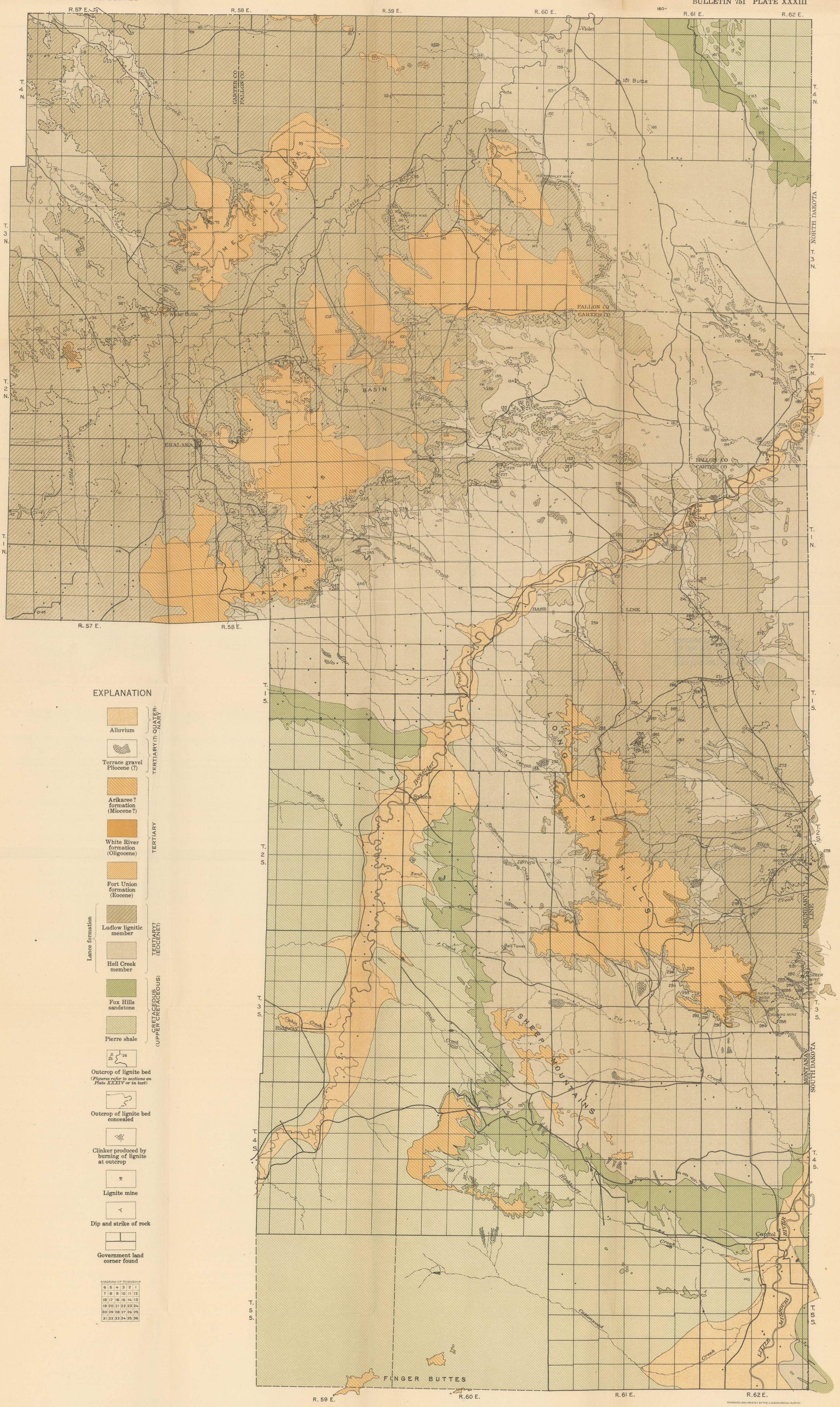

EXPLANATION

- Alluvium — QUATERNARY
- Terrace gravel Pliocene (?) — TERTIARY (?)
- Arikaree ? formation (Miocene ?) — TERTIARY
- White River formation (Oligocene) — TERTIARY
- Fort Union formation (Eocene) — TERTIARY
- Lance formation: Ludlow lignitic member — TERTIARY? (EOCENE?)
- Lance formation: Hell Creek member — TERTIARY? (EOCENE?)
- Fox Hills sandstone — CRETACEOUS (UPPER CRETACEOUS)
- Pierre shale — CRETACEOUS (UPPER CRETACEOUS)
- Outcrop of lignite bed (*Figures refer to sections on Plate XXXIV or in text*)
- Outcrop of lignite bed concealed
- Clinker produced by burning of lignite at outcrop
- Lignite mine
- Dip and strike of rock
- Government land corner found

DIAGRAM OF TOWNSHIP

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

GEOLOGIC MAP OF THE PORTION OF THE EKALAKA LIGNITE FIELD, MONTANA, STUDIED IN DETAIL

Scale $\frac{1}{125,000}$

0 1 2 3 4 5 6 7 8 9 10 Miles

1924