean Percentage Difference (**AMPD**)= 100 / n x Sum (IAu1-AuRI) / (Au1+ AuR)

where:

n = Total number of check repeat pairs
Au1 = Original value
AuCR = Check Repeat value

AMPD = 100 /461 x 33.1

AMPD = 7.2%
The **AMPD** of 461 check repeat pairs in the range 0.01 - 9.32 ppm Au is 7.2%

The **AMPD** x 1.98 is the precision of the system.

Precision at the 95% confidence level is 14.2% in the range 0.01 -9.32ppm Au.

Precision for other ranges is:

Range ppm	n	Sum	P	
=>0.1-9.32	323	23.1	14.2	
=>0.5-9.32	198	13.2	13.2	**Precision in resource range at 0.5 cut**
=>0.5<5	176	11.3	12.7	
=>0.3 < 0.6	68	4.9	14.4	**Precision in the cut-off range**

P = Precision **n** = Number in dataset

The highest 10 AMD values exceeding 0.5 ppm Au are:

HoleID	SpleID	Date	Batch	Au1	AuCR	Method	AMD
KBDD10071	G370411	18/10/2010	KM10145779	0.69	1.04	AA24	0.202
KBD08014	H802101	12/03/2008	KM08167142	0.64	0.97	AA24	0.205
KBRC09068	G489933	10/07/2009	KM09104239	2.17	1.43	AA24	0.206
KBRC09062	G489291	30/09/2009	KM09103354	2.20	3.50	AA24	0.228
KBRC09062	G489184	30/09/2009	KM09103353	2.05	1.27	AA24	0.235
KBDD10071	G370295	18/10/2010	KM10145779	2.47	1.51	AA24	0.241
KBRC09020	H803624	22/07/2009	KM09070671	5.76	3.52	AA24	0.241
KBRC09019	H803498	22/07/2009	KM09070671	1.02	1.74	AA24	0.261
KBRC09060	G489015	30/09/2009	KM09103353	3.99	2.26	AA24	0.277
KBD08014	H802094	12/03/2008	KM08167142	0.53	0.27	AA24	0.325

19 Appendix 10 – Quarter Core Re-assay

HoleID	SpleIDOR	From	To	Method	Analaysis	AuOR	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD10101	G471350	160	161	Prep22	SCR22	0.35	G419501	Prep22	0.24	0.21	0.4	0.2	0.26	0.143
KBDD10101	G471351	161	162	Prep22	SCR22	1.44	G419503	Prep22	0.61	0.7	0.57	0.53	0.60	0.410
KBDD10101	G471352	162	163	Prep22	SCR22	1.32	G419504	Prep22	1.57	1.79	1.55	1	1.48	0.056
KBDD10101	G471354	164	165	Prep22	SCR22	0.63	G419506	Prep22	0.85	0.9	0.71	0.77	0.81	0.123
KBDD10101	G471355	165	166	Prep22	SCR22	5.93	G419507	Prep22	4.86	7.74	6.4	4.02	5.76	0.015
KBDD10101	G471356	166	167	Prep22	SCR22	0.25	G419508	Prep22	0.16	0.16	0.13	0.13	0.15	0.266
KBDD10101	G471358	167	168	Prep22	SCR22	0.29	G419509	Prep22	0.29	0.44	0.44	0.46	0.41	0.168
KBDD10101	G471359	168	169	Prep22	SCR22	0.24	G419510	Prep22	0.4	0.46	0.51	0.51	0.47	0.324
KBDD11108	G472794	189	190	Prep22	SCR22	3.31	G419512	Prep22	2.86	2.99	2.3	3.04	2.80	0.084
KBDD11108	G472795	190	191	Prep22	SCR22	3.89	G419513	Prep22	1.28	3.25	1.99	1.58	2.03	0.315
KBDD11108	G472797	191	192	Prep22	SCR22	2.41	G419514	Prep22	0.44	0.73	0.59	0.68	0.61	0.596
KBDD11108	G472798	192	193	Prep22	SCR22	2.32	G419515	Prep22	1.73	2.32	0.48	1.78	1.58	0.191
KBDD11108	G472799	193	194	Prep22	SCR22	1.38	G419516	Prep22	0.9	0.6	0.77	0.61	0.72	0.314
KBDD11108	G472802	195	196	Prep22	SCR22	0.43	G419518	Prep22	0.22	0.34	0.24	0.2	0.25	0.265
KBDD11108	G472803	196	197	Prep22	SCR22	2.37	G419519	Prep22	0.98	0.7	0.86	1.01	0.89	0.455
KBDD11108	G472804	197	198	Prep22	SCR22	9.52	G419520	Prep22	5.73	5.53	5.12	5.36	5.44	0.273
KBDD11108	G472805	198	199	Prep22	SCR22	3.67	G419522	Prep22	1.72	2.19	2.03	1.99	1.98	0.299
KBDD11108	G472806	199	200	Prep22	SCR22	0.04	G419523	Prep22	0.02	0.02	0.04	0.02	0.03	0.231
KBDD11108	G472808	201	202	Prep22	SCR22	3.69	G419525	Prep22	2.18	3.27	2.71	2.64	2.70	0.155
KBDD11108	G472809	202	203	Prep22	SCR22	2.37	G419526	Prep22	3.4	3	2.41	2.86	2.92	0.104
KBDD11108	G472811	203	204	Prep22	SCR22	2.41	G419527	Prep22	3.15	2.61	1.31	2.21	2.32	0.019
KBDD11108	G472812	204	205	Prep22	SCR22	5.19	G419528	Prep22	5.04	4.56	4.93	3.36	4.47	0.074
KBDD11108	G472813	205	206	Prep22	SCR22	3.04	G419530	Prep22	1.59	1.3	2.06	1.87	1.71	0.281
KBDD11108	G472814	206	207	Prep22	SCR22	1.28	G419531	Prep22	0.65	0.63	0.84	0.73	0.71	0.285
KBDD11108	G472815	207	208	Prep22	SCR22	0.56	G419532	Prep22	0.37	0.38	0.34	0.31	0.35	0.231
KBDD11108	G472816	208	209	Prep22	SCR22	3.95	G419533	Prep22	3.74	3.78	3.32	3.9	3.69	0.035
KBDD11108	G472817	209	210	Prep22	SCR22	3.42	G419534	Prep22	1.6	1.61	1.28	1.73	1.56	0.375

HoleID	SpleIDOR	From	To	Method	Analaysis	AuOR	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD11108	G472818	210	211	Prep22	SCR22	1.13	G419535	Prep22	1.28	1.85	1.48	1.37	1.50	0.139
KBDD11108	G472821	212	213	Prep22	SCR22	6.19	G419536	Prep22	2.51	2.3	2.96	3.02	2.70	0.393
KBDD11108	G472822	213	214	Prep22	SCR22	0.44	G419538	Prep22	0.82	0.81	0.99	1.1	0.93	0.358
KBDD11108	G472823	214	215	Prep22	SCR22	3.48	G419539	Prep22	4.81	3.32	3.64	2.9	3.67	0.026
KBDD11108	G472825	216	217	Prep22	SCR22	0.13	G419541	Prep22	0.56	0.73	0.43	0.49	0.55	0.619
KBDD11108	G472827	217	218	Prep22	SCR22	1.90	G419542	Prep22	1.58	2.1	1.48	1.66	1.71	0.054
KBDD11108	G472828	218	219	Prep22	SCR22	1.62	G419543	Prep22	2.52	2.01	2.85	1.09	2.12	0.133
KBDD11108	G472829	219	220	Prep22	SCR22	0.13	G419544	Prep22	0.16	0.07	0.18	0.05	0.12	0.061
KBDD11108	G472831	220	221	Prep22	SCR22	0.81	G419545	Prep22	1.63	1.14	0.78	1.16	1.18	0.185
KBDD11108	G472832	221	222	Prep22	SCR22	6.58	G419546	Prep22	5.95	4.55	5.35	3.66	4.88	0.149
KBDD11108	G472833	222	223	Prep22	SCR22	1.51	G419547	Prep22	2.32	2.08	2.47	1.98	2.21	0.189
KBDD11108	G472834	223	224	Prep22	SCR22	8.16	G419549	Prep22	5.31	5.64	6.2	5.42	5.64	0.182
KBDD11108	G472835	224	225	Prep22	SCR22	1.40	G419550	Prep22	1.93	1.78	1.69	2.07	1.87	0.143
KBDD11108	G472836	225	226	Prep22	SCR22	0.86	G419551	Prep22	0.85	1.17	0.89	1.03	0.99	0.068
KBDD11108	G472837	226	227	Prep22	SCR22	0.19	G419552	Prep22	0.19	0.18	0.18	0.17	0.18	0.027
KBDD11108	G472838	227	228	Prep22	SCR22	4.03	G419553	Prep22	2.48	3.44	2.9	4.9	3.43	0.080
KBDD11108	G472839	228	229	Prep22	SCR22	1.59	G419554	Prep22	1.63	1.31	2.32	1.27	1.63	0.013
KBDD11108	G472841	229	230	Prep22	SCR22	4.98	G419555	Prep22	4.97	4.16	4.7	3.95	4.45	0.057
KBDD11108	G472842	230	231	Prep22	SCR22	2.01	G419556	Prep22	1.51	1.66	1.5	1.31	1.50	0.147
KBDD11141	G468602	232	233	Prep22	AA24-GRA22	4.08	G419557	Prep22	2.99	1.94	1.67	2.46	2.27	0.286
KBDD11141	G468605	235	236	Prep22	AA24-GRA22	0.32	G419561	Prep22	0.32	0.08	0.17	0.14	0.18	0.281
KBDD11141	G468607	236	237	Prep22	AA24-GRA22	0.07	G419562	Prep22	0.14	0.11	0.12	0.16	0.13	0.335
KBDD11141	G468608	237	238	Prep22	AA24-GRA22	0.20	G419563	Prep22	0.31	0.36	0.61	0.37	0.41	0.345
KBDD11141	G468609	238	239	Prep22	AA24-GRA22	1.13	G419564	Prep22	0.21	1.51	1.44	1.57	1.18	0.025
KBDD11141	G468610	239	240	Prep22	AA24-GRA22	0.17	G419565	Prep22	0.04	0.04	0.04	0.23	0.09	0.326
KBDD11141	G468611	240	241	Prep22	AA24-GRA22	0.38	G419566	Prep22	0.52	0.5	0.83	1.24	0.77	0.339
KBDD11141	G468612	241	242	Prep22	AA24-GRA22	1.54	G419568	Prep22	1.13	1.63	1.5	1.34	1.40	0.046
KBDD11141	G468613	242	243	Prep22	AA24-GRA22	4.95	G419569	Prep22	5.26	5.99	4.73	4.88	5.22	0.026
KBDD11141	G468615	244	244.7	Prep22	AA24-GRA22	3.30	G419570	Prep22	0.9	0.85	0.77	0.94	0.87	0.585
KBDD11141	G468616	244.7	245.5	Prep22	AA24-GRA22	0.62	G419571	Prep22	0.32	0.9	0.52	0.46	0.55	0.061
KBDD11141	G468619	246	247	Prep22	AA24-GRA22	0.01	G419573	Prep22	<0.01	<0.01	<0.01	<0.01	0.01	0.375

HoleID	SpleIDOR	From	To	Method	Analaysis	AuOR	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD11141	G468620	247	248	Prep22	AA24-GRA22	1.57	G419574	Prep22	0.57	0.56	0.58	0.47	0.55	0.485
KBDD11141	G468621	248	249	Prep22	AA24-GRA22	1.82	G419575	Prep22	1	0.7	0.94	0.96	0.90	0.337
KBDD11141	G468622	249	250	Prep22	AA24-GRA22	1.88	G419576	Prep22	1.22	1.8	1.46	2.04	1.63	0.070
KBDD11141	G468623	250	251	Prep22	AA24-GRA22	0.97	G419577	Prep22	1.39	0.92	0.9	0.81	1.01	0.018
KBDD11141	G468624	251	252	Prep22	AA24-GRA22	7.70	G419578	Prep22	12.3	11.85	11.7	11.6	11.86	0.213
KBDD11141	G468626	252	253	Prep22	AA24-GRA22	0.02	G419579	Prep22	0.04	<0.01	0.03	0.04	0.03	0.156
KBDD11141	G468627	253	253.5	Prep22	AA24-GRA22	0.07	G419581	Prep22	0.09	0.14	0.14	0.15	0.13	0.327
KBDD11141	G468628	253.5	254.4	Prep22	AA24-GRA22	2.06	G419582	Prep22	2.45	2.1	2.34	1.85	2.19	0.029
KBDD11141	G468630	254.4	255	Prep22	AA24-GRA22	0.22	G419583	Prep22	0.28	0.28	0.24	0.25	0.26	0.079
KBDD11141	G468631	255	256	Prep22	AA24-GRA22	4.36	G419584	Prep22	1.51	1.63	1.62	1.65	1.60	0.462
KBDD11141	G468632	256	257	Prep22	AA24-GRA22	1.16	G419585	Prep22	0.75	0.95	1	0.98	0.92	0.115
KBDD11141	G468633	257	258	Prep22	AA24-GRA22	1.94	G419586	Prep22	3.72	2.74	3.49	3.09	3.26	0.254
KBDD11141	G468634	258	259	Prep22	AA24-GRA22	2.06	G419587	Prep22	2.4	2.35	3.06	3.21	2.76	0.144
KBDD11141	G468635	259	260	Prep22	AA24-GRA22	2.96	G419588	Prep22	1.69	3.21	3.37	3.27	2.89	0.013
KBDD11141	G468636	260	261	Prep22	AA24-GRA22	0.84	G419589	Prep22	1.24	1.33	0.91	1.52	1.25	0.194
KBDD11141	G468637	261	262	Prep22	AA24-GRA22	1.85	G419590	Prep22	1.86	1.25	1.72	1.72	1.64	0.060
KBDD11141	G468639	262	263	Prep22	AA24-GRA22	6.90	G419591	Prep22	3.05	3.37	2.53	3.68	3.16	0.372
KBDD11141	G468640	263	264	Prep22	AA24-GRA22	1.34	G419593	Prep22	0.18	0.47	0.37	0.5	0.38	0.558
KBDD11141	G468641	264	265	Prep22	AA24-GRA22	0.07	G419594	Prep22	0.02	0.04	0.03	0.04	0.03	0.390
KBDD11141	G468642	265	266	Prep22	AA24-GRA22	4.30	G419595	Prep22	8.9	6.18	6.7	5.68	6.87	0.230
KBDD11141	G468643	266	267	Prep22	AA24-GRA22	3.90	G419596	Prep22	3.97	3.85	4.35	3.96	4.03	0.017
KBDD11141	G468644	267	268	Prep22	AA24-GRA22	4.49	G419597	Prep22	4.04	2.47	3.3	3.52	3.33	0.148
KBDD11141	G468645	268	269	Prep22	AA24-GRA22	3.34	G419598	Prep22	6.64	6.74	5.78	4.77	5.98	0.283
KBDD11141	G468646	269	270	Prep22	AA24-GRA22	3.24	G419599	Prep22	2.19	2.03	2.48	1.82	2.13	0.207
KBDD11141	G468648	270	271	Prep22	AA24-GRA22	1.33	G419601	Prep22	2.26	1.49	1.92	2.84	2.13	0.231
KBDD11141	G468649	271	272	Prep22	AA24-GRA22	0.11	G419602	Prep22	0.14	0.07	0.02	0.1	0.08	0.143
KBDD11141	G468650	272	273	Prep22	AA24-GRA22	0.04	G419603	Prep22	0.06	<0.01	0.03	0.04	0.03	0.121
KBDD11141	G468651	273	274	Prep22	AA24-GRA22	1.83	G419604	Prep22	1.7	1.8	1.32	1.52	1.59	0.072
KBDD11141	G468652	274	275	Prep22	AA24-GRA22	1.15	G419605	Prep22	0.59	0.96	0.76	0.76	0.77	0.199
KBDD11141	G468655	276	277	Prep22	AA24-GRA22	2.02	G419606	Prep22	2.32	2.32	3.21	1.83	2.42	0.090
KBDD11141	G468656	277	278	Prep22	AA24-GRA22	0.49	G419607	Prep22	0.3	0.16	0.16	0.27	0.22	0.375

HoleID	SpleIDOR	From	To	Method	Analaysis	AuOR	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD11141	G468657	278	279	Prep22	AA24-GRA22	0.80	G419608	Prep22	0.75	0.64	0.47	0.56	0.61	0.138
KBDD11141	G468658	279	280	Prep22	AA24-GRA22	2.46	G419609	Prep22	1.03	1.36	1.42	1.28	1.27	0.318
KBDD11141	G468659	280	281	Prep22	AA24-GRA22	0.27	G419610	Prep22	0.19	0.19	0.27	0.2	0.21	0.116
KBDD11141	G468660	281	282	Prep22	AA24-GRA22	0.17	G419611	Prep22	0.25	0.39	0.39	0.37	0.35	0.338
KBDD11141	G468661	282	283	Prep22	AA24-GRA22	2.95	G419612	Prep22	1.76	1.17	1.83	1.41	1.54	0.313
KBDD11141	G468662	283	284	Prep22	AA24-GRA22	0.69	G419613	Prep22	0.47	0.55	0.43	0.56	0.50	0.160
KBDD11141	G468663	284	285	Prep22	AA24-GRA22	0.95	G419614	Prep22	0.64	0.85	0.96	0.94	0.85	0.055
KBDD11141	G468664	285	286	Prep22	AA24-GRA22	0.57	G419616	Prep22	1.48	1.54	1.33	2.14	1.62	0.483
KBDD11141	G468665	286	287	Prep22	AA24-GRA22	0.77	G419617	Prep22	1.82	1.76	1.57	2.03	1.80	0.400
KBDD11141	G468666	287	288	Prep22	AA24-GRA22	1.64	G419618	Prep22	2.35	2.52	2.03	3.04	2.49	0.205
KBDD11141	G468667	288	289	Prep22	AA24-GRA22	1.07	G419619	Prep22	0.41	0.83	0.46	0.54	0.56	0.313
KBDD11141	G468669	289	290	Prep22	AA24-GRA22	0.11	G419620	Prep22	0.14	0.11	0.07	0.1	0.11	0.037
KBDD11141	G468671	290	291	Prep22	AA24-GRA22	0.01	G419621	Prep22	<0.01	0.01	0.02	<0.01	0.01	0.053
KBDD11141	G468673	292	293	Prep22	AA24-GRA22	0.87	G419623	Prep22	1.54	1.36	1.44	1.88	1.56	0.282
KBDD11141	G468674	293	294	Prep22	AA24-GRA22	0.52	G419624	Prep22	0.62	0.66	0.68	0.63	0.65	0.106
KBDD11105	G472053	104	105	Prep22	SCR22	0.67	G419625	Prep22	7.33	6.86	5.93	4.78	6.23	0.806
KBDD11105	G472054	105	106	Prep22	SCR22	0.77	G419626	Prep22	0.82	0.72	0.72	0.8	0.77	0.003
KBDD11105	G472055	106	107	Prep22	SCR22	0.01	G419627	Prep22	0.01	0.03	0.02	0.01	0.02	0.273
KBDD11105	G472056	107	108	Prep22	SCR22	1.70	G419628	Prep22	2.58	5.23	3.31	4.03	3.79	0.380
KBDD11105	G472059	109	110	Prep22	SCR22	3.97	G419629	Prep22	1.2	0.91	1.59	1.36	1.27	0.517
KBDD11105	G472060	110	111	Prep22	SCR22	3.42	G419630	Prep22	35.5	30.9	39.7	37.9	36.00	0.826
KBDD11105	G472061	111	112	Prep22	SCR22	3.56	G419631	Prep22	4.1	3.94	3.98	4.4	4.11	0.071
KBDD11105	G472062	112	113	Prep22	SCR22	0.05	G419633	Prep22	0.05	0.04	0.07	0.13	0.07	0.184
KBDD11105	G472063	113	114	Prep22	SCR22	0.13	G419634	Prep22	0.3	0.21	0.16	0.14	0.20	0.218
KBDD11105	G472064	114	115	Prep22	SCR22	0.34	G419635	Prep22	0.51	0.36	0.47	0.44	0.45	0.134
KBDD11105	G472065	115	116	Prep22	SCR22	0.74	G419636	Prep22	0.65	0.49	0.52	0.58	0.56	0.138
KBDD11105	G472066	116	117	Prep22	SCR22	1.37	G419637	Prep22	1.26	1.12	1.13	1.25	1.19	0.070
KBDD11105	G472067	117	118	Prep22	SCR22	3.26	G419638	Prep22	2.38	2.39	2.16	2.67	2.40	0.152
KBDD11105	G472068	118	119	Prep22	SCR22	1.64	G419640	Prep22	2.17	2.57	2.22	2.51	2.37	0.182
KBDD11105	G472070	119	120	Prep22	SCR22	2.68	G419641	Prep22	2.54	1.55	2.78	2.47	2.34	0.069
KBDD11172	G381681	127	128	Prep31B	AA24-GRA22_X4	3.54	G419642	Prep22	1	1.96	0.95	0.98	1.22	0.487

HoleID	SpleIDOR	From	To	Method	Analaysis	AuOR	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD11172	G381682	128	129	Prep31B	AA24-GRA22_X4	5.58	G419643	Prep22	4.76	4.99	4	4.5	4.56	0.100
KBDD11172	G381684	129	130	Prep31B	AA24-GRA22_X4	19.11	G419644	Prep22	19.75	32.2	19.5	32.6	26.01	0.153
KBDD11172	G381685	130	131	Prep31B	AA24-GRA22_X4	7.26	G419645	Prep22	10.1	7.28	9.4	8.2	8.75	0.093
KBDD11172	G381686	131	132	Prep31B	AA24-GRA22_X4	2.83	G419647	Prep22	9.57	10.15	8.38	9.49	9.40	0.537
KBDD11172	G381688	132	133	Prep31B	AA24-GRA22_X4	21.43	G419648	Prep22	9.66	9.07	10.4	6.29	8.86	0.415
KBDD11172	G381689	133	134	Prep31B	AA24-GRA22_X4	2.72	G419649	Prep22	1.34	1.16	1.01	1.76	1.32	0.348
KBDD11172	G381690	134	135	Prep31B	AA24-GRA22_X4	1.51	G419650	Prep22	1.05	0.73	0.84	0.87	0.87	0.268
KBDD11172	G381691	135	136	Prep31B	AA24-GRA22_X4	0.99	G419651	Prep22	0.93	0.86	0.82	1.03	0.91	0.040
KBDD11172	G381692	136	137	Prep31B	AA24-GRA22_X4	1.94	G419652	Prep22	0.99	1.18	0.99	0.85	1.00	0.319
KBDD11172	G381693	137	138	Prep31B	AA24-GRA22_X4	2.16	G419653	Prep22	2.48	2.38	2.19	3.38	2.61	0.093
KBDD11172	G381694	138	139		AA24-GRA22_X4	4.39	G419655	Prep22	2.01	2	1.62	2.39	2.01	0.373
KBDD11172	G381696	139	140	Prep31B	AA24-GRA22_X4	5.45	G419656	Prep22	5.43	5.43	5.34	5.09	5.32	0.012
KBDD11172	G381697	140	141	Prep31B	AA24-GRA22_X4	10.34	G419658	Prep22	24.4	18.8	31.1	57.1	32.85	0.521
KBDD11172	G381698	141	142	Prep31B	AA24-GRA22_X4	2.51	G419659	Prep22	3.95	4.24	3.87	4.04	4.03	0.231
KBDD11172	G381699	142	143	Prep31B	AA24-GRA22_X4	0.63	G419660	Prep22	0.47	0.42	0.3	0.32	0.38	0.251
KBDD11176	G432609	167	168	Prep31B	AA24-GRA22_X4	2.15	G419662	Prep22	8.58	6.62	10.55	7.16	8.23	0.586
KBDD11176	G432611	168	169	Prep31B	AA24-GRA22_X4	13.95	G419663	Prep22	5.14	5.59	6.62	5.19	5.64	0.425
KBDD11176	G432612	169	170	Prep31B	AA24-GRA22_X4	2.31	G419665	Prep22	3.57	5.32	4.07	5.95	4.73	0.344
KBDD11176	G432613	170	171	Prep31B	AA24-GRA22_X4	23.50	G419666	Prep22	13.95	9.19	13.95	12.6	12.42	0.308
KBDD11176	G432614	171	172	Prep31B	AA24-GRA22_X4	4.19	G419667	Prep22	4.75	11.4	5.88	5.68	6.93	0.246
KBDD11176	G432615	172	173	Prep31B	AA24-GRA22_X4	1.34	G419669	Prep22	0.85	0.98	1.03	0.97	0.96	0.165
KBDD11176	G432616	173	174	Prep31B	AA24-GRA22_X4	1.36	G419670	Prep22	3.47	2.69	2.88	3.48	3.13	0.394
KBDD11176	G432617	174	175	Prep31B	AA24-GRA22_X4	12.95	G419671	Prep22	8	6.38	7.96	9.98	8.08	0.232
KBDD11176	G432619	175	176	Prep31B	AA24-GRA22_X4	3.53	G419673	Prep22	3.98	4.77	4.21	3.49	4.11	0.077
KBDD11176	G432620	176	177	Prep31B	AA24-GRA22_X4	0.79	G419674	Prep22	1.31	1.3	1.55	1.36	1.38	0.274
KBDD11176	G432621	177	178	Prep31B	AA24-GRA22_X4	5.96	G419675	Prep22	3.28	3.66	4.98	3.97	3.97	0.200
KBDD11176	G432622	178	179	Prep31B	AA24-GRA22_X4	1.77	G419676	Prep22	0.61	0.65	0.74	0.62	0.66	0.459
KBDD11176	G432623	179	180	Prep31B	AA24-GRA22_X4	1.09	G419677	Prep22	0.58	0.55	0.53	0.49	0.54	0.341
KBDD11176	G432624	180	181	Prep31B	AA24-GRA22_X4	0.26	G419678	Prep22	0.11	0.15	0.14	0.11	0.13	0.335
KBDD11176	G432625	181	182	Prep31B	AA24-GRA22_X4	1.76	G419680	Prep22	1.48	1.75	1.69	1.58	1.63	0.040
KBDD11176	G432627	182	183	Prep31B	AA24-GRA22_X4	1.92	G419681	Prep22	1.93	1.95	1.93	1.65	1.87	0.014

HoleID	SpleIDOR	From	To	Method	Analaysis	AuOR	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD11176	G432628	183	184	Prep31B	AA24-GRA22_X4	1.04	G419682	Prep22	0.9	1.15	1.3	1.09	1.11	0.031
KBDD11176	G432629	184	185	Prep31B	AA24-GRA22_X4	0.31	G419683	Prep22	0.2	0.18	0.38	0.24	0.25	0.099
KBDD11176	G432630	185	186	Prep31B	AA24-GRA22_X4	0.22	G419684	Prep22	0.19	0.22	0.25	0.2	0.22	0.021
KBDD11176	G432632	187	188	Prep31B	AA24-GRA22_X4	0.55	G419685	Prep22	0.51	0.53	0.64	0.41	0.52	0.028
KBDD11176	G432633	188	189	Prep31B	AA24-GRA22_X4	0.70	G419686	Prep22	0.64	0.62	0.73	0.86	0.71	0.010
KBDD11176	G432634	189	190	Prep31B	AA24-GRA22_X4	0.59	G419687	Prep22	0.14	0.25	0.2	0.14	0.18	0.529
KBDD10099	G470820	141	142	Prep22	AA24-GRA22	0.47	G419688	Prep22	0.74	0.49	0.85	0.69	0.69	0.193
KBDD10099	G470821	142	143	Prep22	AA24-GRA22	1.37	G419689	Prep22	1.24	1.95	1.6	1.69	1.62	0.085
KBDD10099	G470823	144	145	Prep22	AA24-GRA22	1.38	G419690	Prep22	0.66	0.52	0.66	0.52	0.59	0.401
KBDD10099	G470824	145	146	Prep22	AA24-GRA22	3.78	G419691	Prep22	2.49	1.35	2.12	2.23	2.05	0.297
KBDD10099	G470825	146	147	Prep22	AA24-GRA22	5.54	G419692	Prep22	4.08	3.23	4.44	3.78	3.88	0.176
KBDD10099	G470826	147	148	Prep22	AA24-GRA22	1.00	G419693	Prep22	0.83	0.85	0.72	0.78	0.80	0.114
KBDD10099	G470827	148	149	Prep22	AA24-GRA22	0.62	G419695	Prep22	7.89	6.18	8.86	7.65	7.65	0.851
KBDD10099	G470828	149	150	Prep22	SCR22	4.00	G419696	Prep22	2.81	2.82	3.18	2.71	2.88	0.163
KBDD10099	G470830	150	151	Prep22	SCR22	3.94	G419697	Prep22	2.26	3.22	1.75	3.43	2.67	0.193
KBDD10099	G470831	151	152	Prep22	SCR22	0.48	G419698	Prep22	1.4	1.26	1.06	1.22	1.24	0.440
KBDD10099	G470832	152	153	Prep22	AA24-GRA22	2.68	G419699	Prep22	1.7	1.93	1.72	1.54	1.72	0.217
KBDD10099	G470834	153	154	Prep22	AA24-GRA22	0.24	G419700	Prep22	0.08	0.09	0.15	0.12	0.11	0.371
KBDD10099	G470835	154	155	Prep22	AA24-GRA22	1.99	G419701	Prep22	5.37	6.51	6.24	9.3	6.86	0.551
KBDD10099	G470836	155	156	Prep22	AA24-GRA22	4.46	G419702	Prep22	10.6	13.5	15.6	11.1	12.70	0.480
KBDD10099	G470837	156	157	Prep22	AA24-GRA22	1.54	G419704	Prep22	1.81	1.31	2.16	1.28	1.64	0.033
KBDD10099	G470838	157	158	Prep22	AA24-GRA22	2.31	G419705	Prep22	2.62	1.96	2.35	3.2	2.53	0.046
KBDD10099	G470841	159	160	Prep22	AA24-GRA22	0.17	G419707	Prep22	0.21	0.29	0.25	0.21	0.24	0.182
KBDD11143	G469554	249	250	Prep22	AA24-GRA22	0.62	G419709	Prep22	0.77	0.67	0.74	0.72	0.73	0.076
KBDD11143	G469556	251	252	Prep22	AA24-GRA22	0.07	G419710	Prep22	0.06	0.07	0.08	0.04	0.06	0.064
KBDD11143	G469557	252	253	Prep22	AA24-GRA22	0.32	G419711	Prep22	0.45	0.47	0.39	0.33	0.41	0.129
KBDD11143	G469558	253	254	Prep22	AA24-GRA22	2.88	G419712	Prep22	2.12	2.95	2.81	2.28	2.54	0.063
KBDD11143	G469559	254	255	Prep22	AA24-GRA22	0.54	G419713	Prep22	0.29	0.4	0.27	0.23	0.30	0.290
KBDD11143	G469561	255	256	Prep22	AA24-GRA22	0.76	G419714	Prep22	1.18	0.99	0.93	1.17	1.07	0.168
KBDD11143	G469562	256	257	Prep22	AA24-GRA22	0.45	G419715	Prep22	0.87	0.65	0.8	0.98	0.83	0.296
KBDD11143	G469563	257	258	Prep22	AA24-GRA22	0.70	G419717	Prep22	0.39	0.37	0.42	0.44	0.41	0.268

HoleID	SpleIDOR	From	To	Method	Analaysis	AuOR	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD11143	G469564	258	259	Prep22	AA24-GRA22	3.48	G419718	Prep22	3.12	3.5	3.67	3.39	3.42	0.009
KBDD11143	G469565	259	260	Prep22	AA24-GRA22	2.68	G419719	Prep22	2.38	2.39	3.48	2.57	2.71	0.005
KBDD11143	G469566	260	261	Prep22	AA24-GRA22	0.50	G419720	Prep22	0.49	0.45	0.56	0.42	0.48	0.024
KBDD11143	G469568	261	262	Prep22	AA24-GRA22	4.12	G419721	Prep22	6.15	5.78	6.7	6.61	6.31	0.210
KBDD11143	G469569	262	263	Prep22	AA24-GRA22	7.63	G419722	Prep22	6.13	6.45	7.17	6.1	6.46	0.083
KBDD11143	G469570	263	264	Prep22	AA24-GRA22	1.13	G419724	Prep22	0.53	0.57	0.53	0.62	0.56	0.333
KBDD11143	G469571	264	265	Prep22	AA24-GRA22	0.39	G419725	Prep22	0.7	0.55	0.72	0.62	0.65	0.253
KBDD11143	G469573	265	266	Prep22	AA24-GRA22	2.95	G419726	Prep22	3.27	4.23	3.61	3.2	3.58	0.096
KBDD11143	G469574	266	267	Prep22	AA24-GRA22	2.03	G419727	Prep22	0.86	0.83	1.76	1.11	1.14	0.281
KBDD11143	G469575	267	268	Prep22	AA24-GRA22	1.92	G419728	Prep22	1.22	1.31	1.6	1.22	1.34	0.179
KBDD11143	G469576	268	269	Prep22	AA24-GRA22	1.89	G419729	Prep22	1.21	0.94	0.93	0.85	0.98	0.316
KBDD11143	G469577	269	270	Prep22	AA24-GRA22	0.23	G419730	Prep22	0.22	0.19	0.21	0.23	0.21	0.048
KBDD11143	G469579	271	272	Prep22	AA24-GRA22	0.27	G419732	Prep22	0.39	0.48	0.48	0.27	0.41	0.204
KBDD11143	G469580	272	273	Prep22	AA24-GRA22	0.61	G419734	Prep22	1.4	1.3	1.27	1.31	1.32	0.368
KBDD11143	G469581	273	274	Prep22	AA24-GRA22	1.65	G419735	Prep22	8.49	4.96	4.96	6.23	6.16	0.577
KBDD11143	G469583	274	275	Prep22	AA24-GRA22	4.59	G419736	Prep22	3.36	3.56	5.26	3.6	3.95	0.076
KBDD11143	G469584	275	276	Prep22	AA24-GRA22	5.01	G419737	Prep22	3.55	4.47	4.42	3.15	3.90	0.125
KBDD11143	G469585	276	277	Prep22	AA24-GRA22	1.47	G419738	Prep22	0.77	0.87	0.85	0.84	0.83	0.277
KBDD11143	G469586	277	278	Prep22	AA24-GRA22	1.10	G419740	Prep22	0.75	0.56	0.71	0.56	0.65	0.259
KBDD11143	G469587	278	279	Prep22	AA24-GRA22	0.19	G419741	Prep22	0.43	0.33	0.42	0.38	0.39	0.354
KBDD11143	G469589	280	281	Prep22	AA24-GRA22	0.01	G419743	Prep22	<0.01	<0.01	<0.01	<0.01	0.01	0.375
KBDD11143	G469590	281	282	Prep22	AA24-GRA22	0.02	G419744	Prep22	0.03	0.07	0.04	0.04	0.05	0.343
KBDD11143	G469591	282	283	Prep22	AA24-GRA22	0.09	G419745	Prep22	0.06	0.01	0.04	0.06	0.04	0.354
KBDD11143	G469592	283	284	Prep22	AA24-GRA22	0.18	G419746	Prep22	0.1	0.28	0.11	0.21	0.18	0.025
KBDD11143	G469594	284	285	Prep22	AA24-GRA22	20.80	G419747	Prep22	5.94	6.69	10.85	8.49	7.99	0.445
KBDD11143	G469595	285	286	Prep22	AA24-GRA22	1.53	G419748	Prep22	0.67	0.51	0.52	0.58	0.57	0.457
KBDD11143	G469596	286	287	Prep22	AA24-GRA22	0.04	G419749	Prep22	0.03	0.01	0.01	0.02	0.02	0.346
KBDD11143	G469599	289	290	Prep22	AA24-GRA22	0.44	G419752	Prep22	0.59	0.62	0.59	0.54	0.59	0.144
KBDD11154	G384852	37	38	Prep31B	AA24-GRA22_X4	2.05	G419753	Prep22	0.07	0.14	0.11	0.05	0.09	0.913
KBDD11154	G384853	38	39	Prep31B	AA24-GRA22_X4	0.04	G419754	Prep22	0.04	0.02	0.03	0.04	0.03	0.139
KBDD11154	G384854	39	40	Prep31B	AA24-GRA22_X4	1.40	G419755	Prep22	0.16	0.17	0.22	0.19	0.19	0.766

HoleID	SpleIDOR	From	To	Method	Analaysis	AuOR	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD11154	G384855	40	41	Prep31B	AA24-GRA22_X4	0.73	G419756	Prep22	1.19	0.69	1.57	0.72	1.04	0.176
KBDD11154	G384856	41	42	Prep31B	AA24-GRA22_X4	7.78	G419758	Prep22	11.55	12.35	11.3	11.95	11.79	0.205
KBDD11154	G384858	42	43	Prep31B	AA24-GRA22_X4	6.02	G419759	Prep22	2.21	1.76	2.78	1.9	2.16	0.471
KBDD11154	G384859	43	44	Prep31B	AA24-GRA22_X4	0.99	G419761	Prep22	0.35	0.66	0.67	0.56	0.56	0.279
KBDD11154	G384860	44	45	Prep31B	AA24-GRA22_X4	0.63	G419762	Prep22	0.27	0.13	0.23	0.51	0.29	0.380
KBDD11154	G384861	45	46	Prep31B	AA24-GRA22_X4	1.01	G419763	Prep22	2.77	4	3.2	2.76	3.18	0.518
KBDD11154	G384863	46	47	Prep31B	AA24-GRA22_X4	2.56	G419764	Prep22	5.77	8.36	5.44	6.95	6.63	0.443
KBDD11154	G384864	47	48	Prep31B	AA24-GRA22_X4	0.37	G419765	Prep22	0.8	0.85	1.09	1.08	0.96	0.437
KBDD11154	G384865	48	49	Prep31B	AA24-GRA22_X4	2.40	G419766	Prep22	2.86	3.2	3.06	3.2	3.08	0.125
KBDD11154	G384866	49	50	Prep31B	AA24-GRA22_X4	1.66	G419768	Prep22	2.91	3.27	2.93	2.52	2.91	0.273
KBDD11154	G384867	50	51	Prep31B	AA24-GRA22_X4	2.33	G419769	Prep22	0.77	0.94	0.64	0.53	0.72	0.528
KBDD11154	G384868	51	52	Prep31B	AA24-GRA22_X4	0.52	G419770	Prep22	1.57	0.85	1.85	0.69	1.24	0.408
KBDD11154	G384869	52	53	Prep31B	AA24-GRA22_X4	1.53	G419771	Prep22	2.04	1.78	2.16	2.08	2.02	0.138
KBDD11154	G384870	53	54	Prep31B	AA24-GRA22_X4	7.32	G419772	Prep22	2.25	2.16	2.21	1.9	2.13	0.549
KBDD11154	G384871	54	55	Prep31B	AA24-GRA22_X4	1.62	G419774	Prep22	7.51	8.76	8.11	2.94	6.83	0.617
KBDD11154	G384873	55	56	Prep31B	AA24-GRA22_X4	7.60	G419775	Prep22	3.64	4.54	5.64	4.11	4.48	0.258
KBDD12203	G418422	37	38	Prep22	AA26_X4	4.42	G419776	Prep22	3.17	3.98	4.4	4.12	3.92	0.061
KBDD12203	G418423	38	39	Prep22	AA26_X4	0.26	G419777	Prep22	0.61	0.55	0.44	0.56	0.54	0.346
KBDD12203	G418424	39	40	Prep22	AA26_X4	1.32	G419778	Prep22	1.76	2.37	2.92	2.08	2.28	0.266
KBDD12203	G418426	40	41	Prep22	AA26_X4	5.68	G419780	Prep22	4.3	4.64	4.29	4.33	4.39	0.128
KBDD12203	G418427	41	42	Prep22	AA26_X4	7.16	G419781	Prep22	8.14	8.93	8.15	7.51	8.18	0.066
KBDD12203	G418428	42	43	Prep22	AA26_X4	2.56	G419783	Prep22	3.41	3.24	3.26	3.83	3.44	0.145
KBDD12203	G418429	43	44	Prep22	AA26_X4	0.19	G419784	Prep22	0.12	0.13	0.11	0.07	0.11	0.271
KBDD12203	G418430	44	45	Prep22	AA26_X4	0.03	G419785	Prep22	0.04	0.08	0.04	0.03	0.05	0.226
KBDD12203	G418431	45	46	Prep22	AA26_X4	0.26	G419786	Prep22	0.16	0.29	0.25	0.58	0.32	0.108
KBDD12203	G418433	46	47	Prep22	AA26_X4	7.75	G419787	Prep22	15.7	19	17.65	7.19	14.89	0.316
KBDD12203	G418434	47	48	Prep22	AA26_X4	8.25	G419788	Prep22	5.72	6.54	7.47	6.8	6.63	0.108
KBDD12203	G418435	48	49	Prep22	AA26_X4	0.14	G419789	Prep22	0.09	0.07	0.11	0.1	0.09	0.196
KBDD12203	G418437	49	50	Prep22	AA26_X4	1.94	G419791	Prep22	1.44	1.33	1.52	1.46	1.44	0.149
KBDD12203	G418438	50	51	Prep22	AA26_X4	8.05	G419792	Prep22	7.62	7.46	7.95	10.45	8.37	0.019
KBDD12203	G418439	51	52	Prep22	AA26_X4	3.95	G419793	Prep22	7.02	8.69	7.19	6.59	7.37	0.302

HoleID	SpleIDOR	From	To	Method	Analaysis	AuOR	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD12203	G418440	52	53	Prep22	AA26_X4	0.72	G419795	Prep22	0.79	1.4	0.78	0.78	0.94	0.133
KBDD12203	G418441	53	54	Prep22	AA26_X4	2.94	G419796	Prep22	4.53	3.94	3.75	2.82	3.76	0.123
KBDD12203	G418442	54	55	Prep22	AA26_X4	3.70	G419797	Prep22	3.32	3.79	3.55	5.97	4.16	0.059
KBDD10091	G372389	105	106	Prep22	AA24-GRA22	0.67	G419798	Prep22	1.42	1.18	1.01	1.15	1.19	0.278
KBDD10091	G372391	107	108	Prep22	AA24-GRA22	1.51	G419800	Prep22	0.31	0.3	0.3	0.24	0.29	0.679
KBDD10091	G372393	109	110	Prep22	AA24-GRA22	0.32	G419801	Prep22	0.88	0.84	0.86	0.86	0.86	0.464
KBDD10091	G372394	110	111	Prep22	AA24-GRA22	1.37	G419803	Prep22	0.4	0.37	0.34	0.49	0.40	0.547
KBDD10091	G372395	111	112	Prep22	AA24-GRA22	0.60	G419804	Prep22	0.84	0.99	0.58	0.92	0.83	0.161
KBDD10091	G372396	112	113	Prep22	AA24-GRA22	0.26	G419805	Prep22	0.33	0.31	0.29	0.27	0.30	0.064
KBDD10091	G372397	113	114	Prep22	AA24-GRA22	0.32	G419806	Prep22	0.25	0.23	0.18	0.23	0.22	0.177
KBDD10091	G372399	114	115	Prep22	AA24-GRA22	0.89	G419807	Prep22	1.15	0.87	1.04	0.89	0.99	0.052
KBDD10091	G372400	115	116	Prep22	AA24-GRA22	0.94	G419808	Prep22	1.2	1.21	1.21	1.3	1.23	0.136
KBDD10091	G372401	116	117	Prep22	SCR22	2.34	G419810	Prep22	2.67	2.78	3.07	4.5	3.26	0.164
KBDD10091	G372403	118	119	Prep22	SCR22	16.55	G419811	Prep22	39.7	43.9	46	54.7	46.08	0.471
KBDD10091	G372404	119	120	Prep22	SCR22	4.69	G419812	Prep22	2.85	3.86	3.08	3.04	3.21	0.188
KBDD10091	G372405	120	121	Prep22	SCR22	1.41	G419814	Prep22	2.4	2.25	1.95	2.03	2.16	0.210
KBDD10091	G372406	121	122	Prep22	AA24-GRA22	0.41	G419815	Prep22	0.27	0.34	0.35	0.33	0.32	0.115
KBDD10086	G371402	58.5	59	Prep22	AA24-GRA22	3.00	G419816	Prep22	1.5	1.28	1.45	1.59	1.46	0.347
KBDD10086	G371403	59	59.5	Prep22	AA24-GRA22	2.15	G419817	Prep22	3.31	3.18	3.02	3.72	3.31	0.212
KBDD10086	G371405	59.5	60	Prep22	AA24-GRA22	1.96	G419818	Prep22	1.1	0.97	0.95	1.41	1.11	0.278
KBDD10086	G371406	60	60.6	Prep22	AA24-GRA22	1.20	G419819	Prep22	0.81	0.84	0.86	0.88	0.85	0.172
KBDD10086	G371408	60.6	61	Prep22	AA24-GRA22	2.59	G419820	Prep22	0.24	0.27	1.07	0.7	0.57	0.639
KBDD10086	G371410	62	63	Prep22	AA24-GRA22	0.12	G419823	Prep22	2.84	3.81	3.39	6.83	4.22	0.946
KBDD10086	G371411	63	64	Prep22	AA24-GRA22	0.75	G419824	Prep22	0.08	0.04	0.07	0.04	0.06	0.858
KBDD10086	G371418	69	69.5	Prep22	AA24-GRA22	2.79	G419830	Prep22	2.69	3.11	2.73	2.75	2.82	0.005
KBDD10086	G371419	69.5	70	Prep22	AA24-GRA22	1.84	G419831	Prep22	0.84	0.89	0.92	1.32	0.99	0.299
KBDD10086	G371420	70	71	Prep22	AA24-GRA22	2.97	G419832	Prep22	1.79	1.82	1.72	1.74	1.77	0.254
KBDD10086	G371421	71	72	Prep22	AA24-GRA22	2.60	G419833	Prep22	2.39	2.61	2.4	2.31	2.43	0.034
KBDD10086	G371446	92	93	Prep22	AA24-GRA22	1.65	G419834	Prep22	1.4	1.93	2.76	1.46	1.89	0.067
KBDD10086	G371447	93	94	Prep22	AA24-GRA22	0.68	G419835	Prep22	0.51	0.57	0.57	0.67	0.58	0.077
KBDD10086	G371448	94	94.5	Prep22	AA24-GRA22	3.77	G419836	Prep22	3.54	3.61	3.56	3.49	3.55	0.030

HoleID	SpleIDOR	From	To	Method	Analaysis	AuOR	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD10086	G371449	94.5	95	Prep22	AA24-GRA22	0.93	G419837	Prep22	2.13	2.11	2.13	1.79	2.04	0.376
KBDD10086	G371451	95.5	96	Prep22	AA24-GRA22	1.28	G419838	Prep22	2.49	2.33	2.2	1.65	2.17	0.259
KBDD10086	G371453	96	97	Prep22	AA24-GRA22	1.36	G419839	Prep22	2.24	2.64	1.41	1.02	1.83	0.148
KBDD10086	G371454	97	97.5	Prep22	AA24-GRA22	0.04	G419841	Prep22	0.07	0.07	0.11	0.05	0.08	0.327
KBDD10086	G371456	98	98.3	Prep22	AA24-GRA22	0.45	G419843	Prep22	0.64	0.63	0.63	0.44	0.59	0.132
KBDD10086	G371457	98.3	98.6	Prep22	AA24-GRA22	0.66	G419844	Prep22	0.11	0.1	0.17	0.09	0.12	0.696
KBDD10086	G371458	98.6	99	Prep22	AA24-GRA22	0.06	G419845	Prep22	2.99	3.3	2.63	1.67	2.65	0.953
KBDD10086	G371461	100	101	Prep22	AA24-GRA22	1.14	G419847	Prep22	10.2	7.06	7.05	9.64	8.49	0.764
KBDD10086	G371463	101	102	Prep22	AA24-GRA22	5.30	G419848	Prep22	0.88	1.92	0.74	0.47	1.00	0.682
KBDD10086	G371464	102	103	Prep22	AA24-GRA22	1.41	G419850	Prep22	0.13	0.08	0.92	0.08	0.30	0.646
KBDD10101	G471297	114	115	Prep22	AA24-GRA22	0.71	G424003	Prep22	0.9	0.68	0.49	0.6	0.67	0.034
KBDD10101	G471299	115	116	Prep22	AA24-GRA22	7.54	G424004	Prep22	5.89	4.29	5.25	6.27	5.43	0.163
KBDD10101	G471300	116	117	Prep22	AA24-GRA22	3.27	G424006	Prep22	3.11	1.94	1.88	3.1	2.51	0.132
KBDD10101	G471301	117	118	Prep22	AA24-GRA22	0.13	G424007	Prep22	0.07	0.06	0.04	0.07	0.06	0.381
KBDD10101	G471302	118	119	Prep22	AA24-GRA22	4.36	G424008	Prep22	3.67	2.95	4.15	4.12	3.72	0.079
KBDD10101	G471303	119	120	Prep22	AA24-GRA22	2.61	G424009	Prep22	2.04	1.12	1.31	1.99	1.62	0.236
KBDD10101	G471304	120	121	Prep22	AA24-GRA22	1.45	G424010	Prep22	2.48	2.55	3.99	3.39	3.10	0.364
KBDD10101	G471305	121	122	Prep22	AA24-GRA22	2.66	G424011	Prep22	3.94	3.63	1.56	2.06	2.80	0.025
KBDD10101	G471306	122	123	Prep22	AA24-GRA22	0.41	G424012	Prep22	0.18	0.18	0.21	0.38	0.24	0.270
KBDD10101	G471307	123	124	Prep22	AA24-GRA22	2.07	G424013	Prep22	0.94	1.23	1.07	1.3	1.14	0.292
KBDD10101	G471309	124	125	Prep22	AA24-GRA22	3.01	G424015	Prep22	2.98	2.84	3.05	2.94	2.95	0.010
KBDD10101	G471310	125	126	Prep22	AA24-GRA22	1.39	G424016	Prep22	0.99	0.64	0.74	0.8	0.79	0.272
KBDD10101	G471311	126	127	Prep22	AA24-GRA22	0.05	G424017	Prep22	0.02	0.02	2.87	0.03	0.74	0.865
KBDD10101	G471312	127	128	Prep22	AA24-GRA22	3.65	G424018	Prep22	1.91	1.2	2.37	2.45	1.98	0.296
KBDD10101	G471313	128	129	Prep22	AA24-GRA22	0.61	G424019	Prep22	0.83	0.45	0.87	0.91	0.77	0.117
KBDD10101	G471314	129	130	Prep22	AA24-GRA22	4.85	G424020	Prep22	5.74	6.87	6.17	5.4	6.05	0.110
KBDD10101	G471315	130	131	Prep22	AA24-GRA22	0.04	G424021	Prep22	0.01	0.02	0.02	0.04	0.02	0.302
KBDD10101	G471316	131	132	Prep22	AA24-GRA22	0.04	G424022	Prep22	0.03	0.06	0.03	0.03	0.04	0.057
KBDD10101	G471317	132	133	Prep22	AA24-GRA22	0.03	G424023	Prep22	0.02	0.02	0.01	0.03	0.02	0.216
KBDD10101	G471321	135	136	Prep22	AA24-GRA22	0.03	G424026	Prep22	0.01	0.03	0.01	0.02	0.02	0.278
KBDD10101	G471322	136	137	Prep22	AA24-GRA22	0.02	G424027	Prep22	<0.01	0.01	0.01	0.02	0.01	0.343

HoleID	SpleIDOR	From	To	Method	Analaysis	AuOR	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD10101	G471325	139	140	Prep22	AA24-GRA22	0.02	G424029	Prep22	<0.01	<0.01	0.02	0.01	0.01	0.375
KBDD10101	G471329	142	143	Prep22	SCR22	1.03	G424032	Prep22	0.35	0.27	0.34	0.38	0.34	0.509
KBDD10101	G471330	143	144	Prep22	SCR22	1.11	G424033	Prep22	3.29	1.89	2.57	2.51	2.57	0.396
KBDD10101	G471331	144	145	Prep22	SCR22	12.45	G424034	Prep22	14.75	16.35	13.4	14.85	14.84	0.087
KBDD10101	G471332	145	146	Prep22	SCR22	0.71	G424035	Prep22	0.44	0.56	0.46	0.7	0.54	0.136
KBDD10101	G471334	146	147	Prep22	SCR22	10.25	G424036	Prep22	3.28	3.56	3.58	3.64	3.52	0.489
KBDD10101	G471335	147	148	Prep22	SCR22	6.20	G424038	Prep22	6.56	4.82	4.65	4.81	5.21	0.087
KBDD10101	G471336	148	149	Prep22	SCR22	11.85	G424039	Prep22	5.63	2.67	3.24	3.81	3.84	0.511
KBDD10101	G471337	149	150	Prep22	SCR22	9.73	G424040	Prep22	8.47	7.56	12.7	11	9.93	0.010
KBDD10101	G471339	150	151	Prep22	SCR22	0.83	G424042	Prep22	0.57	0.53	0.55	0.52	0.54	0.209
KBDD10101	G471340	151	152	Prep22	SCR22	0.24	G424043	Prep22	0.26	0.08	0.12	0.09	0.14	0.272
KBDD10101	G471341	152	153	Prep22	SCR22	2.78	G424044	Prep22	0.96	0.62	0.75	0.8	0.78	0.561
KBDD10101	G471342	153	154	Prep22	SCR22	3.47	G424045	Prep22	1.28	0.83	1.69	1.62	1.36	0.438
KBDD10101	G471343	154	155	Prep22	SCR22	1.72	G424046	Prep22	1.23	0.67	1.03	0.76	0.92	0.302
KBDD10101	G471344	155	156	Prep22	SCR22	1.30	G424047	Prep22	0.71	0.87	0.85	1.22	0.91	0.175
KBDD10101	G471345	156	157	Prep22	SCR22	4.61	G424048	Prep22	3.13	2.34	8.41	3.92	4.45	0.018
KBDD10101	G471348	158	159	Prep22	SCR22	2.09	G424049	Prep22	0.58	0.72	0.36	0.49	0.54	0.591
KBDD10101	G471349	159	160	Prep22	SCR22	0.92	G424050	Prep22	0.53	0.5	0.58	0.5	0.53	0.271
													Sum	**81.812**
											StdDev (Total)			**0.193**
									Results =>0.1ppm Au Standard Devaition x 2					**0.409**

	Au original		Au reassay	
	Mean	**Std Dev**	**Mean**	**Std Dev**
Mean grade for results where AuAV =>0.5ppm Au to 46.08ppm Au	3.17	3.491	3.36	4.957
Mean grade for results where AuOR =>0.5ppm Au to 46.08ppm Au	3.16	3.488	3.35	4.950

High variance pairs omitted from assessment where both original (AuOR) and new result (AuNew) are both below 0.5 ppm Au:

HoleID	SpleIDOR	From	To	Method	Analaysis	Au1	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD11108	G472824	215	216	Prep22	SCR22	0.12	G419540	Prep22	0.04	0.04	0.08	0.04	0.05	0.412
KBDD10101	G471353	163	164	Prep22	SCR22	0.12	G419505	Prep22	0.39	0.21	0.26	0.31	0.29	0.418
KBDD10086	G371459	99	100	Prep22	AA24-GRA22	0.00	G419846	Prep22	0.08	0.09	0.09	0.11	0.09	0.947
KBDD10086	G371412	64	65	Prep22	AA24-GRA22	0.01	G419826	Prep22	0.08	0.03	0.85	0.1	0.27	0.941
KBDD10099	G470842	160	161	Prep22	AA24-GRA22	0.31	G419708	Prep22	0.02	0.02	0.02	0.02	0.02	0.878
KBDD11176	G432608	165.5	167	Prep31B	AA24-GRA22_X4	0.37	G419661	Prep22	0.02	0.02	0.04	0.03	0.03	0.862
KBDD10101	G471326	140	141	Prep22	SCR22	0.15	G424030	Prep22	<0.01	0.01	<0.01	0.02	0.01	0.875
KBDD11143	G469597	287	288	Prep22	AA24-GRA22	0.11	G419750	Prep22	0.02	<0.01	0.01	0.01	0.01	0.816
KBDD11141	G468604	234	235	Prep22	AA24-GRA22	0.01	G419560	Prep22	0.01	0.29	0.05	0.11	0.12	0.825
KBDD10099	G470840	158	159	Prep22	AA24-GRA22	0.03	G419706	Prep22	0.28	0.22	0.31	0.26	0.27	0.786
KBDD10086	G371415	66	67	Prep22	AA24-GRA22	0.00	G419828	Prep22	<0.01	0.01	0.07	<0.01	0.02	0.800
KBDD10086	G371416	67	68	Prep22	AA24-GRA22	0.00	G419829	Prep22	<0.01	0.04	0.02	0.01	0.02	0.765
KBDD10086	G371409	61	62	Prep22	AA24-GRA22	0.05	G419822	Prep22	0.2	0.46	0.39	0.15	0.30	0.724
KBDD11141	G468672	291	292	Prep22	AA24-GRA22	0.02	G419622	Prep22	0.04	0.05	0.05	0.15	0.07	0.657
KBDD10091	G372390	106	107	Prep22	AA24-GRA22	0.01	G419799	Prep22	0.03	0.05	0.03	0.03	0.04	0.667
KBDD11141	G468617	245.5	246	Prep22	AA24-GRA22	0.01	G419572	Prep22	<0.01	<0.01	0.01	0.14	0.04	0.667
KBDD11143	G469588	279	280	Prep22	AA24-GRA22	0.06	G419742	Prep22	0.02	0.01	0.01	<0.01	0.01	0.675
KBDD10101	G471296	113	114	Prep22	AA24-GRA22	0.04	G424002	Prep22	0.01	0.02	<0.01	0.02	0.01	0.436
KBDD10101	G471323	137	138	Prep22	AA24-GRA22	0.02	G424028	Prep22	<0.01	<0.01	0.01	0.01	0.01	0.492
KBDD10086	G371413	65	66	Prep22	AA24-GRA22	0.00	G419827	Prep22	<0.01	<0.01	0.01	0.01	0.01	0.500
KBDD11143	G469578	270	271	Prep22	AA24-GRA22	0.02	G419731	Prep22	0.1	0.04	0.04	0.06	0.06	0.500
KBDD11143	G469598	288	289	Prep22	AA24-GRA22	0.02	G419751	Prep22	<0.01	<0.01	0.01	<0.01	0.01	0.505
KBDD11108	G472801	194	195	Prep22	SCR22	0.06	G419517	Prep22	0.27	0.15	0.18	0.13	0.18	0.505
KBDD10086	G371455	97.5	98	Prep22	AA24-GRA22	0.12	G419842	Prep22	0.43	0.28	0.33	0.38	0.36	0.507
KBDD10101	G471319	133	134	Prep22	AA24-GRA22	0.03	G424024	Prep22	<0.01	<0.01	0.01	0.02	0.01	0.535
KBDD10101	G471360	169	170	Prep22	SCR22	0.39	G419511	Prep22	0.11	0.07	0.12	0.14	0.11	0.560
KBDD11108	G472807	200	201	Prep22	SCR22	0.04	G419524	Prep22	<0.01	0.01	0.02	0.01	0.01	0.561
KBDD10101	G471320	134	135	Prep22	AA24-GRA22	0.03	G424025	Prep22	<0.01	0.01	<0.01	0.01	0.01	0.565
KBDD10101	G471295	112	113	Prep22	AA24-GRA22	0.43	G424001	Prep22	0.13	0.07	0.08	0.19	0.12	0.570

HoleID	SpleIDOR	From	To	Method	Analaysis	Au1	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD10101	G471327	141	142	Prep22	SCR22	0.17	G424031	Prep22	0.07	0.02	0.05	0.04	0.05	0.581
KBDD11141	G468603	233	234	Prep22	AA24-GRA22	0.07	G419559	Prep22	0.41	0.3	0.31	0.29	0.33	0.640

Highlight green: Variance =>2 SD's for results =>0.1ppm Au but retained in dataset

Absolute Mean Percentage Difference (**AMPD)**= 100 / n x Sum (IAu1-AuDI) / (Au1+ AuD)

where: **n** = Total number of duplicate pairs
AuOR = Original value
AuNew **= Reassay value:**

AMPD = 100 /324 x 81.8
AMPD = 25.2%
The **AMPD** of 324 reassay pairs in the range 0.01 - 46.08 ppm Au is 25.2%
The **AMPD** x 1.98 is the precision of the system.

Precision at the 95% confidence level is 49.9% in the range 0.01 - 46.08 ppm Au.

Precision for other ranges is:

Range ppm	n	Sum	P	
=>0.1-46.08	296	73.5	49.2	
=>0.5<20	243	58.2	47.4	
=>0.5<10	237	56.6	47.3	
=>0.5<5	205	46.9	45.3	
=>0.5-46.08	247	60.2	48.3	**Resource range**
=>0.3 < 0.6	41	11.8	58.7	**Cut-off range**

P = Precision **n** = Number in dataset

The highest 10 AMD values exceeding 0.5 ppm Au (AuNew) are:

HoleID	SpleIDOR	From	To	Method	Analaysis	AuOR	SpleIDNew	Method	AuD1	AuD2	AuD3	AuD4	AuAVER	AMD
KBDD11108	G472825	216	217	Prep22	SCR22	0.13	G419541	Prep22	0.56	0.73	0.43	0.49	0.55	0.619
KBDD10086	G371408	60.6	61	Prep22	AA24-GRA22	2.59	G419820	Prep22	0.24	0.27	1.07	0.7	0.57	0.639
KBDD10086	G371463	101	102	Prep22	AA24-GRA22	5.30	G419848	Prep22	0.88	1.92	0.74	0.47	1.00	0.682
KBDD10086	G371461	100	101	Prep22	AA24-GRA22	1.14	G419847	Prep22	10.2	7.06	7.05	9.64	8.49	0.764
KBDD11105	G472053	104	105	Prep22	SCR22	0.67	G419625	Prep22	7.33	6.86	5.93	4.78	6.23	0.806
KBDD11105	G472060	110	111	Prep22	SCR22	3.42	G419630	Prep22	35.5	30.9	39.7	37.9	36.00	0.826
KBDD10099	G470827	148	149	Prep22	AA24-GRA22	0.62	G419695	Prep22	7.89	6.18	8.86	7.65	7.65	0.851
KBDD10101	G471311	126	127	Prep22	AA24-GRA22	0.05	G424017	Prep22	0.02	0.02	2.87	0.03	0.74	0.865
KBDD10086	G371410	62	63	Prep22	AA24-GRA22	0.12	G419823	Prep22	2.84	3.81	3.39	6.83	4.22	0.946
KBDD10086	G371458	98.6	99	Prep22	AA24-GRA22	0.06	G419845	Prep22	2.99	3.3	2.63	1.67	2.65	0.953

18 Appendix 4 – Competent Persons Declarations

The principle personnel responsible for the preparation and review of this report are Mr. Simon Meadows Smith and Mr. Joe Amanor both of the SEMS Exploration office in Accra, Ghana, and Dr David Byrne of the SEMS Exploration office in Abidjan, Cote d'Ivoire.

Certificates of Qualification signed by Simon Meadows Smith, Joe Amanor and Dr David Byrne are presented in this appendix.

CERTIFICATE of QUALIFICATION

To accompany the report entitled
INDEPENDENT TECHNICAL REPORT,
For Xtra-Gold Resources Corp. dated October 31st, 2012

I, **Joe Amanor,** do herby certify that:

1. I reside at 41 Church Street, Adjiringanor, Accra, Ghana, West Africa.
2. I graduated from Imperial College, England in 1979 with an MSc Postgraduate Degree in Geology. I have continually practiced my profession since that time.
3. I am a member of the Australian Institute of Mining and Metallurgy with Membership number 204572.
4. I am a Geological Consultant permanently employed by SEMS Exploration Services Ltd., which is a West African based firm of consulting Geologists and Surveyors with contracts and work experience in Mali, Ghana, Burkina Faso, Cote d'Ivoire, Senegal, Liberia, Guinea, Sierra Leone and Congo. The company's head office is located at 17 Orphan Crescent, Labone, Accra, Ghana.
5. I have 30 years of experience working in Pre Cambrian terrains of West Africa primarily involved in exploration for and mining of gold. I have been involved with several resource estimations on shear hosted gold mineralized systems in Birimian aged rocks throughout West Africa since 1980.
6. I have read the definition of "Expert and Specialist" as set out in the CIM Standards and certify that by reason of my education, affiliation with a professional association and past relevant work experience, I fulfill the requirements to be a "Qualified Person" for the purposes of this report.
7. I have visited the Apapam Mining Lease in August 2012.
8. I am a co-author of this Report.
9. I have no personal knowledge, as of the date of this Certificate, of any material fact or change, which is not reflected in this Report, the omission to disclose that would make this Report misleading.
10. Neither I, nor any affiliated entity of mine, is at present, or under an agreement, arrangement or understanding expects to become, an insider, associate, affiliated entity or employee of Xtra-Gold Resources Corp., and/or any associated or affiliated entities.
11. Neither I, nor any affiliated persons or entity of mine, own, directly or indirectly, nor expect to receive, any interest in the properties or securities of Xtra-Gold Resources Corp., or any associated or affiliated companies.
12. I consent to the filing of this Report with the relevant securities commission, stock exchange and other regulatory authorities as may be demanded, including general publication in hardcopy and electronic formats to shareholders and to the public.

Accra, Ghana
October 31, 2012

Joe Amanor, MSc, Geology AusIMM
Geological Consultant

CERTIFICATE of QUALIFICATION

To accompany the report entitled
INDEPENDENT TECHNICAL REPORT,
For Xtra-Gold Resources Corp. dated October 31st, 2012

I, **Simon Edward Meadows Smith,** do herby certify that:

1. I reside at 7 Orchard Gardens, Cantonments, Accra, Ghana, West Africa.
2. I graduated from Nottingham University, England in 1988 with a BSc Degree in Geology. I have continually practiced my profession since that time.
3. I am a member of the Institute of Materials, Minerals and Mining (IOM3) with Membership number 49627.
4. I am the Managing Director of SEMS Exploration Services Ltd., which is a West African based firm of consulting Geologists and Surveyors with contracts and work experience in Mali, Ghana, Burkina Faso, Cote d'Ivoire, Senegal, Liberia, Guinea, Sierra Leone and Congo. The company's head office is located at 17 Orphan Crescent, Labone, Accra, Ghana.
5. I have 20 years of experience working in Pre Cambrian terrains of West Africa and Western Australia primarily involved in exploration for gold. I have been involved with several resource estimations on shear hosted gold mineralized systems in Birimian aged rocks in West Africa since 1995.
6. I have read the definition of "Expert and Specialist" as set out in the CIM Standards and certify that by reason of my education, affiliation with a professional association and past relevant work experience, I fulfill the requirements to be a "Qualified Person" for the purposes of this report.
7. I am a co-author of this Report.
8. I have no personal knowledge, as of the date of this Certificate, of any material fact or change, which is not reflected in this Report, the omission to disclose that would make this Report misleading.
9. Neither I, nor any affiliated entity of mine, is at present, or under an agreement, arrangement or understanding expects to become, an insider, associate, affiliated entity or employee of Xtra-Gold Resources Corp., and/or any associated or affiliated entities.
10. Neither I, nor any affiliated persons or entity of mine, own, directly or indirectly, nor expect to receive, any interest in the properties or securities of Xtra-Gold Resources Corp., or any associated or affiliated companies.
11. I consent to the filing of this Report with the relevant securities commission, stock exchange and other regulatory authorities as may be demanded, including general publication in hardcopy and electronic formats to shareholders and to the public.

Accra, Ghana
October 31, 2012

Simon E. Meadows Smith, BSc, Geology IOM3
Principal Geologist

CERTIFICATE of QUALIFICATION

To accompany the report entitled
INDEPENDENT TECHNICAL REPORT,
For Xtra-Gold Resources Corp. dated October 31st, 2012

I, **David Russell Byrne,** do herby certify that:

1. I reside at Appartement B31, Residence Valérie, Rue J60, Vallon, Deux Plateaux, Cocody, Abidjan, Cote d'Ivoire.
2. I graduated from The University of Melbourne, Australia in 1984 with a BSc (Hons) Degree in Geology and from The University of Western Australia in 2000 with a PhD Degree in Geology.
3. I am a member of the Australian Institute of Geoscientists (AIG) with Membership number 1437, and have been a member for more than 20 years.
4. I am consulting geologist with SEMS Exploration Services Ltd., which is a West African based firm of consulting Geologists and Surveyors with contracts and work experience in Mali, Ghana, Burkina Faso, Cote d'Ivoire, Senegal, Liberia, Guinea, Sierra Leone and Congo. The company's head office is located at 17 Orphan Crescent, Labone, Accra, Ghana.
5. I have more than 20 years of experience working in various terrains in West Africa, Western Australia, Victoria, New South Wales, Tasmania, Queensland, Zimbabwe, Ukraine, Canada, USA and Mexico, primarily involved in exploration for gol d and base metals.
6. I have read the definition of "Expert and Specialist" as set out in the CIM Standards and certify that by reason of my education, affiliation with a professional association and past relevant work experience, I fulfill the requirements to be an "Qualified Person" for the purposes of this report.
7. I have visited the Apapam Mining Lease in August, 2012.
8. I am a co-author of this Report.
9. I have no personal knowledge, as of the date of this Certificate, of any material fact or change, which is not reflected in this Report, the omission to disclose that would make this Report misleading.
10. Neither I, nor any affiliated entity of mine, is at present, or under an agreement, arrangement or understanding expects to become, an insider, associate, affiliated entity or employee of Xtra-Gold Resources Corp. and/or any associated or affiliated entities.
11. Neither I, nor any affiliated persons or entity of mine, own, directly or indirectly, nor expect to receive, any interest in the properties or securities of Xtra-Gold Resources Corp., or any associated or affiliated companies.
12. I consent to the filing of this Report with the relevant securities commission, stock exchange and other regulatory authorities as may be demanded, including general publication in hardcopy and electronic formats to shareholders and to the public.

DRByrne

Abidjan, Cote d'Ivoire
October 31, 2012

David Russell Byrne, PhD, BSc, Grad Dip Ed (Sec) MAIG
Consulting Geologist