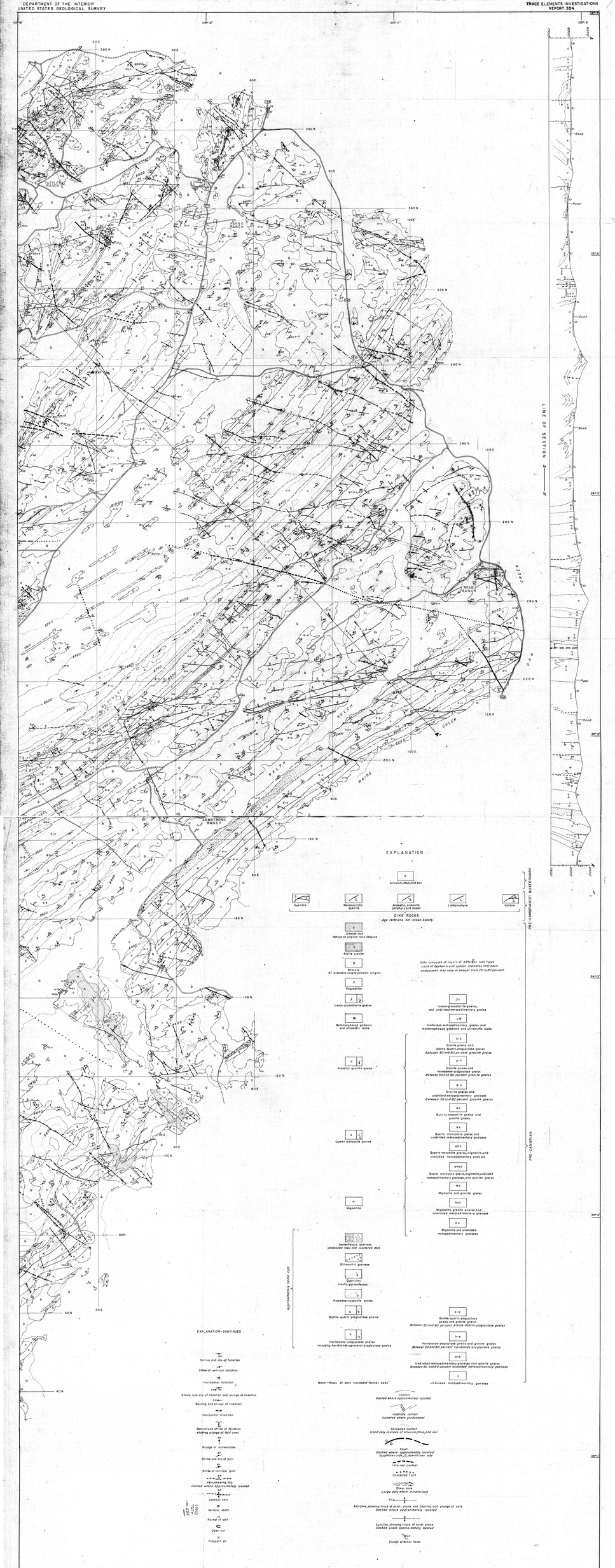
EXPLANATION
Alluvium, talus, and soil
Syenite
Metasomatic syenite
Andesite, andesite porphyry and basalt
Lamprophyre
Gabbro
DIKE ROCKS
Age relations not known exactly
Altered rock
Nature of original rock obscure
Aplite syenite
Breccia
Of probable cryptovolcanic origin
Pegmatite
Leuco-granodiorite gneiss
Metamorphosed gabbroic and ultramafic rocks
Alaskitic granite gneiss
Quartz monzonite gneiss
Migmatite
Units composed of layers of different rock types
Local of layer in unit symbol indicates that each component may vary in amount from 20 to 80 percent.
Leuco-granodiorite gneiss, and undivided metasedimentary gneiss
Undivided metasedimentary gneiss and metamorphosed gabbroic and ultramafic rocks
Granite gneiss and biotite-quartz-plagioclase gneiss
Between 50 and 80 percent granite gneiss
Granite gneiss and hornblende-plagioclase gneiss
Between 50 and 80 percent granite gneiss
Granite gneiss and undivided metasedimentary gneisses
Between 50 and 80 percent granite gneiss
Quartz monzonite gneiss and granite gneiss
Quartz monzonite gneiss and undivided metasedimentary gneisses
Quartz monzonite gneiss, migmatite, and undivided metasedimentary gneisses
Quartz monzonite gneiss, migmatite, undivided metasedimentary gneisses, and granite gneiss
Migmatite and granite gneiss
Migmatite, granite gneiss and undivided metasedimentary gneisses
Migmatite and undivided metasedimentary gneisses
Garnetiferous gneisses
Unlabeled rows and scattered dots
Silimanite gneisses
Quartzite, mostly garnetiferous
Pyroxene-scapolite gneiss
Biotite-quartz-plagioclase gneiss
Hornblende-plagioclase gneiss including hornblende-pyroxene-plagioclase gneiss
Biotite-hornblende-plagioclase gneiss and granite gneiss
Between 50 and 80 percent biotite-quartz-plagioclase gneiss
Hornblende-plagioclase gneiss and granite gneiss
Between 50 and 80 percent hornblende-plagioclase gneiss
Undivided metasedimentary gneisses and granite gneiss
Between 50 and 80 percent undivided metasedimentary gneisses
Undivided metasedimentary gneisses
Note:—Rows of dots represent "marker beds"
Approximately same age
PRE-CAMBRIAN(?) QUATERNARY
PRE-CAMBRIAN
EXPLANATION—CONTINUED
Strike and dip of foliation
Strike of vertical foliation
Horizontal foliation
Strike and dip of foliation and plunge of lineation
Bearing and plunge of lineation
Horizontal lineation
Generalized strike of foliation showing plunge of fold axes
Plunge of slickensides
Strike and dip of joint
Strike of vertical joint
Vein, showing dip
Dashed where approximately located
Vertical vein
Vertical shaft
Portal of adit
Open cut
Prospect pit
Contact
Dashed where approximately located
Indefinite contact
Sanded where gradational
Concealed contact
Used only in areas of alluvium, talus, and soil
Fault
Dashed where approximately located
Upthrown side (U), downthrown side
Inferred contact
Concealed fault
Shear zone
Large dots where mineralized
Anticline, showing trace of axial plane and bearing and plunge of axis
Dashed where approximately located
Syncline, showing trace of axial plane
Dashed where approximately located
Plunge of minor folds
LINE OF SECTION
WILSON RANCH
WAYNE RANCH
ROSS RANCH
ARMSTRONG RANCH
RALPH GULCH
ROSS CREEK
OAK GULCH
MOUNTAIN
MOUNTAIN
RAINS
Road
Road
Road