

County.....VANDERBURGH.....
T. 7 S.....R. 11 W.....
Sec...SE.NW.5.....
Other Survey.....

Quarry or Pit..X...Core.....Dim.....Other....
Name...West Franklin Quarry and Plant.....
Former Names.....
.....
Operator.....Mulzer Brothers.....
Former Operators.....

POSTAGE

INDUSTRIAL MINERALS SECTION
INDIANA GEOLOGICAL SURVEY
DEPARTMENT OF NATURAL RESOURCES
611 NORTH WALNUT GROVE
BLOOMINGTON, INDIANA, 47401

MEMORANDUM REPORTS BY:

| Name | Date |
|-------------------------------------|-------------------------|
| 1. D. D. Carr and L. F. Rooney |November 10.. 1965 |
| 2. | |
| 3. | |
| 4. | |
| 5. | |
| 6. | |
| 7. | |
| 8. | |
| 9. | |
| 10. | |

REMARKS

MEMORANDUM REPORT
BY
DONALD D. CARR
LAWRENCE F. ROONEY

MULZER BROTHERS WEST FRANKLIN QUARRY
VANDERBURGH COUNTY

Date of field examination-

November 10, 1965

Location-

West Franklin, Ind.-Ky. quadrangle. SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 5, T. 7 S., R. 11 W.
The plant and quarry are located southwest of Evansville off State
Highway 62 (old route) about 8.7 miles from Jct. U.S. 41 and St. Rd. 62.

The plant is located about 0.2 miles south of the highway near a
crude oil storage station and associated oil well pumping units.

Ownership and status-

The plant is owned by Mulzer Bros., Tell City, Indiana and
has not been in operation since February, 1965. An accident
at the plant in January, 1965, caused the plant to shut
down. It is indefinite when the plant will resume operation.
Information was provided by Mr. Cooper, Evansville Materials
(west side plant).

Equipment-

Equipment includes: one 1-yd. Northwest shovel, one Ford dump truck,
one GMC dump truck, one Haisse belt-bricket loader, one Austin-Webster
primary crusher and one Davey air compressor.

Products-

The plant has a capacity of 200 tons per day of crushed stone and
agricultural limestone.

Geology-

The following section was measured, described, and sampled:

| <u>Unit</u> | <u>Description</u> | <u>Sample No.</u> | <u>Thickness</u> | <u>Culmulative Thickness</u> |
|-------------|--|-------------------|------------------|----------------------------------|
| 3 | Overburden, consisting of soil and sandstone and shale of the Shelburn Formation. West Franklin Limestone Member. | -- | 10-30' | 30' |

| <u>Unit</u> | <u>Description</u> | <u>Sample No.</u> | <u>Thickness</u> | <u>Cumulative Thickness</u> |
|-------------|---|-------------------|------------------|---------------------------------|
| 2 | Limestone, mottled gray and light gray, micritic-skeletal, indistinct, medium-thick beds, argillaceous materials produces an orange-tan mottling on the weathered surface. Upper surface irregular but forms a sharp contact with underlying shale. Unit appears to thin toward north. Overlying sandstone dip 20° to north suggesting the underlying limestone may thicken to the south as much as 25 feet. This part of the unit may be a biohermal build-up. Lower 2' of unit covered. | | 11' | 41' |
| 1 | Limestone, gray, white, and reddish brown, dense, skeletal-micritic, (coral ?) Unit forms floor of quarry. Not able to examine in detail. | | unknown | |

Total thickness of West Franklin Limestone Member + 11.0 ft.

MULZER WEST FRANKLIN
VANDERBURGH Co.

[illegible]

INDIANA GEOLOGICAL SURVEY
SPECTROCHEMICAL ANALYSES
(IN PERCENT)

ABANDONED MULZER BROS. WEST FRANKLIN QUARRY
SE NW SEC. 5, T. 7 S., R. 11 W.
VANDERBURGH COUNTY

| RU/SAMPLE NO | THICK | CAC03 | MGC03 | SI02 | AL203 | FE203 | TI02 | MNO | CALC CO2 | CHEM CO2 | LOI | S | P205 |
|--------------------------|-------|-------|-------|------|-------|-------|------|------|-------------|-------------|------|------|------|
| SHELBURN | 30.0 | | | | | | | | | | | | |
| WEST FRANKLIN DC65-96 | 11.0 | 91.9 | 2.87 | 2.51 | .68 | 1.40 | .049 | .051 | 42.0 | 42.1 | 42.1 | .091 | .65 |

SDH - 366
Vanderburgh Co.
sec. 27, T. 5S., R. 10W.

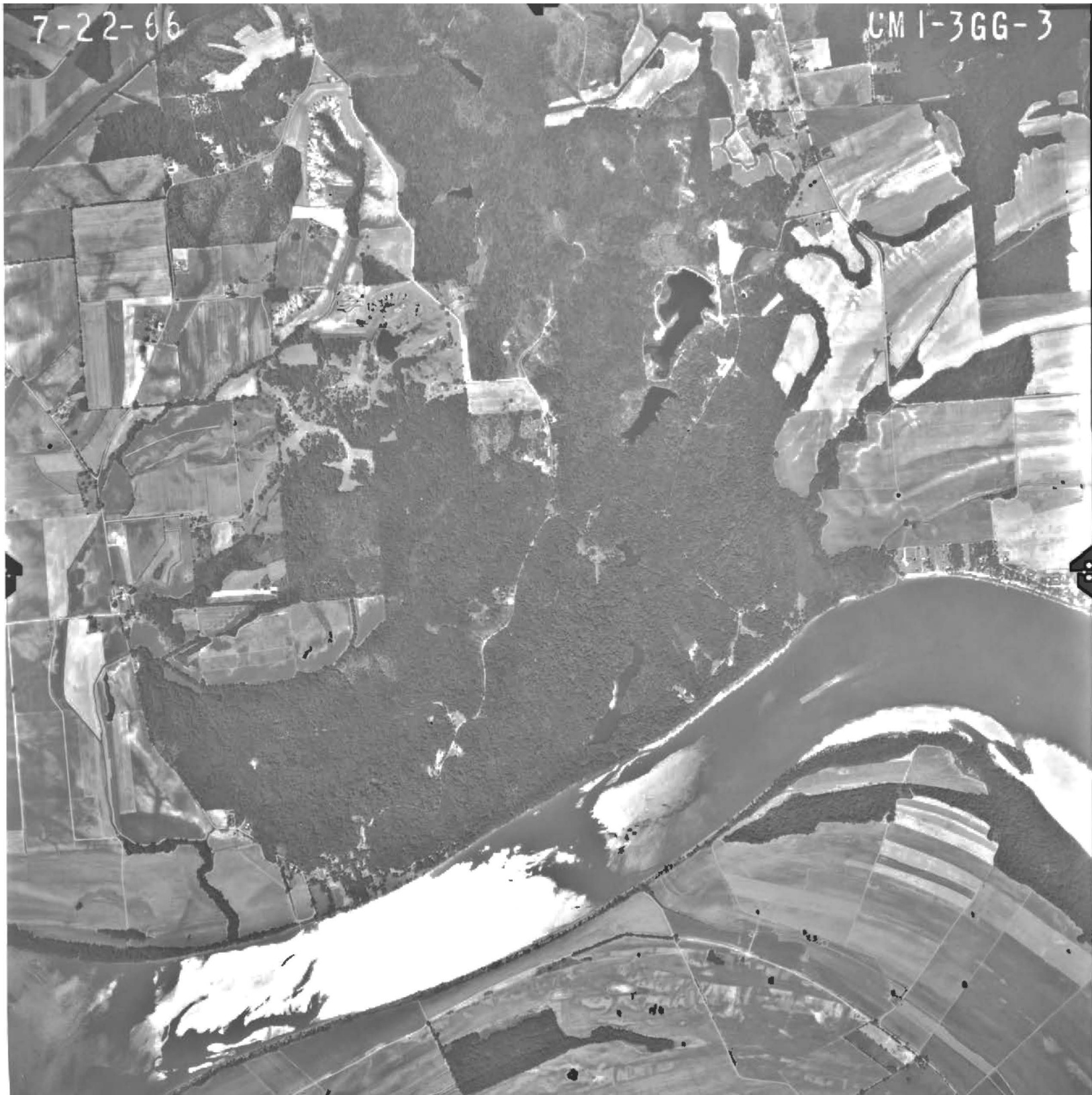
| Unit | Description | Depth | | Thick- ness | Sample |
|------|--|-------|-------|----------------|-----------|
| 1 | Shale, black; abundant white shells; calcareous; pyrite common; fractures | 342.6 | 342.7 | 0.1 | NS90-0090 |
| 2 | Limestone, light gray; fossiliferous | 342.6 | 343.3 | 0.6 | NS90-91 |
| 3 | Shale, black (N-2); with lighter burrows | 343.3 | 343.6 | 0.6 | NS90-92 |
| 4 | Shale, black, (N-2); fissile; phosphate laminae and lenses especially at top and near base | 343.6 | 344.2 | 0.6 | NS90-93 |
| 5 | Concretion, limestone; light brownish gray; fine grained; dense | 344.2 | 344.6 | 0.4 | NS90-94 |
| 6 | Shale black; fissile | 344.6 | 344.7 | 0.1 | NS90-95 |

Mulzer Brothers West Franklin Quarry
SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 5, T. 7 S., R. 11 W.
Vanderburgh County
By Donald D. Carr
November 19, 1965

| Unit | Description | Thick- ness | Depth | Sample |
|------|---|----------------|-------|-----------|
| 2 | Limestone, mottled gray and light gray, micritic-skeletal, indistinct, medium-thick beds, argillaceous materials produces an orange-tan mottling on the weathered surface. Upper surface irregular but forms a sharp contact with underlying shale. Unit appears to thin toward north. Overlying sandstone dip 20° to north suggesting the underlying limestone may thicken to the south as much as 25 feet. This part of the unit may be a biohermal build-up. Lower 2' of unit covered. | 11.0 | 41.0 | DC65-0096 |
| 1 | Limestone, gray, white, and reddish brown, dense, skeletal-micritic, (coral?). Unit forms floor of quarry. Not able to examine in detail. | | | |
| | Total thickness of West Franklin Limestone Member | 11.0 | | |

7-22-66

CMI-3GG-3



7-22-66

MI-3GG-4



Note Mulzer Bros quarry not in these photos