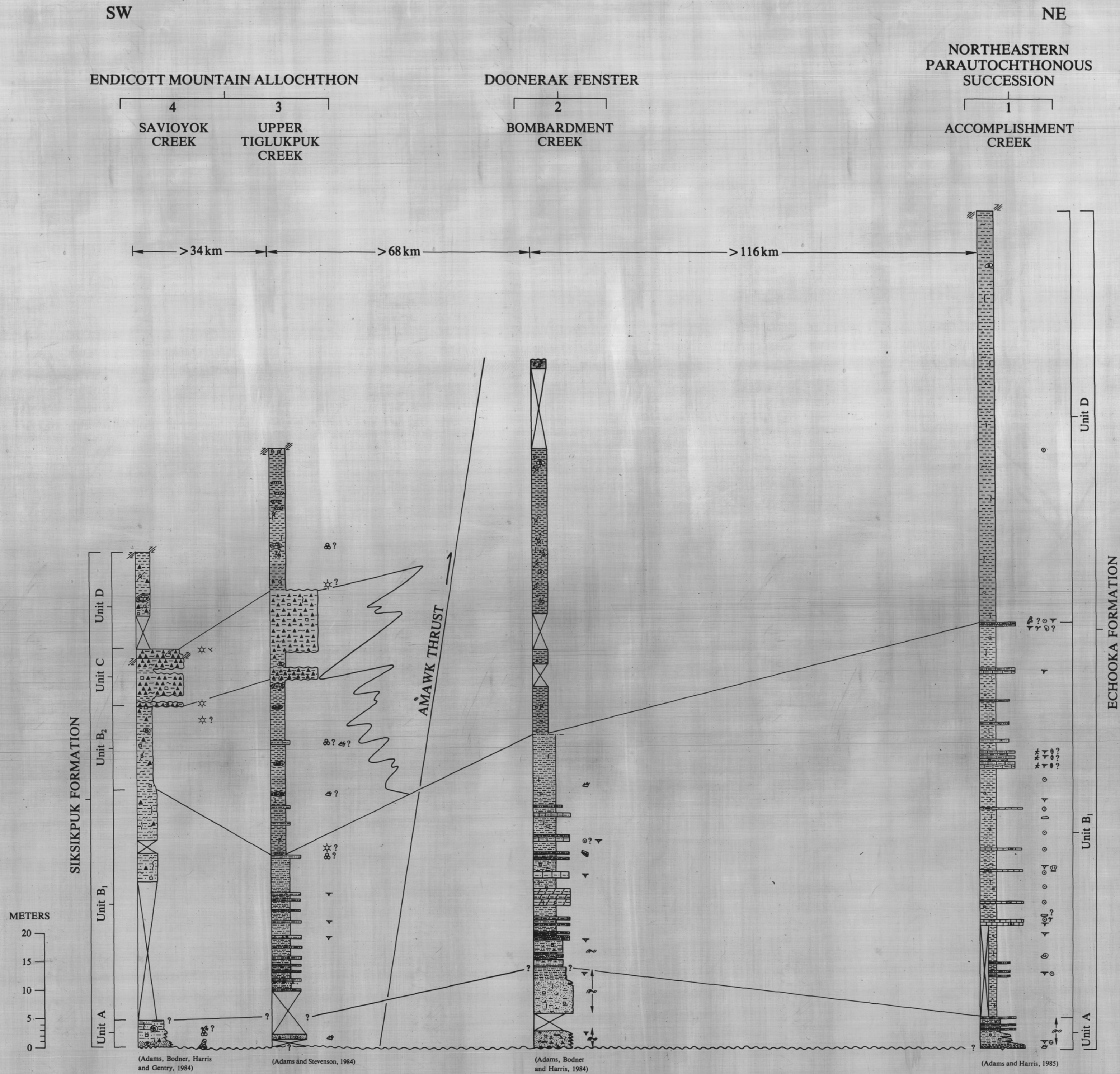




EXPLANATION

ROCK TYPE

Granule conglomerate-Granule metaconglomerate	Carbonate
Silty sandstone-Silty metasandstone	Dolostone
Sandy siltstone-Sandy metasilstone	Silty limestone
Siltstone-Metasilstone	Silty dolostone
Shaley siltstone-Slaley siltstone	Shaley chert-Slaley chert
Silty shale-Silty slate	Siliceous mudstone-Siliceous metamudstone
Shale-Slate-Shaded where dark	Chert

MINERALS

B Barite	Pyrite
Calcite	Quartz
Dolomite	Siderite
Phosphate	

STRUCTURES

Ripple lamination	Vein
Wispy lamination	Fault—Arrows indicate direction of relative movement
Concretion, nodule, or pebble—May be combined with other symbols. Filled where indeterminate	

FOSSILS

Belemnite	Pelecypod
Brachiopod	Radiolarian
Bryozoan	Sponge spicules
Conodont	Helminthopsis
Coral	Ophiomorpha
Crinoid	Rhizocorallium
Echinoderm	Teichichnus
Foraminifera	Zoophycos
Gastropod	Burrow
Ammonite	Ostracode

LITHOSTRATIGRAPHIC CORRELATION OF RESTORED PERMIAN STRATA,
NORTHCENTRAL BROOKS RANGE, ALASKA

