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## **Hard Rock Seismic Imaging in metamorphic rocks**

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To optimize the exploitation of ore deposits it is necessary to know the exact geometry of the ore body, as well as the geometry of any barren rock. In the course of this project the principal applicability of high resolution 2D seismic reflection should be tested. For this purpose we have chosen a magnesite quarry where the geology is known from outcrops and deep mining. In the chosen test site we have a succession of magnesite, mylonite, and dolomite. The mylonite zone has an approximate thickness of 10 m.