MINERALOGY IN PROCESS DESIGN

Integrated mineralogical analysis is vital for the characterization of bulk mineral assemblages, alteration characteristics, hosts for pay metals and understanding the particle size distribution of complex lateritic ores prior to hydrometallurgical testing. Study of the extremely fine-grained products of pressure leaching, including particle size, crystallinity and deportment and mineral chemistry allows for evaluation and refinement of the leaching process. Scaling of the pressure vessel is a serious problem that can result in expensive downtime or dangerous ruptures. Study of the composition, crystallinity and thickness of these scales provides clues to the processing problems and solutions.

CONTACT INFORMATION
Email us at minerals@sgs.com
www.sgs.com/mining