R. 9 W.

R. 8 W.

T 15 N

T 14 N

91°57' 56' 55' 54' 91°53'

35°57'

35°52'

56'

55'

54'

53'

EXPLANATION

RECENT
- Qal — Alluvium

MISSISSIPPIAN
- Mb — Boone Formation
- Msj — St. Joe Limestone

MISSISSIPPIAN (?)
- Ms — Sylamore Sandstone

SILURIAN
- Sl — Lafferty Limestone
- Ssc — St. Clair Limestone

ORDOVICIAN
- Oc — Cason Shale
- Of — Fernvale Limestone
- Ok — Kimmswick Limestone
- Op — Plattin Limestone
- Oj — Joachim Dolomite
- Osp — St. Peter Sandstone
- Oe — Everton Dolomite

Contact

20 — Location of measured section

Mine or Quarry

Gravel road

Guion

Rocky Bayou

Silica Sand Mine

Wal Quarry

Wilson Creek

MISSOURI PACIFIC R.R.

USC & GS BM B-25 313.5

USC & GS BM B-43 304.5

USC & GS BM C-49 311.9

IZARD COUNTY

STONE COUNTY

WHITE RIVER

N

GUION SHEET

GEOLOGIC MAP SERIES
OF THE
WHITE RIVER HIGH-CALCIUM LIMESTONE DISTRICT
IZARD, STONE, AND INDEPENDENCE COUNTIES, ARKANSAS

U. S. ENGINEER WHITE RIVER VALLEY SHEETS Nos. 34, 35, AND 39, 1942

SCALE IN FEET

1000 500 0 1000 2000 3000 4000 5000

ARKANSAS GEOLOGICAL AND CONSERVATION COMMISSION
1959

R. 8 W.

91°53'20" 91°53' 52' 51' 91°50'

T 15 N NORTH OF WHITE R.

T 14 N NORTH OF WHITE R.

T 15 N SOUTH OF WHITE R.

T 14 N SOUTH OF WHITE R.

54' 53' 52'

Wilson Creek

Lafferty Hollow

Love Hollow

Johnson Hollow

Lafferty Creek

Myersville Mine

Love Hollow Quarry

USC GS BM B-24 307.8

USC GS BM B-23 305.1

USC GS BM E-43 302.9

MISSOURI PACIFIC

IZARD COUNTY

STONE COUNTY

WHITE RIVER

Penters Bluff

McDermon Hollow

West Creek

IZARD INDEPENDENCE

STONE INDEPENDENCE

Mb Boone Formation
Msj St. Joe Limestone
Mc Chattanooga Shale
Ms Sylamore Sandstone
Dp Penters Chert
Sl Lafferty Limestone
Ssc St. Clair Limestone
Oc Cason Shale
Of Fernvale Limestone
Ok Kimmswick Limestone
Op Plattin Limestone
Oj Joachim Dolomite
Qal Alluvium

EXPLANATION

RECENT — Qal Alluvium

MISSISSIPPIAN — Mb Boone Formation; Msj St. Joe Limestone

MISSISSIPPIAN(?) — Mc Chattanooga Shale; Ms Sylamore Sandstone

DEVONIAN — Dp Penters Chert

SILURIAN — Sl Lafferty Limestone; Ssc St. Clair Limestone

ORDOVICIAN — Oc Cason Shale; Of Fernvale Limestone; Ok Kimmswick Limestone; Op Plattin Limestone; Oj Joachim Dolomite

Contact

Fault (U / D)

(2) Location of measured section

Limestone Quarry or Mine

Gravel road

N

Note:
The Geology of the area in Independence and Izard counties east of longitude 91° 51' was adapted from U. S. Geological Survey Geologic Map of the Central Part of the Batesville Manganese District 1950.

R. 8 W.

PENTERS BLUFF SHEET

GEOLOGIC MAP SERIES OF THE WHITE RIVER HIGH-CALCIUM LIMESTONE DISTRICT IZARD, STONE, AND INDEPENDENCE COUNTIES, ARKANSAS

U. S ENGINEER WHITE RIVER VALLEY SHEETS Nos. 35, 36, AND 39, 1942

SCALE IN FEET

1000 500 0 1000 2000 3000 4000 5000

ARKANSAS GEOLOGICAL AND CONSERVATION COMMISSION
1958