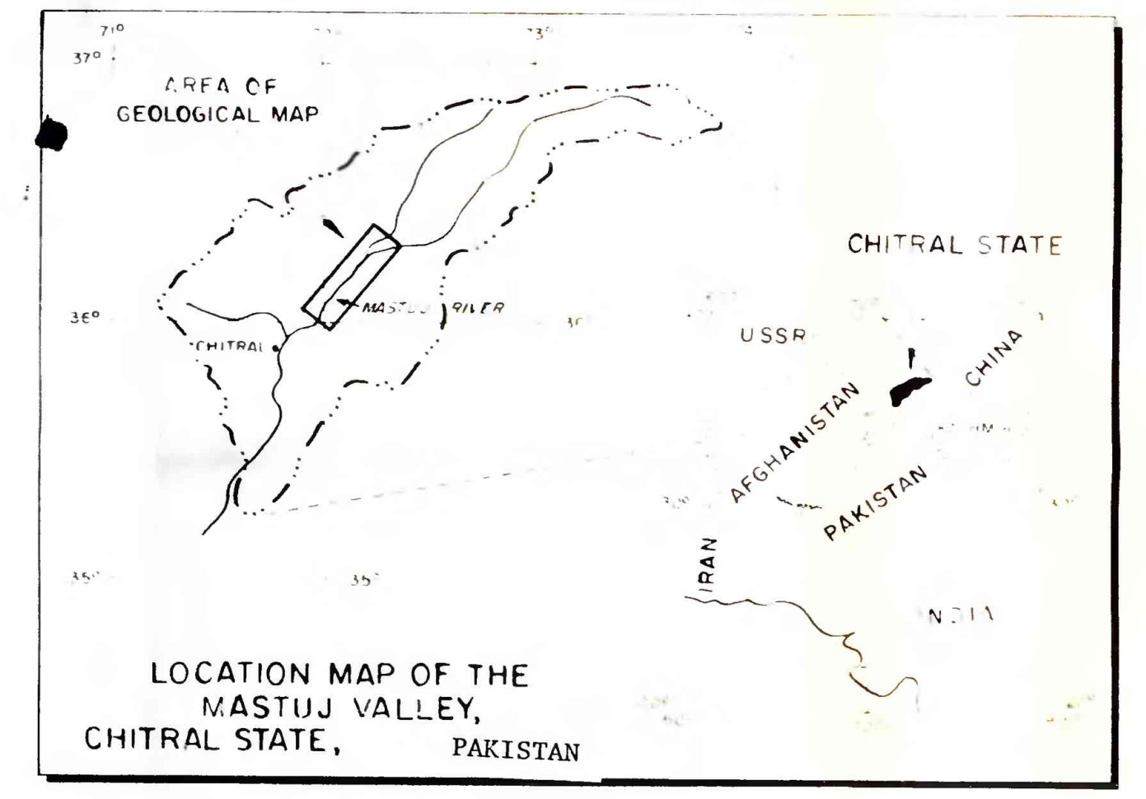
(200)
R290
no. 75-556

LEGEND

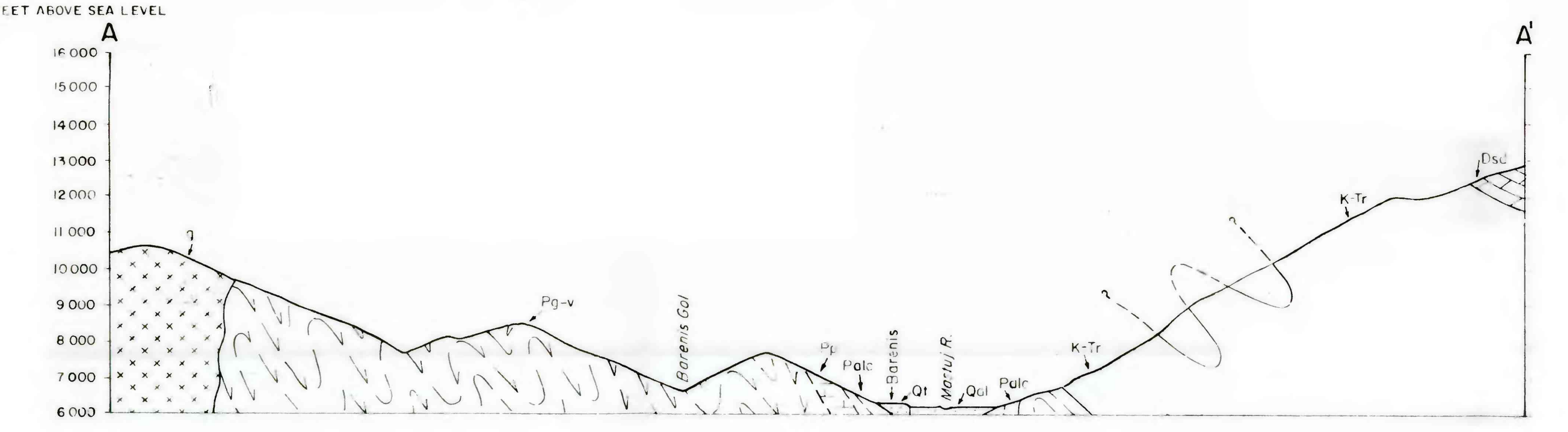
QUATERNARY	Qal	Alluvium
	Qt	Terrace
	Ql	Landslide
	Qm	Glacial moraine
UPPER CRETACEOUS TO LOWER TERTIARY	K-Tr	Reshun Formation
CARBONIFEROUS AND PERMIAN	Cl	Limestone
DEVONIAN TO CARBONIFEROUS	DCs (DCsl)	Sarikol Shale, with some limestone layers (DCsl)
DEVONIAN	Dsq	Quartzite } Shogram Fm.
	Dsd	Dolomite Limestone and Shale unit } Shogram Fm.
	Dc	Charun Quartzite
PALEOZOIC	Palc	Chitral Slate
	Pp	Calcareous phyllite
	Pg-v	Greenschist volcanic sequence
	g	Biotite granodiorite

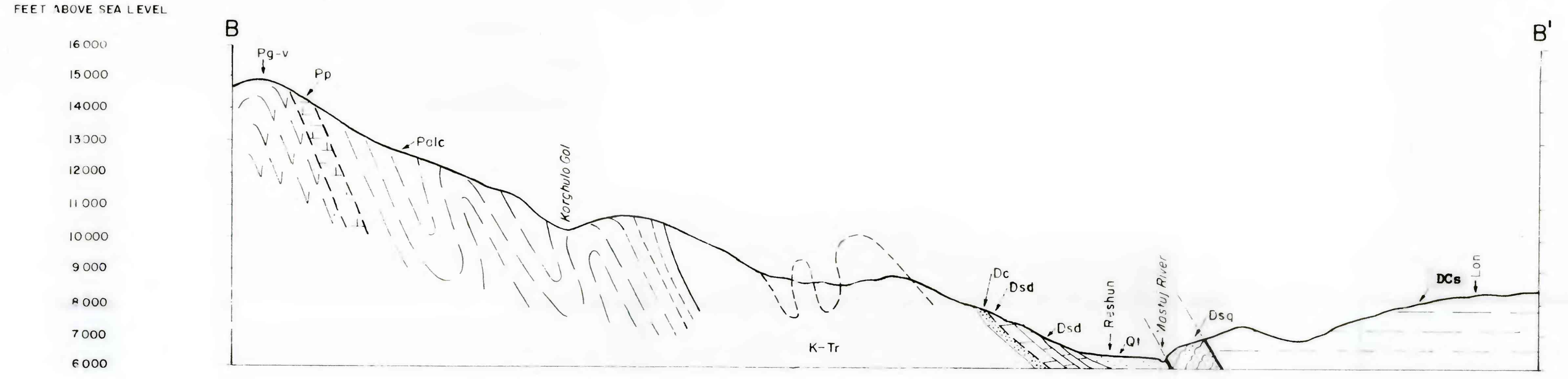
Contacts, dashed where approximately located
Faults, dashed where approximately located
Thrust faults, dashed where approximately located sawteeth on upper plate
Macrofossil locality
Microfossil locality
Lineation of minor fold axes
Other lineation
Strike and dip
Approximate strike and dip from aerial photographs
Photo viewpoints with Plate and Figure numbers
Anticline
Overturned anticline
Syncline
Overturned syncline

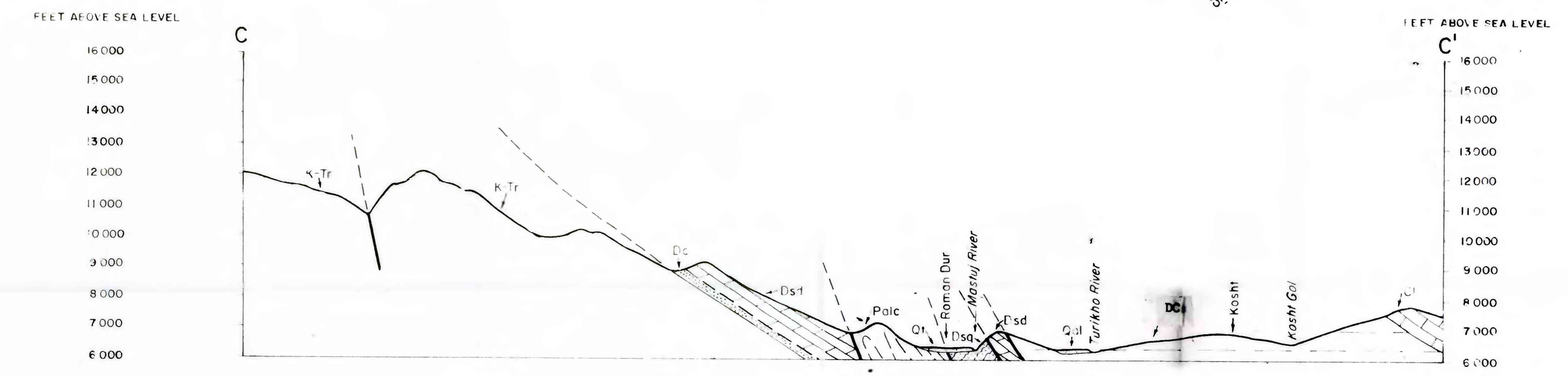
U. S. Geological Survey
OPEN FILE REPORT 75-556
This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature



LOCATION MAP OF THE MASTUJ VALLEY, CHITRAL STATE, PAKISTAN







PHOTOGEOLOGIC MAP OF THE MASTUJ VALLEY, CHITRAL STATE, PAKISTAN

KARL W. STAUFFER, 1969

0 1/2 1 2 3 4 5 miles

HORIZONTAL SCALE = VERTICAL SCALE; SAME SCALE FOR MAP AND CROSS SECTIONS

NOTE ON GEOLOGY:

Distribution of calcareous phyllite, greenschist volcanic sequence, and granite based on field work by J. C. Calkins, 1969.

NOTES ON TOPOGRAPHY:

Topography adapted from aerial photographs, Mastuj and Turikho Rivers used as approximate planimetric control, on uncontrolled photomosaic

Place names and specific altitudes taken from Geological Survey of Pakistan topographic map No. 42 $\frac{D}{SW}$ at a scale of 1 inch - 2 miles or 1:126,720

Topography of cross sections obtained from field sketches and from Geological Survey of Pakistan topographic map No. 42 $\frac{D}{SW}$

Villages are here shown schematically and consist of one to perhaps 20 widely scattered huts, most located on alluvial terraces

••••••Crests of ridges; Gol = stream; Zom = peak