

EXPLANATION

GEOLOGIC FEATURES ARE  
PROJECTED TO WAIST LEVEL

Contact  
Dashed where approximate

Fault, showing dip

Plunge of minor anticline

Plunge of minor syncline

Strike and dip of beds  
(differentiated from foliation only on level 1)

Strike and dip of foliation  
(differentiated from bedding only on level 1)

Strike and dip of bedding or foliation where  
structures were not differentiated in mapping

Bearing and plunge of lineation

Bearing of lineation

Sulfide vein, containing chalcopyrite, sphal-  
erite, and pyrrhotite; wallrock consists  
of phyllite, schist and feldspathic sand-  
stone

Sulfide stringers or veinlets

Quartz vein

Shaft at surface

Inclined shaft going above and below level

Bottom of shaft

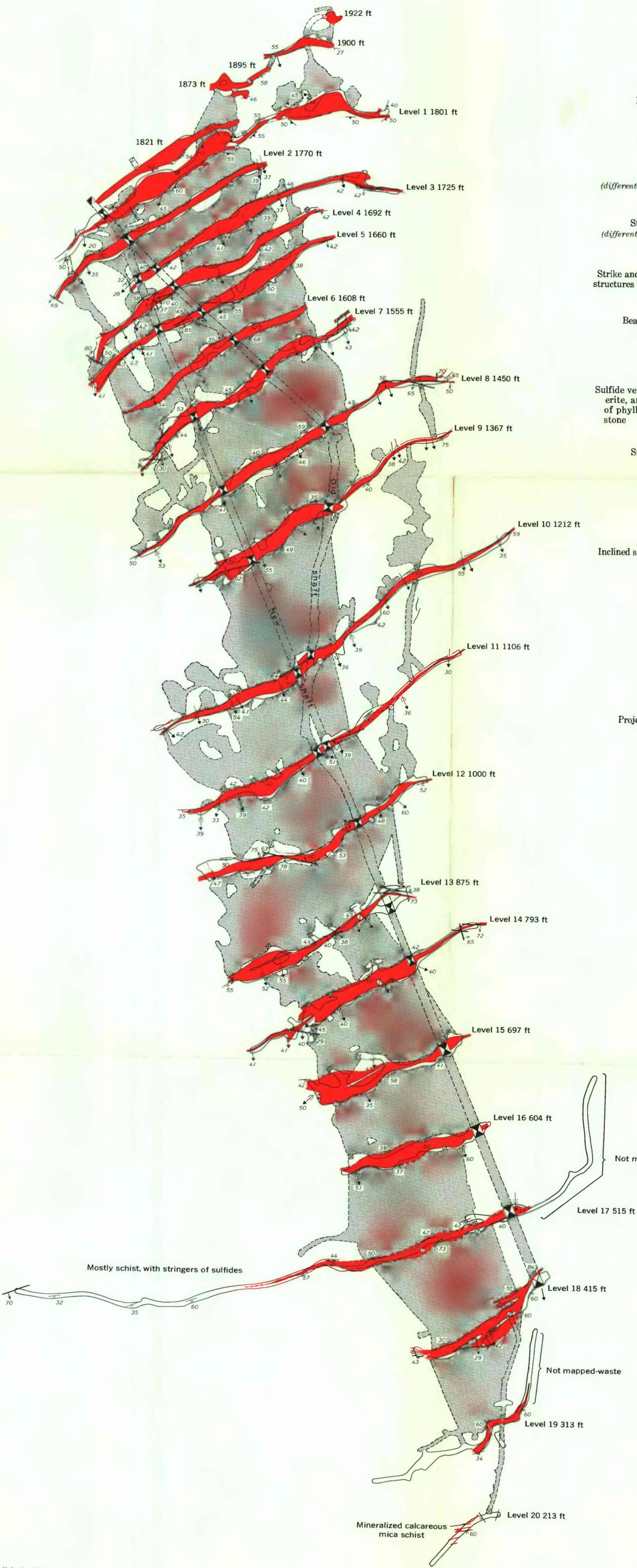
Foot of raise or winze

Head of raise or winze

Projection of inclined workings

TRUE NORTH  
MAGNETIC NORTH

APPROXIMATE MEAN  
DECLINATION, 1962

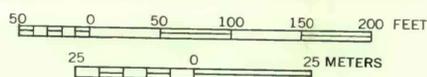


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INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—62163

Level 1 mapped by U.S. Geological Survey,  
Nov. 1943. All other workings mapped by  
H. F. Kendall and W. H. Emmons for Tennessee  
Corporation

GEOLOGIC MAP OF THE FONTANA MINE, SWAIN COUNTY, NORTH CAROLINA



ELEVATIONS OF LEVELS ARE IN FEET ABOVE SEA LEVEL