DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT 83-779
PLATE 2 OF 5

STRATIGRAPHIC COLUMNS FIGS. 3-21

AUTOCHTHONOUS & PARAUTOCHTHONOUS ROCKS

ALLOCHTHON 1

ALLOCHTHON 2

ALLOCHTHON 3

ALLOCHTHON 4

ALLOCHTHON 5

ALLOCHTHON 6

ALLOCHTHON 7

CRETACEOUS

JURASSIC

MISSISSIPPIAN

DEVONIAN

EXPLANATION FOR FIGURES 3-21

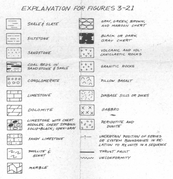


FIGURE 3

SCHWATKA SEQUENCE

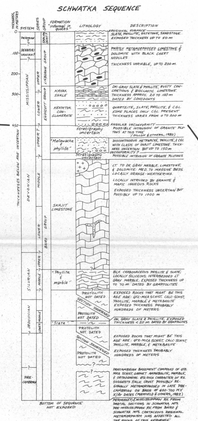


FIGURE 4

ROCKS UNDER THE COLVILLE BASIN

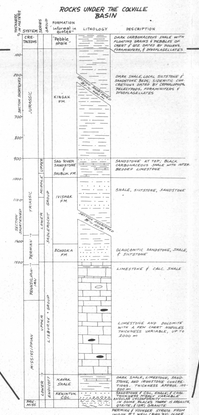


FIGURE 5

IVOTUK SEQUENCE (ALLOCHTHON 1)

FIGURE 6

KEY CREEK SEQUENCE (ALLOCHTHON 1)

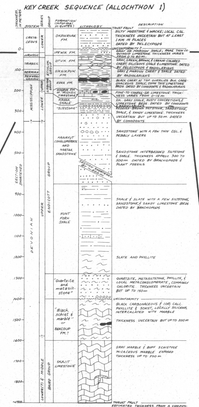


FIGURE 7

LISBURNE HILLS SEQUENCE (ALLOCHTHON 1)

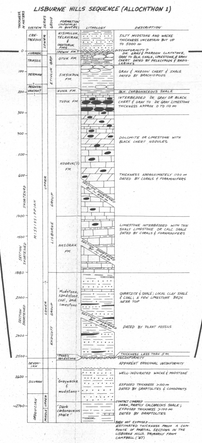


FIGURE 8

AMARUK SEQUENCE (ALLOCHTHON 2)

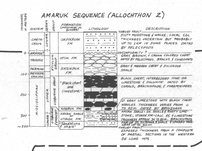


FIGURE 9

WULIK SEQUENCE (ALLOCHTHON 2)

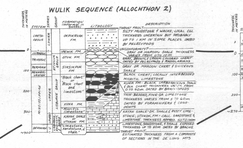


FIGURE 10

PICNIC SEQUENCE (ALLOCHTHON 2)

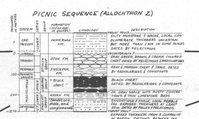


FIGURE 11

NIGU SEQUENCE (ALLOCHTHON 2)

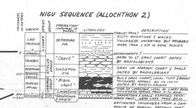


FIGURE 12

AMPHITHEATRE SEQUENCE (ALLOCHTHON 3)

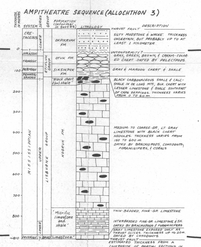


FIGURE 13

KELLY SEQUENCE (ALLOCHTHON 3)

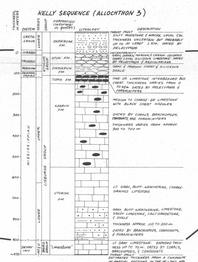


FIGURE 14

ELI SEQUENCE (ALLOCHTHON 3)

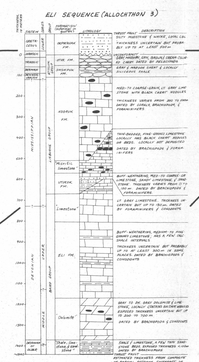


FIGURE 15

NACHALIK PASS SEQUENCE (ALLOCHTHON 4)

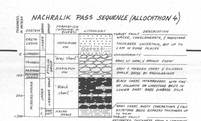


FIGURE 16

PUZZLE CREEK SEQUENCE (ALLOCHTHON 4)

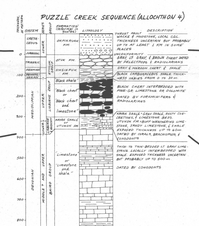


FIGURE 17

IPNAVIK SEQUENCE (ALLOCHTHON 4)

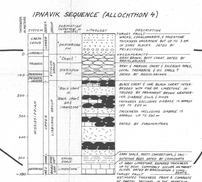


FIGURE 18

BASTILLE SEQUENCE (ALLOCHTHON 5)

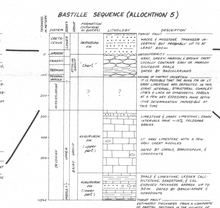


FIGURE 19

BOGIE SEQUENCE (ALLOCHTHON 5)

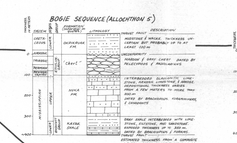


FIGURE 20

COPTER IGNEOUS SEQUENCE (ALLOCHTHON 6)

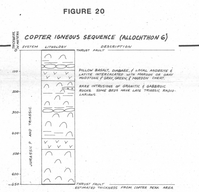
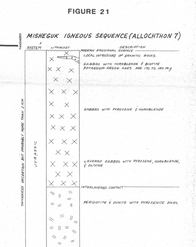


FIGURE 21

MISHEGUK IGNEOUS SEQUENCE (ALLOCHTHON 7)



This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

PLATE 2 COLUMNAR SECTIONS OF WESTERN BROOKS RANGE SEQUENCES