

### **Taking Samples for SAGDesign™ Testing**

A minimum 15 kg sample is required for a SAGDesign Test. Test samples should generally be comprised of pieces between 20 and 100mm. (**Note:** the sample cannot be finer than 80% passing 20mm). Uncrushed samples of half cut diamond drill core are perfect for this program. For composite samples representing blended ores or long intersections, larger samples (i.e. up to 25kg) should be considered.

### **How to prepare samples for SAGDesign Testing from diamond drill core:**

- Determine intersection(s) and overall length to be sampled.
- Retrieve and set out respective drill core boxes.
- Get an appropriate container to collect the sample(s). Plastic 20 litre pails are recommended as they are easy to ship.
- Using the core diameter and SG calculate the length of core required to give 15kg. Then considering the total ore intersection select an appropriate length per box to give 15kg. As noted above, pieces selected must not be shorter than 2cm. It is recommended that one piece per row is taken. For longer intersections, selecting 1 piece from every box may be more appropriate.
- Take the appropriate length of (split) core from the same place in each row of each box (Example: the end of the box) and place in the sample bucket. Drill core pieces can be broken with a hammer to get the length required.
- After all the core pieces have been taken from every drill core box, include an identification form inside on top of the sample and on the outside of the container. See downloadable example from the SAGDesign.com website.
- Ship to SAGDesign Testing lab selected for your project.