

Dear Thomas,

Thank you for your message and for the opportunity to revise our manuscript.

We have addressed the remaining comments as follows:

Regarding Comment 2.2, the relevant references have been added at Lines 676 – 680 to support our statements about the specific geochemical signatures of orogenic Au, porphyry Cu, and VMS deposits.

For the remaining comments raised by Reviewer #2, the corresponding revisions have been incorporated into the manuscript: the response to Comment 2.11 is reflected at Lines 410 – 412; Comment 2.12 at Lines 361 – 365; Comment 2.13 at Lines 529 – 531; and Comment 2.15 at Lines 582 – 590.

We hope these revisions adequately address the reviewer's concerns. Please let us know if any further clarification is needed.

Best regards,

Zijing