This is one of a series of earth fissure maps prepared by the Arizona Geological Survey in accordance with ARS (2008) § 11-1112D. AGRS collected location information from several sources, including bathymetric and satellite imagery, and conducted surface site investigations through the study area. A reasonable effort was made to locate fissures and feature locations to ensure accuracy. Historic aerial photos were used to indicate the presence of fissures that may have undergone as a result of one or more of the following:

1. existing features may have been stable by construction or engineering prior to 1994, or
2. the surface expression of features changes constantly as new and historic development is built onto rock-fissured areas.

Fissures developed in areas with rock units of different ages or rock types are not projected. However, attempts within the study area boundary have been made to identify and locate evidence of features that may not be visible. The presence or absence of a fissure at any specific site may require additional mapping and/or geotechnical analysis.

MAP EXPLANATION

- Red color represents the approximate locations of all confirmed earth fissures. Earth fissures are classified as active or inactive.
- Yellow color represents areas where earth fissures may occur.
- Green color represents the approximate locations of all confirmed earth fissure ground deformations.
- Blue color represents areas where earth fissures may occur.
- The color of the State's lines is shown in orange.

Environmental conditions are not considered in the placement of earth fissures. Features that are not visible in the map are referenced to the maps currently available from the GSSP, for area evaluation purposes:

This Earth Fissure Map is intended as an informational tool to supplement current public information. This map is for general awareness purposes. This map is not a substitute for, and does not represent, the FSSP or other existing data sources. This is not to be used for planning or engineering purposes. This map is intended to be used in conjunction with other available data sources for any specific site.

Earth Fissure Map of the Heaton Study Area: Maricopa and Pinal Counties, Arizona

February 2008
Arizona Geological Survey

Digital Map Series - Earth Fissure Map 9 (DM-EF-9)

NOTICE

The State of Arizona has made a reasonable effort to ensure the accuracy of this map. However, 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.

Gila River Indian Reservation