

LEGEND

SEDIMENTARY ROCKS

(Areas of unconsolidated deposits are shown by patterns of parallel lines, sandstone deposits by patterns of dots and circles)

- Alluvium (fine sand and gravel deposited in Sheyenne and James valleys chiefly during glacial time)
- Talus slopes of drift (in Sheyenne and James valleys)
- Glacial stream deposits (covering channels heading to terminal moraines)
- Lower terrace deposits of Sheyenne and James river systems
- Highest terrace deposits of Sheyenne River
- Stratified sand and gravel of Sand Prairie glacial lake
- Approximate shore line of Sand Prairie glacial lake
- Boulder deposits (chiefly boulders of crystalline rocks scattered over the surface of lake beds and stream gravels)
- Outwash plains (stratified sand and gravel covering hills)
- Kames (low hills of stratified sand and gravel)
- Subdued terminal moraines (low drift hills, chiefly terminal moraines)
- Terminal moraines
- Ground moraine (all sheet)

QUATERNARY

CRETACEOUS

- Pierre shale (on north slope covered by drift Kpd)

Henry Gannett, Chief Topographer.
 Jno. H. Renshaw, Topographer in charge.
 Control by Geo. T. Hawkins and H. L. Baldwin, Jr.
 Topography by Van H. Manning.
 Surveyed in 1893-94.

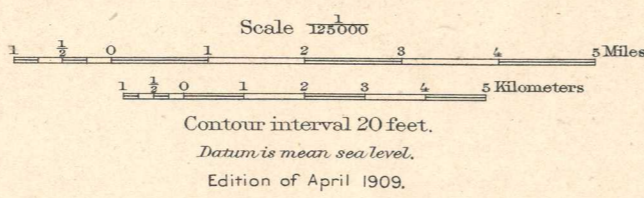


DIAGRAM OF TOWNSHIP

6	9	12	15
7	10	13	16
8	11	14	17
9	12	15	18
10	13	16	19
11	14	17	20
12	15	18	21
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21	24	27	30

Geology by Daniel E. Willard,
 under the supervision of N. H. Darton.
 Surveyed in 1903 and 1904.