

County RIPLEY

T 7 N R 11 E

Sec SW SE 23

Other Survey

Quarry or Pit... ☒ Core Dim Other

Name ... Versailles Quarry

Former Names

Operator Berry Materials Corp.

Former Operators Paul Frank

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

MEMORANDUM REPORTS BY:		
	Name	Date
1	D. J. McGregor	Aug. 24, 1955
2	R. R. French	August 5, 1963
3	C. H. Ault	April 19, 1968
4	C. H. Ault	May 25, 1970
5	C. H. Ault	Sept. 29, 1972
6	.....	.....
7	.....	.....
8	.....	.....
9	.....	.....
10	.....	.....

REMARKS
Abandoned - see report for pit 1/2 mile in SE NW sec. 26
Chemical analyses

MEMORANDUM REPORT

by

Curtis H. Ault

BERRY MATERIALS CORP. QUARRY, NEAR VERSAILLES, RIPLEY COUNTY

Date of Field Examination:

C. H. Ault, April 19, 1968; May 29, 1970
R. R. French, August 5, 1963
D. J. McGregor, August 24, 1955

Location:

SW SE Sec. 23, T. 7 N., R. 11 E., two miles south of Versailles
on Indiana Highway 421, Ripley County

Ownership:

Berry Materials Corp., RFD 1, North Vernon, Indiana
Nat Huffman, President

Reserves:

25.4' of carbonate rock section now exposed. Operator
leases additional reserves from landowner as needed.

Products:

Crushed stone, aglime, rip rap. All stone from this quarry
has been classified grade A. Production is 1800 tons/day.

Crushing Equipment:

Primary jaw crusher, two secondary double roll crushers,
One triple roll crusher.

Personnel:

11 employees

Geology:

The quarry has not been deepened since previous report due
to argillaceous and shaly nature of the Osgood Member.

Total section exposed:

Laurel Member	22.9'	
Osgood Member	2.5'	exposed
Total	25.4	

NOTE: Laurel is only sparsely cherty.

MEMORANDUM REPORT
by
CURTIS H. AULT

BERRY MATERIALS CORP. QUARRY, NEAR VERSAILLES, RIPLEY COUNTY (ABANDONED)

Date of field examination: September 20, 1972

Location: SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 23-7N-11E; two miles south of Versailles on SR 421.

Operations: The quarry operations at this site have been closed due to lack of available additional property adjacent to the pit. Although the plant is still active here, the stone is hauled from the old Cord quarry, one-half mile south. See the memorandum report for that operation for additional details.

MEMORANDUM REPORT BY ROBERT R. FRENCH

Berry Materials Corp., quarry, 2 miles south of Versailles on Indiana Highway
421, Ripley County

Date of field examination.--August 5, 1963

Location.--SW SE Sec. 23, T. 7 N., R. 11 E.

Ownership.--Berry Materials Corporation purchased the property from Paul

Frank in 1961. General Manager is Nat Huffman, Madison, Indiana.

Production.--Quarry was shut down from Nov. 1962 to present. Crew was
preparing to start producing again in about 2 weeks (August 20, 1963)
for a 30 to 60 day period.

Previous Report.--D. J. McGregor (August 25, 1955), described and sampled
the Laurel formation.

New Data.--Since the last inspection the quarry has been deepened slightly
to expose the following section:

<u>Unit</u>	<u>Description</u>	<u>Thick.</u>	<u>Sample</u>
Osgood fm. 1	Dol, gray green, fine grain, argillaceous, stylo at top, sli vugular, few crystals, sli pyritic. Sharp color contrast with dark wavy lam carbonates of overlying Laurel fm.	2.5exp.	RF63-70

(Note: This unit is 5.4' at Cord St. Co., 0.8 miles south)

Total section known to date:

Laurel fm.	22.9
Osgood	2.5 exposed

Reference Cited:--McGregor, D. J. (1955) Paul Frank Quarry, Inc. South of Versailles, Ripley County, Dept. Cons. Geol. Survey open file memorandum report, p. 1-2.

Respectfully submitted,

Robert R. French

BERRY QUARRY	Ripley Co. R. 11 E. Sec. 23-7N11E 6370	56.6	31.2	17.7	2.2	1.6	1.0	.6	99.0	41.7	40.
--------------	--	------	------	------	-----	-----	-----	----	------	------	-----

Berry, Ripley

Berry Materials Corp.
Ripley County
SW SE sec. 23, T. 7 N., R. 11 E.
Robert R. French
August 5, 1963

Unit	Description	Thick- ness	Sample
	Osgood fm		
1	Dol, gray green, fine grain, argillaceous, stylo at top, sli vugular, few crystals, sli pyritic. Sharp color contrast with dark wavy lam carbonates of overlying Laurel fm.	2.5	RF63-0070
	Note: this unit is 5.4' at Cord St. Co., 0.8 miles south		
	Total section known to date:		
	Laurel fm.	22.9	
	Osgood	2.5	

MEMORANDUM REPORT BY DUNCAN J. McGregor

Berry St. Co

PAUL FRANK QUARRY, INC. SOUTH OF VERSAILLES, RIPLEY COUNTY, IND.Rock Loc 12-6
Pit & Quarry R55

v 48 no. 2 p103-104

Date of field examination. -- August 24, 1955.Location. -- Paul Frank operates a quarry about 2 miles south of Versailles city limits on state highway 421, and in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 23, T. 7 N., R. 11 E.Ownership. -- The quarry is owned and operated by Mr. Paul Frank of North Vernon, Indiana. Lloyd Anderson is the quarry superintendent.Geology. -- The quarry lies in the east part of the physiographic province named the Muscatatuck regional slope (Malott, 1922). The surface is relatively flat with maximum relief of about 40 feet. All drainage is westward into Graham Creek about 1.8 miles away where maximum relief is nearly 100 feet.

The stone quarried is in the Laurel limestone. No rocks older than the Laurel limestone are exposed in the quarry. The estimated thickness of the Laurel is 35 feet. The Osgood formation probably is present beneath the Laurel limestone.

The following section was measured and sampled.

Unit	Description	Thickness in feet	Chip Sample No.
6	Soil, red clay streaked with gray.	5.0	
5	Soil, red clay with residual Laurel limestone and chert particles.	4.0	
4	Limestone: weathered buff, fine grained dolomitic, dense, cherty, bedded, light in weight compared to underlying rock. Lower 1 foot same as above but gray in color. RS Mc 55-29 taken 2.0' from top of unit.	5.1	Mc55-28
3	Limestone: Gray, dense, fine grained, dolomitic, bedding 0.6 to 1.5 feet, stylolitic, few calcite cleavage plates, mottled in upper 0.8 foot. RS Mc 55-27 taken 1.0 foot from top of unit	6.9	Mc55-26

Unit	Description	Thickness in feet	Chip Sample No.
2	Limestone: Gray, massive, mottled dolomitic, porous, presence of water gives color contrast with less porous rock. RS Mc 55-25 taken 2.0 feet from base of unit.	5.0	Mc55-24
1	Limestone: Gray, massive, mottled, hard, stylolitic, dolomitic, wavy dark-gray banding. RS Mc 55-23 taken 3.0 feet from base of unit.	5.9	Mc55-22
	Total thickness of Laurel limestone	22.9	
	Total thickness of measured section	31.9	

Quarry operation. -- The stone is quarried in two ledges to a depth of about 23 feet. The quarry will be deepened another 12 feet where excavation is large enough to make it feasible.

Equipment in use includes 1 Pioneer 30-x-42 inches jaw primary crusher; 1 diamond 15 x 36 inches and 1 Pioneer 40 x 22 inches double roll secondary crushers; 2 Pioneer double deck, 4 x 18 feet vibrating screens; 1 Koehring $1\frac{1}{2}$ yard shovel, 2 (2) 15 ton Mack dump trucks, 2 Worthington wagon drills, 2 Worthington compressors. All power is electric. Number of men employed: 12.

All products are shipped by truck. Nearest rail connection is the Baltimore and Ohio at Osgood 8.2 miles north by road.

Production. -- Daily production is now 400 tons. It is expected that 1500 T.P.D. will be reached in about a month.

Reserve: Mr. Frank indicated that he had a five year stone reserve.

Respectfully submitted,

Duncan J. McGregor
Duncan J. McGregor

References cited: Malott, C. A. (1922) The physiography of Indiana, Handbook of Indiana geology. Part II, Dept. Cons. p. 59-250.

SPECTROCHEMICAL ANALYSES OF THE PAUL FRANK QUARRY, INC. SOUTH OF VERSAILLES, RIPLEY COUNTY

[illegible]

Paul Frank Ripley

Paul Frank Quarry, Inc.
Ripley County
SW SE sec. 23, T. 7 N., R. 11 E.
Duncan J. McGregor
August 24, 1955

Unit	Description	Thick- ness	Sample
6	Soil, red clay streaked with gray.	5.0	
5	Soil, red clay with residual Laurel limestone and chert particles.	4.0	
4.1	Limestone; weathered buff, fine grained dolomitic, dense, cherty, bedded, light in weight compared to underlying rock. Lower 1 foot same as above but gray in color. RS MC55-29 taken 2.0' from top of unit.	5.1	MC55-0029
4.2	Limestone; weathered buff, fine grained dolomitic, dense, cherty, bedded, light in weight compared to underlying rock. Lower 1 foot same as above but gray in color. RS MC55-29 taken 2.0' from top of unit.		MC55-0028
3.1	Limestone; gray, dense, fine grained, dolomitic, bedding 0.6 to 1.5 feet, stylolitic, few calcite cleavage plates, mottled in upper 0.8 foot. RS MC55-27 taken 1.0 foot from top of unit	6.9	MC55-0027
3.2	Limestone; gray, dense, fine grained, dolomitic, bedding 0.6 to 1.5 feet, stylolitic, few calcite cleavage plates, mottled in upper 0.8 foot. RS MC55-27 taken 1.0 foot from top of unit		MC55-0026
2.1	Limestone; gray, massive, mottled dolomitic, porous, presence of water gives color contrast with less porous rock. RS MC55-25 taken 2.0 feet from base of unit.	5.0	MC55-0025
2.2	Limestone; gray, massive, mottled dolomitic, porous, presence of water gives color contrast with less porous rock. RS MC55-25 taken 2.0 feet from base of unit.		MC55-0024
1.1	Limestone; gray, massive, mottled, hard, stylolitic, dolomitic, wavy dark-gray banding. RS MC55-23 taken 3.0 feet from base of unit.	5.9	MC55-0023
1.2	Limestone; gray, massive, mottled, hard, stylolitic, dolomitic, wavy dark-gray banding. RS MC55-23 taken 3.0 feet from base of unit.		MC55-0022
	Total thickness of Laurel limestone	22.9	
	Total thickness of measured section	31.9	

INDIANA GEOLOGICAL SURVEY
SPECTROCHEMICAL ANALYSES
(IN PERCENT)
ABANDONED BERRY MATERIALS CORP. QUARRY
SW SE SEC. 23, T. 7 N., R. 11 E.
RIPLEY COUNTY

RU/SAMPLE NO	THICK	CAC03	MGC03	SI02	AL203	FE203	TI02	MNO	CALC CO2	CHEM CO2	LOI	S	P205
LAUREL													
MC55-28	5.1									39.1	38.8	.020	.015
MC55-26	6.9	57.4	34.0	6.03	.93	.54	.063	.029	43.0	44.7	44.0	.11	.020
MC55-24	5.0	57.3	36.9	4.01	.56	.62	.040	.034	44.5	45.5	45.1	.12	.007
MC55-22	5.9	60.9	33.9	3.41	.62	.55	.049	.030	44.5	45.9	44.8	.12	.012



View of Paul Frank Quarry.
South wall. Total
thickness is 22.9 ft

Unit 4	5.1	11° 55' 28"
Unit 3	6.9	26
Unit 2	5.0	24
Unit 1	5.9	22.

Ripley County.
sec 23 T7N, R11E.



South wall of Quarry.
Paul Frank Ripley Co.