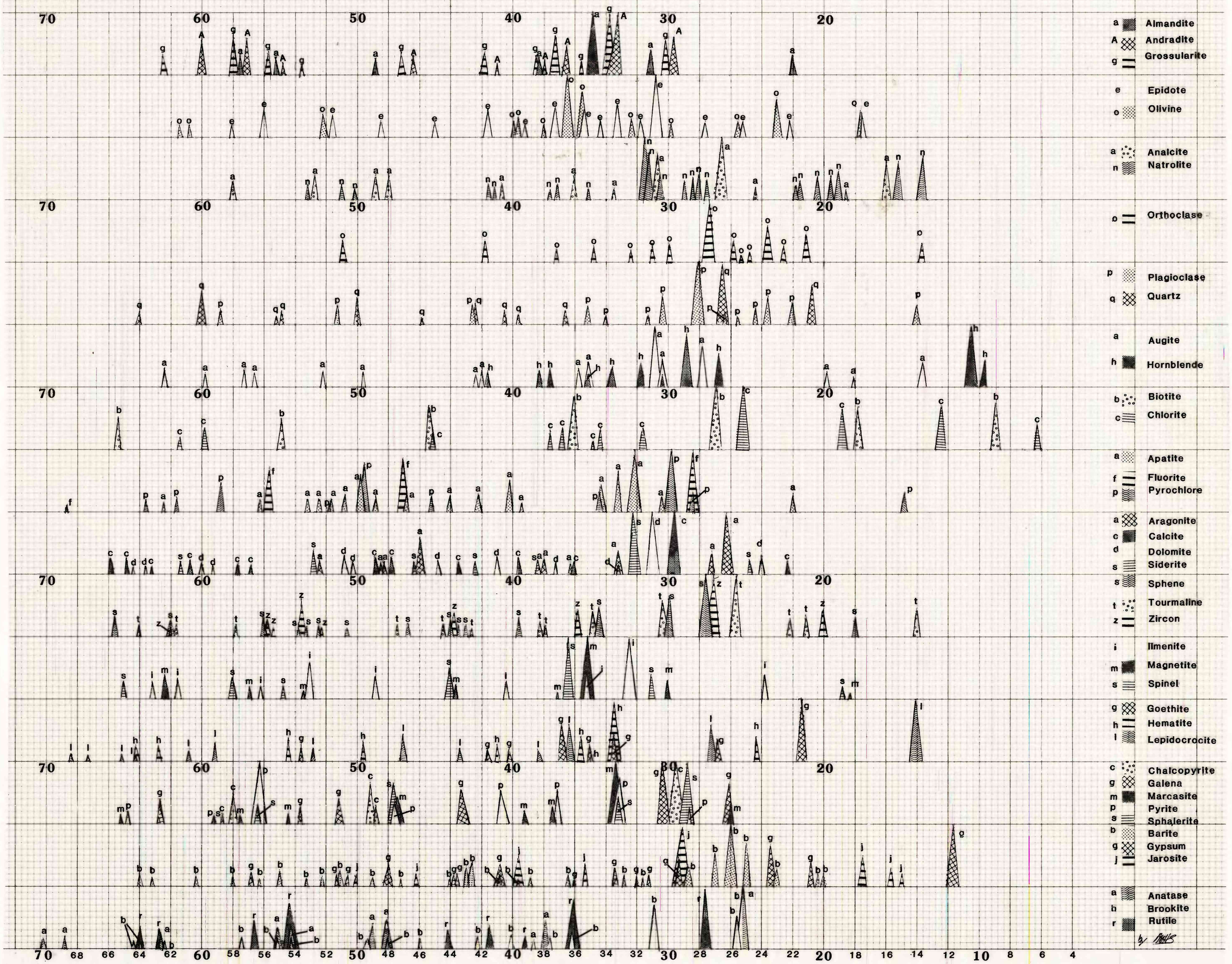Figure 3 Principal X-ray diffraction peaks of 42 minerals commonly associated with uranium, thorium, or rare-earth deposits