

SAW MILL CANYON

Location: West flank of Laramie Range, Sec. 18, T. 14 N., R 72 W.,
and section 13, T 13 N., R. 73 W.

Satanka:

No. 22 Deep-red sandstones and interbedded shales..... 115'

Casper:

- No. 21 Soft salmon-pink strongly cross-bedded (eolian)
sandstone..... 8'
- No. 20. Dense pinkish-gray limy sandstone evenly bedded, the
average distance between planes being 2". The upper
portion of this bed is fossiliferous. This member is
in strong contrast with the eolian sandstones so
characteristic of this series..... 7' 6"
- No. 19 Soft deep-red strongly cross-bedded monumental sand-
stone..... 40'
- No. 18 Gray fossiliferous limestone. Lower contact
transitional..... 6' 6"
- No. 17 Soft salmon pink sandstone. Lower contact sharp and
regular..... 7'
- No. 16 Gray massive fossiliferous limestone. The lower
contact is transitional..... 15'
- No. 15 Soft salmon pink flaggy sandstone, weathering into
slabs 1 to 3 inches thick..... 15' 6"
- No. 14 Gray sandy fossiliferous limestone..... 4' 6"
- No. 13 Massive red monumental sandstone; strongly cross-
bedded (eolian type). Some irregular developments
of gray. This member gives rise to the conspicuous
erosional forms in the vicinity of Red Buttes station 80'

- No. 12 Gray massive fossiliferous limestone. The gray ground mass is specked with fragments of crinoid stems and small fusilinas. The contacts are poorly exposed.. 9'
- No. 11 Massive brick red sandstone poorly exposed..... 19' 6"
- No. 10 Reddish purple to gray fossiliferous limestone, slightly sandy in the lower few inches. This limestone has a peculiar columnar appearance on vertical sections due to irregular cylindrical tubes filled with sand..... 5'
- No. 9 Massive deep red sandstone, similar to bed No. 8 below. The contact with the next succeeding bed is abrupt and regular..... 36' 6"
- No. 8 Fine-grained salmon pink conglomerate. The lower contact is sharp while the upper is transitiona.... 10'
- No. 7 Deep red sandstone. The contact of this member with the underlying sand is irregular with a thin layer of red shale separating the two beds. Some irregular layers of arkose conglomerate are developed in the lower few feet. The lower portion is torrentially cross-bedded which passes higher up into the eolian type. This bed differs from the next below by the constancy of its deep red color and more resistant character..... 45'
- No. 6 Massive pink, red and gray sandstone, with an occasional thin layer of coarser material. The contact with the underlying arkose is visible for several hundred feet and is seen to be irregular. A sandstone dike 2" wide cuts normal to the bedding planes from a part 14'

- above the base to a point two feet above the base.
- It is quite irregular and a portion of the material is coarser than the adjacent sandstone..... 62'
- No. 5 Arkose conglomerate extremely variable in color and texture. Large pebbles (6 to 7 cm. in diameter) and more abundant in lower half. Colors gray, pink, and buff. Numerous irregular bands of fine-grained buff sandstone and limestone nodules in upper 4'... 24'
- No. 4 Variably colored massive fine-grained sandstone. Gray predominates with bright red, pink and orange in lesser amounts. Eolian cross-bedding thruout... 10'
- No. 3 Gray arkose conglomerate, some thin red streaks.... 1' 4"
- No. 2 Brilliant red sandstone; lower contact not exposed. 8"-10"
- No. 1 Drift-covered internal. The cliff covering is such as to indicate arkose conglomerate beneath..... 30'
- Note: Lower 170' concealed.

Pre-Cambrian:

Coarse-grained pink granite.