

Appendix IV: Photo log, in Krass, V.A., Vaitl, J.D., and Amoco Oil Co., 1986 Alaska fieldwork, Lisburne Peninsula and western De Long Mountains, Alaska

Krass, V.A., Vaitl, J.D., and Amoco Oil Co.

GMC DATA REPORT 459D

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State of Alaska
Department of Natural Resources
Division of Geological & Geophysical Surveys
GEOLOGIC MATERIALS CENTER



APPENDIX IV

1986 ALASKA FIELD WORK

LISBURNE PENINSULA - WEST BROOKS RANGE

PHOTO LOG





Coastal view north of Cape Dyer.



View of gravel beaches
looking west towards Point Hope.

Aerial view of Point Hope Village.



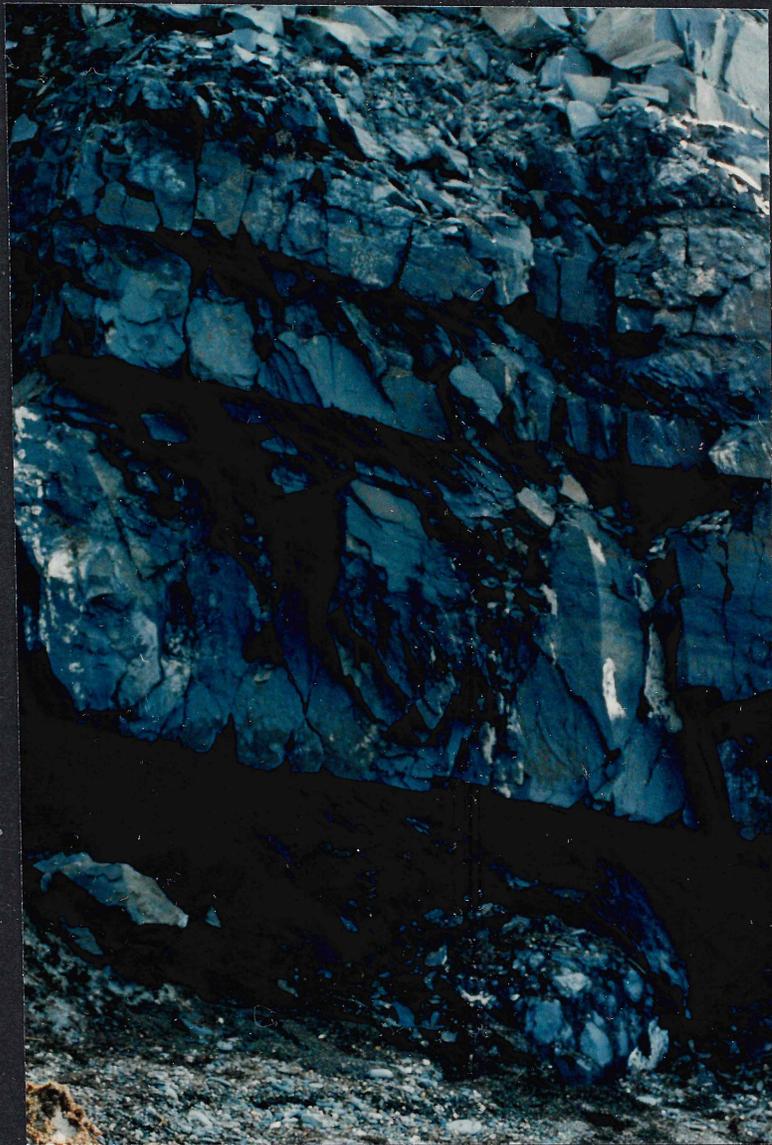
Aerial view of school and houses at
Point Hope Village

Aerial view of hotel and old camp
at Point Hope Village



View of Silurian/Ordovician Cliffs.
Coastline T10S-R61W

1
Silurian/Ordovician clastics with large calcite vein.
T10S-R61W



Silurian/Ordovician graywacke section.

Silurian/Ordovician section showing cleavage at
high angle to bedding. 7/22-11
SW/4 19-T11S-R61W



Cliff of Silurian/Ordovician graywacke and
slope of black shale of uncertain age.
NE/4 33-T9S-R61W



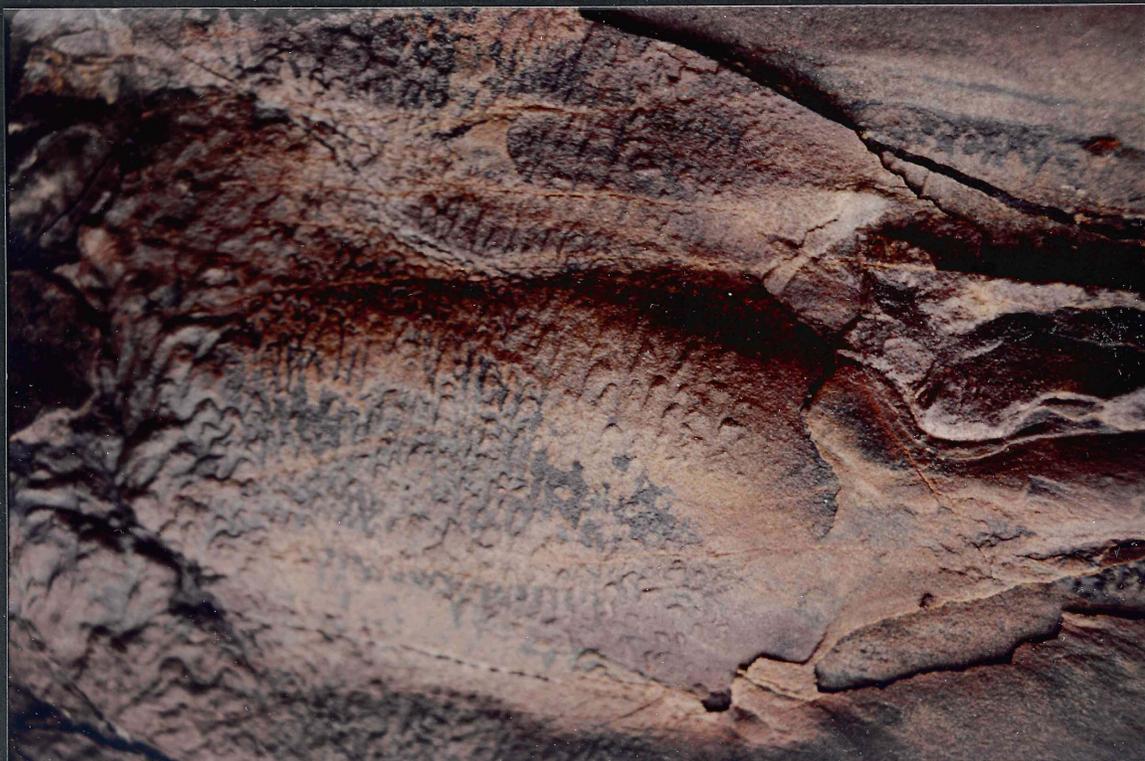
Early Mississippian Endicott Group
sand and shale. 7-19-1
33-T9S-61W

Early Mississippian Endicott Group
sand and shale. 7-19-1
33-T9S-R61W



Early Mississippian Endicott Group
showing upright tree mold. 7-19-1
33-~~R~~9S-R61W
T

MEIKONG
MINE



Endicott Group shale bedding plane
showing large-scale ripples and
small-scale flute structures. 7-19-2
W/2 28-9S-61W

Enlargement of above.



Aerial view of Early Mississippian marine
limestone and shale. 7-17-6
SE/4-27-32N-32W

Folded Early Mississippian marine limestone and shale.



Kogruk Limestone, Mississippian Lisburne Group. 7/21-1
SE/4 6-31N-31W

Mississippian Kogruk Formation, Lisburne Group,
interbedded chert and dolomite. 7-18-11
NE/4 10-33N-30W



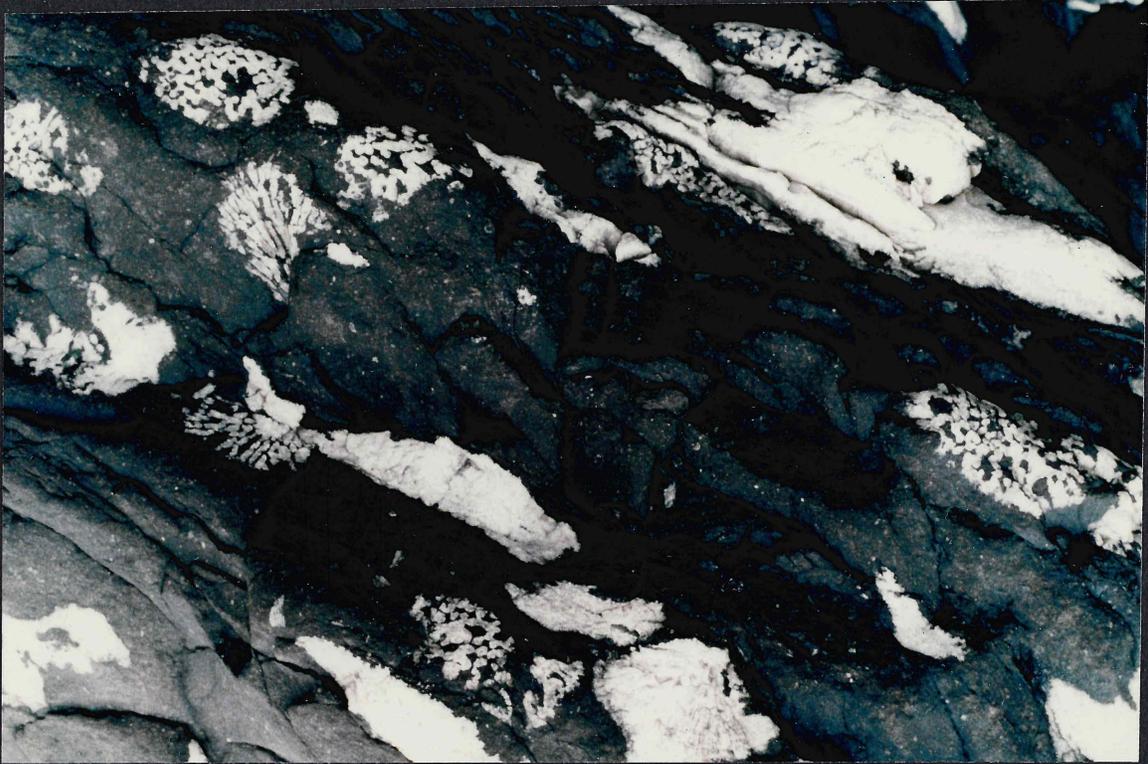
Kogruk Formation, Lisburne Group.
Cross-bedding in finely laminated
crystalline lime dolomite. 7-21-1
SE/4 6-32N-31W

Kogruk Formation, Lisburne Group.
Small scale cross-bedding in finely laminated
crystalline lime dolomite. 7-21-1
SE/4 6-32N-31W



Lisburne Group coral beds. 7/22-2
NW/4 28-7S-60W

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Lisburne Group coral beds. 7/22-2
NW/4 28-7S-60W

Lisburne Group hex coral head. 7/22-2
NW/4 28-7S-60W

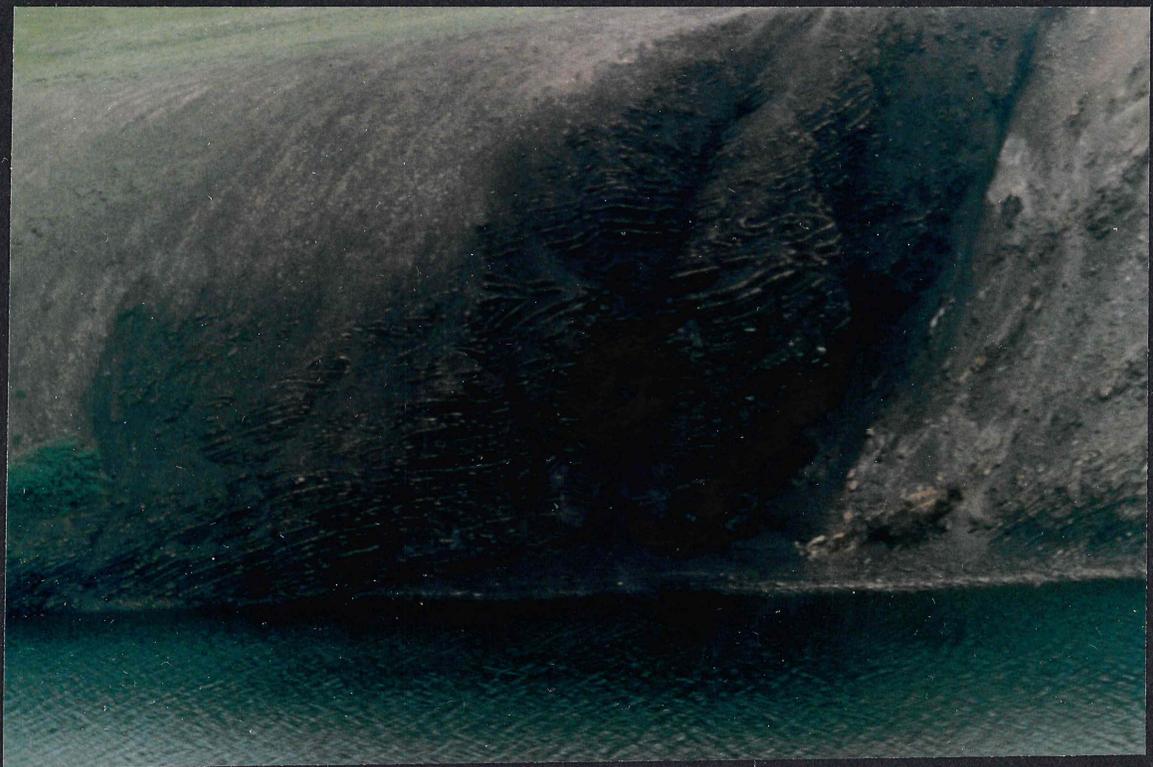


Mississippian Lisburne Group
hex coral head cross-section. 7/22-1
E/2 17,20-7S-60W

Lisburne Kogruk Formation hexagonal coral head. 7/22-1
E/2 17,20-7S-60W



Lisburne Group interbedded limestone and shale. 7/22-1
E/2 17,20-7S-60W

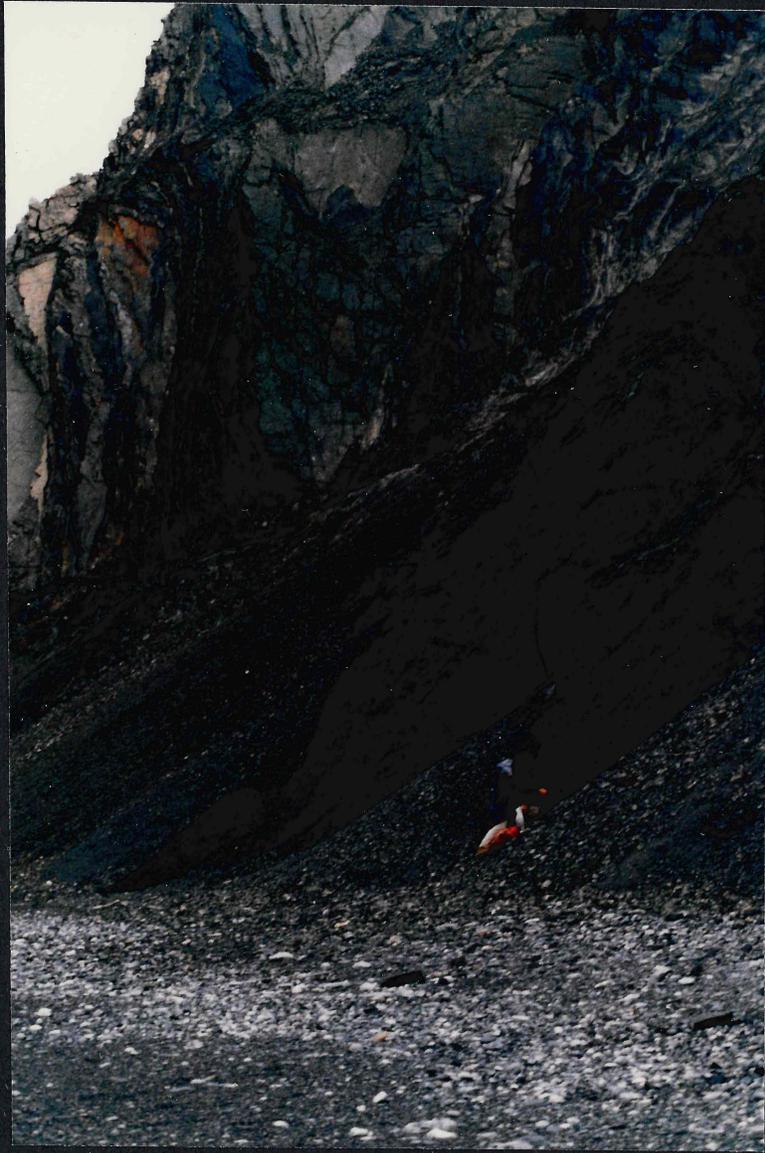


MISSISSIPPIAN NASORAK FORMATION, LISBURNE GROUP,
folded limestone and black shale. 7-18-15
NE/4 18-34N-30W

MISSISSIPPIAN NASORAK FORMATION, LISBURNE GROUP,
folded limestone and black shale. 7-18-15
NE/4 18-34N-30W



Aerial view of Permo-Triassic Agate Rock.
SW/4 T32N, R32W



Agate Rock. View of Triassic shale. 7-17-2
35-32N-32W



Agate Rock. Folds in dark shale and light
siliceous mudstone. Permo-Triassic. 7-17-2
35-32N-32W

Agate Rock. Permo-Triassic lime and
siliceous section. 7-12-2
35-32N-32W



Triassic pelecypod bed.

Agate Rock. Permo-Triassic shale and
chert in tight folds. 7-17-2
35-32N-32W



Permo-Triassic shale. 7/20 lunch stop.
22-7S-59W

Permo-Triassic shale. 7/20 lunch stop.



Permo-Triassic chert, siliceous
mudstone and shale. 7/23-6
NW/4 32-34N-22W



Black shale, carbonaceous, uncertain age.
(? Jurassic or Triassic) 7/21-4
SW/4 18-8S-58W

(?) Early Cretaceous Ogotoruk or
Triassic Shublik soft black shale. 7/20-2
NE/4 8-7S-59W



Early Cretaceous Ogotoruk stream-cut outcrop. 7/18-10
NE/4 12-33N-30W

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Early Cretaceous Ogotoruk sand/shale
turbidite sequence. 7-18-10
NE/4 12-33N-30W

Early Cretaceous Ogotoruk sand/shale
turbidite sequence. 7-18-10
NE/4 12-33N-30W



Early Cretaceous Kisimilok shale,
silt and very fine-grained sandstone. 7-18-4
SW/4 15-31N-30W



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Early Cretaceous turbidite section (?). 7-20-1
5,6-7S-59W

Early Cretaceous turbidite section (?) showing
Brookian faulted folds. 7-20-1
5,6-7S-59W



Large wood fragment in Early Cretaceous
turbidite section (?). 7-20-1
5,6-7S-59W

Early Cretaceous (?) turbidite section
showing tight folds in sand and shale. 7-20-1
5,6-7S-59W



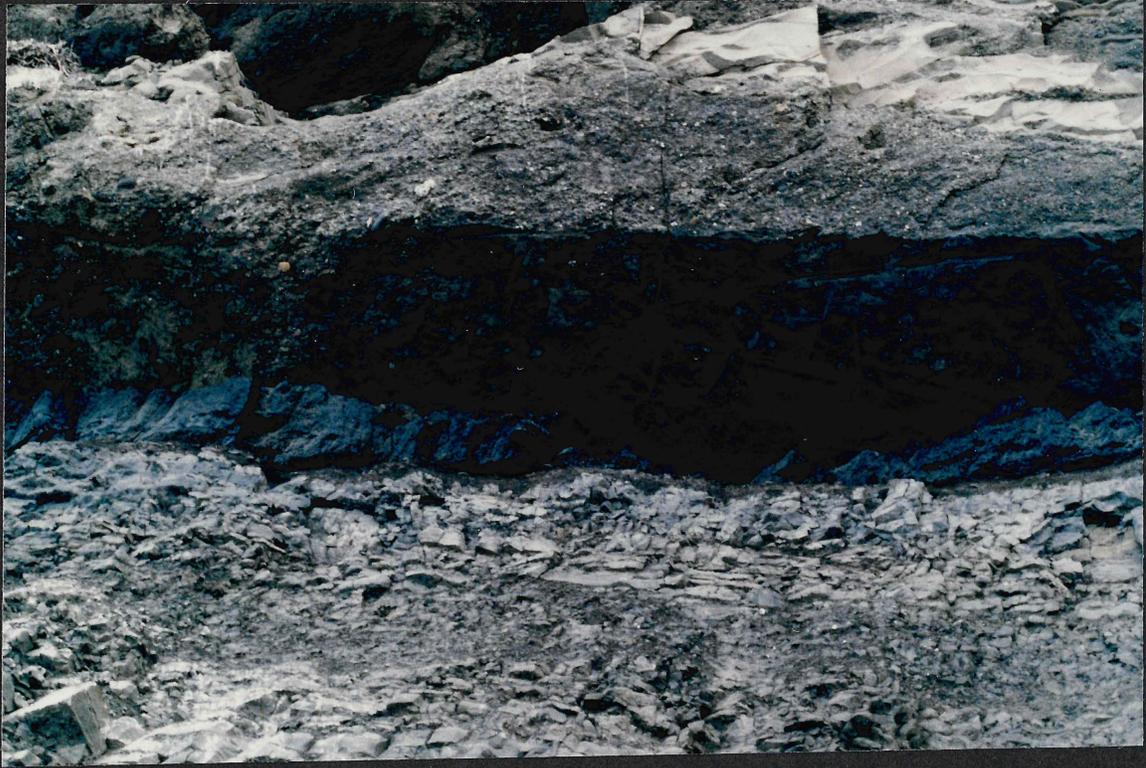
Early Cretaceous Fortress Mountain
sand/shale turbidite sequence. 7-18-6
NW/4 34-32N-29W

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Nanushuk Group channel sandstone and shale. 7/20-8
SE/4 36-6S-56W

Nanushuk Group channel sandstone with
shale and coal. 7/20-8
SE/4 36-6S-56W



Nanushuk Group coal and thick overlying
channel conglomerate with tool marks at base. 7/20-8
SE/4 36-6S-56W

Nanushuk Group coarse channel facies. 7/20-8
SE/4 36-6S-56W



Close up view of Exxon core rig
and Jon Bloom, geologist.



Jon Vaitl and F. X. O'Keefe at
north shore Chukchi Sea, Lisburne Peninsula.



Dead headless walrus.

Close-up of bear tracks on gravel beach.



Eagle birdnest on Nanushuk Group. 7/20-8

Nanushuk Group with downy baby eagles in nest. 7/20-8



Birds on cliff.

Birds on cliff.



REKOOZA
BOND

Seagull.

Puffin.



Barrow, Alaska.

Point Barrow, Alaska.



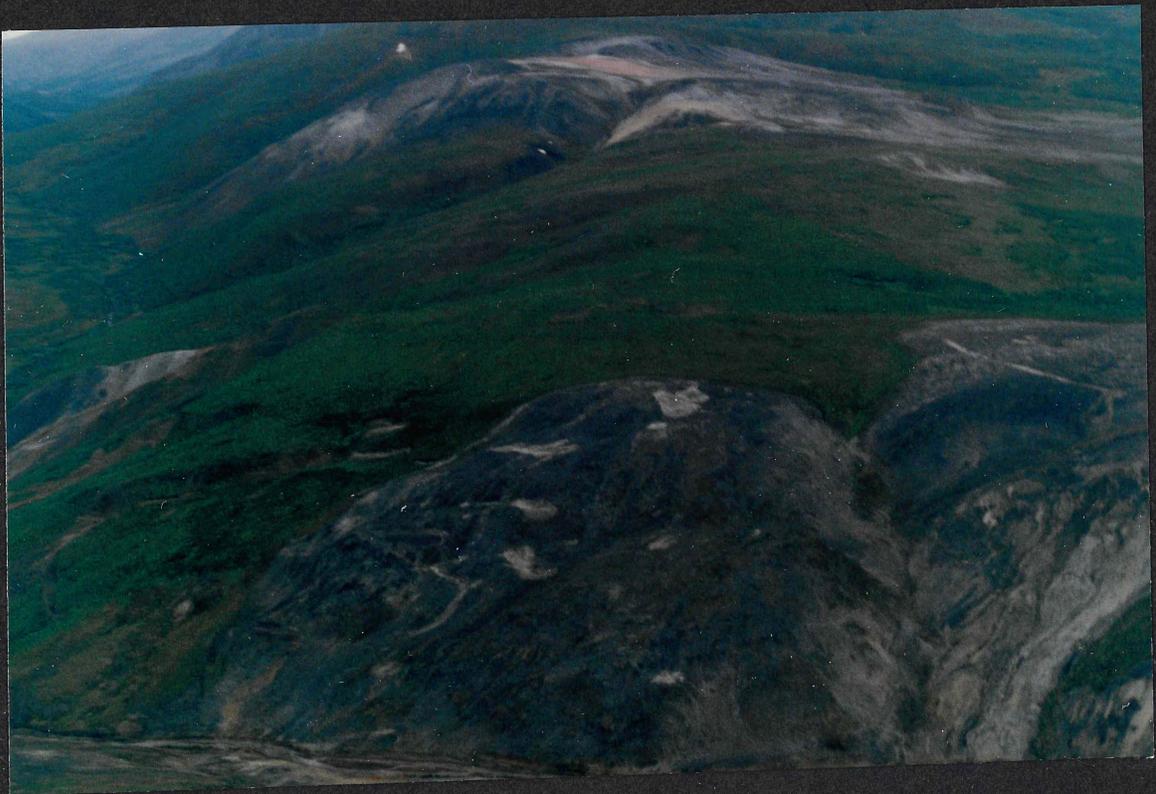
Will Rogers Memorial, south of Barrow, Alaska.

Will Rogers/Wiley Post Memorial, Barrow, Alaska.



De Long Mountains.

Devonian Baird Group limestone,
De Long Mountains. 7/23-7
T31N-R21W



Red Dog Mine camp, De Long Mountains.

Red Dog Mine, De Long Mountains.



Cape Lisburne DEW line radar station.

Cape Sabine DEW line station.



Point Lay Village.

Wainwright Village.