

119° 00'

118° 30'

118° 00'

35° 30'

EXPLANATION

Common, sedimentary and volcanic rocks, and alluvial deposits

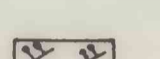
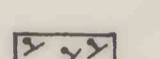
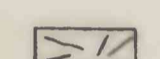
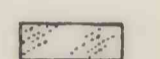
Lands of limestone rocks

Basement rocks (westward of San Andreas fault not examined for glaucousness)

All Photo Lineaments

Lineaments covered by metamorphic foliation (bedding?) were not plotted

Other lineaments with noticeable scarp



Alphabetical lineaments along the Kern Canyon-Bakersfield-White Wolf fault. Some segments have pronounced scarps, particularly west of Walker River and south of Inlet Lake.

Lineaments that show most recent breaks along the San Andreas and Garlock faults. San Andreas fault generalized from Voshell and Watkins (1970) - west of long 118°32' 30" W and Ross (1969) - east of long 118°32' 30" W. Garlock fault generalized from Clark (1977). Located on original studies by photo-interpretation and field investigations.

Asymmetrical straight stream courses, alignment of topographic ridges, vegetation, and other, straight, topographic features (in part may represent selective erosion along geologic contacts). Probably most also result from differential erosion along a series of north-trending joints, but the parallelism to the Bakersfield fault is striking.

Mafic dikes near Little Lake mapped by Duffield and Bacon (1981). Probably late Cenozoic dikes of the Independence dike swarm (Moore and Hagon, 1961) and related to late Cenozoic dikes along the east front of the Sierra Nevada to the west. Not included with other lineaments in compilation.

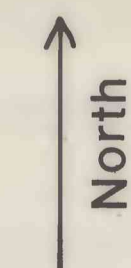
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Lineament discussed in text



119° 30'

35° 00'



34° 45'

AIR PHOTO LINEAMENTS, SOUTHERN SIERRA NEVADA, CALIFORNIA

Compilation by  
Donald C. Ross

1989

0 5 10 15 20 kilometers

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