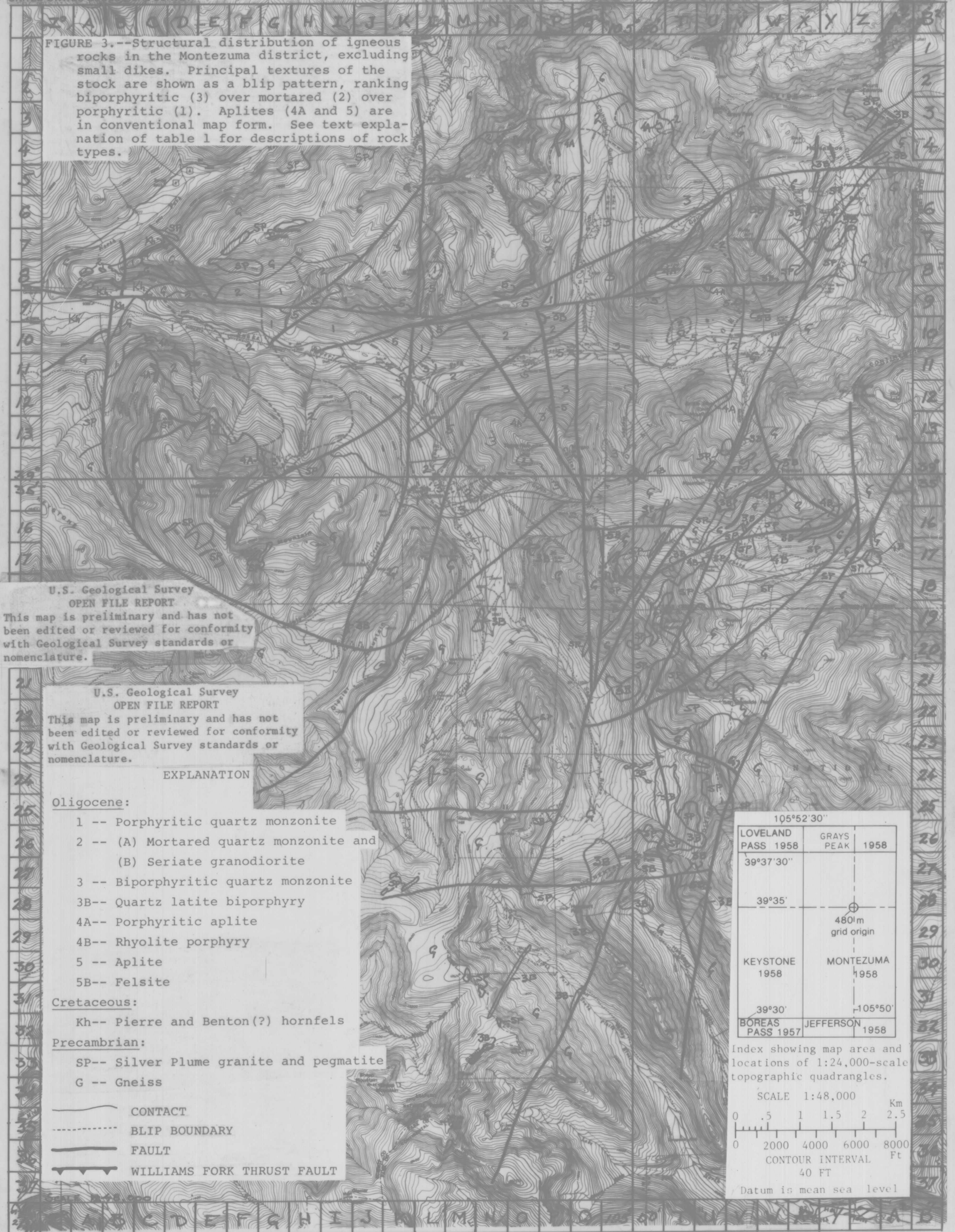


FIGURE 3.--Structural distribution of igneous rocks in the Montezuma district, excluding small dikes. Principal textures of the stock are shown as a blip pattern, ranking biporphyritic (3) over mortared (2) over porphyritic (1). Aplites (4A and 5) are in conventional map form. See text explanation of table 1 for descriptions of rock types.



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EXPLANATION

Oligocene:

- 1 -- Porphyritic quartz monzonite
- 2 -- (A) Mortared quartz monzonite and (B) Seriate granodiorite
- 3 -- Biporphyritic quartz monzonite
- 3B-- Quartz latite biporphyry
- 4A-- Porphyritic aplite
- 4B-- Rhyolite porphyry
- 5 -- Aplite
- 5B-- Felsite

Cretaceous:

- Kh-- Pierre and Benton(?) hornfels

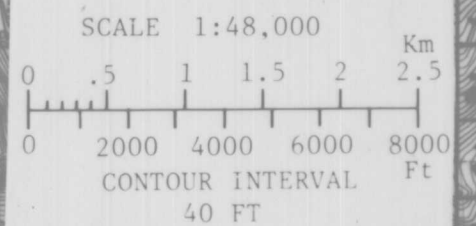
Precambrian:

- SP-- Silver Plume granite and pegmatite
- G -- Gneiss

- CONTACT
- - - - - BLIP BOUNDARY
- FAULT
- ▼ WILLIAMS FORK THRUST FAULT

105°52'30"		
LOVELAND PASS 1958	GRAYS PEAK 1958	
39°37'30"		
	⊕	
	480m grid origin	
KEYSTONE 1958	MONTEZUMA 1958	
39°30'		105°50'
BOREAS PASS 1957	JEFFERSON 1958	

Index showing map area and locations of 1:24,000-scale topographic quadrangles.



Datum is mean sea level