

LEGEND

- Conglomerate
- Sandstone
- Mudstone
- Shale
- Siltstone & shale
- Sandstone & shale
- Coal & coaly shale
- Shale with sulphate (S), bentonite (B), ironstone nodules (I)
- Pebbly mudstone
- Calcareous mudstone, limestone
- Bedded ironstone & shale

I.O.E. Blow River YT E-47
 Lat. 68° 46' 20" N
 Long. 137° 27' 13" W
 K.R. elev. 384'
 T.D. 14,000'

Eagle Creek
 Lat. 68° 42' 00" N
 Long. 136° 32' W

Aklak Creek
 Lat. 68° 39' 50" N
 Long. 136° 22' W

Fish River
 Lat. 68° 32' 00" N
 Long. 136° 10' W

Deep Creek Station
 Lat. 68° 51' 00" N
 Long. 137° 58' 00" W

15 miles

13 miles

11 miles

7 miles

7 miles

2.6 miles

36 miles

30 miles

PETROGRAPHIC SUMMARY

• denotes analyzed thin section

Aklak sandstones:
 (1) chert & illicite grains generally abundant
 decrease in quartz:illicite ratio

carbonate particles present in sandstones

feldspar and volcanic fragments common in sandstones

Little Fish Creek (Cuesta Creek)
 Lat. 68° 31' N Long. 136° 12' W

Cuesta Creek sandstones:
 (1) much less feldspar than Moose Channel set. in same section;
 (2) chert & illicite contents > 45%;
 (3) volcanic (mostly 45%)

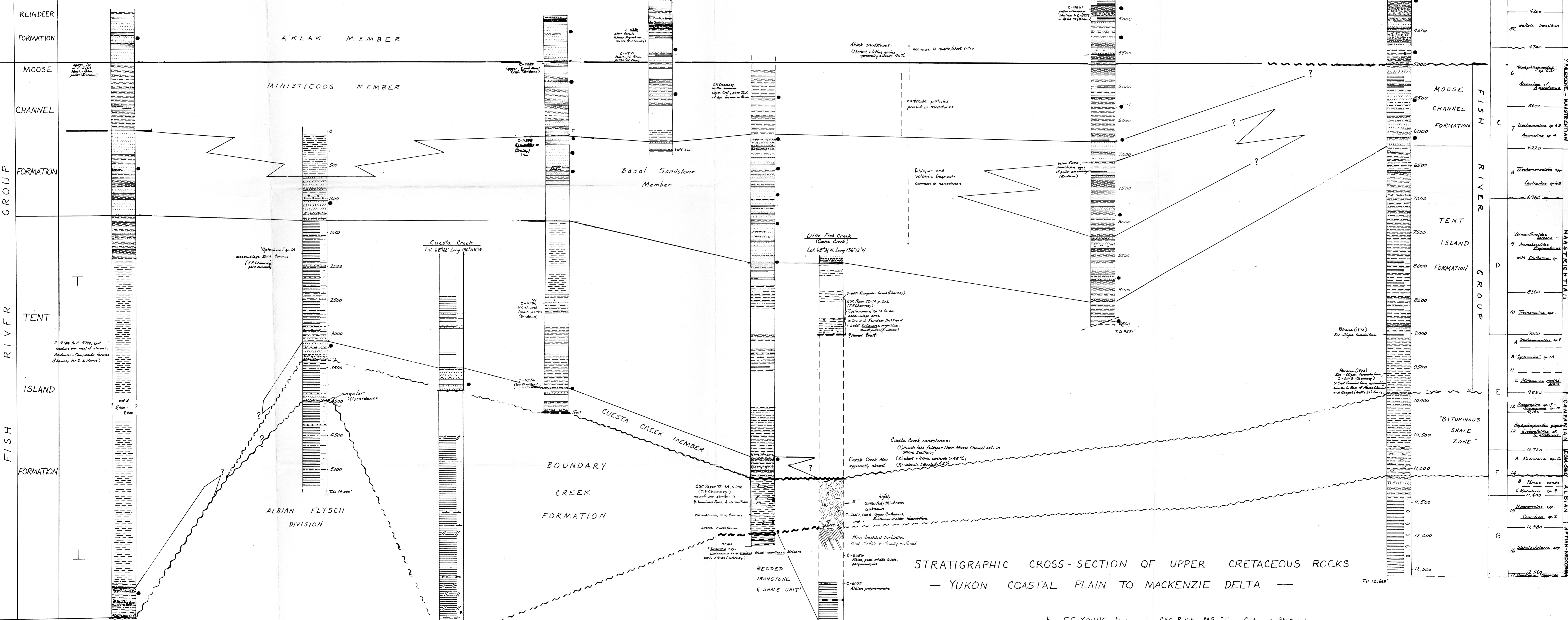
highly conchoidal thickness common
 C-1057 (Cuesta Creek)
 Siltstone of older formation
 sparse microfossils
 thin-bedded turbidites and siltites vertically inclined

C-1056
 Alkan. fine, middle to thick, polymorphic

C-1055
 Alkan. polymorphic

STRATIGRAPHIC CROSS-SECTION OF UPPER CRETACEOUS ROCKS
 - YUKON COASTAL PLAIN TO MACKENZIE DELTA -

by F.G. YOUNG, to accompany GSC Bulletin MS. "Upper Cretaceous Stratigraphy of Yukon Coastal Plain to Mackenzie Delta"



STAGE	FORMATION	MEMBER	AGE
TERTIARY	REINDEER FORMATION	2	Ostracods & Chert
		3	Rounded transition with Cyclopora
		4	derived forms
		4	reversed sequence
UPPER CRETACEOUS	FISH RIVER GROUP	5A	Radiolaria - spherical & discoidal
		5B	Hypoceras sp. C
		5C	delic. transition
		6	Handleyella sp. 102
		7	Trochammina sp. 61
		8	Trochammina sp. 68
		9	Veruculites, Trochammina with Calymene sp.
		10	Trochammina sp.
		11	Trochammina sp. 11
		12	Trochammina sp. 12
LOWER CRETACEOUS	ALBIAN	13	Bituminous shale
		14	Alkan. fine, middle to thick, polymorphic
		15	Alkan. fine, middle to thick, polymorphic
		16	Siltstone
		17	Siltstone

UNEDITED MANUSCRIPT

