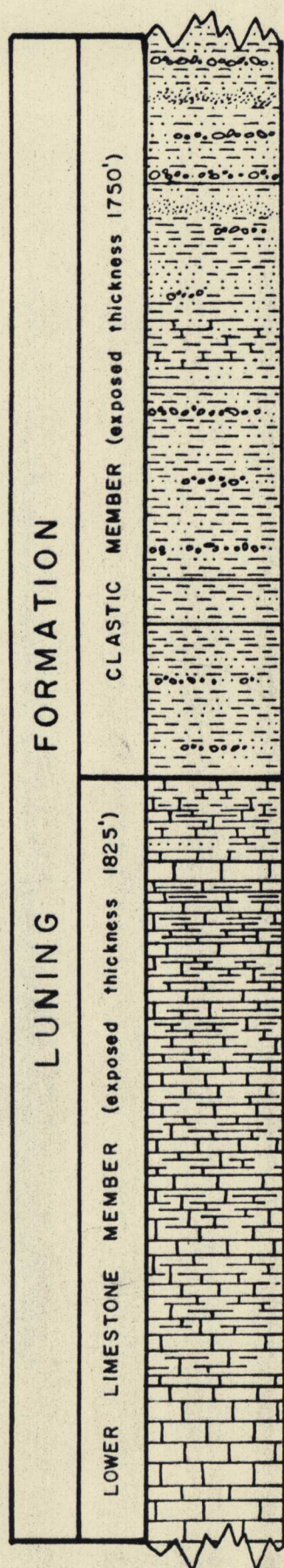


Section 3. Luning Formation R/

Thickness  
in feet



- 350 Top not exposed  
Silty- and sandy argillite, maroon and green, thick to very thick beds, very thin partings, weathers to irregular chips. Subordinate beds of chert pebble and granule conglomerate, maroon, very thick beds, poorly sorted. A few beds of cross-bedded tuffaceous sandstone.
- 480 Argillite and silty argillite, dark gray and dark olive, massive to very thickly bedded, very thin irregular partings. A few beds of limey shale and shaley limestone interbedded with argillite near base. A few beds of fine-grained tuffaceous sandstone near base. Becomes increasingly sandy near top with a few beds of tuffaceous cross-bedded sandstone. A few chert pebble conglomerate beds near top.
- 460 Sandy argillite, gray, greenish-gray and olive, weathers to limonitic yellow, very thick to massive beds, thin to very thin irregular partings. A few beds of coarse sandstone and chert pebble and granule conglomerate, very thick beds.
- 100 Same as unit below except red and maroon color.
- 360 Sandy argillite, gray, greenish-gray and olive, weathers to limonitic yellow-brown, very thick to massive beds, very thin irregular partings. A few beds of coarse-grained sandstone and chert pebble and granule conglomerate, very thick beds.
- 200 Shaley limestone, dark gray, weathers buff and brown, medium to thinly bedded, fossiliferous, fetid odor when freshly broken. Subordinate interbeds of thinly laminated light gray shale and thickly laminated limey shale. A few beds of olive drab argillite and medium-grained quartz sandstone.
- 1250 Shaley limestone and limestone, buff, platy to flaggy bedding, commonly thinly to very thinly parted. Subordinate interbeds of massive gray limestone, very thick beds, bioclastic, fossiliferous. A few olive, brown and gray shale and limey shale beds. 30 feet of massive gray limestone at top.
- 375 Calcareous limestone, gray, thick to very thick massive beds, bioclastic. Consists largely of fragments of corals, bryozoans, algae, pelecypods, and brachiopods.

Base not exposed.

Section measured in southwest wall of Dunlap Canyon south of the intersection of Dunlap and Baloon Canyons, northwest Pilot Mountains, sec. 6, T. 6 N., R. 36 E.

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