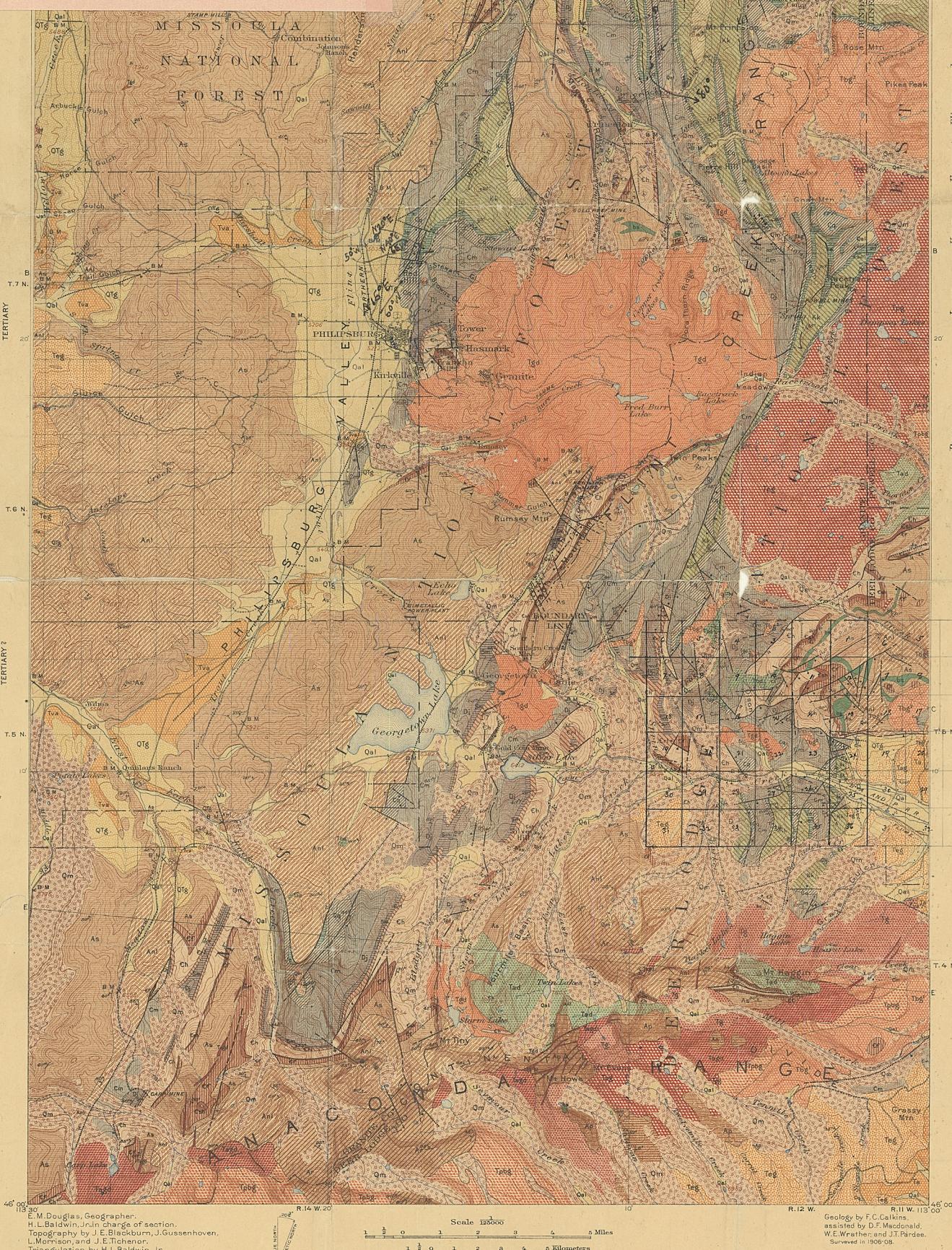


*Jillies*  
*Jillies*  
good place to dig  
trends.

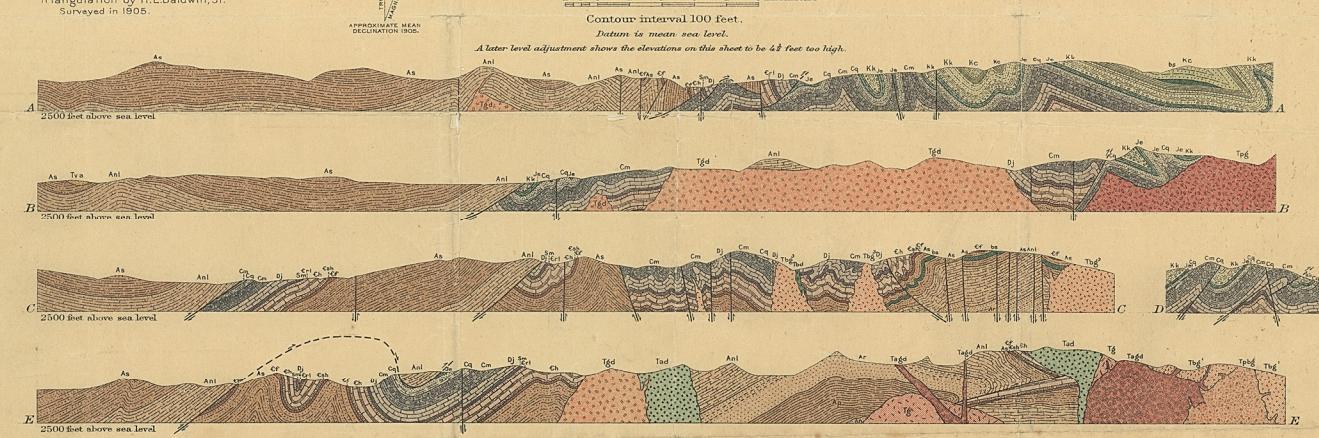
Pardee notes on phosphate on the Emmons and Calkins (1912)  
geologic map of the Philipsburg quadrangle.



### LEGEND

SEDIMENTARY ROCKS	
<i>(various colors are shown for patterns of parallel lines, patterns of dots and circles; metamorphism is indicated by letters combined with the line patterns)</i>	
Qal	Recent
Alumnum	water-laid deposits on valley bottoms and low terraces
Om	Moraines
Org	Later terrace gravels
Teg	Eocene to Pliocene and Pleistocene
Bathic gravels	earlier and later moraines not distinguished
Kc	UNCONFORMITY
Cretaceous	Colorado formation
Kk	Colorado formation
Jo	Kootenai formation
Cm	Ellis formation
Dj	Pennsylvanian
Sm	Mississippian
Cp	Jefferson limestone
Ef	Maywood formation
Ch	Red Lion formation
Csh	Hassmark formation
Ar	Silver Hill formation
Ap	Flathead quartzite
As	Sundance formation
Arl	Newland formation
Ravalli formation	including Greycyon(?) shale
An	Prichard formation
Nelhart quartzite	(thin-bedded light-colored quartzite)

Legend is continued on the left margin



GEOLOGIC MAP AND SECTIONS OF THE PHILIPSBURG QUADRANGLE, MONTANA