



The Anchor

The Newsletter of the Birmingham Assay Office

Spring 2006

The Largest Assay Office in the World... ..and it's in Birmingham!

The Birmingham Assay Office has recently launched its new corporate marketing identity which has met with admiration and the approval of its retail and manufacturing customers, industry experts, staff and members of the public alike.

Marion Wilson, Marketing Director, explained: "The Assay Office has been working to develop the contemporary design and feel of its new visual identity for many months. The Birmingham Assay Office is the largest Assay Office in the world and also offers a wide portfolio of additional services for the jewellery and gemstone industry. We are ambitious and looking forward to the future with enthusiasm and expectancy.

Our new image is an expression of our progressive outlook whilst at the same time reflecting our long history, heritage and world renowned expertise and experience".

The Birmingham Assay Office's history and tradition stems from its statutory work - hallmarking precious metals. In 2005 over 12 million individual items passed through its doors. It is also home to a wonderful collection of silverware which it frequently lends out upon request to museums and exhibitions.

Today the Birmingham Assay Office is still at the forefront of commercial and industrial change, just as it was when it was founded by Matthew Boulton in 1773.

The testing and analysis of precious metals has always been fundamental to the Assay Office business since its foundation over 230 years ago. The Metal Analysis Service provided by the Assay Office's own Laboratory is widely acknowledged for its expertise and for the extensive range of specialist testing procedures it carries out. As Technical Director, Dippal Manchanda heads up the Laboratory team. He has a Master's degree (MSc) in Inorganic Chemistry, is a Member of the Royal Society of Chemistry and is a Chartered Chemist and Chartered Scientist. He has spent his entire career in the field of precious metals. The considerable ongoing investment in its state of the art equipment and continuous professional development of its technical personnel will keep the Laboratory at the forefront of this industry for many years to come. The American Assay & Gemological Office - a subsidiary of the Birmingham Assay Office - submits an increasing number of precious metal samples to Birmingham for analysis.

As part of its strategic growth plans, The Birmingham Assay Office has continued to invest heavily in its SafeGuard® Jewellery Valuation brand. Under the expert eye of Jim Potts, SafeGuard's Senior Valuer, the whole team of valuers and administrators undergo rigorous and continuing professional training. SafeGuard - the UK's leading Jewellery Valuation Service - is available from over 1,000 High Street retailers throughout the country. SafeGuard's team of highly qualified professional valuers produce totally independent jewellery valuations.

Carla Goodfellow, Operations Manager, oversees the development of both SafeGuard and AnchorCert operations. AnchorCert® Diamond Certification, another expert service available from the Birmingham Assay Office, is the ONLY independent Diamond Certification service in the UK which can identify synthetic and HPHT treated diamonds. AnchorCert is located in Birmingham and in the heart of the London jewellery industry in Hatton Garden.

AnchorCert has recently launched its new Full Certificate "Diamond Report" including the Cut Grade.

It also provides reports to confirm the authenticity of coloured stones and pearls and is the only facility in the UK to offer laser inscription of diamonds.

The AnchorCert Director, Eric Emms, is based in London and through his many years of work at the London Precious Stone Laboratory and the Gem Testing Laboratory as well as lecturing in precious Gem Courses his reputation in the gem and jewellery industry is world renowned. His experience in Diamond Grading is unrivalled and during his career he has been privileged to examine some of the most famous and historic diamonds, natural pearls and coloured stones in the world.

A final word from the Assay Master - Michael Allchin; "Our commitment to consumer protection and our pride in our integrity, independence and expertise is as strong today as it was over 230 years ago. In an ever changing manufacturing and retail environment we continue to champion quality standards to protect both the consumer and the jewellery trade and offer our customers an increasing range of value added core services".

THE BIRMINGHAM ASSAY OFFICE OFFERS STATE-OF-THE-ART, ADDED VALUE SERVICES, PROVIDED BY HIGHLY QUALIFIED, INDEPENDENT EXPERTS.

HALLMARKING	Gold, Silver, Platinum. Over 12 million items per year.
TECHNICAL SERVICES	Metal analysis, nickel testing, plating thickness, white gold analysis, tarnishing testing, packaging tests, bullion certification.
ANCHORCERT®	The only UK Diamond Certification service that can identify HPHT treated diamonds and synthetics.
SAFE GUARD®	The UK's leading jewellery valuation & recovery service.

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The new AnchorCert full certificate has had a very positive response from the jewellery and gemstone trade since its launch at Spring Fair. Small, neat, smart and customer friendly the report includes full information about the diamond and plotted facet diagrams. As with all AnchorCert services, every diamond is subjected to a screening process to identify synthetic and HPHT treated diamonds to ensure that the stone is natural and all reports are completed within five working days.

For modern round brilliants the Full AnchorCert report also includes a cut grade and a schematic diagram showing measurements and proportions.

Why grade the Cut?

The cut grade for modern round brilliant diamonds was introduced by GIA in January and offers another important classification in the assessment of stones. Grades range from 'Excellent' to 'Poor' and the classification indicates the overall cut quality. It is a relevant measure in determining quality because, like

colour and clarity, the cut has a major impact on how visually pleasing the diamond is.

Cut and proportion are directly linked to the appearance of a diamond and are an indication of how well light is returned to an observer's eye. In order to establish the Cut grade the proportions of a diamond are analysed. Total depth, table size, crown angle, pavilion angle, star facet length, lower girdle facet length, girdle thickness and culet size are all measured and assessed.

New AnchorCert Diamond Report

Other related factors are also taken into account:

- Brightness
- Fire (Technically known as dispersion, this is the degree to which white light is broken into rainbow flashes and colours)
- Scintillation (sparkle)
- Weight Ratio (very shallow or thick and heavy cuts affect proportion)
- Durability (eg, an extremely thin girdle is more prone to damage thus affecting durability.)
- Polish and Symmetry

The AnchorCert team are very upbeat about the new full report. General Manager for AnchorCert and SafeGuard, Carla Goodfellow, says "We are all really pleased with the look of the new report and we have had some great feedback from our customers. They like the smaller format and retailers are finding it much easier to sell to their customers because the presentation of the information is very clear and straightforward and therefore easy to understand."

New Reporting Policy for Set Stones

In addition to the new report, the AnchorCert Mini report remains very popular, particularly for set stones. Many multi stone items are assessed in AnchorCert's Birmingham and London offices and in response to feedback from customers the way that these grades are reported has recently been revised.

Clarity grades on all mounted jewellery whether single stones or multi-stone diamond jewellery, will now be reported as VVS, VS, SI, I1, I2, or I3 as appropriate (AnchorCert will not assess a mounted stone as FL or IF).

Previously a multi stone mini report would have shown the minimum clarity and colour, ie the lowest of each grade. Now the full range of grades are reported so for example a ring with three diamonds, which if looked at loose would be graded as say G SI2 H SI2 and H VS2 will have an AnchorCert Mini Report stating Colour G - H and Clarity VS - SI.

This new reporting procedure gives a clear representation of the quality of diamonds which the piece contains and has been very well received.

For further information please contact us on:
Tel: 0121 262 1007 Email: gem@theassayoffice.co.uk



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Lead reminder all too clear

If the jewellery industry needed any reminder of the dangers of lead it came all too loud and clear with the tragic case of the four year old American who died of lead poisoning in February. The cause was a Reebok charm bracelet which came free with a pair of trainers but cost the child his life when he swallowed a link. Tests revealed the link to have 99% lead content. One single link from the bracelet which had lodged in his stomach was enough to kill the little boy.

The danger of lead has been known for many years and cases like this highlight how diligent the jewellery industry needs to be. Between 40 and 50 cases of lead poisoning are still reported every year in the UK and symptoms include brain damage, and injury to the central nervous system.

Legislation such as the Consumer Protection Act 1987 and the General Product Safety Regulations 2005 restricts the sale of items which are unsafe and clearly places the liability on the supplier. There is no stipulated limit for the lead content of jewellery,

but the Toy Safety Regulations require that exposure should not exceed 0.7 micrograms a day, even if an item is swallowed.

Lead content tests are relatively quick and inexpensive to carry out. If a supplier at any point in the supply chain has any doubts as to the safety of their product with regard to lead, the Assay Office can carry out all necessary testing to ensure that the product is safe.

Many American customers are submitting samples for lead testing since a Californian jeweller was prosecuted in 2004 for selling jewellery with dangerously high lead content. There are now proposals to introduce "Proposition 65", the Californian legislation which regulates lead content, into a further 16 States.



Other Hazardous Substances

Concern about exposure to other hazardous substances is also growing. New EU regulations enforceable from July are targeted specifically at electrical and electronic equipment.

1. All parts of a watch excluding the battery but including straps, lens, etc have to comply with the RoHS directive.

2. All batteries are outside the scope of RoHS but will be covered by the upcoming Battery directive.

The Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS) Directive in the European Union (EU), in conjunction with Waste Electrical and Electronic Equipment (WEEE) legislation, aims to protect human health and the environment by restricting the use of certain hazardous substances in new electronic and electrical equipment.

RoHS is intended to affect manufacturers, sellers, distributors and recyclers of electrical and electronic equipment containing lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBBs) or polybrominated diphenyl ethers (PBDEs), and will encompass materials both manufactured and imported into the EU.

The Assay Office can test products for many of these substances, in line with the new regulations, offering importers and retailers peace of mind that their products comply with the new regulations. For more information about the new regulations visit www.rohs.gov.uk.

For all your Testing requirements please contact the Technical Services Department at the Birmingham Assay Office on Tel: 0121 262 1036 Email: lab@theassayoffice.co.uk.

Boulton Bicentenary 2009

Plans are already under-way for events to mark the bicentenary of the death of Matthew Boulton in 2009. In partnership with Birmingham Museum and Art Gallery, the Community Museums, and Thinktank at Millennium Point, the Assay Office will be taking part in the celebrations to honour our founder.

The aim of the project is to highlight Boulton's achievements, and to celebrate his role as an innovator, visionary, industrialist and intellectual and as a key figure in the history of Birmingham, the Industrial Revolution, and, of course, the Assay Office. Most people know of Boulton's work with James Watt, but the project will also take in his involvement with the Lunar Society, his production of ormolu and silver, and his success in establishing the Assay Office by an Act of Parliament in 1773.

As part of a programme of events that will take place throughout the City, you will be able to see items from our collections at Birmingham Museum and Art Gallery, Soho House Museum, and the Museum of the Jewellery Quarter. There will also be special guided tours of the collections, talks on Boulton by our Librarian/Curator, Dr. Sally Baggott and other events held at the Assay Office's historic premises on Newhall Street.

Sally says "Because Boulton is such a fascinating figure, I am full of enthusiasm for this project. We are very proud to claim him as our founder, and, of course, a significant part of Boulton's story is the story of the Assay Office. It will be a pleasure to use the opportunity of 2009 to increase awareness about his life and his work."



From the Assay Office collection, this epergne-candelabrum was made at Matthew Boulton's Soho manufactory and marked in Birmingham. The epergne or centrepiece was popular in the eighteenth and early nineteenth centuries as decoration to grand tables, with the dishes often used to hold fruit, flowers or petit-fours.

The insert **1** shows a detail of the elaborate ornament. This spectacular item is made of silver, Sheffield plate and cut glass, and it was acquired by the Office in 1923 from Carrington and Co. Ltd of London at a cost of £48/10/-. Our catalogue contains a note stating that it was in use in the Wardens' Dining Room from January 3rd to March 1939 whilst the epergne that usually graced their table was exhibited at the British Industries Fair.

Marked in 1806, the piece dates to just 3 years before Boulton's death.

Our New York Office White metal still setting the trends in USA

Dippal Manchanda, Technical Director for Birmingham Assay Office, and Donna Delucia, Director of Sales American Assay & Gemological Office, attended the MJSA Show in New York and reported back on a continuing focus on white metals.

Dippal reported the mood of the Show as being "busy and upbeat" and said "all our customers want to talk about is palladium and other platinum group metals". An influx of palladium jewellery onto the

American market from a variety of sources is causing a lot of interest as manufacturers and jewellers seek to establish its credibility for the consumer. White metal continues to be very strong with platinum, white gold and silver dominating the market. In this climate it is no surprise that the White Gold colour measurement service and the unique tests to determine susceptibility to tarnishing services, which were developed by Dippal and the Technical Services Department in Birmingham, continue to attract significant interest from our American customers.

Latest trends - Palladium

A new business opportunity has arrived in the UK - palladium jewellery. Palladium is a platinum group metal which is white, light, workable and cheap. 22 tonnes of palladium jewellery were made in China last year alone.

The white metal look has been popular for many years. Its contemporary feel has been exploited by designers and trend setters, and now every jeweller is offering something in platinum, white gold and silver.

Despite their popularity, none of the current three white precious metal options is ideal.

Silver does not have the intrinsic value or status to be used for significant items such as a diamond engagement ring. The tendency to tarnish also detracts from the popularity of silver.

White gold is very popular but has become a more expensive alloy since the Nickel Directive restricted the use of its cheapest bleaching ingredient. Many white gold alloys require rhodium plating to give them the premium white look the customer likes, and this can lead to major dissatisfaction when the plating inevitably wears off.

Platinum has no problems with regard to tarnishing or plating but its price and density make it an extremely expensive material to work with and platinum jewellery sales will always be restricted to the top end of the market.

Not so palladium; the sister of platinum within the platinum group of metals. Palladium is as white as platinum and equally unsusceptible to tarnishing. It also has the benefits of being malleable, heat treatable and durable, and can be polished to a high finish without plating. Its properties make it perfect for making jewellery.

But the biggest benefit of palladium is not its look but its density and price. It weighs just 53% as much as the same size piece of platinum jewellery. Add to this the price differential; palladium is approximately only 20% of the price of platinum at present, and it means that an article containing 12 grams of 950 platinum costing £210 could be replaced by a visually identical article made from 6.4 grams of 950 palladium at a cost of only £22. This compares with 9.4 grams of 18ct white gold at £70 and 6 grams of silver at less than £5.

The surprise is therefore not that so much palladium jewellery was made in China last year, but that it has taken so long for the jewellery industry to discover this perfect metal which has been used in watches for decades.

But the advent of palladium does bring the need for control. Visual inspection alone will not determine whether an item is platinum or palladium or any kind of precious metal at all. Given the huge price differential it is essential that both jewellers and consumers know what they are buying.

There are already recognised fineness standards for palladium, the most common being 950. A mark already exists in Switzerland but to date there is no legal hallmark in the UK for palladium. Palladium jewellery is already being stocked by UK jewellers and there is an increasing need to ensure that everyone is competing on a level playing field. The Assay Offices of Great Britain are progressing the development of an accepted mark in response to the demand from traders and consumers to ensure that this trendy "new" metal retains its credibility, its high status as a platinum group metal, and its saleability.

Road trip ...to the North West!

The Independent, Expert, Registered Valuer – Georgina Deer FGA DGA PJ.VAL.DIP – talks to *The Anchor* about her work for SafeGuard in the North West of England.

The Birmingham Assay Office has been providing SafeGuard Jewellery Valuation services for over six years. The SafeGuard Company pioneered the provision of Jewellery Valuation services to retailers throughout the UK. A growing team of independent, expert, registered valuers are the face of the company and they travel the length and breadth of the country throughout the year, working with large retail multiples, small to medium groups through to independent retailers and individual jewellers. Behind the scenes they are supported by an equally expanding professional team of operational and administrative personnel based in Birmingham.

Georgina Deer has been working for SafeGuard since 2004. She underwent a very thorough training period at SafeGuard under the guidance of expert valuer, Jim Potts. She covers the North West area of England, from Leeds to Birkenhead and all points in between. Georgina herself has a solid retail jewellery



Georgina receiving jewellery tray with items to be valued

environments and the varied staff and customers she encounters not to mention the multiplicity of items that she is asked to value on a daily basis.

Georgina says "Having worked as a retailer myself for many years and for other valuation companies as an independent valuer, I do believe that the SafeGuard method of training which is extremely rigorous makes us some of the most highly skilled valuers in the country.

It is at least a seven year apprenticeship to gain registered Valuer qualifications but your education is never complete. By coming into contact with jewellery every working day you are honing and expanding your knowledge and valuation experience. I can value anything from antique jewellery to contemporary items. Notable recent trends have seen an increase in imported jewellery and non-hallmarked items being bought in to be valued. The amount of white gold and platinum items is also increasing".

After Georgina had spent a busy morning working in Chester, *The Anchor* met up with her in Altrincham at the flag ship store of the renowned independent jewellery retail group David M Robinson.



Georgina explains the valuation process

background. Her father was a watchmaker who ran his own retail business and Georgina worked in the family shops from the age of 13, starting as a

Saturday Girl. She went on to study at Durham University and upon graduation she returned to work in the family business which she eventually took over upon her father's retirement. She also obtained the PJ.VAL. Diploma and as a Fellow of the NAG has been a registered valuer since 1987.

Georgina loves variety in her working day and the role of a SafeGuard valuer certainly provides her with plenty of that. She enjoys the diversity of working



Georgina takes height measurement of stone

Georgina arriving at David M Robinson in Altrincham. Georgina takes along with her equipment weighing over 25 kilos



Altrincham lies some eight miles south of Manchester and with a population of over 40,000, it still retains its distinctive sense of being predominantly a market town.

David M. Robinson has 6 stores across the North West and has been crafting exclusive jewellery since 1968. Creating exclusive collections of diamond jewellery has become their trademark and David M Robinson himself has been twice winner of the De Beers

Diamonds International Award – the top award of the diamond jewellery design industry. David M Robinson Jewellers has two main divisions; the David M Robinson Yellow Box Collection of exclusive diamond jewellery which features the Dreamcatcher, Honeycomb and Cloud Nine ranges and the watch division which includes, Rolex, Patek Philippe, Cartier, Chopard, Breitling and Tag Heuer to name but a few. The Group sees its success in the premium end of the UK retail jewellery sector as the product of many things; a caring business ethos, unceasing commitment to customer care and unquestionable professional integrity.



Georgina tests diamond to verify it is natural

David M Robinson has recently elected to start promoting its own SafeGuard Valuation Days throughout the Group. Georgina has been providing the group with added value jewellery valuation services for some time and they are now looking to promote a combined SafeGuard Jewellery Valuation and Design Day in conjunction with their own in-house bespoke jewellery designer.

Wendy Song – Operations Manager at David M Robinson explained that the Group recognised the potential to offer additional services to their customer base by expanding the provision of SafeGuard Valuation services across all of its stores.

Georgina concluded that "The beauty of a SafeGuard Valuation Day is that it provides additional income to the retailer and at the same time provides a valuable additional service to the consumer. SafeGuard Valuers are able to give expert, independent advice to the customer as well as promote other services that the retailer provides, such as repairs, insurance and credit facilities".

For further information on all SafeGuard Valuation services please contact: Tel: 0121 262 1024.



Georgina measures width of watch



Georgina measures width of the stone

SAFE GUARD® 
THE HALLMARK OF SECURITY

When Terry met Gilly

(starring Birmingham Assay Office's equivalent of Billy Crystal and Meg Ryan)

It was love at first sight for Terry Billington, but not for Gill Perry. Gill used to be a keen roller skater, so Terry took up roller-skating just to be with her. However, Gill was not too sure about having a new relationship as she was already in a relationship with someone else at that time, but, Terry said, it was inevitable that she would eventually succumb to his charms.

Their courtship years did not always run smoothly, so the story goes. The first ring Gill received from Terry was an Eternity ring from H. Samuel. When they left the shop, Terry went to the right and Gill to the left; they had fallen out whilst in the shop. The second ring was an Engagement ring, once again from the same H. Samuel's. When they left the shop, Terry went to the right and Gill to the left; they had fallen out yet again whilst in the shop. However after all the trials and tribulations of courtship they finally tied the knot on 2nd March 1968 at All Saints Church, Hockley, Birmingham. 38 years later they are still happily married to one another and are going to retire together. Gill after 40 years' broken service and Terry after 46 years' service. Terry is looking for an allotment and is determined to get himself fit again to play football. He says Birmingham City may need his services as a striker. Gill is going back to keep fit at LA Fitness Club, with the intention of becoming the next Pamela Anderson. Both want to spend more time with the family and with their baby 'Tara'. (The dog).



Terry started as a young lad in the delivery department delivering parcels of customers' work on a push-bike. He moved onto marking a year later passing his push-bike on to Ron Hodgetts, who had just joined the Assay Office. He progressed through the grades and ranks to become leading hand. Terry became Foreman of the Hallmarking Department where he again attended numerous management courses. He became a member of the Management Institute after a three-year extensive course and on passing the required exams. He finally he moved into the post of Training & Administration in 2000. Terry has always been a keen sportsman, playing football, cricket and table tennis. He is also a staunch Birmingham City Supporter. Terry is also a keen thespian and always took part in the Charity Assay Office Pantomimes and Talent Competitions!

Gill started work in 1966 as a press marker at the age of 17 years. She was at that time a very shy and quiet girl. (How things have changed!). She progressed through the grades and ranks to become a Training Officer for the Foreign Department. Gill became a leading hand and then supervisor. She attended numerous training courses and was then offered the job as departmental manager of the Hallmarking Department during 2003. Gill is a keen keep fit fanatic and is a member of LA Fitness Club.

New appointments



Marie Chalmers, FGA DGA

The Birmingham Assay Office has recently appointed Marie Chalmers as Account Manager for SafeGuard Valuations and AnchorCert Diamond Certification. Marie joins from the Signet Group where she was a diamond

buyer in their Birmingham office and previously worked for Backes and Strauss, selling diamonds and coloured stones.

In her new role Marie will be travelling the country, visiting customers to gain feedback on our services and to provide information and training wherever she can. Supported by the Marketing team in Birmingham, Marie's objective is to help our retail partners sell more valuations and more certificated diamonds and to be sure they gain maximum commercial benefit from the services we offer.

Tim Smith joined the Assay Office last year as Account Manager for analytical services.



Tim Smith

Having worked in precious metals for most of his career, including Engelhard-CLAL and AMI Doduco. Tim has a wide knowledge of the industry and understands its demands. His role is to make more people aware of the full

extent and scope of the many services offered by the Assay Office, and gain feedback to ensure that the analytical services delivered by Birmingham Assay Office match the needs of its customers. Precious metal analysis, nickel testing, white gold colour measurement, testing for susceptibility to tarnishing and other product performance tests are all available. Many procedures are accredited to ISO17025, all are delivered to a high level of accuracy in a fast turnaround time and Tim can confidently recommend appropriate services to customers.

Marie's New Baby



Our Business Relations Manager, Marie Brennan, gave birth in January 2006 to a baby boy, James Farrell, who weighed 9lb 7oz.

Marie has been married to Bill for 12 years and they have a daughter Ellie. Mother and son are doing well and Marie will be rejoining the Office shortly.

One for Tracy, too

Tracy Lock, (now Mrs Wilson) a prominent member of our tool team gave birth on 12th November to Thomas - 6lb 5oz. Tracy has been married to Mark for 5 years. We wish them all well.



Lord And Lady Mayoress view rediscovered historic records during visit to the Birmingham Assay Office

When Birmingham's Lord Mayor, Councillor John Hood, and the Lady Mayoress visited the city's Assay Office on 30th March 2006 they were able to view a part of the Assay Office's history which had been "lost" for over 30 years.

During recent maintenance work at the Birmingham Assay Office, some significant records relating to the early history of the Office had been uncovered. Ian Hodges, the Engineering and Facilities Manager and his team discovered the original Plate Register, dating from 1773, the year the Office was founded, along with another five sets of records dating from 1773-1855.

The Plate Register from 1773 details all the 'Plate and Silver Wares Assayed and Marked or broke at the Birmingham Assay Office from August 31st 1773', and the first entry on that date comprises a list of the items from Matthew Boulton and John Fothergill. Amongst items totalling some 38 troy ounces in weight, Boulton and Fothergill submitted 24 bottle stands, 36 buckle rims, 14 spoons and 1 pair of butter boats to be tested and marked.



Lord and Lady Mayoress of Birmingham view Plate Register accompanied by Chairman of the Wardens of the Birmingham Assay Office Mr Roger Burman, CBE.



Hallmarking numbers still weak in First Quarter 2006

"The Hallmarking numbers for the first quarter of 2006 are well down on 2005.

Overall gold is down by 11.8% and silver down by

9.4%. Only 950 platinum at +4.5% and 18ct (750) gold at -3.3% show any kind of reasonable performance in what is acknowledged to be a tough

marketplace. Retailers appear to be continuing to reduce stocks while endeavouring to speed up the supply chain".

Number of articles

GOLD							SILVER					PLATINUM				
375 9 carat	585 14 carat	750 18 carat	916 22 carat	990	999	TOTAL	800	925 Sterling	958 Britannia	999	TOTAL	850	900	950	999	TOTAL
2,972,689	40,205	419,653	102,303	7	74	3,534,995	734	1,638,175	850	921	1,640,680	10	122	85,295	15	85,442
-11.1%	-23.1%	-3.3%	-42.3%	0%	-79.0%	-11.8%	18.6%	-9.2%	-75.3%	-41.4%	-9.4%	-97.0%	-24.7%	4.6%	-83.1%	3.9%

Percentage figures show an increase (+) or decrease (-) compared to the corresponding period of the previous year.



"It's a beautiful ring. She'll definitely think for a moment before saying No to you!"