



Figure 14. Several trace elements in this data set correlate well with ash, indicating possible detrital origins. This is common for chromium, and could indicate silicate or clay mineral provenance versus solid solution in pyrite. The high correlation of gallium and rare earth-associated elements with ash may be due to detrital origins. The high correlation of ash with rubidium may be atypical of the latter's usual occurrence as a salt. As with sulfide associations, lead shows no distinct trend with ash.