

LEGEND
(continued)

IGNEOUS ROCKS

SHEET SYMBOL SECTION SYMBOL



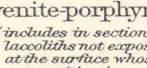
Phonolite



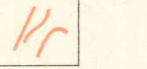
Bostonite



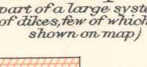
Monzonite and syenite porphyries



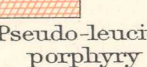
Dikes and sheets of various composition



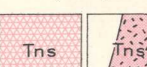
Pseudo-leucite porphyry



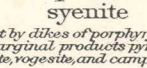
Nepheline syenite



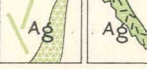
Granite and pegmatite



Amphibolite-schist



Faults



Strikes and dip of stratified rocks

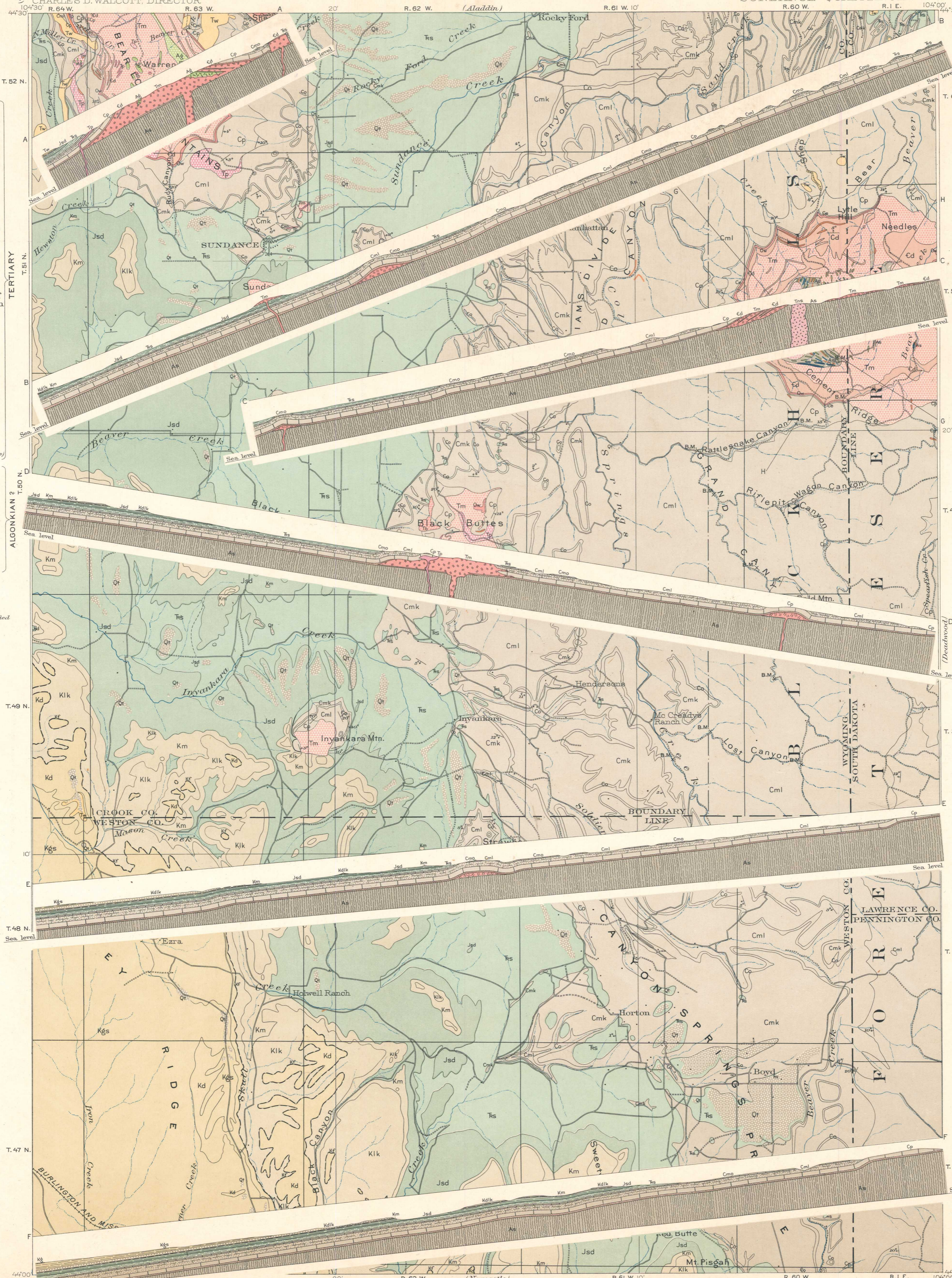


Sections CG and III are shown in the text

Metamorphic

1/2° Strike and dip of stratified rocks

Sections CG and III are shown in the text

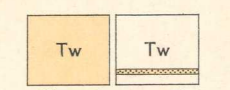


SEDIMENTARY ROCKS

SHEET SYMBOL SECTION SYMBOL

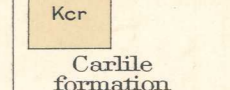


Older terrace deposits (gravel and loam)

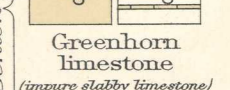


Sand, gravel, and conglomerate (possibly of White River age)

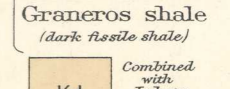
UNCONFORMITY



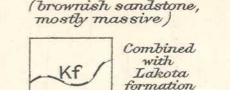
Carille formation (gray shale and thin sandstone)



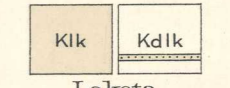
Greenhorn limestone (fine-grained shaly limestone)



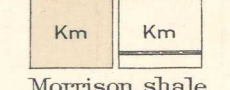
Graneros shale (dark shaly shale)



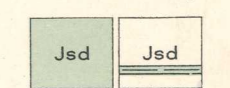
Dakota sandstone (brownish sandstone, mostly massive)



Fuson formation (shale and sandstone)

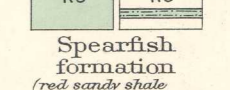


Lakota sandstone (massive buff sandstone with coal beds locally near base)

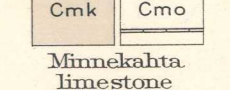


Morrison shale (massive sandy shale, gray, greenish, and brown)

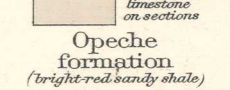
UNCONFORMITY?



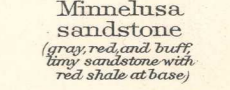
Sundance formation (buff sandstone and red and greenish-gray shale)



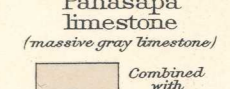
Spearfish formation (red sandy shale with beds of gypsum and sand)



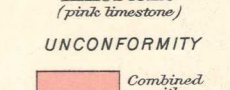
Minnekahta limestone (very thin bedded gray limestone)



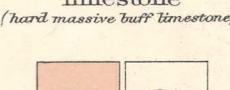
Opeche formation (bright red sandy shale)



Minnelusa sandstone (gray red and buff fine sandstone with red shale at base)

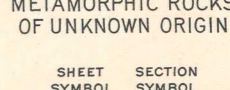


Pahasapa limestone (massive gray limestone)

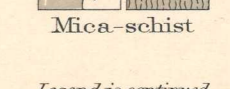


Englewood limestone (pink limestone)

UNCONFORMITY



Whitewood limestone (hard massive buff limestone)



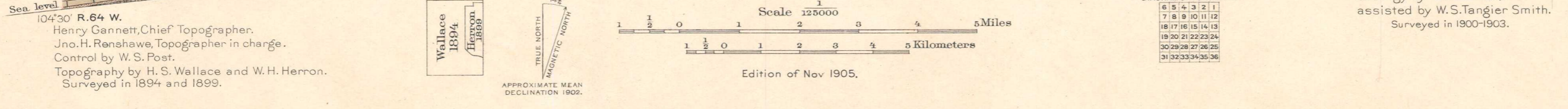
Deadwood formation (brown sandstone and sandy shale)

METAMORPHIC ROCKS OF UNKNOWN ORIGIN



Mica-schist

Legend is continued on the left margin.



Scale 1:25000
Edition of Nov. 1905.
Geology by N.H. Darton, assisted by W.S. Tangier Smith. Surveyed in 1900-1903.