Module B. Colour from the Cosmos

Lesson 11 - Processed Diamonds

Grading Reports

Now that we have looked at the 4 Cs, let's look at a sample grading report that puts the four together. Grading reports are produced by a long list of gemological institutes and laboratories worldwide that grade stones and jewellery for assessment purposes. One of the larger institutes is California-based [Gemological Institute of America](http://www.gia.edu/), which has established offices around the globe.

**Required Reading**

Briefly read this [GIA Diamond Grading Report](https://connect.ubc.ca/bbcswebdav/pid-2559933-dt-content-rid-10494264_1/courses/SIS.UBC.EOSC.118.99C.2014WC.44220/Course_Files/moduleB/lesson09/download/GIA-Diamond-Grading-Report.pdf), which is a typical report produced to verify a stone's quality. Use this [Reading Guide](https://connect.ubc.ca/bbcswebdav/pid-2559933-dt-content-rid-10494264_1/courses/SIS.UBC.EOSC.118.99C.2014WC.44220/Course_Files/moduleB/lesson09/download/L11%20Diamond%20Grading%20Report%20Guide.pdf)to help you through.

In the grading report shown above, note how the main physical properties of the graded diamond are clustered together in sets, and how each diamond graded by the GIA receives a certificate number. This certificate number is engraved on the girdle of each diamond for identification purposes. The number is too small to be seen with the naked eye, but a 10X loupe will allow you to read the number to verify its identity.