

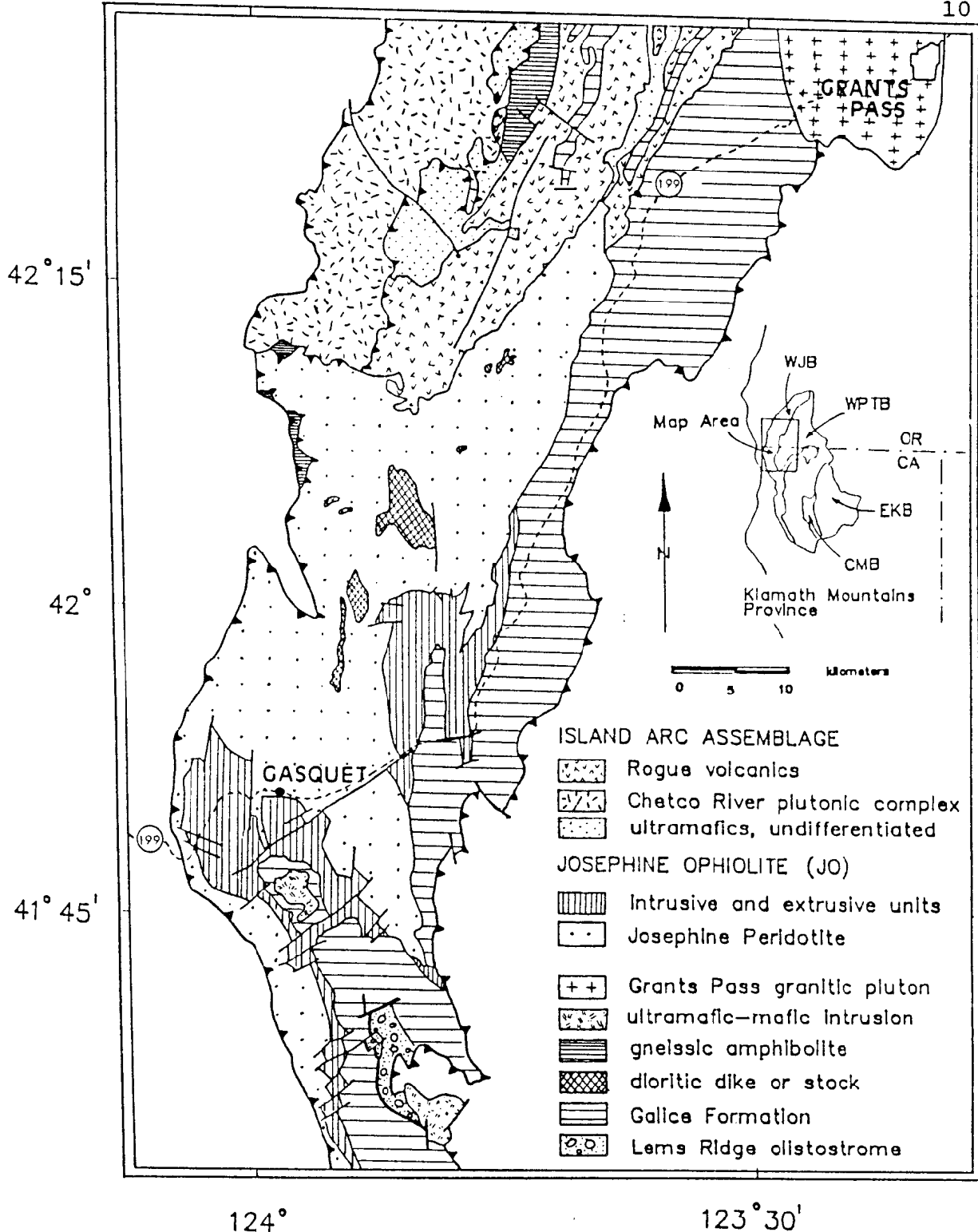


Figure 1.3

Generalized geologic map of the western Jurassic belt (modified from Harding, 1987).

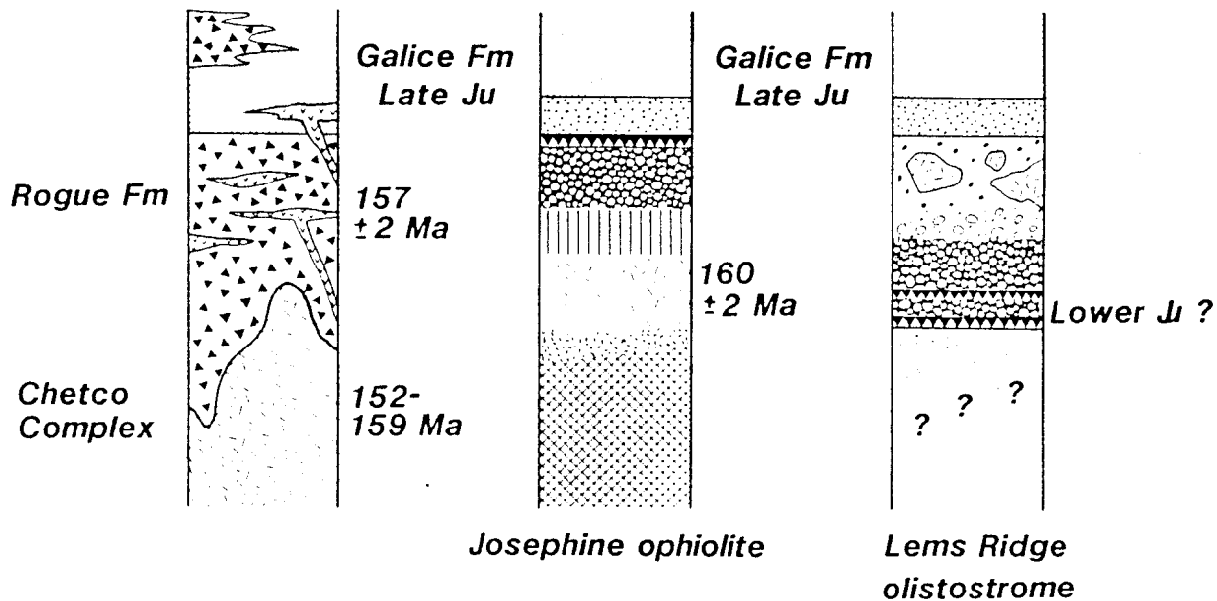


Figure 1.4

Simplified stratigraphy and geochronology of the main units in the western Jurassic belt.

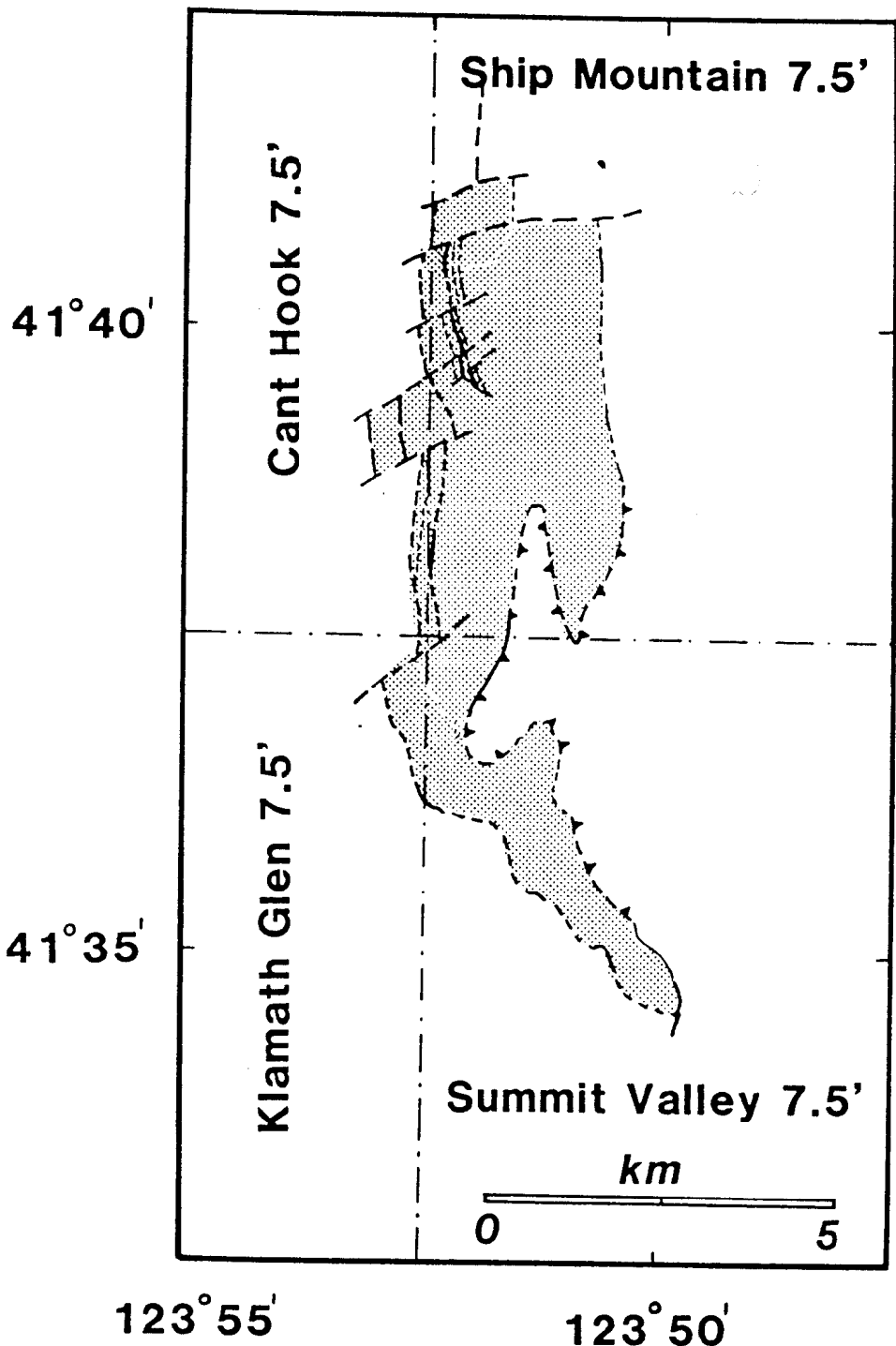


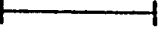
Figure 1.5

The location of the LRO (stipled area) on the 7.5' quadrangles Ship Mountain, Summit Valley, Klamath Glen, and Cant Hook.

Key and explanation to fig. 3.2

-  Talus block breccia
-  Pebbly mudstone
-  Tuffaceous greenstone
-  Pillow lava
-  Hornblende gabbro
-  Pebbly conglomerate in Galice Fm.

 3.3 GO-road tect.- strat. section

 3.16 Smith River tect.- strat. section

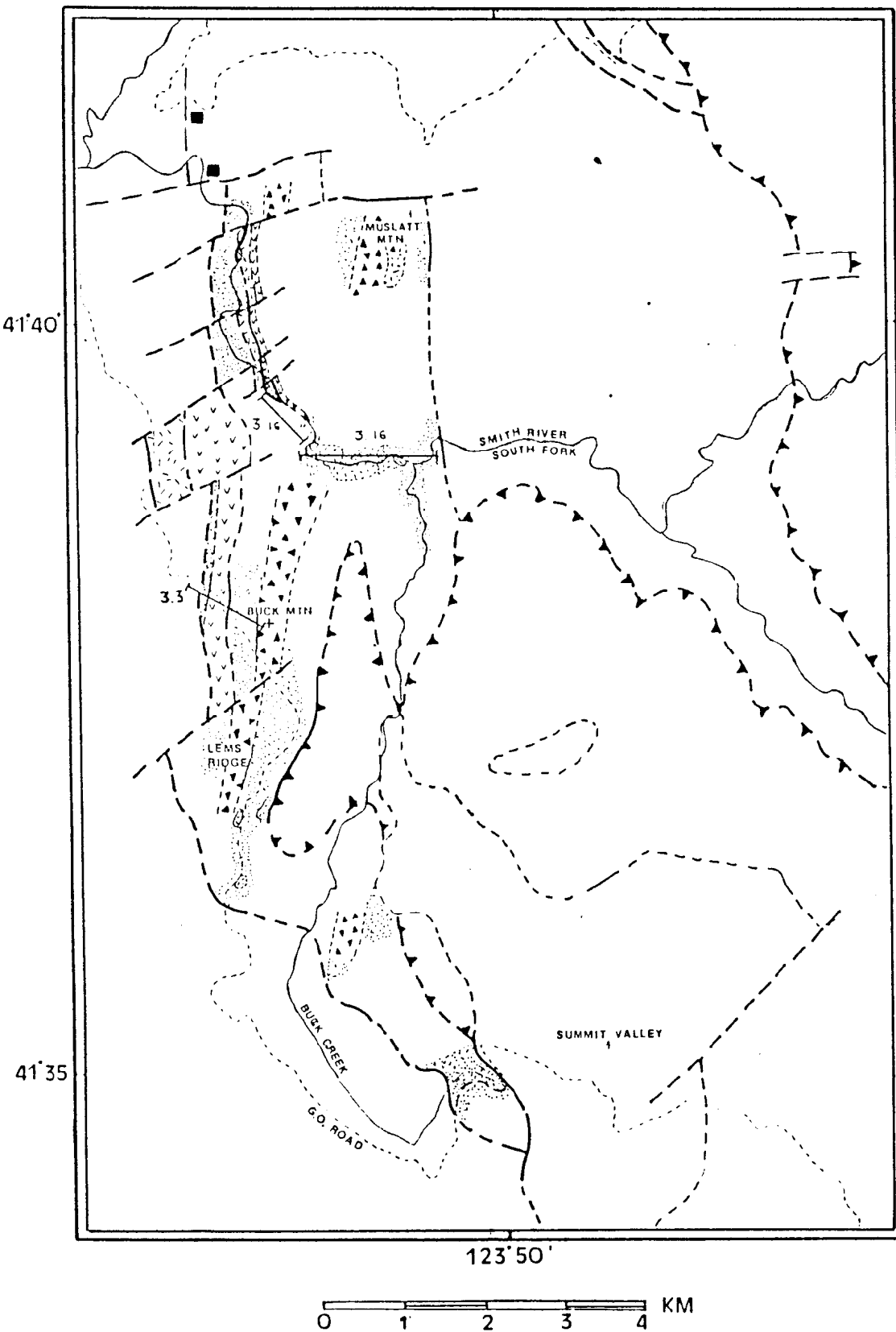


Figure 3.2 Observed units in the LRO

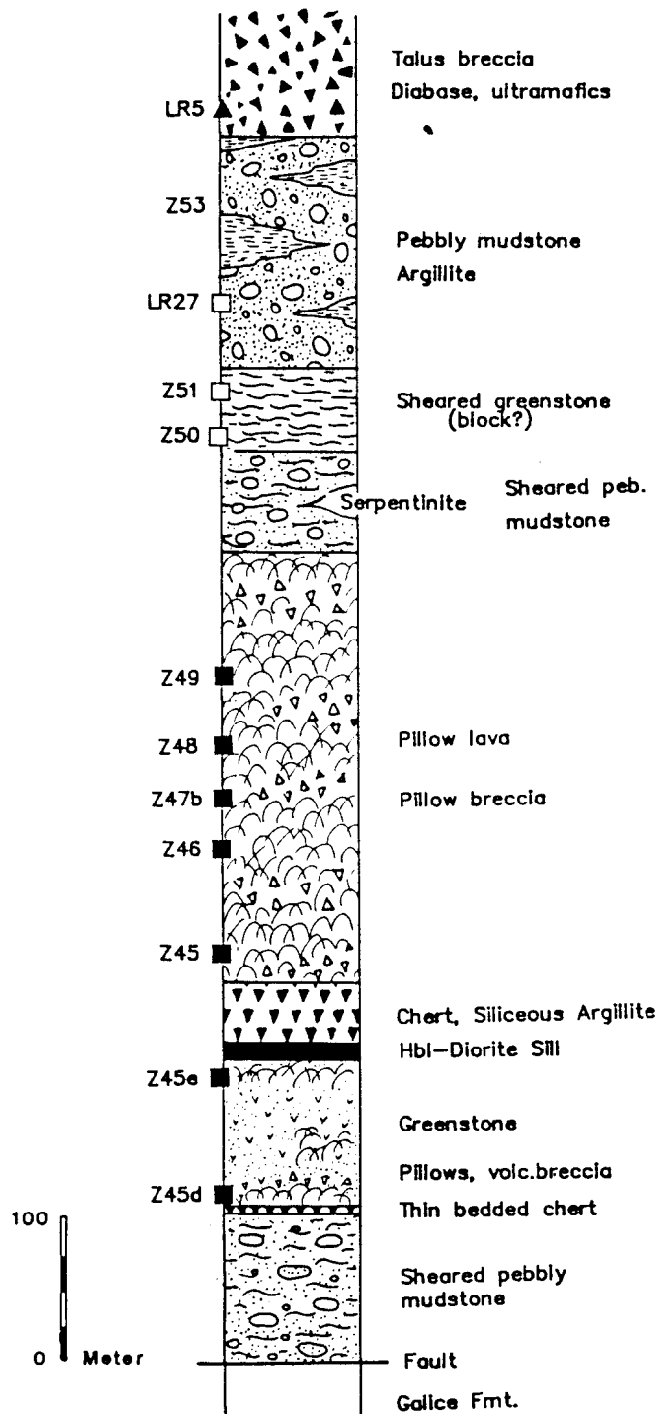


Figure 3.3 GO-road tectonostratigraphic section of the lower LR0.
 Filled squares = pillow lavas; open squares = pillow clasts;
 filled triangle = diabase block

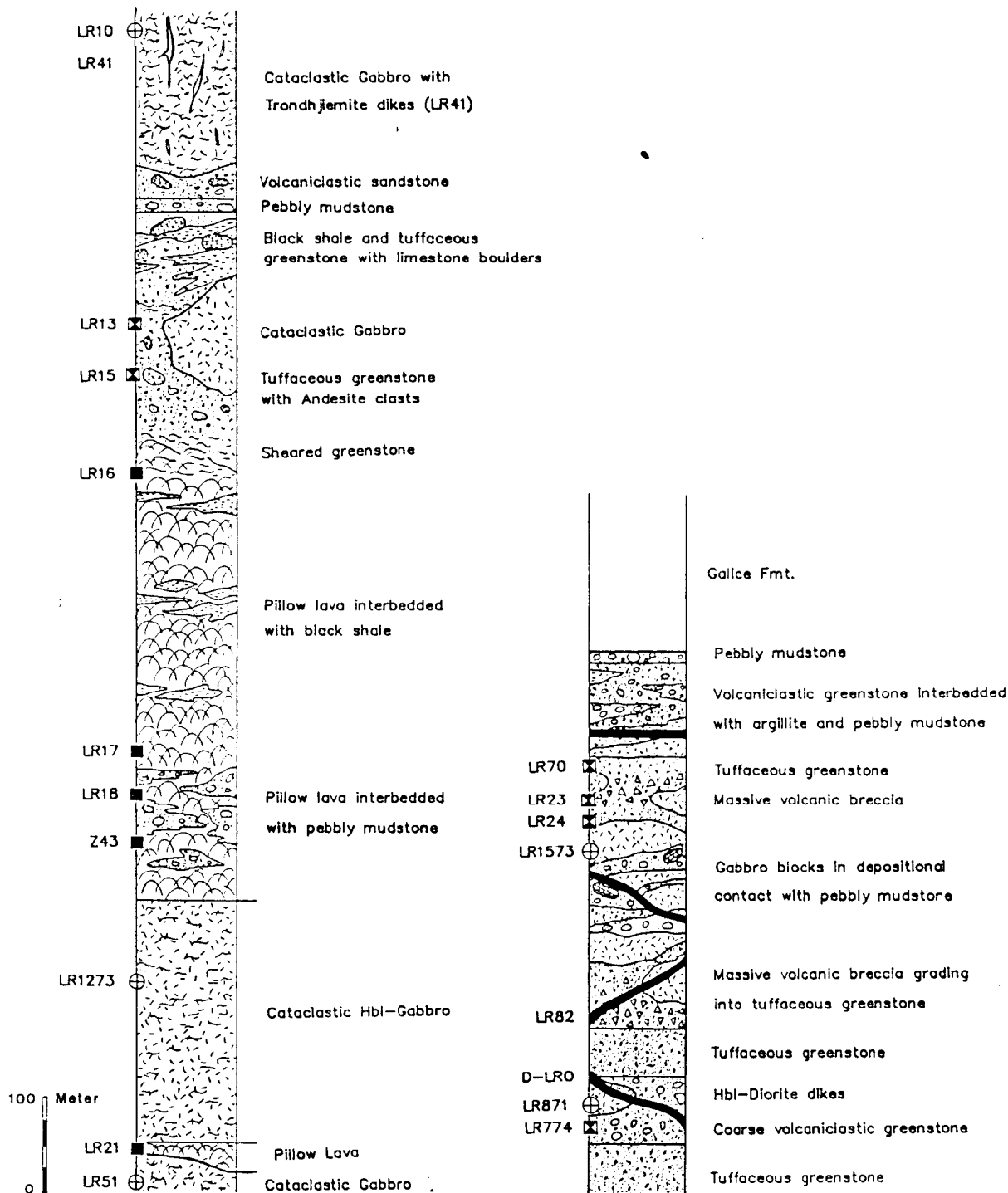
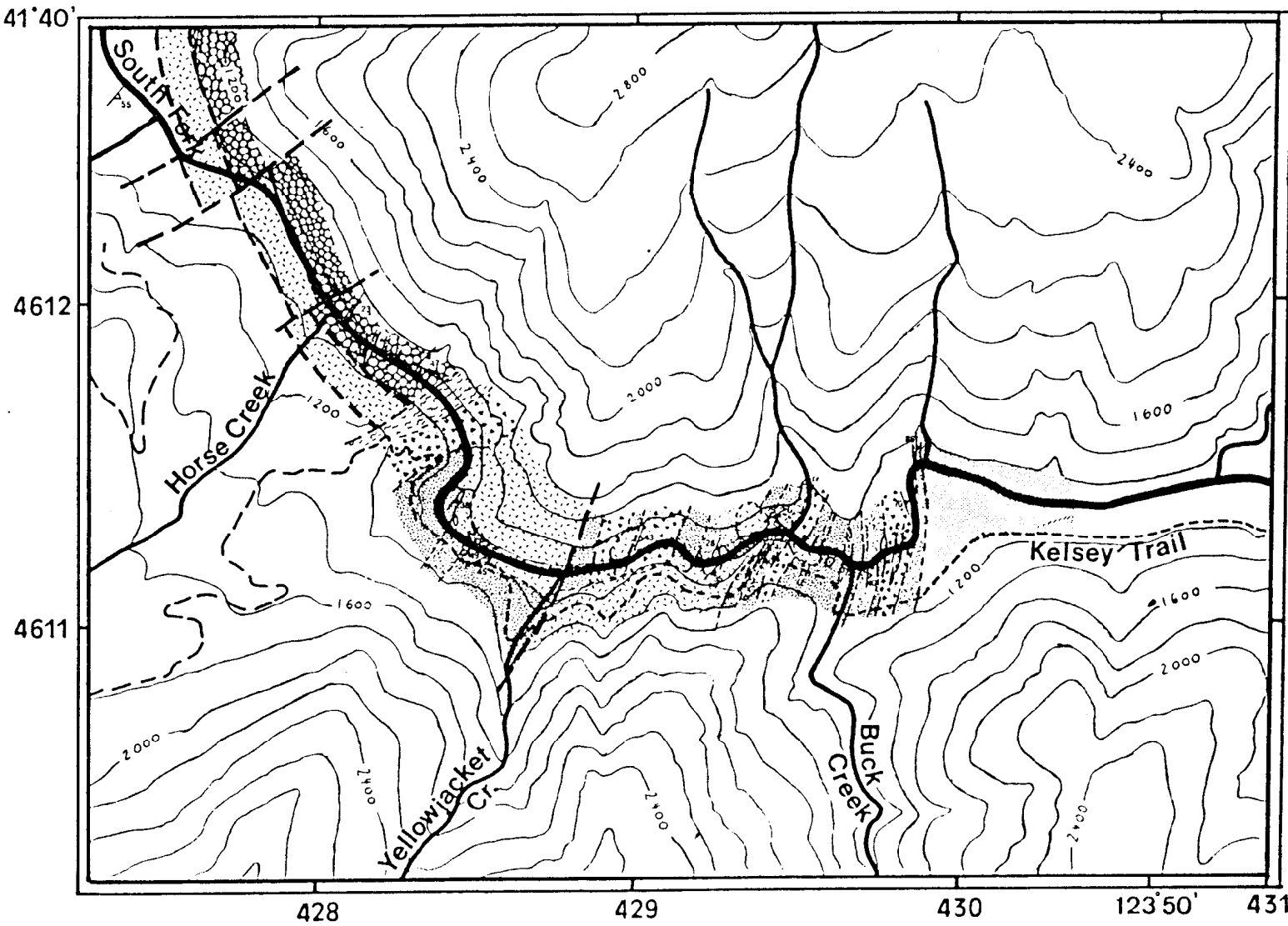


Figure 3.16

Tectono-stratigraphic section of the LRO
along the South Fork of the Smith River (for
location, see fig. 3.2).

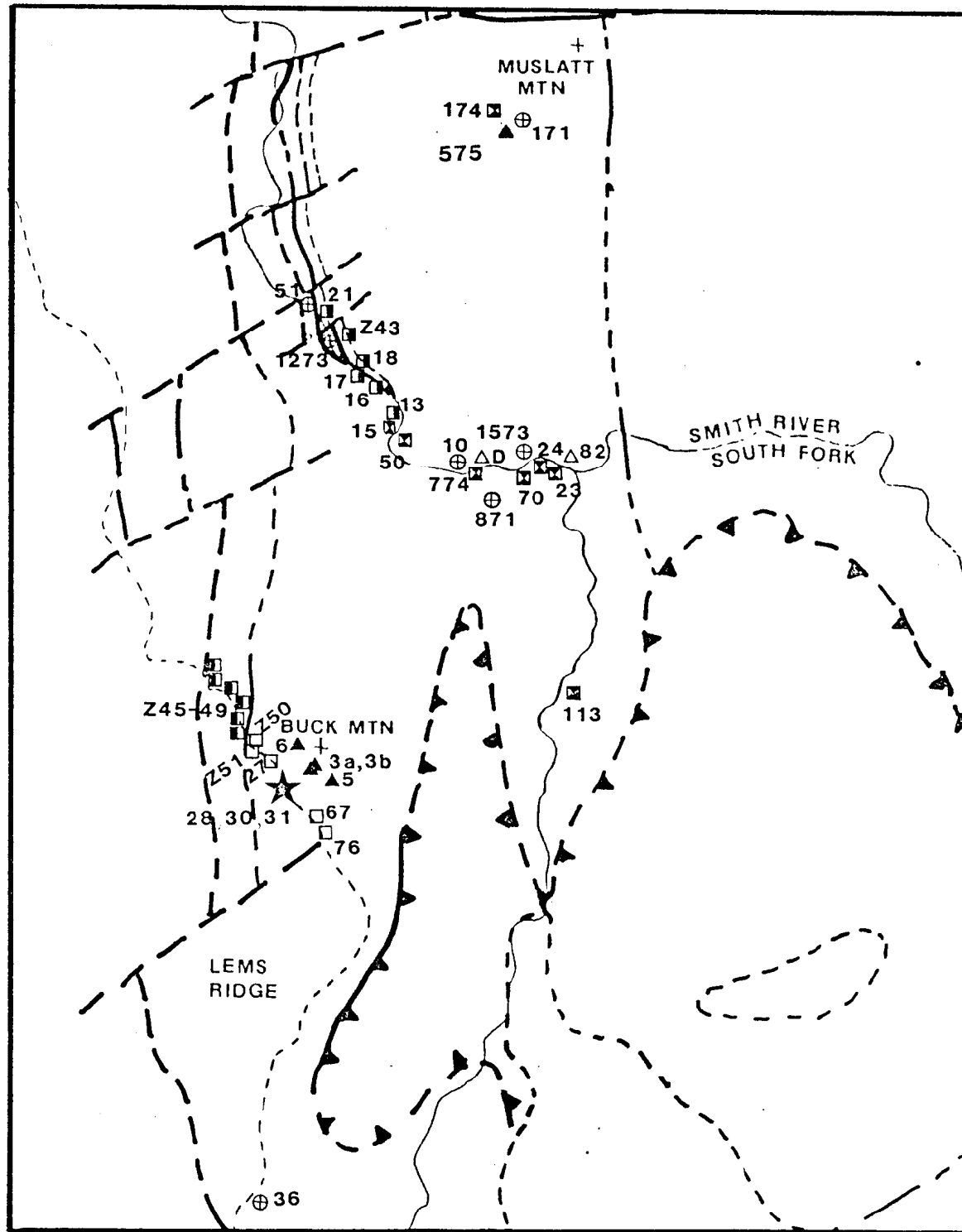


-  Galice Formation
-  Pebbly mudstone, Argillite
Limestone boulders
-  Homogeneous volcaniclastic greenstone
-  Volcanic breccia, coarse tuff
-  Sheared greenstone
-  Pillow lava
-  Hornblende gabbro

Lems Ridge olistostrome

Fig. 3.27 Geologic outcrop map along the South Fork of the Smith River, between the mouth of Horse Creek and the contact with the Galice Formation.

Key and explanation to fig. 3.27.



Symbols for Figs. 4.1

	Tuffaceous breccia and tuffaceous greenstone	Tuffaceous matrix	Lems Ridge olistostrome	
	Hornblende Gabbro			
	Mafic dike in gabbro	Clasts in the LRO		
	Vesicular volcanics			
	Diabase dike			
	Pillow lava			
	G.O. Road	Pillow lava		basal lavas of LRO
	Smith River			
	Typical dikes and lavas	Josephine ophiolite		
	Dikes and lavas W'of LRO			
	Primitive dikes and lavas			

Figure 4.1 Sample locations for analyzed rocks from the Lems Ridge olistostrome. For explanation of symbols, see previous page.

Idealized Cross-section

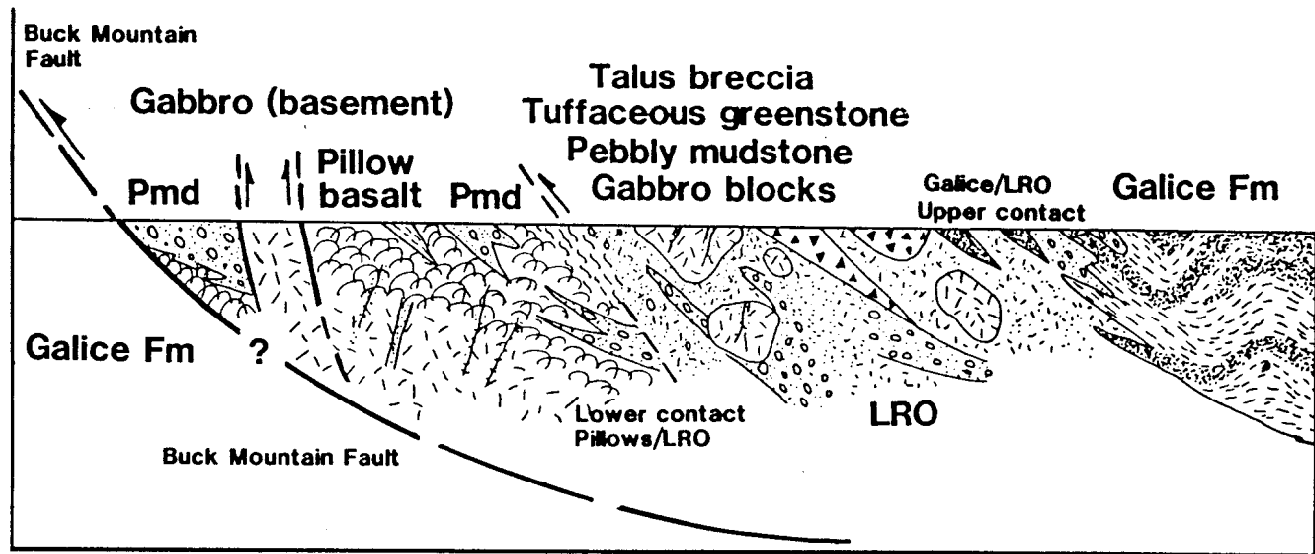


Figure 6.1

Idealized cross-section through the northern part of the Lems Ridge olistostrome, following the stratigraphic column of fig. 3.16.