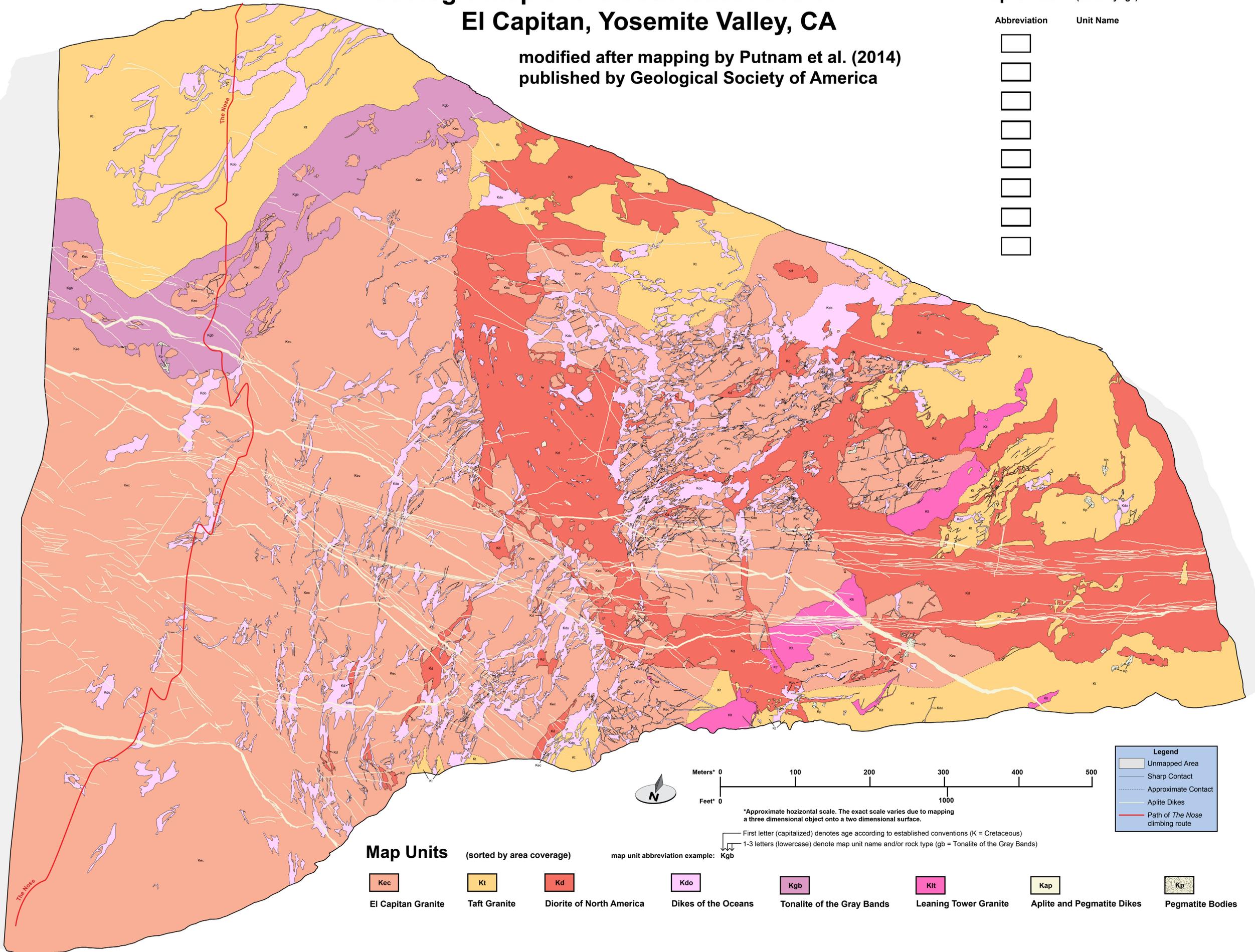
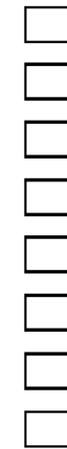


# Geologic Map of the Southeast Face of El Capitan, Yosemite Valley, CA

modified after mapping by Putnam et al. (2014)  
published by Geological Society of America

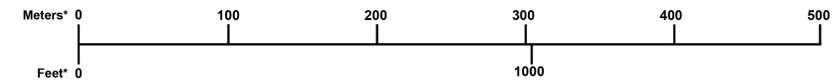
## Map Units (sorted by age)

Abbreviation      Unit Name



**Legend**

- Unmapped Area
- Sharp Contact
- Approximate Contact
- Aplite Dikes
- Path of *The Nose* climbing route



\*Approximate horizontal scale. The exact scale varies due to mapping a three dimensional object onto a two dimensional surface.

— First letter (capitalized) denotes age according to established conventions (K = Cretaceous)  
— 1-3 letters (lowercase) denote map unit name and/or rock type (gb = Tonalite of the Gray Bands)

## Map Units (sorted by area coverage)

map unit abbreviation example: Kgb

- |                    |              |                          |                     |                            |                       |                            |                  |
|--------------------|--------------|--------------------------|---------------------|----------------------------|-----------------------|----------------------------|------------------|
| Kcc                | Kt           | Kd                       | Kdo                 | Kgb                        | Klt                   | Kap                        | Kp               |
| El Capitan Granite | Taft Granite | Diorite of North America | Dikes of the Oceans | Tonalite of the Gray Bands | Leaning Tower Granite | Aplite and Pegmatite Dikes | Pegmatite Bodies |