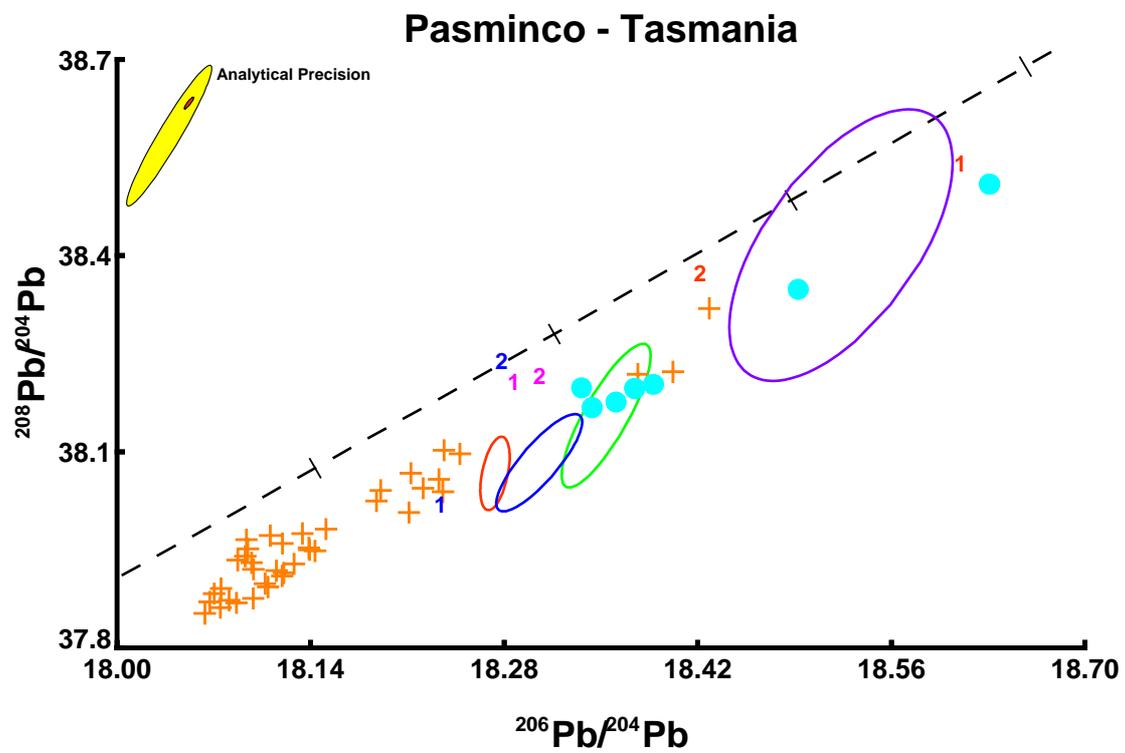


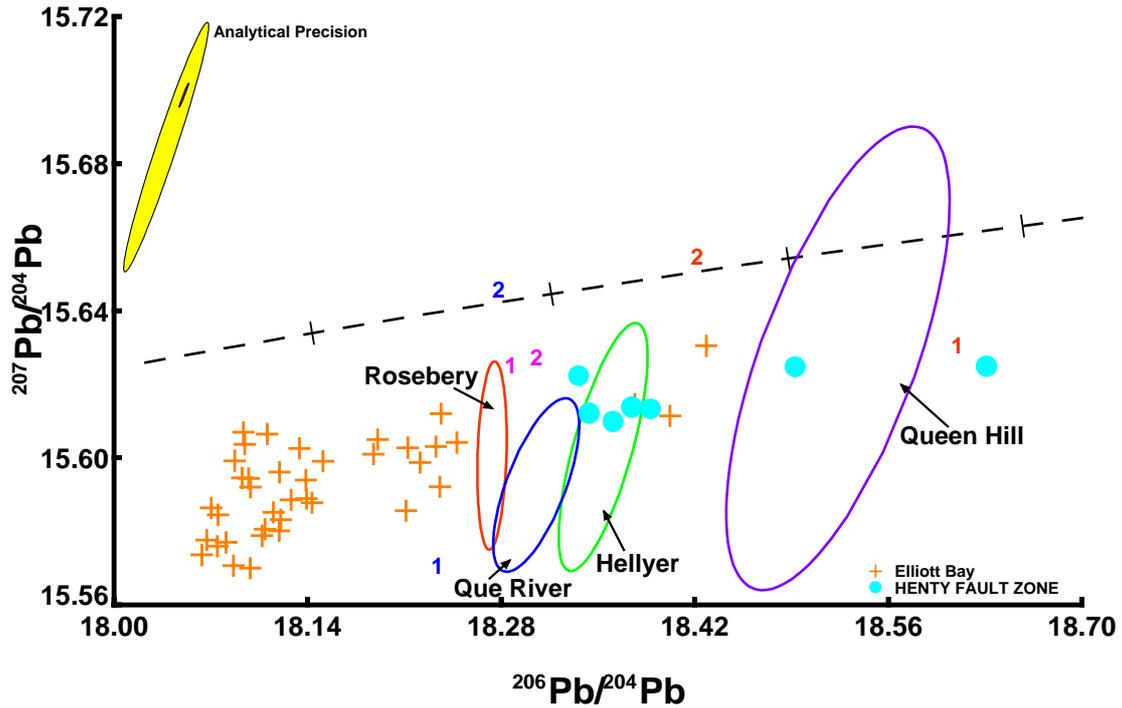
7th March 2001

Andrew

Here are the results for the Pb isotope analysis of your samples from the Dora-Spicer area.

Plot No	Sample No	²⁰⁶ Pb/ ²⁰⁴ Pb	²⁰⁷ Pb/ ²⁰⁴ Pb	²⁰⁸ Pb/ ²⁰⁴ Pb	Quality High=0 Low=9	Desc
1	331904	18.234	15.571	38.019	2	Gn vn in Chl-qz alt. Volcanic
2	331942	18.278	15.646	38.238	2	Gn separate of vn in Chl-qz alt.volcanic





Dora Spicer

The mineralisation was reported as being hosted in Cu (Au-rich) veins and disseminated in a linear chlorite and silica rich (\pm magnetite) alteration zone. We have no Pb isotope data from this area to directly compare the Pb isotope composition of the samples. However it would appear that the mineralisation is Cambrian in age and lies broadly within the field defined by the Elliot Bay mineralisation associated with Cambrian granites.

The variation in $^{207}\text{Pb}/^{204}\text{Pb}$ is most likely due to fractionation during the analysis, although there is marked variation in $^{207}\text{Pb}/^{204}\text{Pb}$ for the Elliot Bay signature, suggesting fractionation may not be the sole cause for this.

Regards

Geoff