

July 5, 2017

MEMORANDUM

To: Brian Hunt, Chock Woodruff
From: Tom Grimshaw
Subject: Proposed Geologic Field Trip to Nance Tract

I look forward to our field trip to the Nance Tract in the near future.

I prepared a geologic map in and around this area for my 1976 dissertation, and Brian and I have been refining the mapping in this area – and elsewhere in the Mountain City Quadrangle – for the past couple of years. An outline of the Tract provided by Brian is shown in Attachment A. The approximate boundaries have been sketched on the USGS 7-½ minute topographic base map in Attachment B. Also shown in Attachment B is the most current geologic mapping of the area in and around the Tract.

During our field trip, I suggest that we focus on the southern portion of the Tract where the geology is interesting and well exposed in the area between the two downthrown-to-the-southeast step faults.

I have not yet found it meaningful to look at areas underlain by the Edwards like in the northern portion of the Tract. Neither air photo mapping nor field visits have been helpful in mapping in areas underlain by the Edwards, with the exception of the Regional Dense Member where it can be found. A cursory visit in the northern portion to look for the Regional Dense Member therefore e4qbe warranted.

Please let me know if you have any feedback or questions about this field visit proposal.

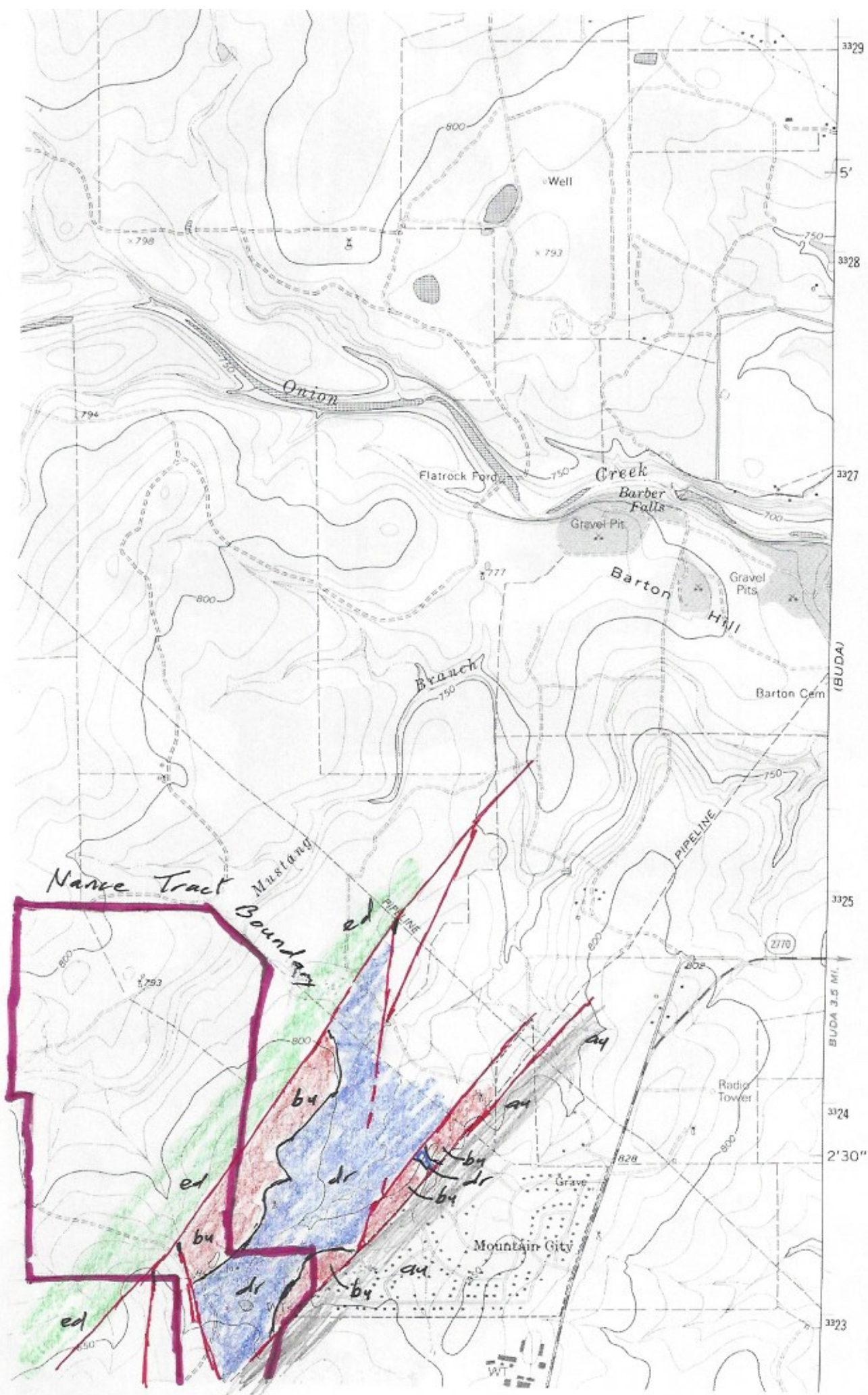
Attachment A.

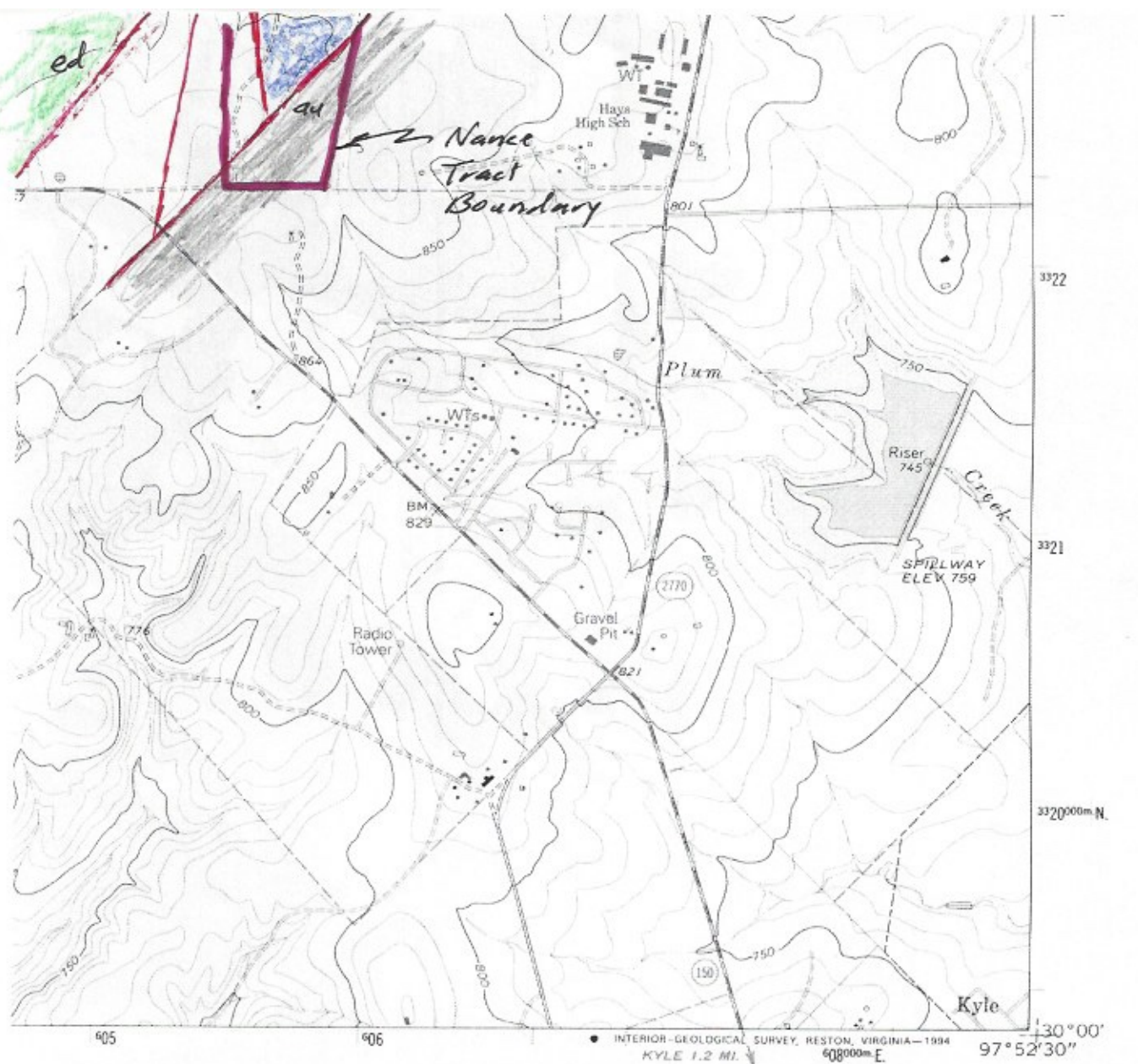
Outline of the Nance Tract



Attachment B.

Nance Tract Area Showing Current Geologic Mapping





ROAD CLASSIFICATION

Primary highway, hard surface ——— Light-duty road, hard or improved surface ———

Secondary highway, hard surface ——— Unimproved road ———

Interstate Route U. S. Route State Route



3097-222



MOUNTAIN CITY, TEX.

30097-A8-TF-024

1968
REVISED 1994
DMA 6444 III SW-SERIES V882