



**EXPLANATION**

Outcrops shown in gray

Quartz-feldspar-muscovite pegmatite

Layered hornblende-epidote-garnet gneiss

Quartz gneiss

Garnetiferous biotite-quartz gneiss

Biotite schist

Mica schist

PRECAMBRIAN

Layered calc-silicate gneiss of hornblende gneiss unit

Rocks in transition zone along contact with mica schist unit

Lithologic units; order may not reflect age

Contact, showing dip  
Dashed where approximately located; short dashed where inferred

Inclined Vertical  
Trace of fault or prominent fracture on surface showing amount and direction of dip!  
Short dashed where inferred

Inclined Vertical  
Traces of closely spaced fracture<sup>1</sup>, showing amount and direction of dip

Stippled pattern indicates surface of fracture<sup>1</sup>  
Short dashed line indicates edge of fracture surface or intersection of adjacent fracture surfaces

0.1-0.15 mrph  
Radioactivity, in milliroentgens per hour<sup>1</sup>  
Shown on sketch sections of walls of open pit

Bearing and plunge of fold axis<sup>1</sup>

Inclined Vertical  
Strike and dip of foliation

Bearing and plunge of lineation

Inclined Vertical  
Strike and dip of fractures  
Where two or more sets of fractures are present the symbols are joined at the point of observation

Vertical shaft

Rim of excavation

Dump or fill

Cribbing<sup>1</sup>

Collar of diamond-drill hole

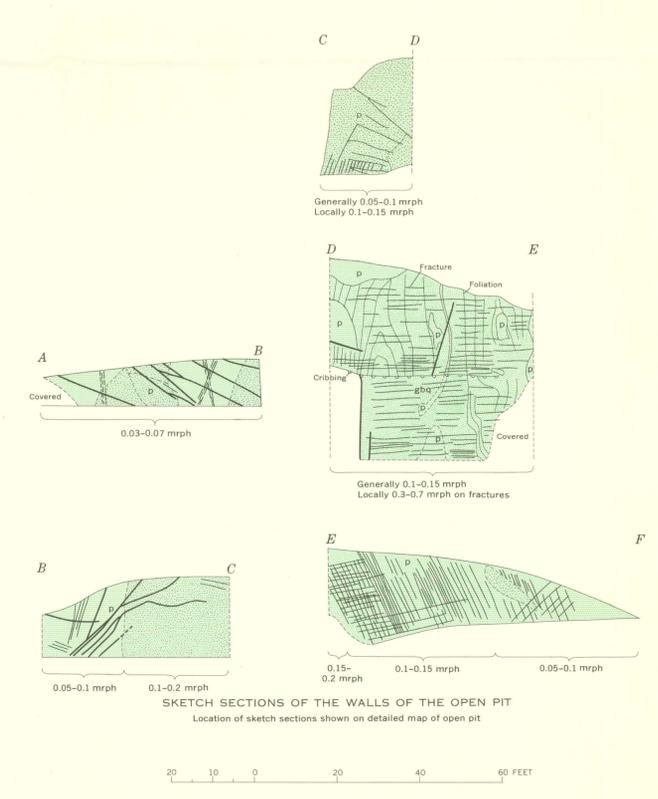
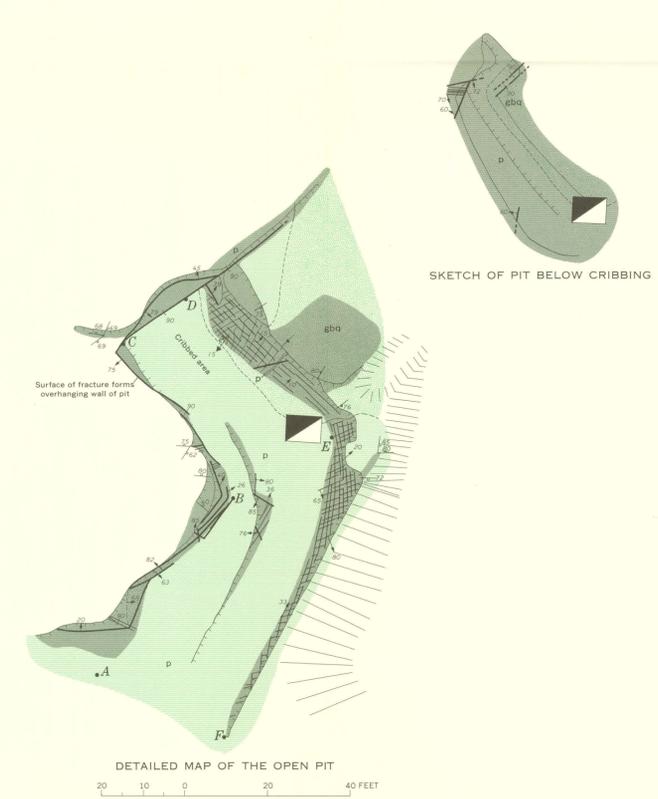
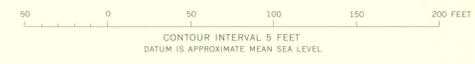
Location and number of analyzed sample  
Analyses shown in table in text

Jackhammer hole  
Radiometric values less than 0.05 percent equivalent uranium. Letter symbols indicate rock types. Most holes are 2-5 feet deep

0.05-0.10 percent equivalent uranium Greater than 0.10 percent equivalent uranium

Jackhammer hole  
Radiometric values greater than 0.05 percent equivalent uranium. Symbol indicates range of radiometric values. Holes are keyed to tables below

<sup>1</sup>Symbols used only on detailed map of open pit or sketch sections



**JACKHAMMER HOLES HAVING RADIO-METRIC VALUES RANG-ING FROM 0.05 TO 0.10 PERCENT EQUIVALENT URANIUM**

Hole	Depth (in feet)	Radiometric value (percent equivalent uranium)	Remarks
a	11	±0.06	
b	16	±.05	At 2 feet, 0.1 percent equivalent uranium
c	12½	±.07	
d	3	±.08	
e	0-5	±.05	
	8½-13	±.07	
f	0-12	±.07	
	12-16	±.05	

**JACKHAMMER HOLES HAVING RADIO-METRIC VALUES GREATER THAN 0.10 PERCENT EQUIVALENT URANIUM**

Hole	Depth (in feet)	Radiometric value (percent equivalent uranium)
g	0-8	±0.10
	8-12	±.08
h	0-3	±.20
	3-5	±.48
	5-8	±.33
	8-12	±.08

Base from planetable survey by A. L. Albee, D. M. Sheridan, and C. H. Maxwell, 1956