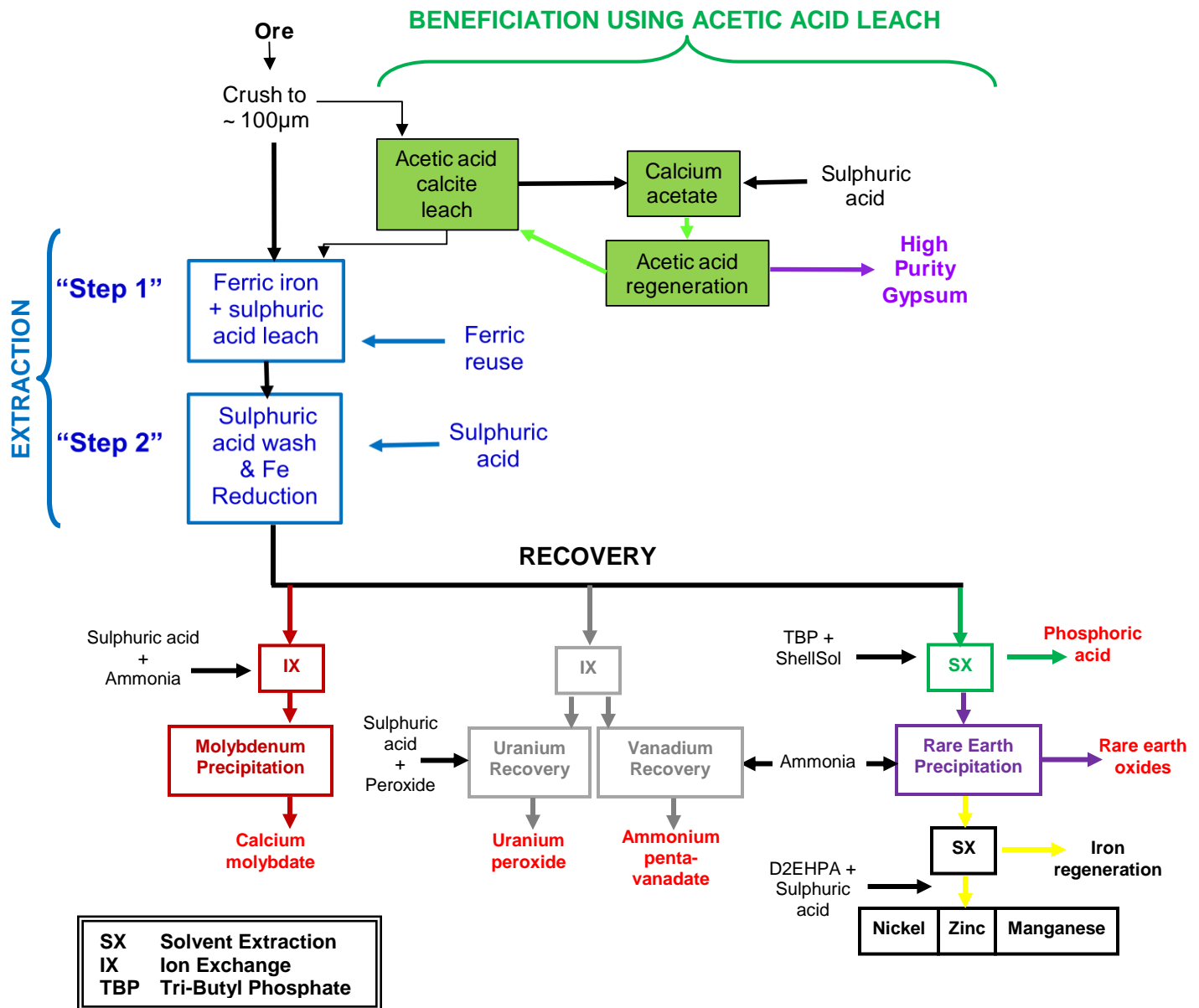


Figure 1 – Conceptual Flow Sheet of the Metallurgical Process for the Berlin Project



A flow sheet developed from extensive metallurgical test work on intercepts from 35% of all bore holes drilled in the initial Berlin resource shows details of the three principal components of ore processing: (1) beneficiation using acetic acid to remove calcite and concentrate the valuable commodities into as small a mass as possible (green boxes); (2) extraction of the metals and phosphate into a pregnant solution using an acidic ferric leach (blue outlined boxes); and (3) recovery of the individual metals and phosphate by ion exchange, solvent extraction and direct precipitation.