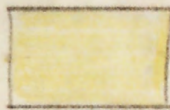






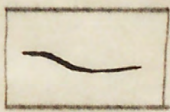
EXPLANATION



Alluvium in valleys  
of master streams



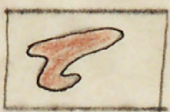
Bakersville metagabbro



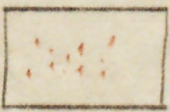
Metadikes associated with  
the Bakersville metagabbro  
in Cranberry gneiss



Alaskite with some pegmatite



Pegmatitic Alaskite



Areas of abundant alaskite  
and associated pegmatite  
not mapped in detail

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

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

Quaternary  
Devonian (?)

Late Ordovician  
or  
Early Silurian

U.S. GEOLOGICAL SURVEY  
148531  
LIBRARY

JUN 15 1954

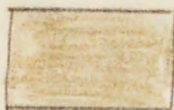
U.S. GEOLOGICAL SURVEY  
DEC - 7, 1953



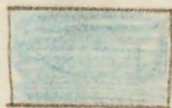
200)  
290  
224



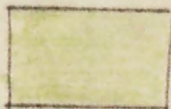
Dunite with associated  
ultramafic rocks and  
soapstone



Predominant Amphibole gneiss and schist interlayered  
with other rocks of the group.



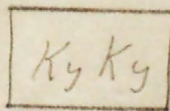
Dolomite marble  
(In the Baudana area only.)



Predominant Mica gneiss interlayered  
with other rocks of the group.



Predominant Mica schist interlayered  
with other rocks of the group.



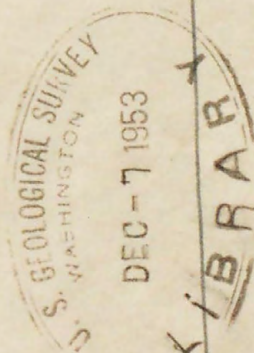
Kyanitic rocks in  
areas of mica rocks



Cranberry gneiss

Spruce Pine Group

Late Pre-Cambrian



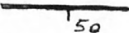
00)  
290  
224

  
Geologic contacts

Approximate

  
Geologic contacts

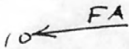
  
Gradational geologic contacts

  
Fault, showing dip

  
Fault, showing bearing and plunge  
of grooves, striations, or slicken-  
sides

  
Fault, showing relative movement

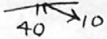
  
Shear zone

  
Plunge of fold axes

  
Strike and dip of compositional layers and foliation

  
Strike of vertical compositional layers and vertical foliation

  
Horizontal compositional layers and horizontal foliation

  
Strike and dip of compositional layers and foliation with  
bearing and plunge of lineation

  
Strike and dip of joints

  
Open cut

  
Portal of tunnel or adit

  
Prospect pits and mines



00)  
290  
4.224

Scale  
1:24,000

Datum is mean sea level  
Countour interval is 50 feet

Topographic base map by the U. S. Geological Survey

Geology by D. F. Beaumont, D. A. Brobst, D. R. Carr, F. D. Eckelmann,  
H. S. Johnson, Jr., J. L. Kulp, J. C. Olson, J. J. Page, J. M. Parker III,  
J. A. Redden, R. K. Robbins, and B. F. Sheldon.  
1940 to 1941 and 1948 to 1953.









USGS LIBRARY - RESTON



3 1818 00083505 6