

Brad Hewitt and Pearson Murray: IRON CHEMISTRY IN PRESSURE HYDROMETALLURGY - ROLE OF THE AUTOCLAVE

The goal of this lecture is to describe the role the autoclave plays in high temperature and pressure processing of various ore types, by metal. Key iron chemistry in autoclave processes will be described. The benefits and detriments of iron in these processes will be described. Examples will be provided from Hatch's experience to demonstrate how autoclave features impact process chemistry or have evolved to address process issues that have been encountered. Mechanical features of autoclave design required to support the processes will also be discussed.