Intelligent sampling of layered deposits, like stalagmites

Two styles of sampling, with the better on the right:

- **Samples that mix layers and may be diachronous because they cross a hiatus.**
- **Sampling with attention to layer boundaries.**

Mindless rote sampling to yield evenly spaced samples.

This approach requires thinking ahead, to plan sample spacing to meet layer boundaries, and it requires sample-by-sample (not click-and-drag) assignment of indexing positions of samples – but it yields meaningful data.

Note sharp punctuation and greater range of data.