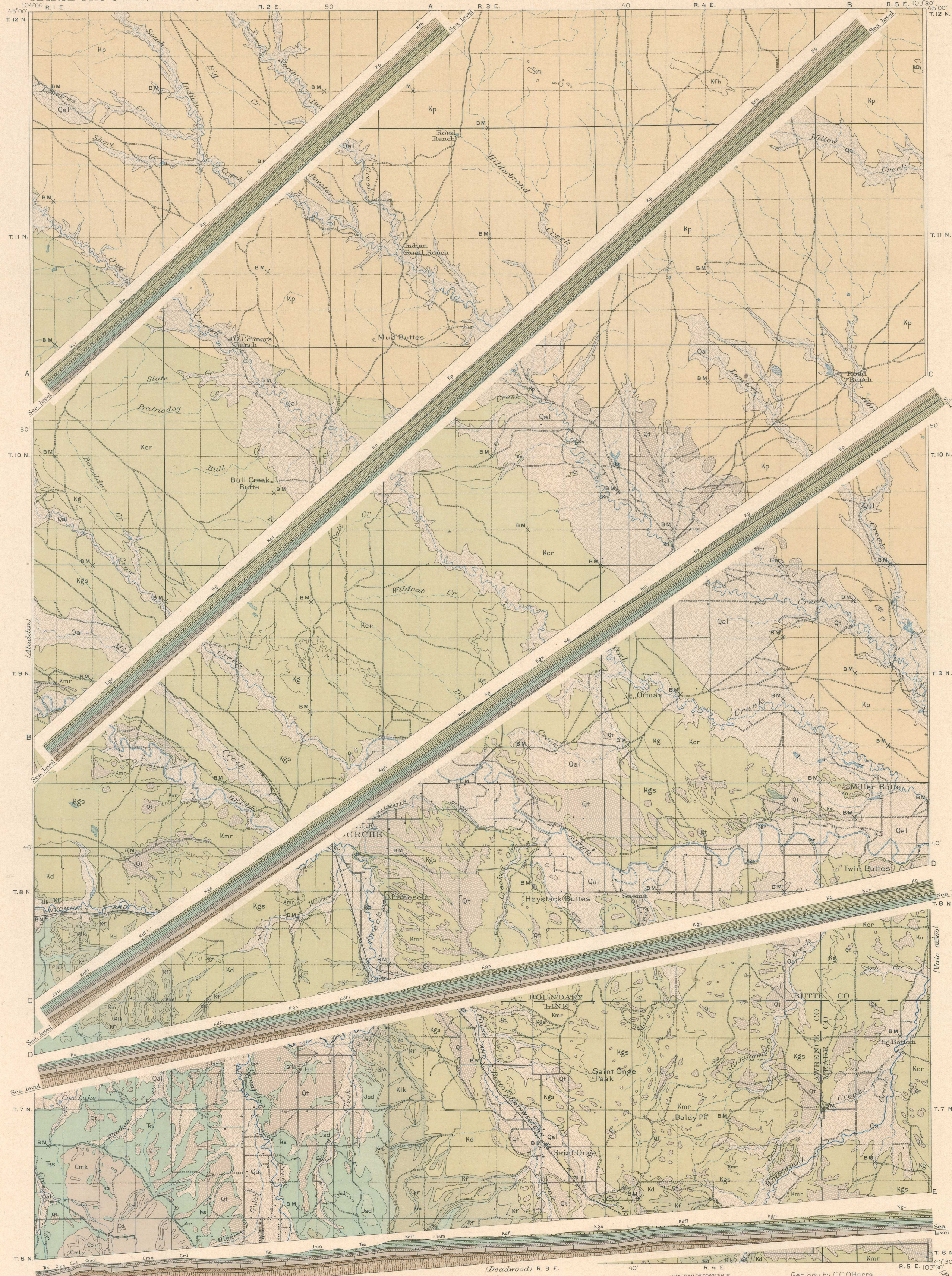


STRUCTURE SECTIONS



LEGEND

SEDIMENTARY ROCKS		
SHEET SYMBOL	SECTION SYMBOL	
Qal	Qal	Recent
Alluvium (sand and loam, only the larger deposits represented)		
Qr	Qr	Pleistocene
Older terrace deposits (gravel and loam)		
Kfh	Kfh	QUATERNARY
Fox Hills? sandstone (buff massive to stably sandstone)		
Kp	Kp	Upper Cretaceous
Pierre shale (dark-gray shale with concretions and limestone lenses that form types buttes)		
Kn	Kn	Cretaceous
Niobrara formation (limy shale and impure shale)		
Kcr	Kcr	Benton, group
Carlisle shale (gray shale with concretions and thin sandstones)		
Kg	Kg	Cretaceous
Greenhorn limestone (impure stably limestone)		
Kgs	Kgs	Cretaceous
Grameros shale (gray to black shale with lower member Kmr; composed of hard gray shale)		
Kd	Kd	Lower Cretaceous
Dakota sandstone (brownish sandstone, mostly massive)		
Kf	Kf	Cretaceous
Fisron formation (shale and sandstone)		
Klk	Klk	Cretaceous
Lakota sandstone (massive buff sandstone)		
Km	Km	Cretaceous or Jurassic
Morrison shale (massive sandy shale, gray, greenish, and maroon)		
Jsd	Jsd	Jurassic
Sundance formation (buff sandstone, greenish-gray shale, and reddish sandy shale, buff and white sandstone probably Triassic in age)		
Trs	Trs	Triassic?
Spearfish formation (red sandy shale with beds of gypsum, the Red Beds)		
Cmk	Cmk	Carboniferous
Minnelkaha limestone (thin-bedded gray limestone)		
Co	Co	Carboniferous
Opeche formation (red sandy shale and red sandstone)		
Cml	Cml	Pennsylvanian
Minnelusa sandstone (gray to buff sandstone)		
		Carboniferous
Pahasapa and Englewood limestones		
		Ordovician
Whitewood limestone		
		Cambrian
Deadwood formation		
		Algonkian?
Schist		

E. M. Douglas, Geographer.  
 W. H. Herron, in charge of section.  
 Topography by W. H. Herron, Chester Irvine,  
 J. E. Blackburn, S. P. Floore, and R. M. La Follette.  
 Triangulation by A. E. Dunington and R. B. Robertson.  
 Surveyed in 1903-1906.

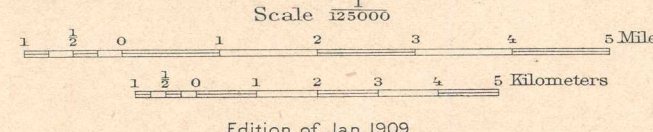


DIAGRAM OF TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

Geology by C. C. Harris,  
 under the supervision of N. H. Darton.  
 Surveyed in 1906.