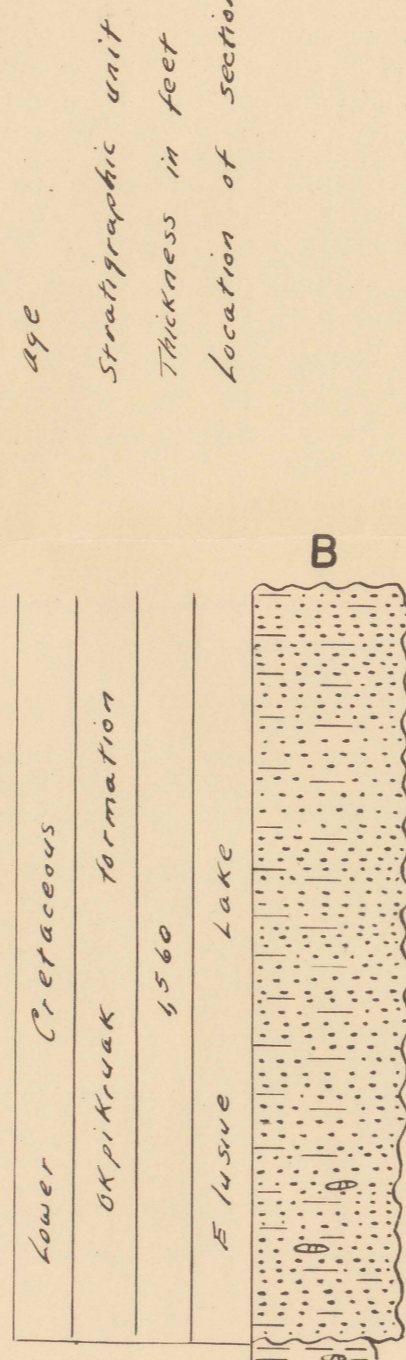


Typical Torok sandstone, medium gray to green, argillaceous, fine to medium grained, black and green chert granules.

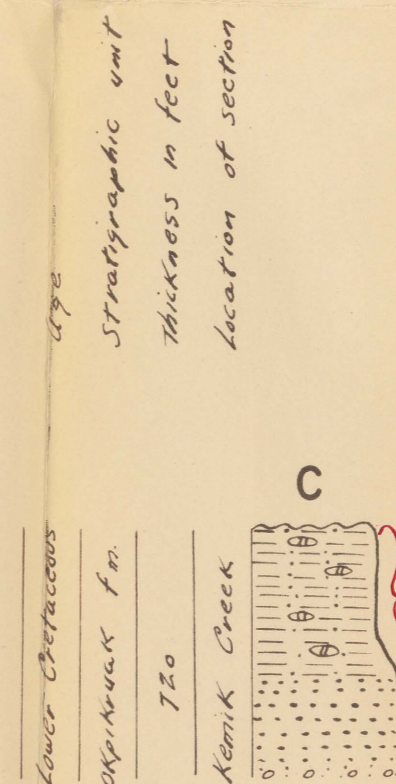
Typical dirty graywacke sequence of cyclically bedded sandstone, siltstone and silt shale. The sandstone is for the most part a fine grained argillaceous noncalcareous dark gray rock type, in beds of from 1 inch to 3 feet. Conglomerate lenses of black and green chert granules and pebbles ranging from granule size to pebbles 2 inches in diameter, mostly well rounded, conglomerate lenses rapidly weather to silt shale. The siltstone is approximately 50% of the section. Dark gray, dirty, hackly fracture locally to paper thin bedding appearance. The shale contains a few pyritic nodules and a few limestone concretions. The sandstone and siltstone forms a cyclic sequence with the sandstone beds ranging from 1/2 inch to 1 foot and the siltstone beds from 1 inch - 6 inches. Both sandstone and siltstone occur in beds up to 15 feet thick.



Cyclically bedded, uniform section. Interbedded hard, dense, medium gray, siliceous siltstone and sandstone, dark blue, gray, siliceous very fine noncalcareous, and fine to medium grained gray, green, sandstone. Massively bedded siltstone in beds of several inches to a foot, interbedded with somewhat thicker sandstone beds.

Section essentially the same as that described above. Siderite-calcite coated, ferruginous weathering non-dim base.

Jurassic hackly shales, and siderite coated siltstone concretions.



Stake 23 Mes loc. 22757
Aucella okensis Paulow
"subokensis"
Aucella ot unctoides Paulow

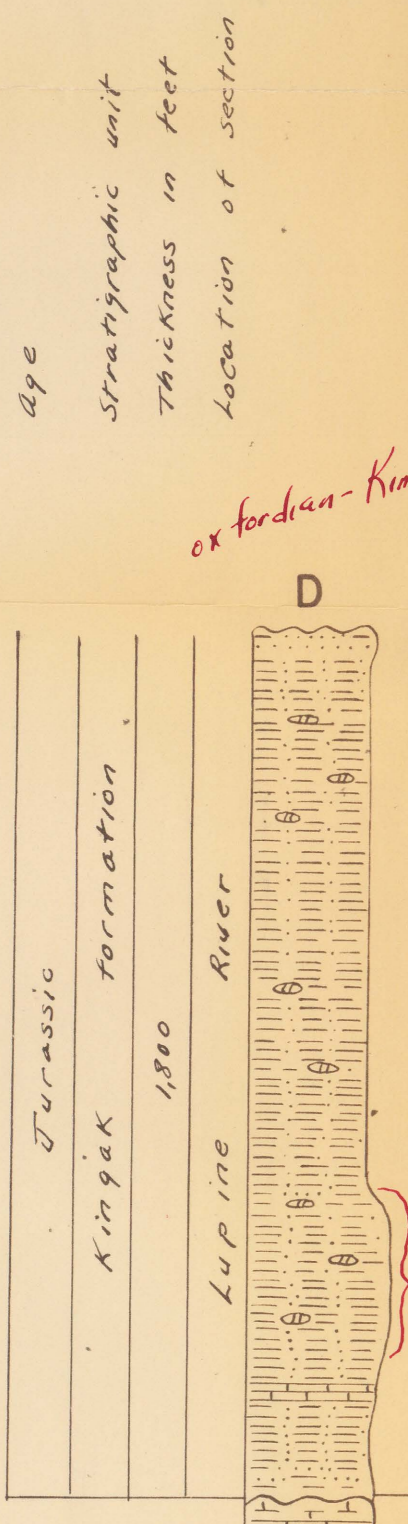
Macrofossils

Macrofossils

Aucella okensis
Aucella sp.
undent
bistriated

Nodular clay to platy silt shale, concretionally white, silt, efflorescent on surfaces. Lenses of black to dark gray siliceous locally limy siltstone bedded on bedding planes. Siltstone to fine metal blue weathering pyritization with shaly strigose sandstone, fine grained, sugary textured (fine gray ferruginous weathering slightly argillaceous, limonitic nodules, bit conglomerate locally near base.

COLUMNAR SECTIONS OF CRETACEOUS ROCKS
OKPIKRUAK FORMATION



Dark hackly silt shales with large spherical siltstone lenses with flow structure surfaces, siderite and calcite coated.

Dark hackly silt shales, siltstone lenses, siderite and calcite coated, section weathers pronounced metallic-blue.

Aucella bronni
Aucella sp. *rugosa*

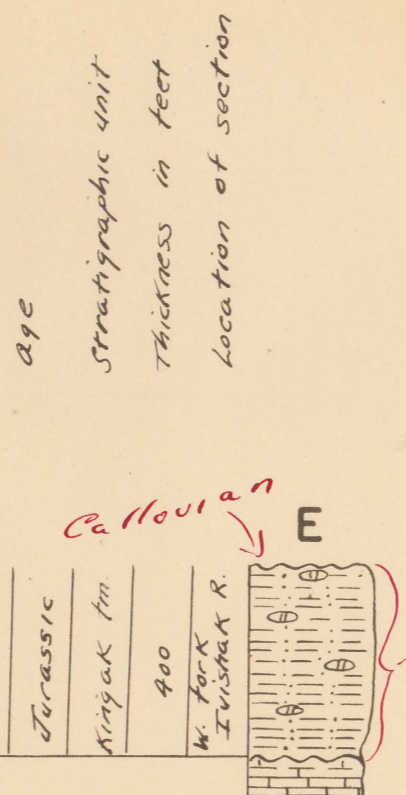
Stake 154 Mes loc. 22767
Aucella bronni
Aucella mosquensis
" *rugosa*

Fissile, platy to hackly silt shale, metal blue to yellowish, siltstone concretionary, pyritization, siderite coated, prismatic calcite breaks down in pencil fracture.

Undent
Ammonites
Undent
Belemnite

Limestone, platy, dark gray.

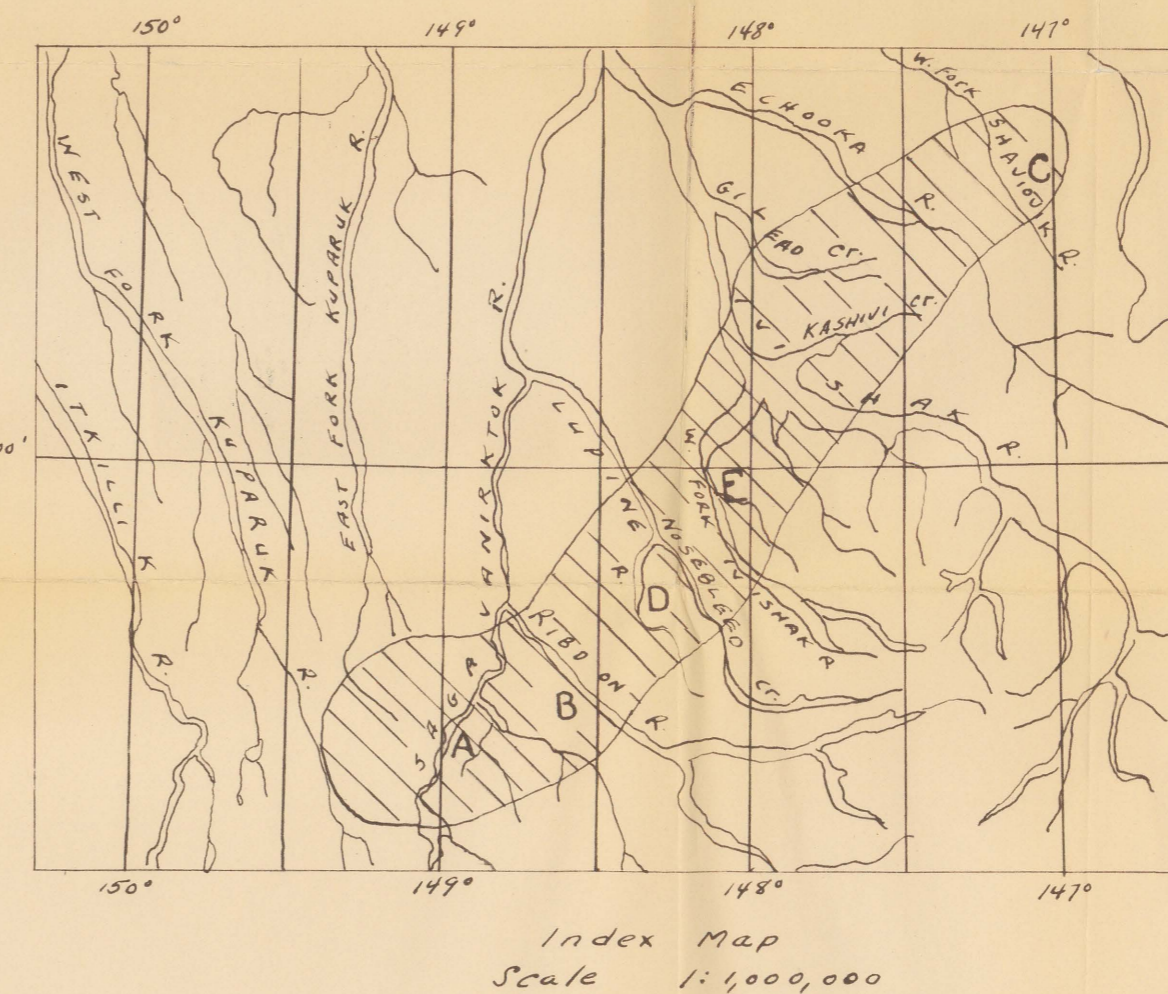
undconformity
Triassic limestone and black calcareous shale.



Stake 134 Mes loc. 22745
Boudoceras growingkii (Pompek)
Stake 115 Mes loc. 22764
Rhyconellid
Inoceramus

Aucella sp.
Undent
Belemnite
Ammonites

Silt shale section with interbeds and lenses of very hard, dense siltstone, both shale and siltstone, noncalcareous. Shale weathering rust brown. Hackly fracture in shale, well developed pyrite cubes and pyritization of fossils. White salt efflorescence on many of the shales.



- Explanation
- Sandstone
 - Conglomerate
 - Siltstone
 - Shale
 - Silt shale
 - Limestone
 - Concretions
 - Limy shale

(200)
N22 opp
no. 36
plate 4

Scale 1 inch = 400 feet

CORRELATED COLUMNAR SECTIONS OF JURASSIC ROCKS
KINGAK FORMATION

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME