M A P  L E G E N D

Black lines represent the location of confirmed earth fissures manifested as open- or semi-open cracks that have produced surface damage. These lines are contoured to indicate the location and extent of earth fissures. Old black lines represent the location of confirmed earth fissures outlined in previous versions of this map.

Orange lines represent the location of discontinuous earth fissures manifested as elongated cracks or as abbreviated or irregular linear depressions. These lines are contoured to indicate the length and direction of earth fissures. Orange lines are not intended to represent the extent of active earth fissures, and may be generalized or out-of-date.

Green lines represent the approximate locations of unconfirmed earth fissures, defined as linear depressions or circular depressions that are not interpreted to represent earth fissures. These lines are contoured to indicate the location and extent of unconfirmed earth fissures. Green lines are not intended to represent the extent of active earth fissures, and may be generalized or out-of-date.

Blue lines represent the location of confirmed earth fissures identified in the field to determine if there was any evidence of earth fissures.

Brown lines represent the location of confirmed earth fissures identified in the field to determine if there was any evidence of earth fissures.

Gray lines represent the location of confirmed earth fissures identified in the field to determine if there was any evidence of earth fissures.

Red lines represent the location of confirmed earth fissures identified in the field to determine if there was any evidence of earth fissures.

Notice

The State of Arizona has made a reasonable effort to ensure the accuracy of this map when it was published. This map is issued as a public service and is not intended to be used for professional or legal purposes. Maps are not a substitute for, a professional inspection of property for defects and the conditions.

Introduction

This map is a series of earth fissure maps prepared by the Arizona Geological Survey (AZGS) in accordance with Ariz. Rev. Stat. § 27-152.01(1). AZGS collected location information from previously identified earth fissures, reviewed available remote-sensing aerial and satellite imagery, and conducted surface site investigations throughout the study area. A reasonable effort was made to identify all earth fissures in the study area. Nonetheless, some fissures may remain uncharted 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. Within the area on the map, earth fissures are not continuous. 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.

At press time comprised from 2015, 1 meter NAIP (National Agriculture Imagery Program) digital ortho imagery. 

Transportation network dataset compiled by Arizona State Lands Dept. by combining the 2007 County Road data of Yavapai, Pinal and Cochise Counties with the Census 1990 TigerLine data of the remaining Counties.

Map projection and 10,000-meter grid base: Universal Transverse Mercator, zone 12 North American Datum 1983 HARN.

References


NASP (National Aerial Survey Program) 2015, UDSA-FS-APFO Aerial Photography Field Office, Salt Lake City, Utah.

MAP LEGEND

Red lines represent the location of confirmed earth fissures manifested as open- or semi-open cracks that have produced surface damage. These lines are contoured to indicate the location and extent of earth fissures. Old red lines represent the location of confirmed earth fissures outlined in previous versions of this map.

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