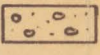
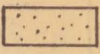
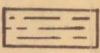
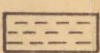
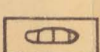
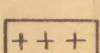
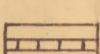


(2000)
No. 39
Plate 3

Driftwood Creek

Colville River

EXPLANATION

-  Conglomerate
-  Sandstone and siltstone
-  Clay shale
-  Siltshale
-  Concretions
-  Bentonite
-  Limestone

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Torok-lower siltstone shale unit
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Torok - conglomerate unit
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Zone A
300'+

Shale, dark gray, gray-green with coquinoïd limestone lenses. Coquinoïd limestone, green-gray to light gray, weathering gray-red to brown. Chert granules. *Aucellina* sp. abundant. Shale, dark gray, fissile, dense limestone concretions and chert lenses.

Sandstone, conglomerate, siltstone, siltshale, subgraywacke types. Sandstone & conglomerate 40-70% of unit, green-gray, dark olive-gray, medium dark gray, weathers light olive-gray to light brown, calcareous. Lensing beds 1-30 feet thick, blocky to massive. Granules and pebbles, subround to subangular, black, green, gray chert and white quartz; shale chips, carbonaceous material. Mud flow markings, cross-bedding, graded bedding. Siltshale, dark gray to medium dark gray, platy to nodular beds 1/2 to 15 feet thick, slightly calcareous. Lenses of dark gray, light brown to cream weathering silty limestone in the sandstone and shale zones. Sequence is correlative, in part, with the Torok upper siltstone-shale unit.

Appears to grade upward into conglomerate unit

Sandstone, siltstone & shale. Sandstone and siltstone medium gray to dark gray, micaceous, dirty, very fine grain, soft. Exhibits graded bedding. A few green-gray sandstone beds in upper part.

Shale & siltstone. Clay shale and silt shale 40-60%, gray-black, fissile to platy, non-calcareous, contains pyrite nodules, beds 6 inches to 15 feet thick. Siltstone 40-60%, dark gray to black, platy, highly micaceous, non-calcareous, dense, beds 4 inches to 12 feet thick, usually less than one foot. Weathers olive-gray to purplish. Fucoidal and mud-flow markings, small ripple marks, pyrite nodules, worm trails and plant fragments. Unidentifiable pelecypods. Cyclic bedding. Unit coarsens southward to medium gray sandstone and shale.

Shale, clay size, maroon, gray-green, dark gray.

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Torok - upper siltstone shale unit
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Zone A
300'

Clay shale, siltstone. Shale 80%, medium dark gray, some greenish, nodular to platy, calcareous, muddy (bentonitic?), beds to one foot thick. Siltstone, medium gray & olive-gray, cross-bedded, calcareous, beds to 2 inches thick. Few thin beds very fine-grain sandstone, medium gray, weathers yellow-orange. Float of bentonitic mud, cone-in-cone concretions. Light gray limestone, dark gray ironstone, maroon and gray-green clay shale.

Ammonite

Siltstone, sandstone, shale. Siltstone & very fine to fine grain sandstone 40-70%, medium gray to olive-gray, weathers light olive-gray to light brown, highly calcareous, 'dirty', cross-bedded to laminated, blocky to massive beds 6 inches to 75 feet thick, moderately micaceous and carbonaceous, moderately indurated. Prominent fucoidal markings, mud flow markings, scour marks, worm trails, shale chips. Occasional lenses of granule to pebble chert conglomerate. Interbedded siltshale & clay shale, medium dark gray to dark gray, nodular to platy, similar to zone A shales.

Local lenses of green-gray granule & pebble conglomerate, constituents of gray, black and green-gray chert.

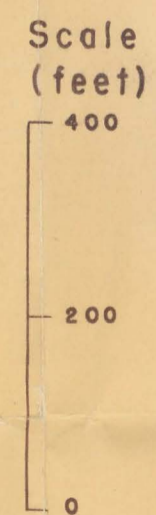
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Zone A shale unit
6000'
Zones B-C
200'+

Sandstone and shale. Sandstone medium gray, fine grain, weathers yellow brown, flaggy to blocky partings 1/8 to 1/4 inches thick, calcareous, massive cross-bedding, shale chips, wood fragments, thin conglomerate lenses. Pelecypods of *Protocardium* & *Unio* types.

Gradational contact

Sandstone lenses to 50 feet thick. Sandstone medium gray, fine grain, weathers yellow-brown, calcareous, flaggy to massive, cross-bedded. Resemble Nanushuk group sandstones.

Clay shale, siltshale, siltstone. Shale 80%, medium to dark olive gray, nodular to blocky, laminated, rhythmic bedding appearance, calcareous, partings 1/8 to 2 inches thick, non-resistant unit. Interbedded siltstone & very fine grain sandstone, medium gray to olive-gray, calcareous, beds to 2 feet thick. Local concentrations of coaly material & thin, dark gray silty limestone lenses. Monotonously regular sequence.



GENERALIZED COLUMNAR SECTIONS OF CRETACEOUS ROCKS
TOROK FORMATION AND NANUSHUK GROUP

Compiled 1951
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