Earth Fissure Map of the Avra Valley Study Area:
Pima County, Arizona

December 2014
Arizona Geological Survey

Digital Map Series - Earth Fissure Map 27 (DM-EF-27)

Notice

The State of Arizona has made a reasonable effort to ensure the accuracy of this map when it was produced, but errors may be present and the state of Arizona does not guarantee its accuracy. The map supplements, and is not a substitute for, a professional inspection of property for defects and conditions.

Introduction

This is one of a series of earth fissure maps prepared by the Arizona Geological Survey (AZGS) in accordance with Ariz. Rev. Stat. § 27-152.01(B). AZGS collected location information from previously conducted earth fissure studies, reviewed available remote-sensing aerial and satellite imagery, and conducted surface site investigations throughout the study area. A reasonable effort was made to account for existing earth fissures and to identify new ones. Nonetheless, some fissures may remain unmapped as a result of one or more of the following:

1) Existing fissures may have been masked by construction or agricultural activities.

2) Incipient fissures may lack clear surface expression.

3) The surface expression of fissures changes constantly as new earth fissures develop and old earth fissures fill in. A blank area on the map does not guarantee earth fissures are not present. However, blank areas within the study area boundary have been investigated, and no surface evidence of fissures was found as of the date of map publication. Determining the presence or absence of a fissure at any specific site may require additional mapping and/or geotechnical analysis.

References


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