

## **COPPER OXIDE HEAP LEACHING TESTWORK & SCALE-UP SHORT COURSE OUTLINE**

- Identification and characterisation of potential ore types.
- Guidelines for analysis of drill samples.
- Guidelines for preparation of samples.
- Requirements for mineralogical analyses.
- Required head analyses.
- Required multi-element chemical analysis.
- Analysis of typical samples from potential process water sources.
- Outline procedure for bottle roll leach tests.
- Outline procedure for impurity build-up sequential leach tests.
- Outline procedure for open circuit mini-column leach tests.
- Outline procedure for closed circuit column tests with SX.
- Outline procedure for tall column close circuit tests with SX.
- Physical tests for crushing characteristics.
- Test data interpretation and scale-up.
- Development of process flowsheet.
- Development of input for preliminary economic evaluation.
- Identification and analysis of risks.