



**EXPLANATION OF SYMBOLS**

Geologic formation boundary (Observed, inferred)

Fault (Observed, inferred)

Fault (Showing direction of displacement)

Strike and dip of bedded rocks and of schistose and gneissic rocks

Prospect pit or quarry

Building stone sample locality

XG-26

**QUATERNARY HOLOCENE**

Alluvium  
Flood plain deposits of present stream

Travertine  
Porous limestone formed by precipitation of calcium carbonate from solution

**ORDOVICIAN ELLENBURGER FORMATION (RESTRICTED)**

Unnamed dolomite  
Gray and pink dolomite containing chert

Threadquill limestone  
Irony color; medium bedded and highly fossiliferous

SCALE

1 MILE  
5000 FEET  
1 KILOMETER

BASE MAP FROM AERIAL PHOTOGRAPHS OF THE KARGL AERIAL SURVEYS...

SURVEYED IN 1940  
 LOUIS DIXON - ASSISTANT  
 FLORENCE L. SMITH - DRAFTSMAN

**SERPENTINE AREA**  
 OF NORTHEASTERN GILLESPIE COUNTY  
 BY  
 VIRGIL E. BARNES

**CAMBRIAN**

Pedernales dolomite  
Fine-grained pink dolomite with little chert

San Saba limestone and associated reefs  
Dense to fine-grained algaecific limestone

Billingsella sp. (silicified) bed

Brown limestone

Point Peak shale  
Calcareous thin-bedded shale

Lower reef  
Mottled bluish-green massive limestone

Moran Creek limestone  
Medium to coarsely crystalline algaecific limestone

Eoarthia remicha texana (Walcott) bed

Gray limestone

Wedge sandstone  
Uniform-grained brown sandstone

WILBERNS FORMATION (THICK, UNCONFORMABLE, UNCORRELATED)

Lion Mountain sandstone  
Glaucous sandstone with limestone lenses in basal portion

Cap Mountain limestone  
Brown and gray massive algaecific limestones

Hickory sandstone  
Light green to white talcose, feldspathic, and chloritic soapstones

**PRE-CAMBRIAN**

Legion Creek granite  
Coarse-grained pink granite

Hornblende  
Dark greenish-black coarsely crystalline hornblende

Basic dikes  
Medium to fine-grained dark colored dikes

Coal Creek serpentine  
Serpentine-colored greens of many shades and with wide variety of textures

Big Branch gneiss  
Gray gneiss having a quartz diorite composition

Valley Spring gneiss  
Pink gneiss, predominantly feldspathic

Packsaddle schist  
Amphibolitic, micaceous, and talcose schists, predominantly of dark color

Soapstone  
Light green to white talcose, feldspathic, and chloritic soapstones

Modified from University of Texas Publication 4301