

***Interactive comment on “Sparse 3D reflection seismic survey for deep-targeting iron-oxide deposits and their host rocks, Ludvika Mines-Sweden” by Alireza Malehmir et al.***

**Anonymous Referee #1**

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The manuscript shows the 3D seismic data acquisition for mining exploration in Sweden. Although, this survey is not a conventional 3D dataset similar to those acquired in Canada which would provide the opportunity to apply more advanced processing steps (e.g., DMO or PSTM), the authors were able to address the narrow azimuth nature of this survey and showed reasonable results.

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