

March 6, 2016

MEMO

To: Brian Hunt

From: Tom Grimshaw

Thank you for your continued assistance with the "next generation" geologic mapping of the Mountain City quadrangle.

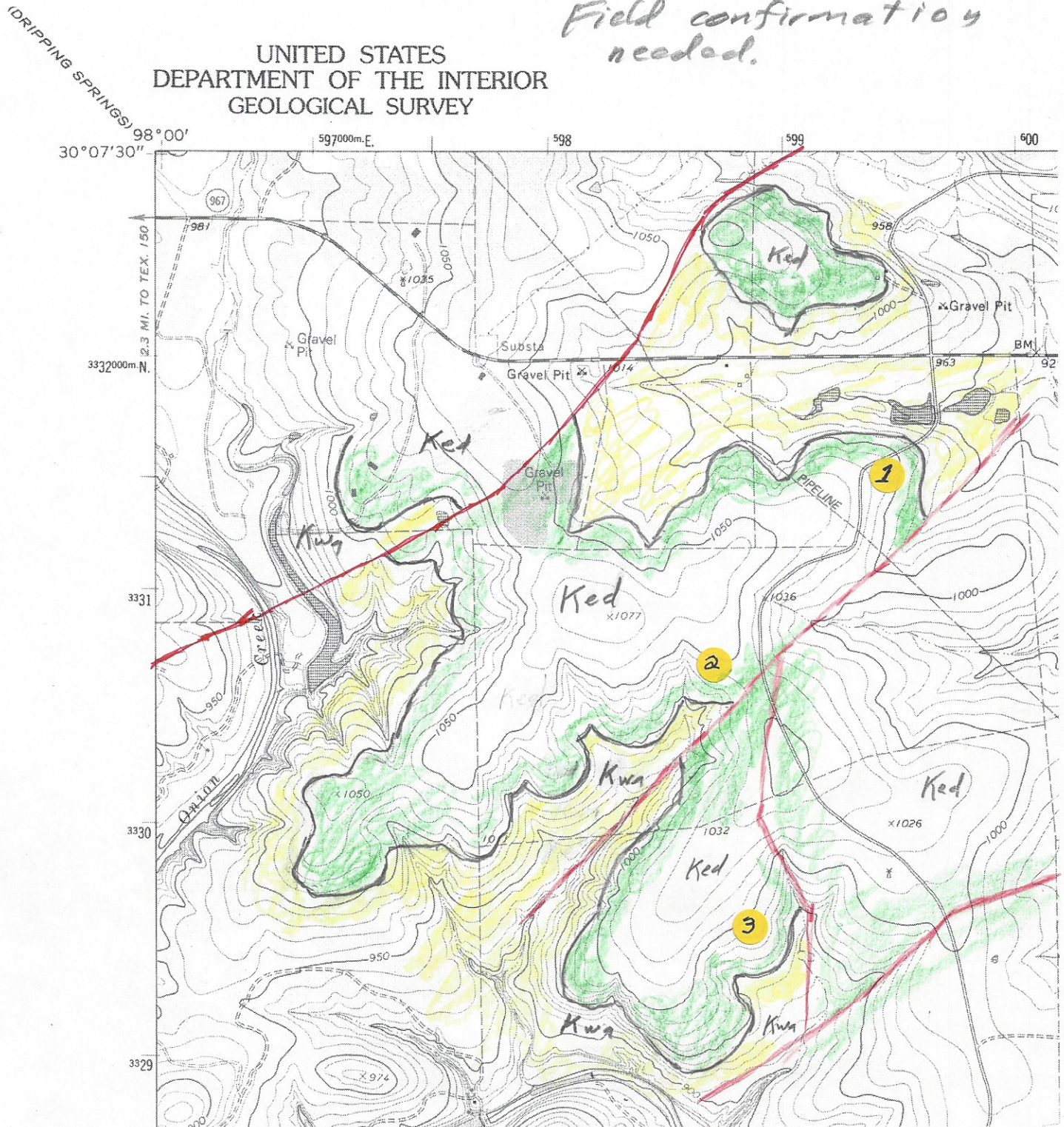
The Rutherford Ranch area is important to the mapping project. As you know, preliminary mapping has been done on air photo stereo pairs for the ranch and surrounding area. The mapping has been verified around the ranch, but still needs to be done by outcrop checks on the ranch itself.

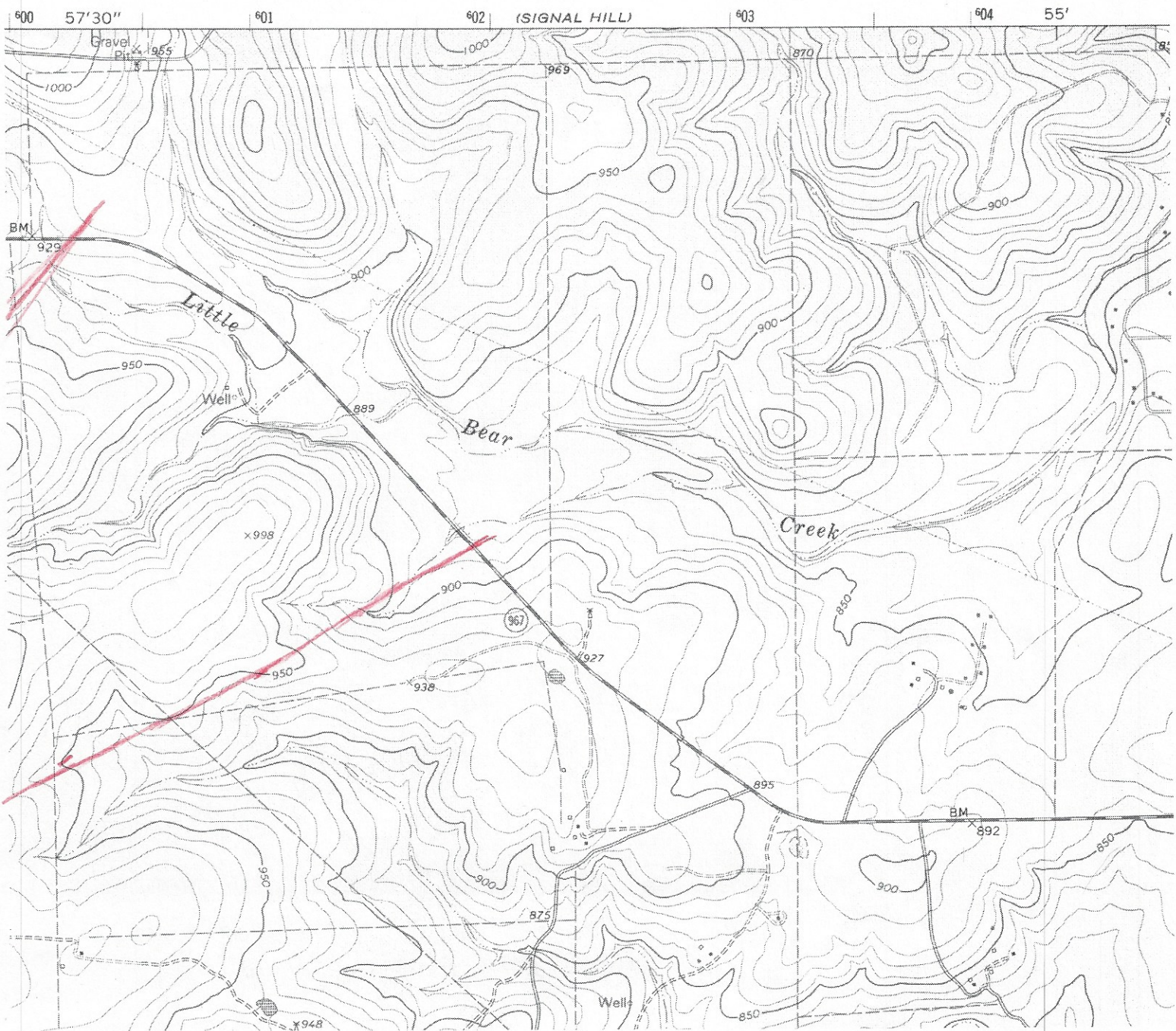
Attachment A shows a topographic map with a preliminary geologic map and proposed locations for outcrop visits. Attachment B provides a description of each of the 18 locations.

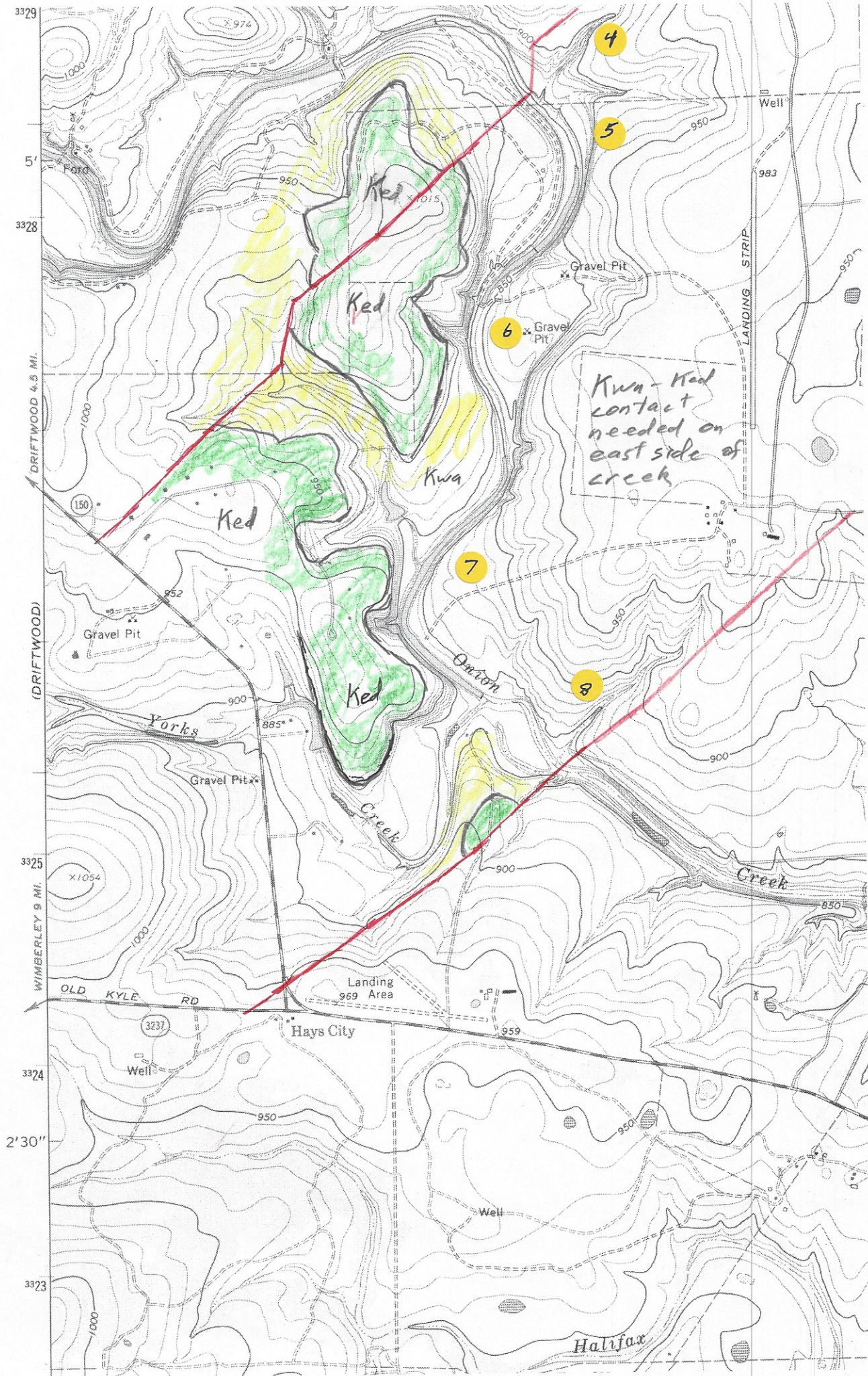
I look forward to continuing our joint effort to produce the geologic map of the Mountain City quad.

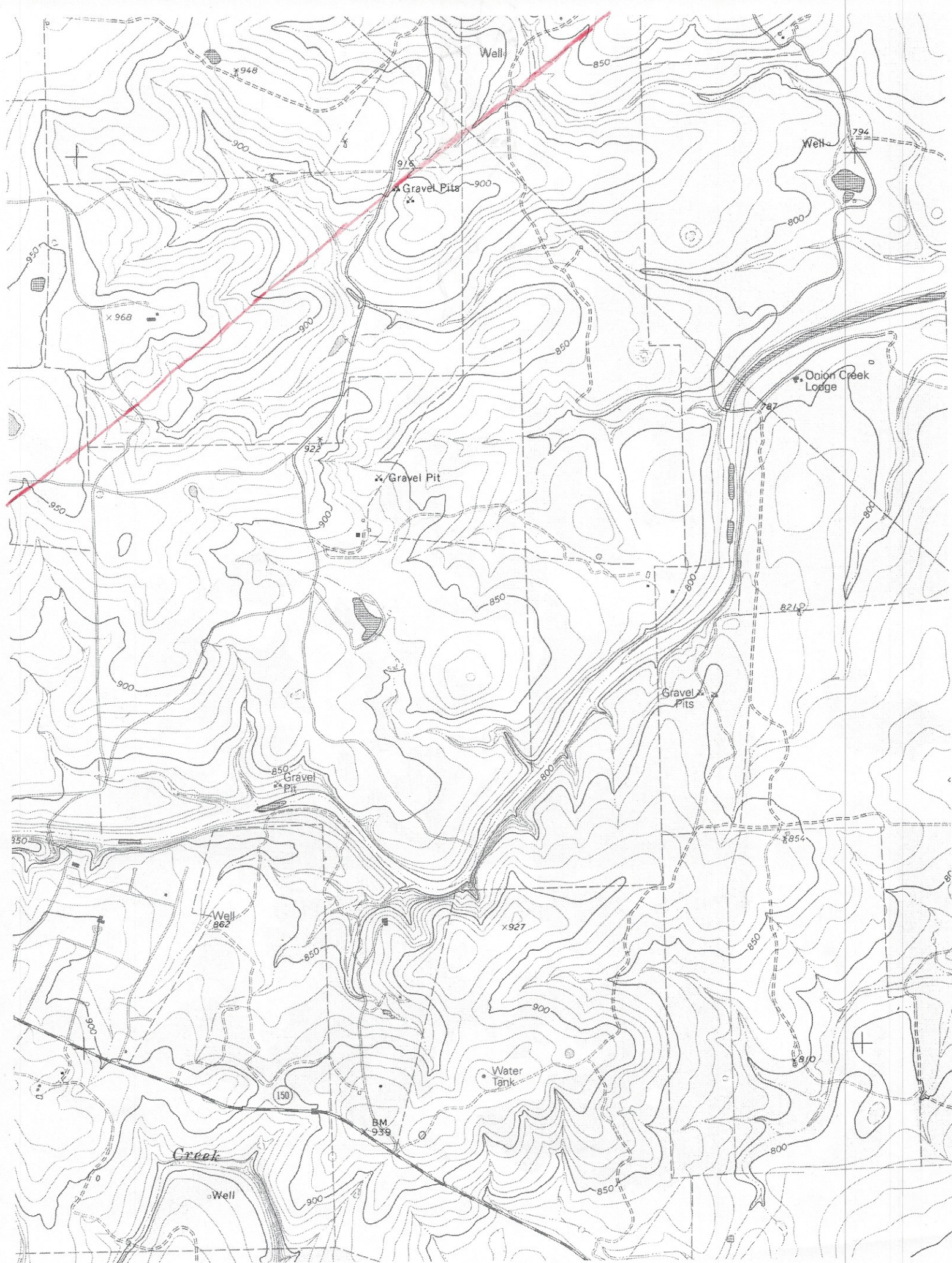
Attachment A
Topo Map in Four Sheets
(With Preliminary Geology*) -

* Based on air photos.
Field confirmation
needed.









Attachment B

Proposed Field Stops

Objectives: 1) Walnut (Kwa) - Edwards (Ked) contacts; and 2) evidence for Balcones faults.

- ① Kwa-Ked contact
- ② As above
- ③ As above
- ④ Fault evidence in deep ravine
- ⑤ Kwa-Ked contact
- ⑥ As above
- ⑦ As above
- ⑧ Fault evidence in deep ravine

In addition, walk Onion Creek to look for fault evidence and outcrops