

Comments to the editor:

Dear Dr. Sandells,

Thanks for noticing, there are indeed some mistakes regarding the mineral distribution. Due to the small number of changes, we do not provide an updated track-changes file right now, but could do so if needed. We address the changes as follows:

Hematite (in Figure 5 S2 and S8-11) vs line 248 'Minerals such as hematite were only found in the samples below 900m' vs line 340 'Rare minerals, such as hematite, anatase and titanite were found independent of depths'

We changed this to: (l. 248) „Minerals, such as epidote or jacobsite, were only found in the samples below 614 m.

(l. 340) 'Rare minerals, such as hematite, anatase and titanite were found independent of depths' is the correct statement in this case.

Rutile (in Figure 5 S2 and S5) vs line 341 'Other minerals e.g., rutile and epidote, were only found in shallow samples' vs line 377 'while rutile, titanite, epidote, and jacobsite have only been found in one sample'

The first statement is correct, Rutile was found in S2, S4, and S5; epidote in S4. The second sentence was thus changed to “Minerals, such as hematite and anastase, were only found in a few samples while epidote, prehnite, pyromorphite, and dolomite were only found in one sample.”

Please also correct typo on line 254 'one krohnkite micro-inclusion in S10': should be S9, and typo on line 321: 'gypusm' -> 'gypsum'

Corrected to „gypsum”.

Line 251: 'The majority of sulphates was found in the seven shallowest samples below a depth of 900 m': Should this be above a depth of 900m?

Indeed, we changed it to “above a depth of 900 m.”