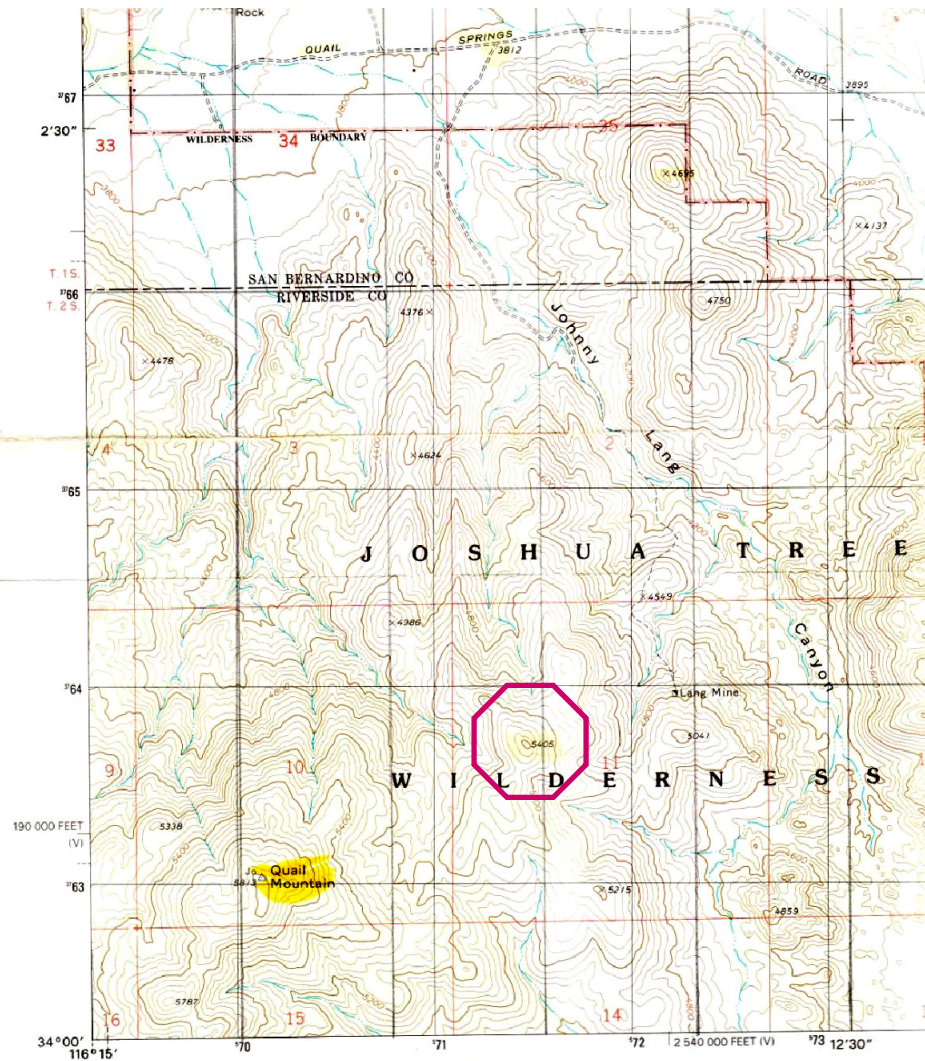


Homework A & B

WTC SGV Group 3

Question A-1 (slide 1/3)



Produced by the United States Geological Survey in cooperation with California Department of Water Resources

Derived from imagery dated 1970. Photoinspected using imagery dated 1995; no major culture or drainage changes observed. PLSS and survey control current as of 1972

Boundaries revised 1995

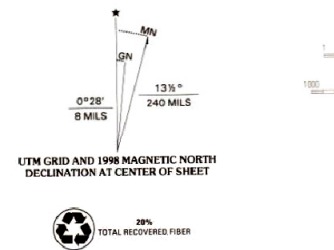
North American Datum of 1927 (NAD 27). Projection and 1000-meter grid: Universal Transverse Mercator, zone 11

10 000-foot ticks: California Coordinate System of 1927 (zones 5 and 6)

North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software

There may be private inholdings within the boundaries of the National or State reservations shown on this map

Where omitted, land lines have not been established

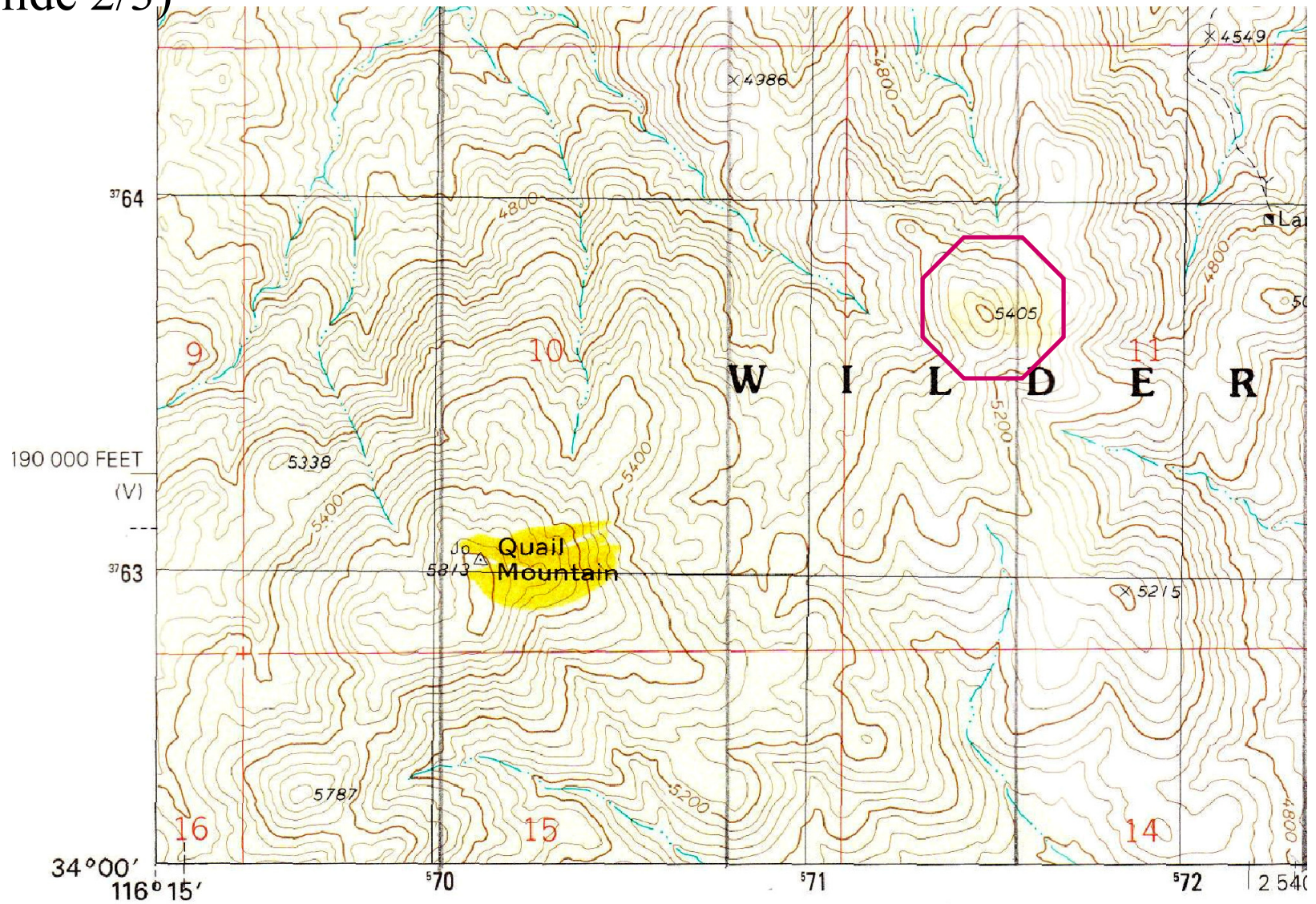


UTM GRID AND 1983 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

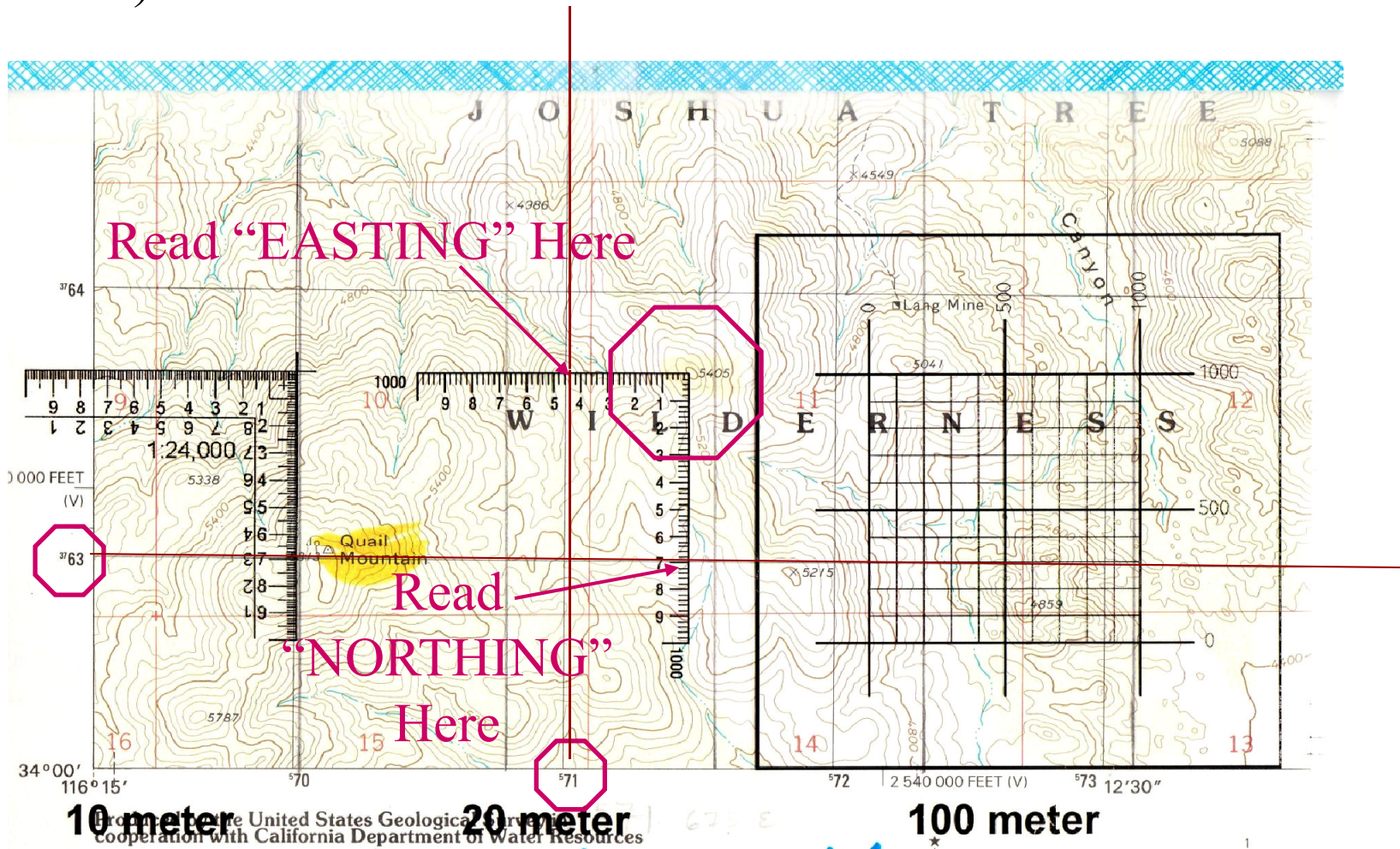


28% TOTAL RECOVERED FIBER

Question A-1 (slide 2/3)



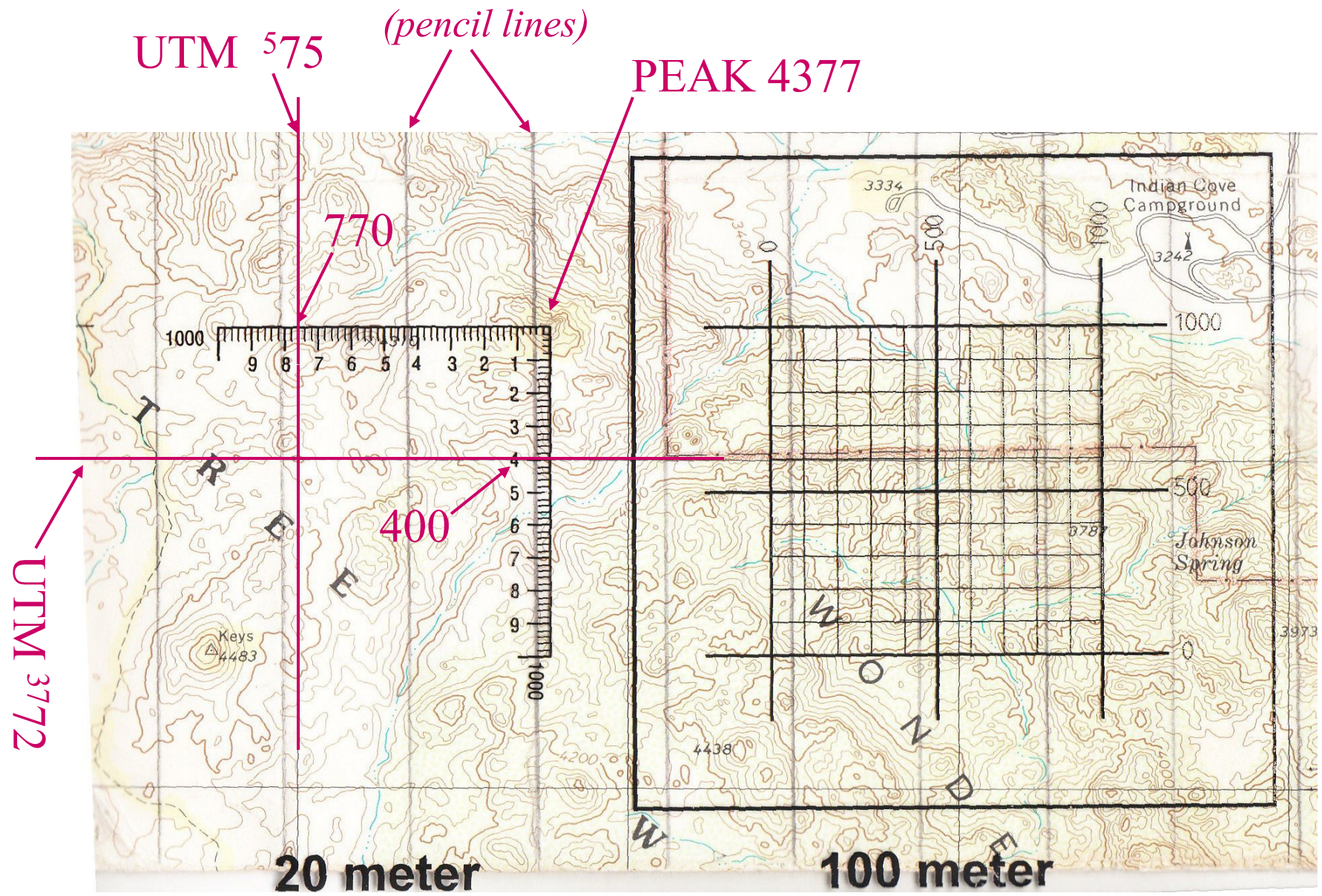
Question A-1 (slide 3/3)



75

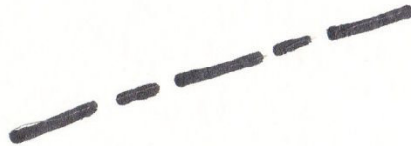


Question A-2, (slide 1/3)

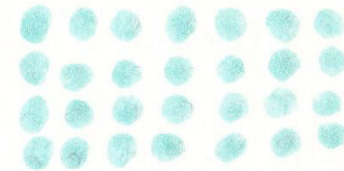


Question A-3

County Boundary



School

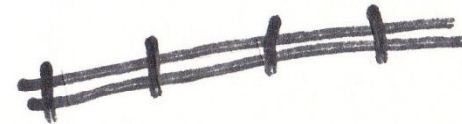


Orchard
(green)

Bridge Over Trail



Mine/Cave
Entrance

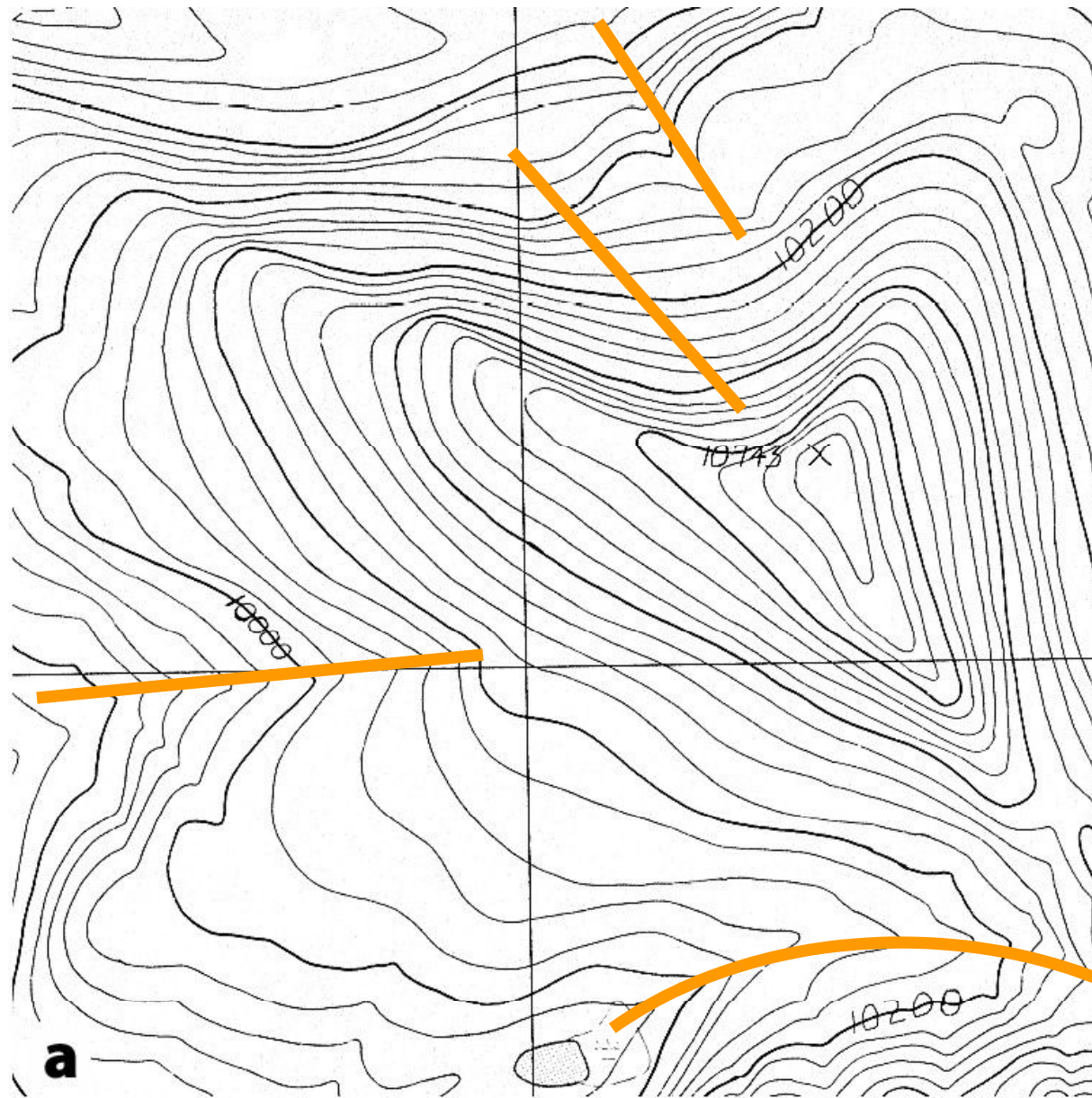


Railroad Tracks

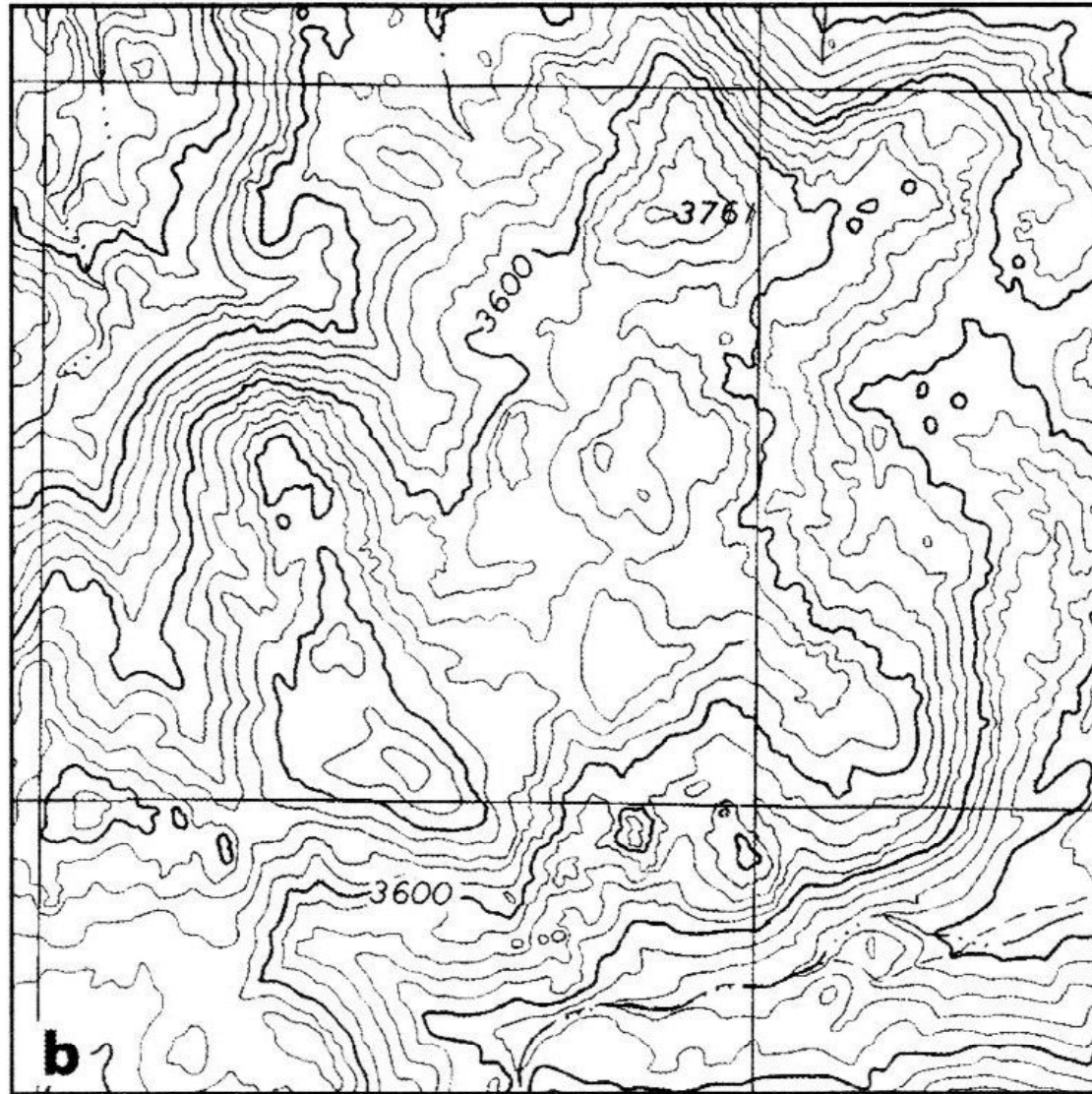
Unimproved Road



Question A-4



Question A-4



Question A-5

- Naismith Rule (*strong Dayhike pace*)

$$T = \frac{1}{3} D + \frac{1}{2} H$$

(3 Miles per Hour plus 2000 Feet per Hour)

- Backpacker's Rule (*strong Backpacking pace*)

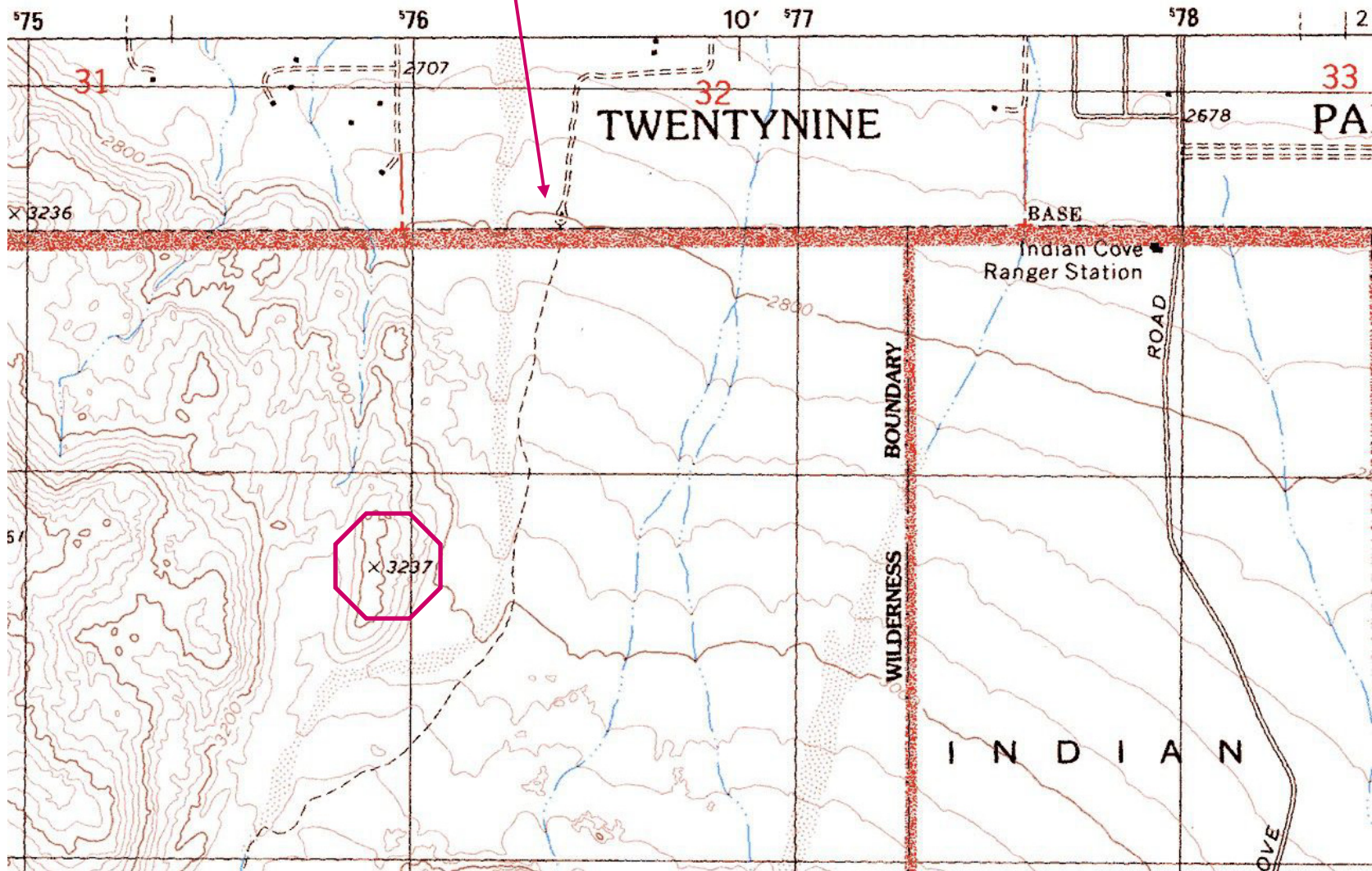
$$T = \frac{1}{2} D + H$$

(2 Miles per Hour plus 1000 Feet per Hour)

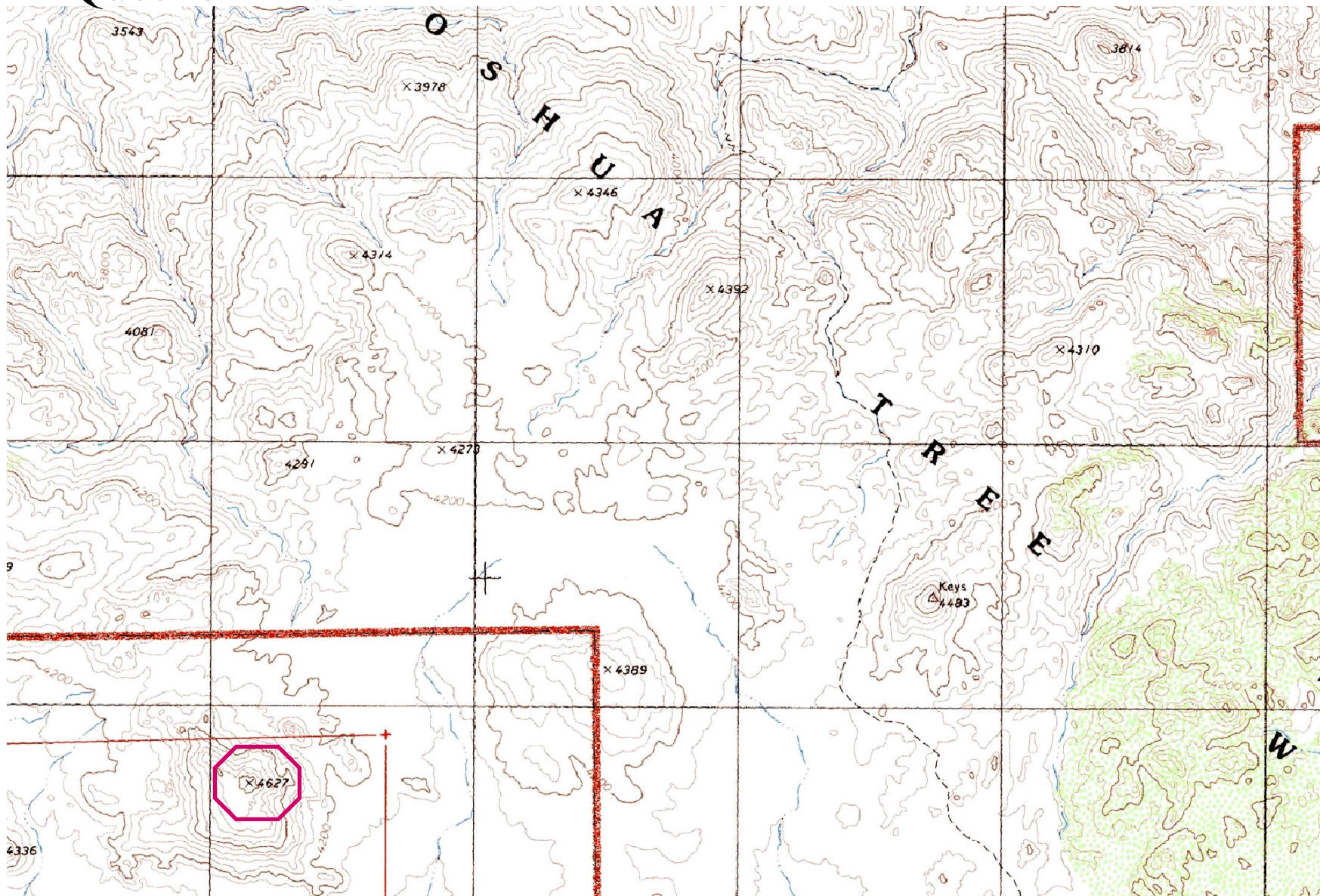
- Squiggles?

T = Time (hours)
D = Distance (miles)
H = Gain (1000 feet)

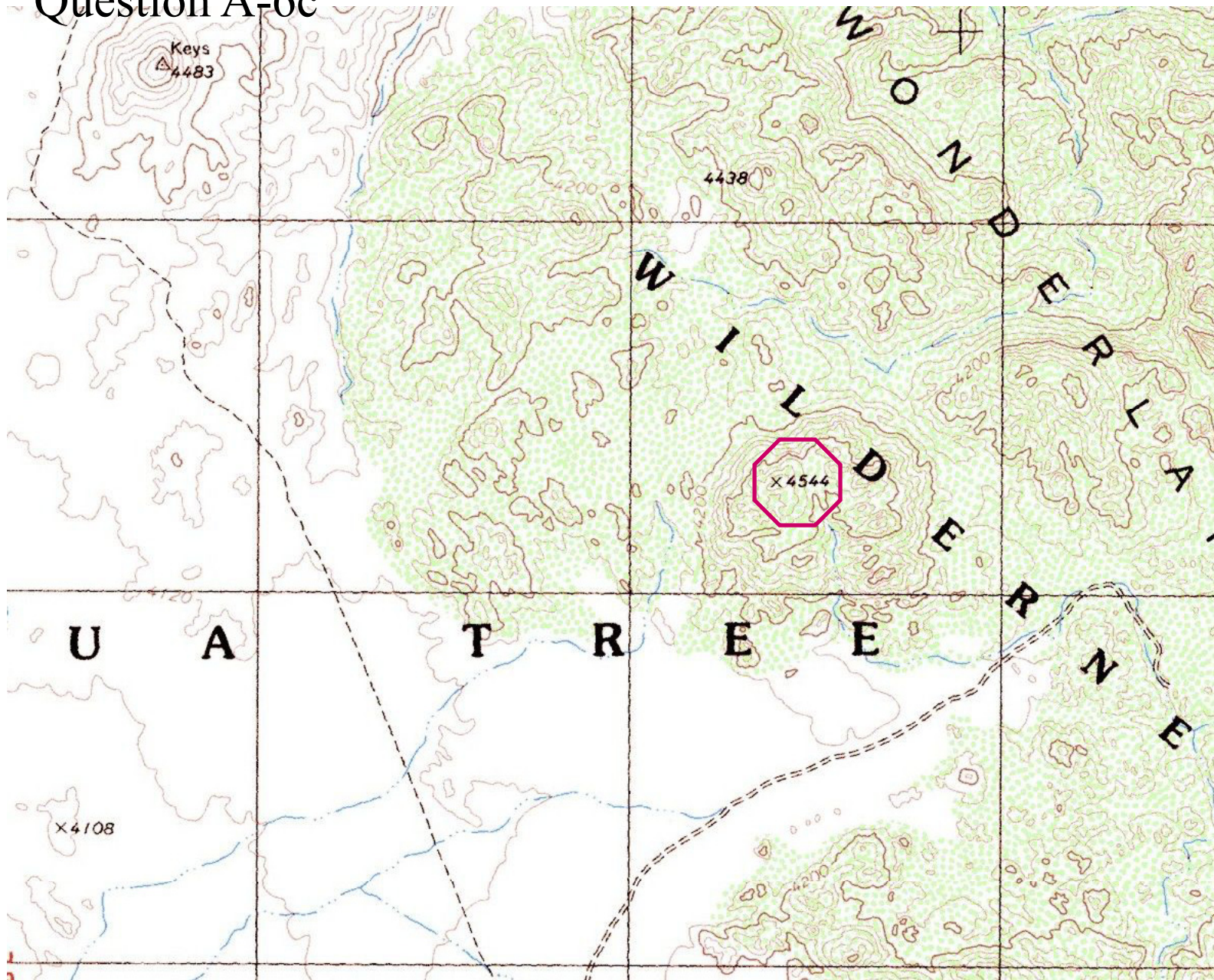
Question A-6a



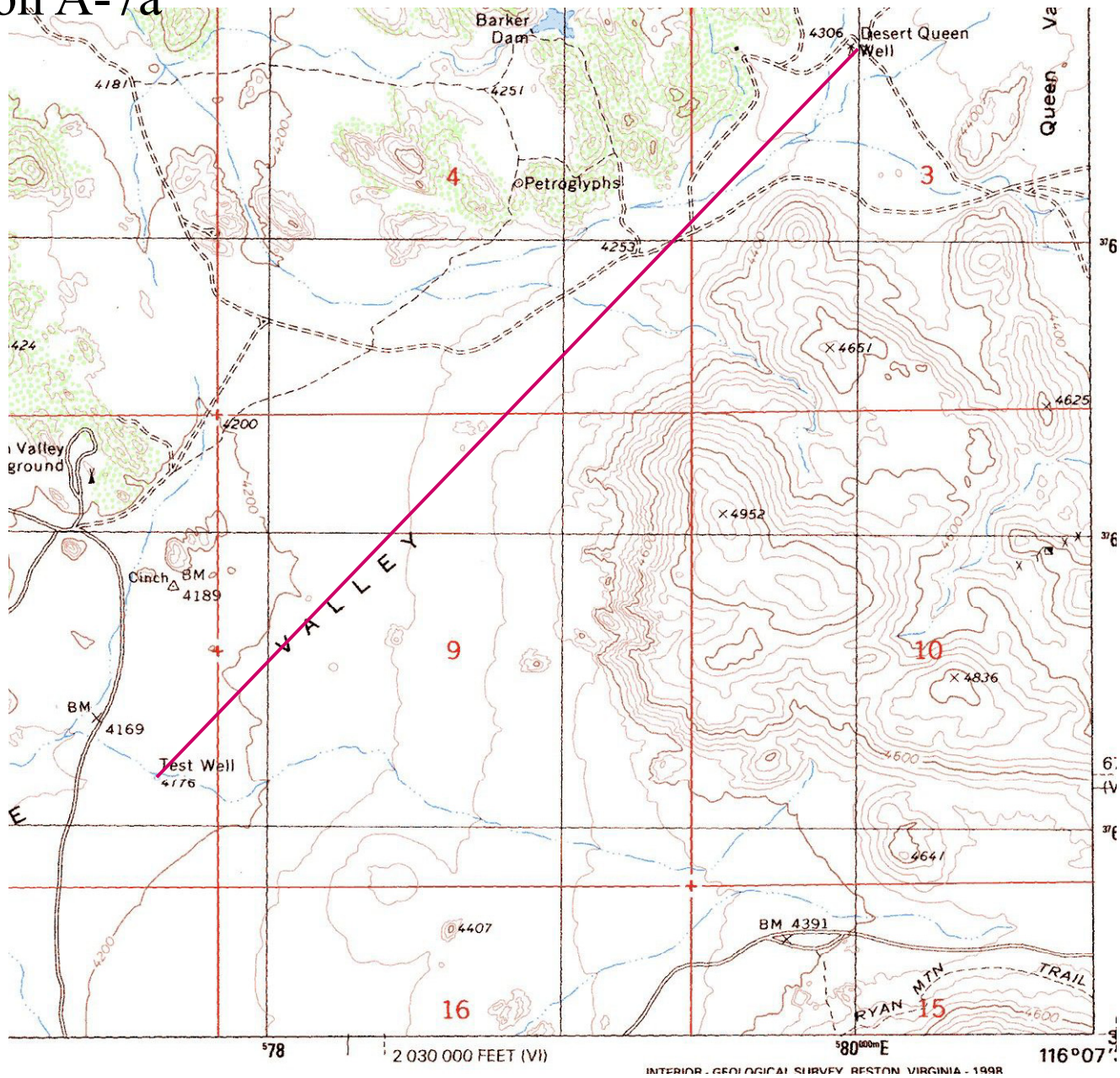
Question A-6b



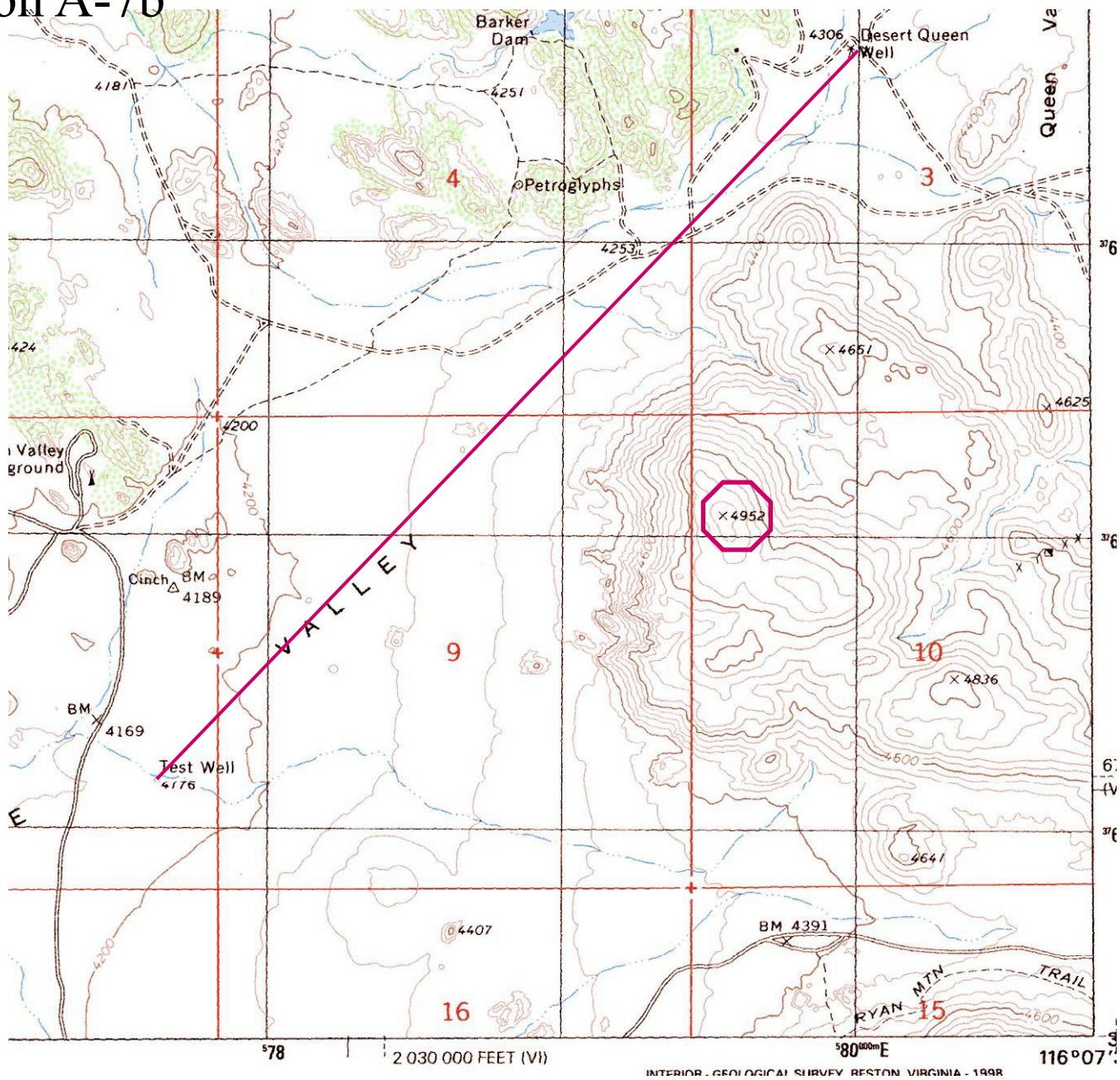
Question A-6c



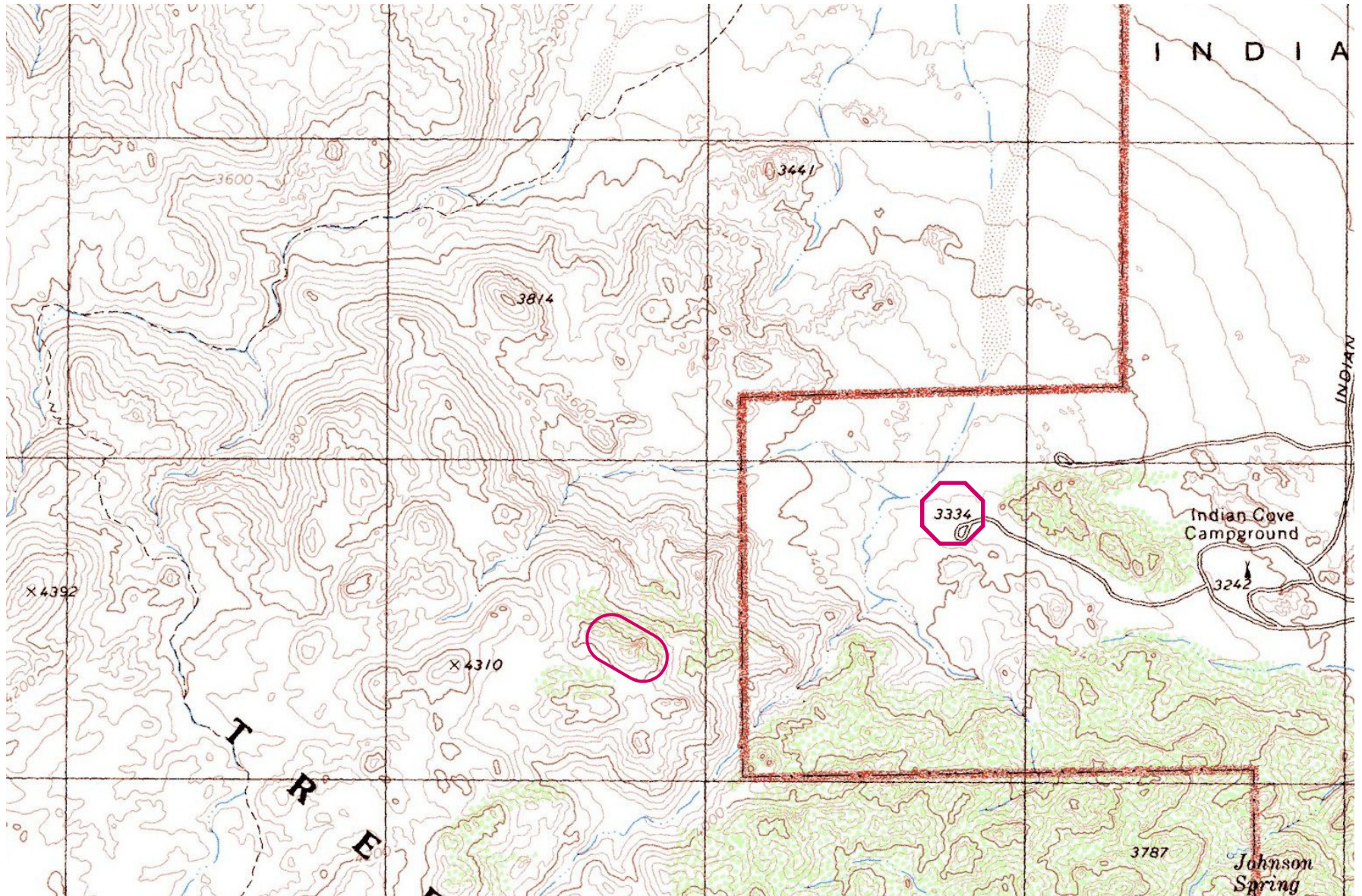
Question A-7a



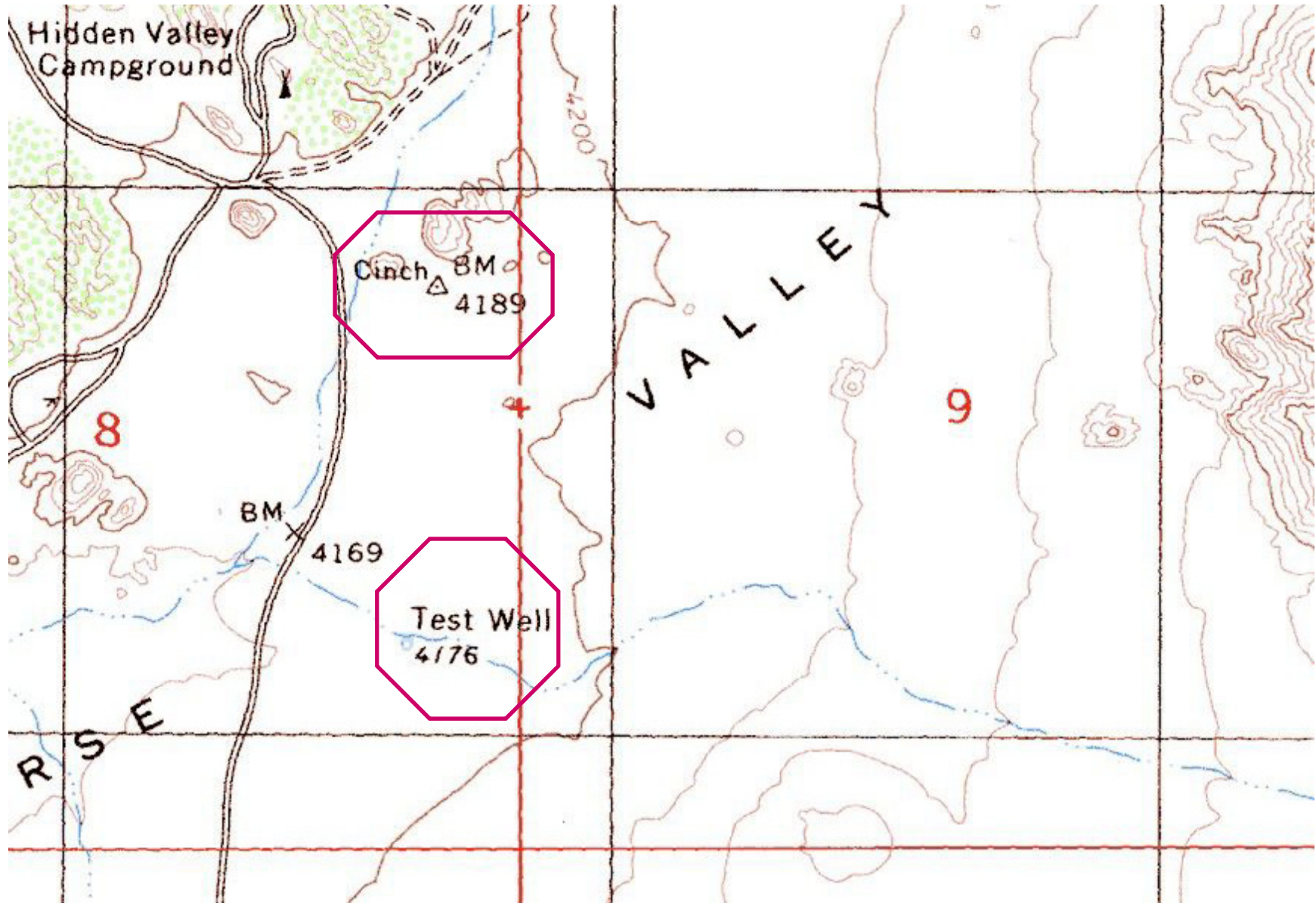
Question A-7b



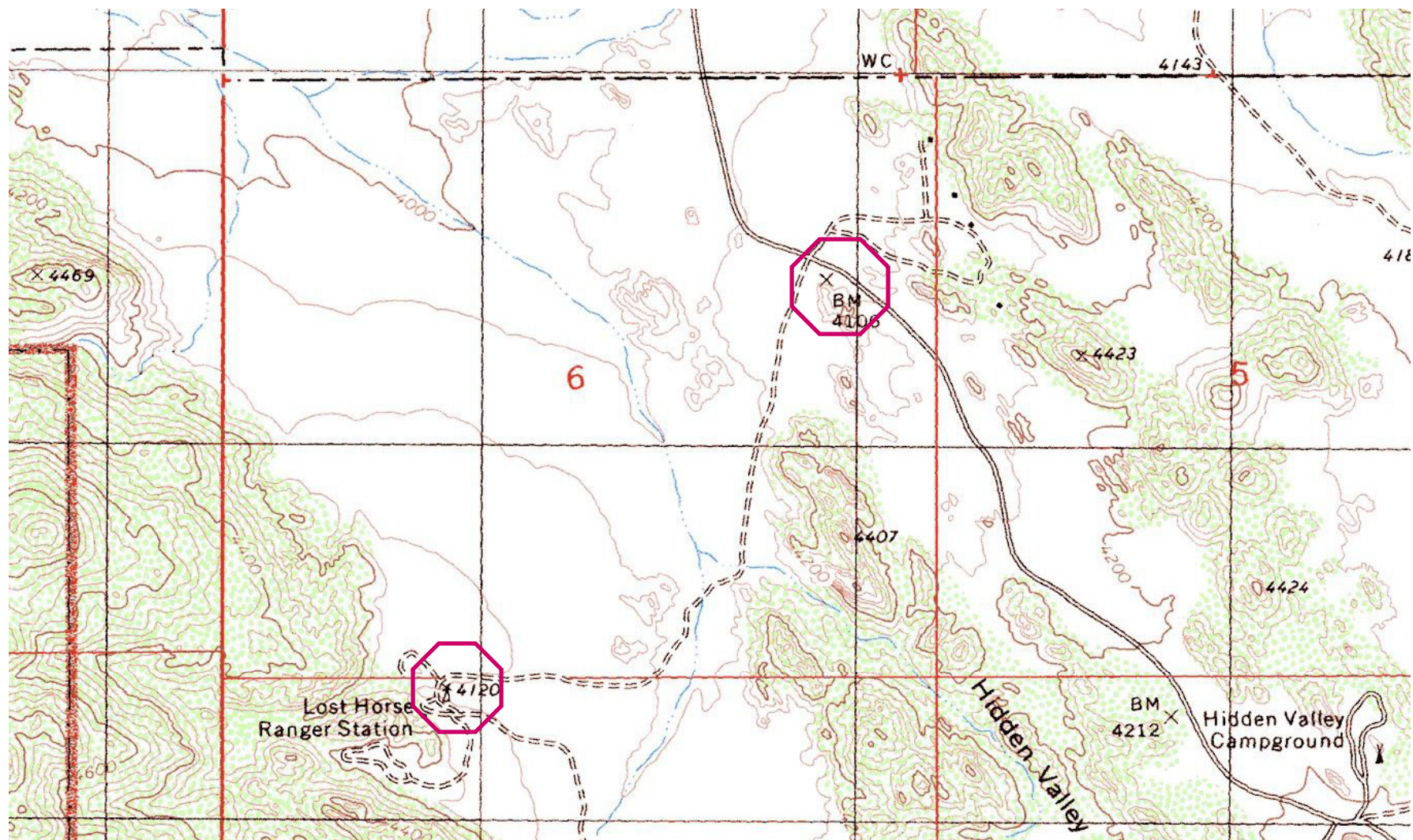
Question A-8a



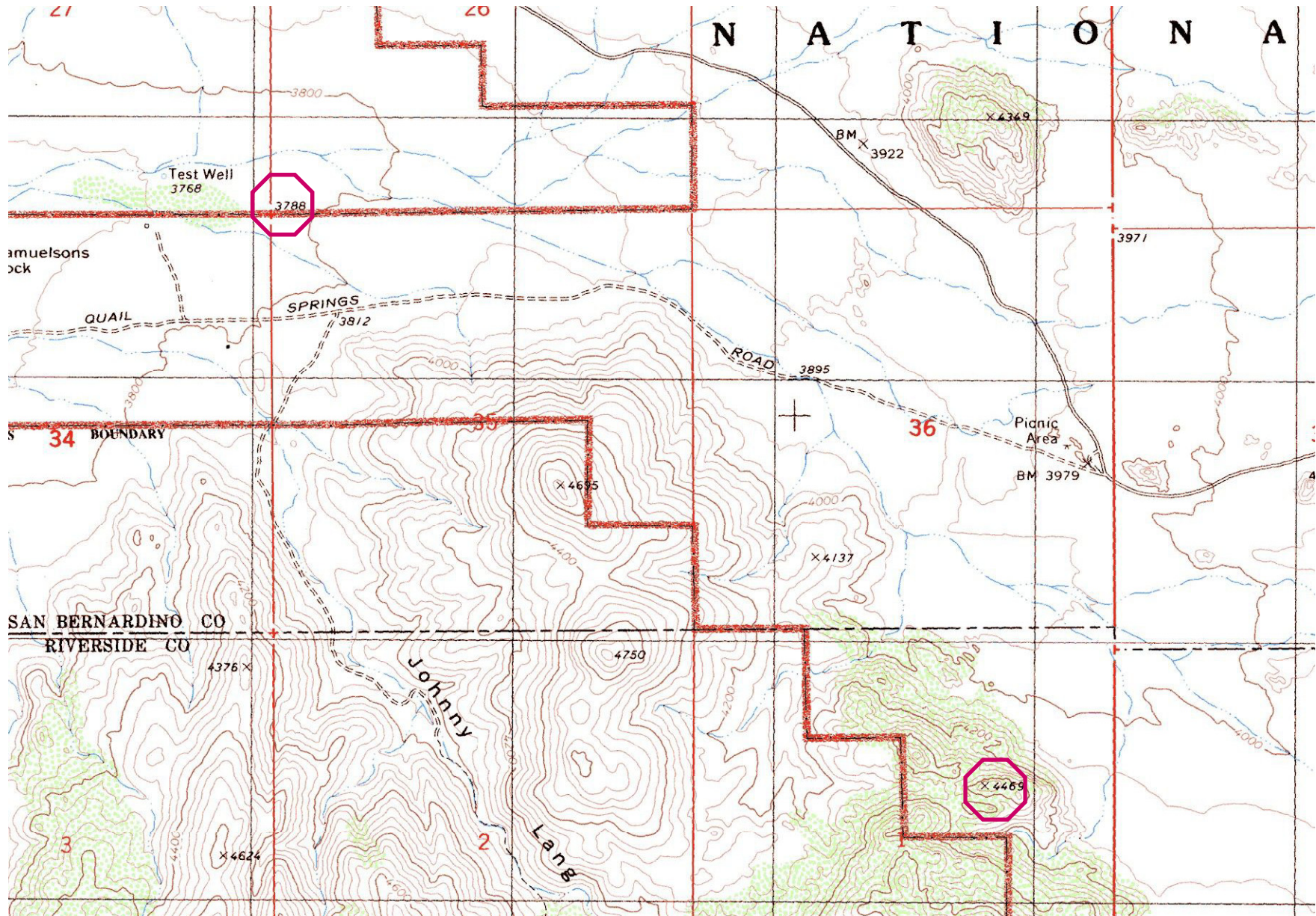
Question B-1



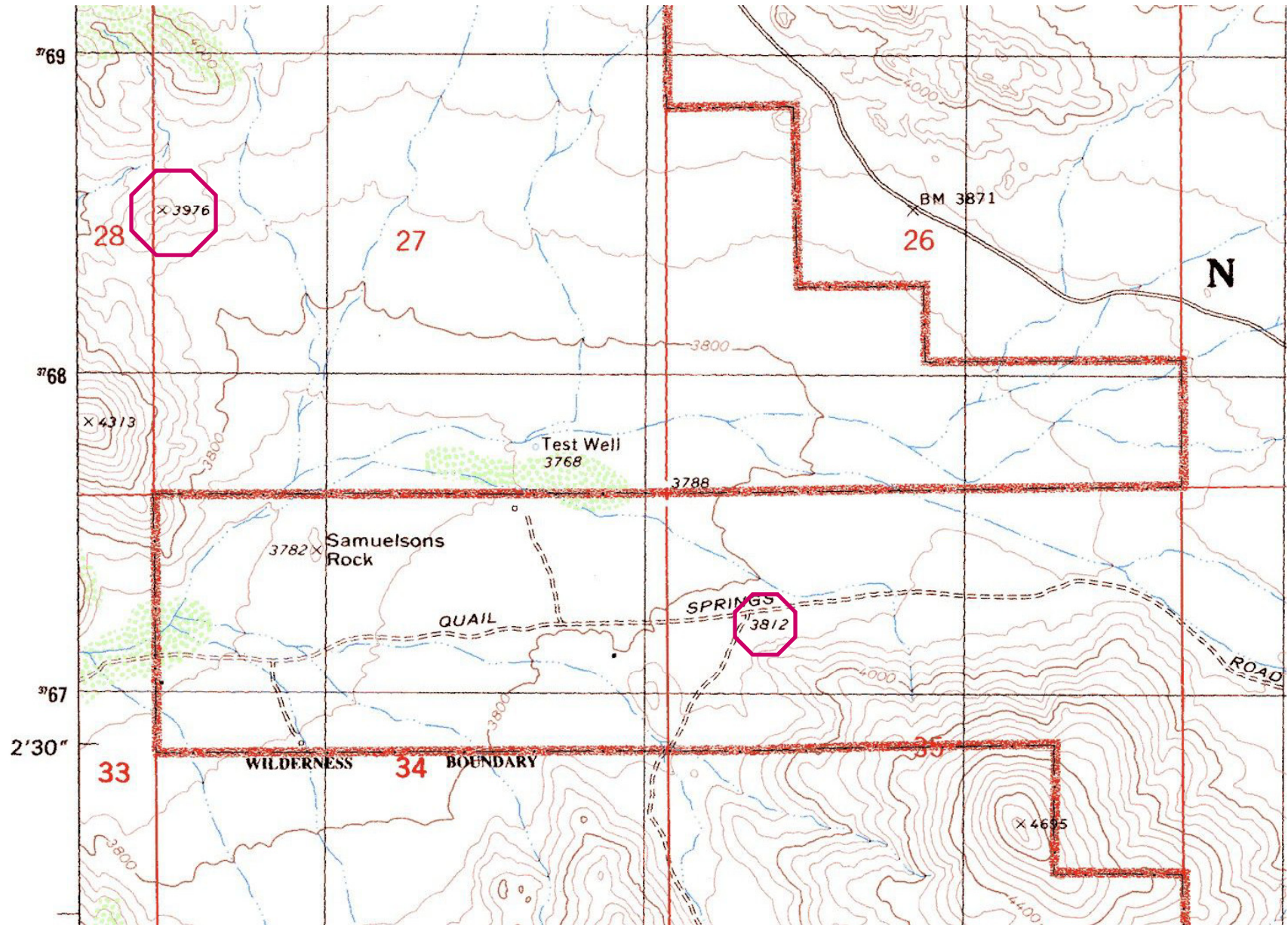
Question B-2



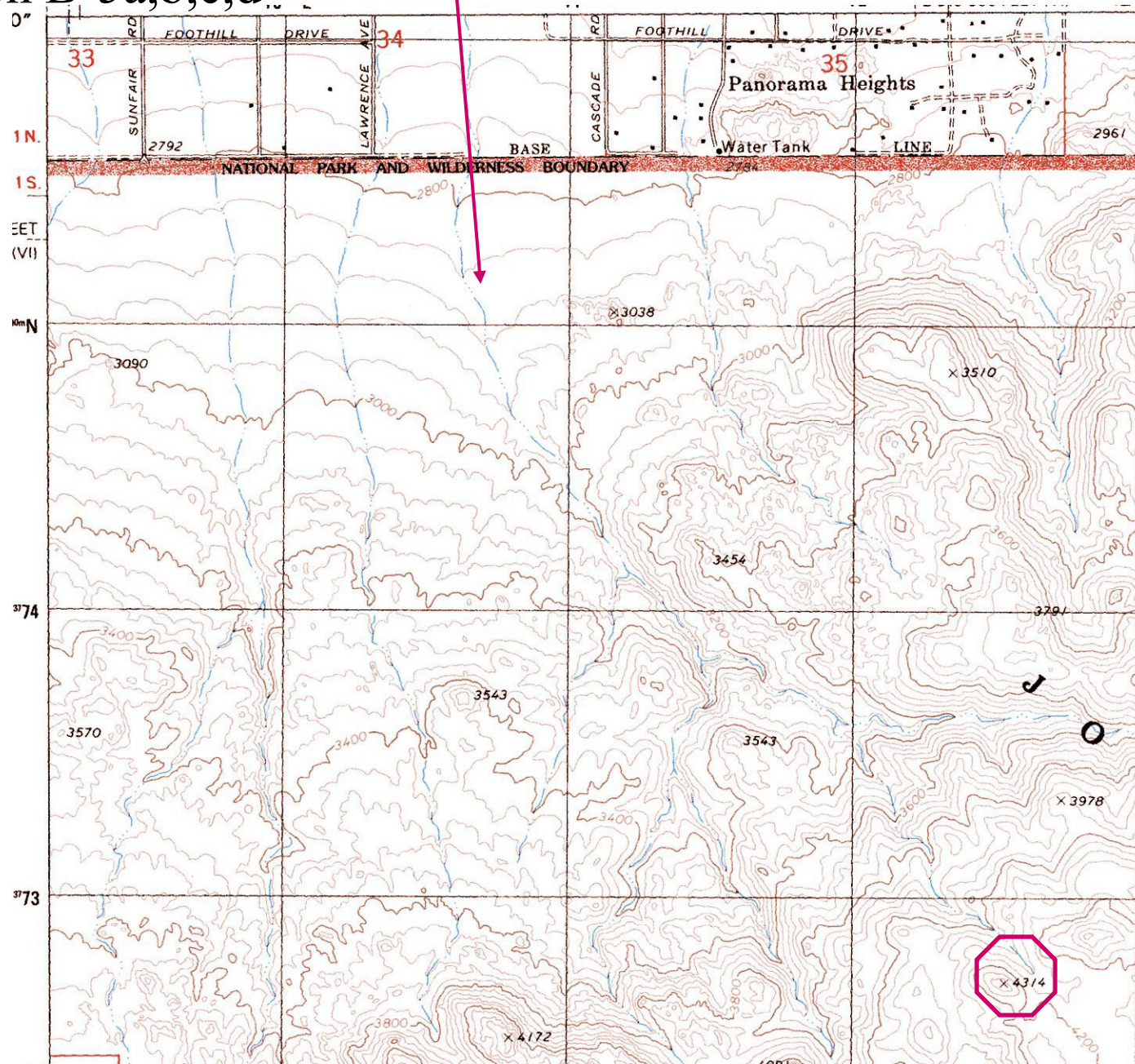
Question B-3



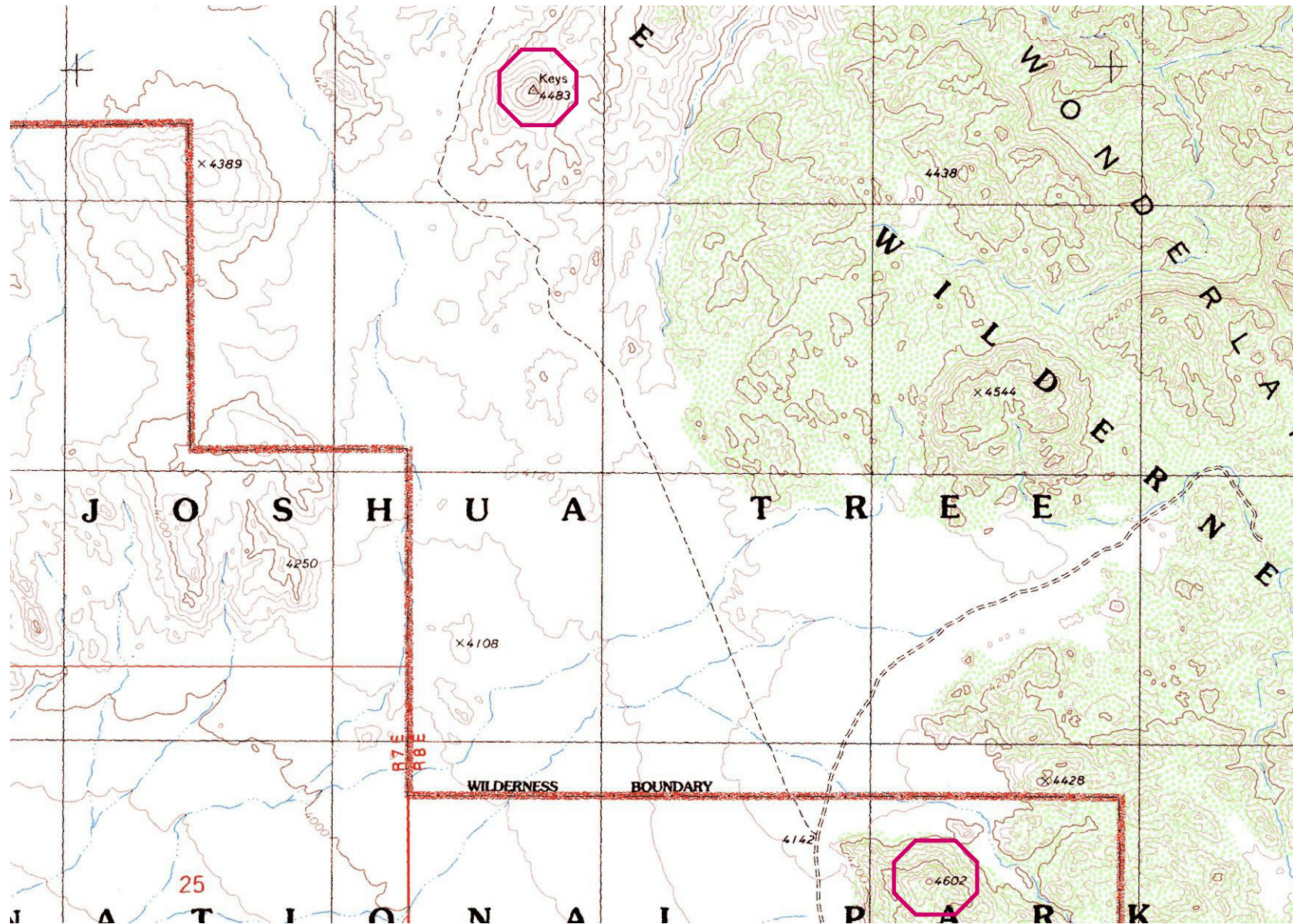
Question B-4



Question B-5a,b,c,d



Question B-6a,b



Question B-7a,b,c

