Introduction

The presence of earth fissures is a concern because they are associated with past or active movement and could be a threat to infrastructure and public safety. The State of Arizona has made a reasonable effort to mitigate the impact of earth fissures, but this effort is ongoing and may not be complete. Earth fissures may exist in areas that were not previously mapped or identified, and new fissure activity may occur in the future. Therefore, it is important to continue monitoring and mapping earth fissures to ensure public safety and infrastructure protection.

In this report, we provide an overview of the earth fissure activity in the Picacho study area, including the locations and characteristics of the fissures. We also discuss the potential hazards associated with earth fissures and the importance of ongoing monitoring and mapping.

References

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- MAP: Orthophoto (1:2,400, 2003), USGS/ESRI: ArcGIS/ArcMap, Georeferenced to map projection, 100m grid cell, 1:12,000.
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