

November 15, 2018

MEMORANDUM

To: Brian Hunt
From: Tom Grimshaw
Subject: Geologic Map Segments of the Mountain City Quadrangle: Posted on Dropbox for Digitizing for GIS

In my memo of September 30, 2018, I provided a geologic map of the Mountain City Quadrangle that is based on better air photos and improved insight in the fault patterns of the Balcones Fault Zone than was available in previous mapping. My October 10 memo included a colored-in version of the geologic mapping. In both cases, the maps were presented in 2-½ minute segments of the quadrangle that were attachments to the memos.

In the interest of completeness, some parts of the quadrangle have been “mapped into” surrounding quadrangles. The total number of segments is therefore 25 as shown below, with nine segments the nine segments of the Mountain City Quadrangle shaded.

Tier 1-1	Tier 1-2	Tier 1-3	Tier 1-4	Tier 1-5
Tier 2-1	Tier 2-2	Tier 2-3	Tier 2-4	Tier 2-5
Tier 3-1	Tier 3-2	Tier 3-3	Tier 3-4	Tier 3-5
Tier 4-1	Tier 4-2	Tier 4-3	Tier 4-4	Tier 4-5
Tier 5-1	Tier 5-2	Tier 5-3	Tier 5-4	Tier 5-5

Those segments are designated in five Tiers with five segments each from north to south. Not all of the statements were used because they do not contain geologic mapping.

A new folder has been created in our Dropbox folder named “370 Geologic Map Segments“. It contains the relevant segments in and around the Mountain City Quadrangle individually (rather than as memo attachments) in order to accomplish digitization easily and to update the mapping when required. When the geologic map was colored for the October 10 memo, for example, certain areas were found that needed additional field checking. The 15 segments containing geologic mapping and included in the Dropbox folder are as follows: Tier 1-2, 1-3, 1-4, 2-2, 2-3, 2-4, 2-5, 3-2, 3-3, 3-4, 3-5, 4-2, 4-3, 4-4, 4-5.

The map segments in Tier 5 are not yet ready for digitizing.

As always, please let me know if you have any questions or concerns.