

County RIPLEY
T ... 9 N R ... 11 E
Sec .. NE NE .. 29
Other Survey

Quarry or Pit... X Core Dim Other
Name ... Napoleon Quarry
Former Names
.....
Operator ... New Point Stone Company
Former Operators .. Napoleon Quarry, Inc., Napoleon Lime Industry

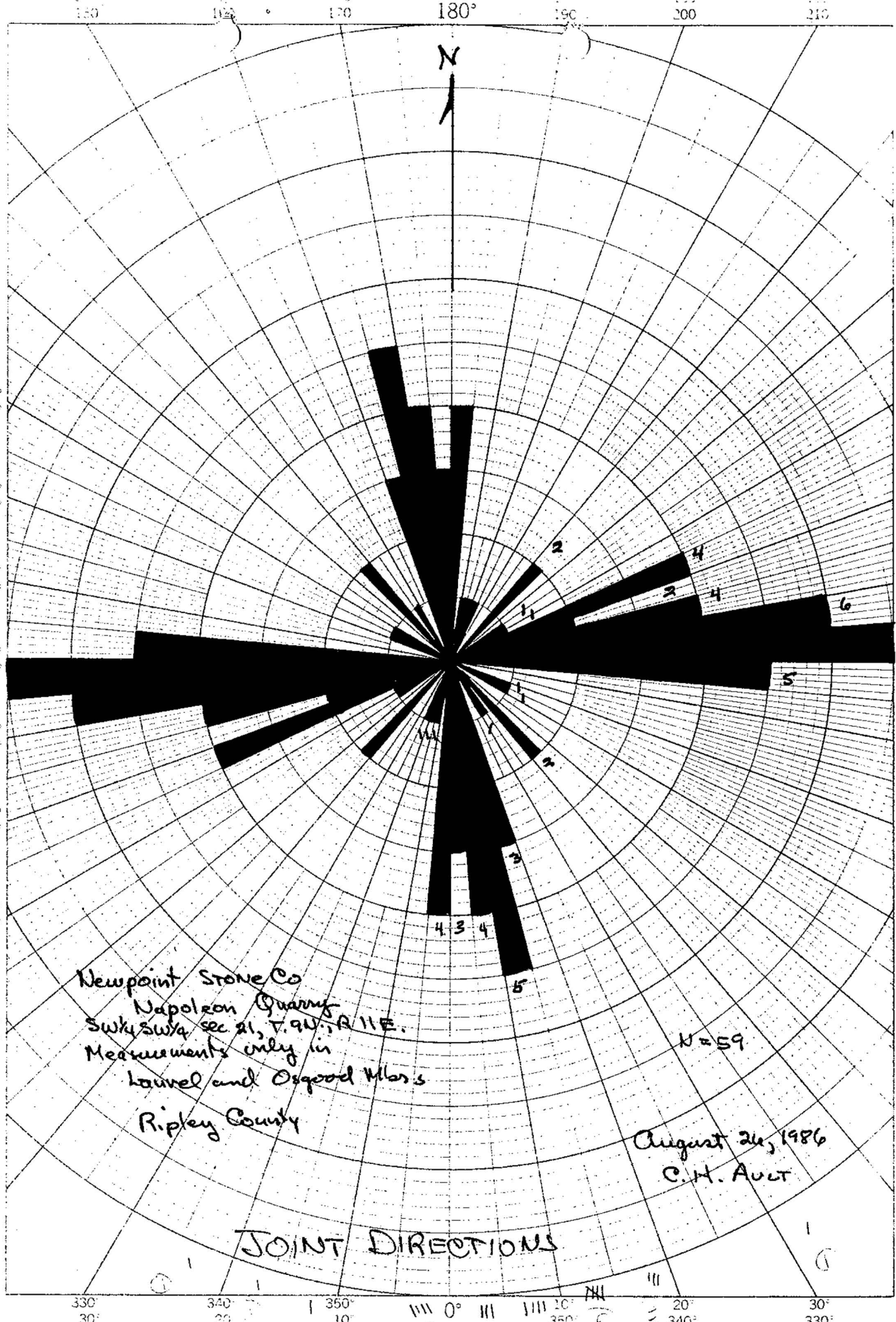
COAL AND INDUSTRIAL MINERALS SECTION
INDIANA GEOLOGICAL SURVEY
DEPARTMENT OF NATURAL RESOURCES
611 NORTH WALNUT GROVE
BLOOMINGTON, INDIANA 47401

MEMORANDUM REPORTS BY:

Name	Date
1 J. B. Patton	August 14, 1947
2 T. G. Perry	August 3, 1953
3 R. R. French	August 5, 1963
4 R. R. French	Sept. 9, 1965
5 C. H. Ault	July 3, 1968
6 C. H. Ault	May 25, 1970
7	
8	
9	
10	

REMARKS

Chemical analyses



46 4410

POLAR CO-ORDINATE
WIND FREQUENCY

Newpoint Stone Co
Napoleon Quarry
SW 1/4 sec 21, T. 9N., R. 11E.
Measurements only in
Laurie and Osgood Mts
Ripley County

N=59

August 26, 1986
C.H. Auct

JOINT DIRECTIONS

MEMORANDUM REPORT
BY
CURTIS H. AULT

NEWPOINT STONE CO. QUARRY NEAR NAPOLEON, RIPLEY COUNTY, INDIANA

Date: October 28, 1982; *July 24, 1985; April 5, 1990*

Location: Active part of quarry is in NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28 and SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21,
T. 9 N., R. 11 E.; Osgood quadrangle
One mile E of Napoleon on S.R. 229.

Ownership: Newpoint Stone Co.
P.O. Box 68
Napoleon, IN 47034

Officer: Steve Wanstrath, Gen. Mgr.

Telephone: 812-852-4225

Geology: The geology remains the same as described in previous reports.

Exposed in the quarry:

Overburden	5-8 feet
Laurel	15.0
Osgood	15.6
Brassfield	<u>12.1</u>
	42.7 bedrock exposed

MEMORANDUM REPORT

BY

CURTIS H. AULT

NEW POINT STONE COMPANY QUARRY, NEAR NAPOLEON, RIPLEY COUNTY, INDIANA

Date of field examinations:

C. H. Ault, July 3, 1968; May 25, 1970
R. R. French, Aug. 5, 1963; Sept. 9, 1965
T. G. Perry, Aug. 3, 1953
J. B. Patton, Aug. 14, 1947

Location: NE Sec. 29-9N-11E; Osgood Quad.
1 mile east of Napoleon on SR 229.

Ownership: New Point Stone Company
R. R. 1
Batesville, Indiana 47006

Officers: Louis and Norman Wanstrath, Owners
Harry Starks, Manager

Telephone: 812-852-4225

Personnel: 12

Production: Crushed and agricultural limestone, flagstone, riprap, pug mill.

Capacity: Primary Crusher - 200 tons/hour

Geology: Laurel limestone is quarried in pit east of N-S road. The pit is expanding rapidly because only 15 feet of stone is quarried. I found the chert here to be in greater abundance than in South Eastern's abandoned quarry at Osgood and Berry Materials' quarry at Versailles, but still much less than at many places in SE Indiana in the upper part of the Laurel.

East Pit

Overburden	5 - 8 feet
Laurel Ls. Mbr.	15.0
(no recognizable Osgood found)	

20-23 feet

OK 9 Sept. 65
OK 3 July 68 CMA

MEMORANDUM REPORT
BY
ROBERT R. FRENCH

NEW POINT STONE COMPANY QUARRY, NEAR NAPOLEON, RIPLEY COUNTY, IND.

Date of field examinations.- CMA *Advt 3 July '68 - OK*
R.R.French, 5 August, 1963 9 Sept 1965
T.G.Perry, 3 August, 1953
J.B.Patton, 14 August, 1947

Location.-
NE NE section 29, T.9N., R.11E.
 $\frac{1}{2}$ mile east of Napoleon, in Ripley County.

Ownership.-
New Point Stone Company, R.R. 1, Batesville, Indiana.
Mr. Harry Starks, Plant Manager.

Reserves.-
Maximum carbonate section exposed is 26 feet thick.
Company owns a 22 acre tract.

Products.-
Crushed stone, aglime, flagstone, riprap.
Maximum production is 1200 tpd., primary crusher 200 ton/hr
All shipments are by road.

Personnel.-
Twelve employees (max).

Geology.-
The quarry exposes approximately 18 feet of Laurel limestone and 8 feet of Osgood, but only the upper 12 to 15 feet are being quarried at the present time. The Laurel in this area appears to be much lighter gray, well bedded and with considerably less carbonaceous and cherty material than the more southerly exposures. Elevation of the highest exposed strata is 979 feet.

References.-
Perry, T.G. (1953) Napoleon Quarry, Inc., Ripley County, Ind. Dept. Cons., Geol Survey, open-file memorandum report.
Patton, J.B. (1947) Napoleon Lime Industry Quarry east of Napoleon, Ripley County, Ind. Dept. Cons. Geol. Surv., open-file memorandum report.

Respectfully submitted,

Robert R. French

Is this the same as the New Point Stone Company?

AS
Osgood

MEMORANDUM REPORT BY T. G. PERRY

NAPOLEON QUARRY, INC. 0.5 MILE EAST OF NAPOLEON, RIPLEY COUNTY

Loc. 72

Date of field examination. -- August 3, 1953.

Location. -- The quarry and property of the Napoleon Quarry, Inc. are located in the ~~NE1/4~~ sec. 29, T. 9 N., R. 11 E., 0.5 mile east of Napoleon and immediately west of a north-south county road, in Ripley County.

Ownership. -- The name and ownership of this quarry changed in November 1949. The president of the newly formed corporation is Dr. George Roe, Osgood, Indiana; the quarry manager, who furnished information for this report, is Mr. E. H. Dean, Napoleon, Indiana. The corporation owns a 22-acre tract on which the quarry is located; additional land can be readily acquired.

Elevation. -- The altitude of the highest exposed limestone in this quarry is 9.0 feet less than the altitude of U. S. Coast and Geodetic Survey Azimuth Mark Crusemeyer, established in 1939, in the ~~NE1/4~~ sec. 5, T. 8 N., R. 11 E., about 8.0 feet south of an east-west road, in Ripley County. The altitude of the highest exposed limestone is 979 feet.

Geology. -- Patton (1947, pp. 1-3) measured and sampled a 19.7-foot section of Laurel limestone and described the geologic setting of the quarry. The present quarry face measures 19.2 feet. The current face is remarkably free from chert; according to Mr. Dean, chert is only encountered in recent operations as 1.5-inch bed which occurs about 8.0 feet below the highest exposed limestone. Because operations have not exposed additional section since 1947, samples were not collected.

Future plans. -- Mr. Dean claims that the quarry shall expand laterally but not vertically. The presence of several feet of shale and argillaceous limestone immediately beneath the quarry floor prohibits the deepening of the quarry; a sparse amount of this argillaceous material (presumably in the Osgood formation) can be seen in the vicinity of the sump.

Quarrying problems. -- Serious difficulties in quarrying do not exist at this site, although the removal of 11.0 feet of soil overburden in recent stripping operations proved costly but not difficult.

Personnel. -- Nine employees are usually engaged.

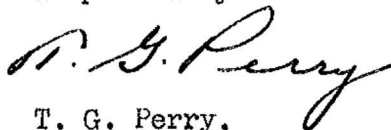
Equipment. -- The following major items of equipment are in use: 1 Link-Belt Speeder 3/4-yard shovel; 1 3/4-yard Koehring shovel; 4 quarry trucks; 1 Sullivan wagon drill; 2 pumps, 1 2-inch and 1 4-inch; 1 New Holland 30 x 30 primary crusher; 1 Gruendler pulverizer; 1 4 x 12 Diester screen; 1 36-foot, 18-inch conveyor; 1 bucket loader; and 1 Ford front-end loader.

Production. -- The plant operates about 4 days weekly. Daily production averages 400 tons; production is equally divided between crushed stone and agricultural lime. Ripley County Highway Department, which purchases about 25,000 tons of crushed stone yearly from the corporation, is the main outlet for the crushed stone production. The present stockpile of all commodities approximates 8,000 tons.

References cited. --

Patton, J. B. (1947) Napoleon Lime Industry quarry east of Napoleon, Ripley County, Indiana Dept. Cons. Geol. Survey open-file memorandum rept., pp. 1-3.

Respectfully submitted,



T. G. Perry,
Party Chief

Vevay, Indiana
August 14, 1947

MEMORANDUM REPORT BY JOHN B. PATTON

NAPOLEON LIME INDUSTRY QUARRY EAST OF NAPOLEON, RIPLEY COUNTY

Date of field examination.--August 14, 1947

Location.--The quarry of the Napoleon Lime Industry is reached by driving east three-eighths of a mile on Indiana Highway 229 and turning north for one quarter of a mile on a rock surfaced road. The quarry then lies on the west side of this road. It is located in the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of sec. 29, T. 9 N, R. 11 E.
3

Ownership.--The Napoleon Lime Industry belongs to Mr. Robert McClanahan and Mr. Lester Crowell, both of Napoleon. All operations are on a 20 acre tract owned in fee by Mr. McClanahan. Information for this report was furnished by Mr. Crowell.

Geology.--The area in which the quarry is situated is in the eastern part of the physiographic province named the Muscatatuck Regional Slope (Malott, 1922). The quarry examined lies in quite level country. A small intermittent creek with less than ten feet of relief passes the quarry on the north. All drainage in the immediate area passes into Laughery Creek.

The following section was measured and the limestones sampled:

FT. in.

8 Soil overburden. Upper 2 feet contain some humus. Lower 6 feet gray and tan shaly clay.

5.4' 5 Light gray hard crystalline limestone with 8 to 14 inch bedding. Rock sample No. 2 was taken 2 feet 10 inches above the base of this zone.

0.4' 5 Bed with gray dense limestone in middle and lenticular white chert at top and base.

0.9' 11 Light tan crystalline dolomitic limestone. Chip sample No. 2 represents this zone and the next two zones above, with a total thickness of 6 feet 9 inches.

0.9' 11 Gray dense dolomitic limestone

0.3' 4 Interbedded white chert and gray dense dolomitic limestone.

8.8' 8 9 Gray dense dolomitic limestone. Rock sample No. 1 was taken 3 feet 1 inch from the top of this zone.

1.5' 1 6 Gray crystalline limestone. Chip sample No. 1 is representative of this zone and the next three zones listed above, with a total thickness of 11 feet 6 inches.

Laurel ls.

P47-63

6.7

P47-61

11.5

Ft. in.

- 7 repeated
- | | | |
|---|---|---|
| 1 | 6 | Gray crystalline limestone. Chip sample No. 1 is representative of this zone and the next three zones listed above, with a total thickness of 11 feet 6 inches. |
| 1 | | <u>Reported</u> thickness of solid limestone below present quarry floor. Only the upper surface is exposed and is of the same texture as the overlying bed. |
| 5 | | Reported thickness of soft light gray shaly limestone encountered in digging the sump for the quarry and now under water. (Operator plans to blast out new sump this season and have this section tested for agricultural limestone value.) |

The overburden is from 8 to 10 feet in thickness in the area now being worked and thickens to the north toward the small creek. The thickening is at the expense of the limestone, as the upper portion of the stone is cut out toward the north. The face measured was 18 feet 3 inches in total thickness, but the operator reports that the average section quarried is 20 feet and that 20 foot drills are put down in most places.

An interesting sub-soil drainage pattern is exhibited in the areas stripped but not yet quarried. A well-defined dip and strike joint system has been widened into broad shallow grikes which have formed water-courses for carrying away rainfall as it soaks into the soil and temporarily raises the water table above the bedrock. These grikes are cleaned by hand methods after the main bulk of soil has been removed by scraping.

All the limestone being quarried is Laurel. The shaly stone reported below the quarry floor is probably Osgood. Foerste (1897, p. 210) refers to the presence of limestones of Osgood age which are difficult to distinguish from the overlying Laurel. The presence of Osgood, Brassfield and beds of Richmond age are reported by Foerste (1896, P. 266), all within less than a mile to the northwest.

Quarrying operations.--A pit 560 feet long in a north-south direction and 320 feet wide has been removed. The shape is elliptical. The crushing plant is in the floor of the pit.

Equipment in use includes a Sullivan 360 cubic-foot compressor, one Ingersoll-Rand and two Chicago Pneumatic jack-hammers, a wagon drill, a Link-Belt Speeder 3/4 yard shovel, a Ford front-end loader, a new Holland primary crusher, a Gruendler pulverizer and two quarry trucks. Power for the crushers and conveyors is diesel.

The company does its own stripping. Agricultural lime is spread with two trucks. Tests have shown a CaCO_3 equivalent of 93.5 to 98%.

Products are all transported by truck. The nearest rail connection is the Baltimore and Ohio at Osgood, a road distance of six miles.

Production.--Present daily production is 200 tons of crushed road stone. No agricultural lime is being made at present, but will be shortly. Capacity is 250 tons each eight hour day. Cumulative production for 1946 was 35,000 tons.

Reserves.--The section now being quarried should produce an estimated 697,000 tons from the acreage now owned by Mr. McClanahan. More acreage is available for lease or purchase if desired. It appears that an insufficient thickness of Laurel limestone lies beneath the quarry floor to be worth removing. However, the section below the Laurel may be usable here as it is at New Point.

Respectfully submitted,

John B. Patton
John B. Patton
Geologist

Foerste, A. F. (1896) A Report on the Geology of the Upper and Middle Silurian Rocks of Clark, Jefferson, Ripley, Jennings and Southern Decatur Counties, Indiana, 21st Ann. Rept., Ind. Dept. Geol. and Nat. Res., p. 213-88.

____ (1897) A Report on the Niagara Limestone Quarries of Decatur, Franklin and Fayette Counties, with Remarks on the Geology of the Upper and Middle Silurian Rocks of these and Neighboring Counties, 22nd Ann. Rept., Ind. Dept. of Geol. and Nat. Res., 195-255

Malott, C. A. (1922) The Physiography of Indiana, Handbook of Ind. Geol., Part II Ind. Dept. Cons., p. 59-256.

SPECTROCHEMICAL ANALYSES OF THE ~~NAPOLEON~~ QUARRY, INC. EAST OF NAPOLEON, RIPLEY COUNTY

[illegible]

MEMORANDUM REPORT

by
Curtis H. Ault

New Point Stone Co. quarry near Napoleon, Ripley County, Indiana

Date: March 7, 1991

Location: SW¼SW¼ sec. 21, T. 9 N., R. 11 E; Osgood Quad.
One mile east of Napoleon on SR 229.

Company: New Point Stone Co.
P.O. Box 68
Napoleon, IN 47034

Officers: Steve Wanstrath, General Manager

Telephone: 812/852-4225

Geology: No change in geology. Operator says that the Brassfield is being used for high-quality high-calcium aglime. This quarry is now the only quarry in the state utilizing the Brassfield, which is very thick at this location.

MEMORANDUM REPORT

BY

CURTIS H. AULT

NEW POINT STONE CO. QUARRY, NEAR NAPOLEON, RIPLEY COUNTY, INDIANA

Date of field examination: August 4, 1978, *Aug 25, 1980 - no change - C.H. Ault*

Location: Active part of the quarry is in NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28 and SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21,
T. 9 N., R. 11 E.
One mile east of Napoleon on S.R. 229.

Ownership: New Point Stone Co.
P. O. Box 68
Napoleon, IN 47042

Officers: Louis J. Wanstrath Pres.
Dan and Steve Wanstrath, Mgrs.

Telephone: 812/852-4225

Geology: The quarry has been deepened within the last year. Now exposed in the quarry is a thick section of the Brassfield Limestone, which the operator says is a source of high-quality aggregate. The section was described near the sump pit where slabs of blue-gray shelly, coralline Cincinnati limestone have been dredged out of the pit. The below therefore represents essentially a complete section of Brassfield.

Overburden	5-8 feet
Laurel Member	15.0 feet (somewhat variable)
Osgood Member	15.6
Brassfield Limestone	<u>12.1</u>
Total bedrock exposed	42.7 feet

Description is attached

NEW POINT STONE CO. QUARRY, NEAR NAPOLEON, RIPLEY COUNTY, INDIANA

NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28 and SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21, T. 9 N., R. 11 E.

The below section was measured and described from the quarry face at and near the sump pit in a deepened north part of the quarry. Unit 1 below begins at the base of the Laurel Member section described in previous reports. Description by C. H. Ault, August 4, 1978

<u>Unit</u>	<u>Description</u>	<u>Thickness</u>	<u>Depth</u>	<u>Sample</u>
	<u>SILURIAN</u>			
	<u>Salamonie Dolomite</u>			
	<u>Osgood Member</u>			
1.	Shale, gray, slightly micaceous and silty, calcareous; section contains a few thin beds of limestone, tan, very fine grained and fossiliferous with shell fragments.	3.3	15.0	CA78-193
2.	Limestone, tan, very-fine- to medium-grained, fossiliferous, many shell fragments, glauconite, pyrite; appears somewhat silty in part; thin to thick bedded, some thin shale bands.	5.6	18.3	CA78-194
3.	Limestone, dolomitic in part, tan with much rust coloring on quarry face surfaces, fine grained fossil fragments, silty and argillaceous, chonchoidal fracture in much of section.	4.9	23.9	CA78-195
4.	Limestone, gray with yellowish buff stained surfaces, very fine grained, fossiliferous, shell and other fragments common; flaggy bedded.	1.5	28.8	CA78-196
	<u>Brassfield Limestone</u>			
5.	Limestone, yellowish tan, medium grained crystalline, slightly fossiliferous - one large coral observed, some very thin shale partings, calcite filling in some vugs.	12.1	30.3	CA78-197 30.3-35.8 CA78-198 35.8-42.4

Total Depth to water in sump 42.4 feet

NOTE: Rock debris dredged from sump pit contains blue-gray, shelly, coralline limestone slabs, which are Cincinnati. Base of Brassfield should be very close to top of sump pit.

INDIANA GEOLOGICAL SURVEY
SPECTROCHEMICAL ANALYSES
(IN PERCENT)
NEW POINT STONE CO. QUARRY, NAPOLEAN
JCT. SEC. 20, 21, 28 AND 29, T. 9 N., R. 11 E.
RIPLEY COUNTY

[illegible]

D. MILLS ATTN E. FARROW
SOURCE
FIELD OFFICE (3)

INDIANA STATE HIGHWAY COMMISSION
DIVISION OF MATERIALS AND TESTS
SUMMARY OF QUALITY RESULTS

AUGUST 25, 1980

SOURCE NEW POINT STONE COMPANY 2537
R.R.1 NAPoleon, IN. 47034

ELEVATION TOP OF LEDGE 1 983 FEET ABOVE MSL

LEDGE QUALITY

LAB NUMBER	DATE SAMPLED	LEDGE NUMBER	GEOLOGICAL FORMATION	BULK SP.G. PCT	ABS. PCT	BRI.	L.A. WEAR PCT	S.S. LOSS PCT	F.T. QUAL LOSS RATNG PCT	APPROX DATA THICK FT	VALID UNTIL
79-28011	09-06-78	1	SALAMONIE	2.643	1.31	.17	27.96	17.55	2.03 A1	15	12-06-80
80-28225	06-05-80	3	SALAMONIE	2.597	2.27	.03	39.14	39.01	G1 *	5	09-05-82
80-28226	06-05-80	3	SALAMONIE	2.616	1.84	.04	34.92	32.49	G1 *	5	09-05-82
80-28227	06-05-80	3	SALAMONIE	2.601	2.00	.07	34.10	37.08	G1 *	5	09-05-82
79-28013	09-06-78	4	SALAMONIE	2.560	3.45	.41	33.00	70.33	G1 *	6	12-06-80
79-28014	09-06-78	5	BRASSFIELD	2.637	1.28	.17	38.36	11.14	A1	10	12-06-80

NOTES: THIS IS A CATEGORY 1 SOURCE.

FOR PRODUCTION SAMPLE QUALITY RESULTS SEE SUMMARY LETTER DATED APRIL 8, 1980.

*THIS MATERIAL DOES NOT MEET QUALITY REQUIREMENTS FOR ANY STATE HIGHWAY USE.

LEDGE 2 IS SHALE AND WAS NOT SAMPLED.

SAMPLES REPRESENTED BY LAB NUMBERS 80-28225 THRU 80-28227 WERE TAKEN FROM THE NORTH FACE AND AT APPROXIMATELY 100 FEET INTERVALS FROM THE WEST TO EAST SIDE. SAMPLES TAKEN FOR INVESTIGATION OF PRODUCTION SAMPLE LAB NO. 80-28696.

THIS REPORT IS FOR INFORMATION ONLY AND
IS NOT INTENDED TO BE USED FOR ADVERTISING.

CHIEF, DIVISION OF MATERIALS AND TESTS

New Point Stone Co. Quarry
near Napoleon
Ripley County

NW¼ NW¼ sec. 28 and SW¼ SW¼ sec. 21, T. 9 N., R. 11 E.

The below section was measured and described from the quarry face at and near the sump pit in a deepened north part of the quarry.

Unit 1 below begins at the base of the Laurel Member section described in previous reports.

Description by C. H. Ault

August 4, 1978

Unit	Description	Depth		Thick- ness	Sample
	Silurian				
	Salamonie Dolomite				
	Osgood Member				
1	Shale, gray, slightly micaceous and silty, calcareous; section contains a few thin beds of limestone, tan, very fine grained and fossiliferous with shell fragments.	15.0		3.3	CA78-0193
2	Limestone, tan, very-fine- to medium-grained, fossiliferous, many shell fragments, glauconite, pyrite; appears somewhat silty in part; thin to thick bedded, some thin shale bands.	18.3		5.6	CA78-0194
3	Limestone, dolomitic in part, tan with much rust coloring on quarry face surfaces, fine grained fossil fragments, silty and argillaceous, chonchoidal fracture in much of section.	23.9		4.9	CA78-0195
4	Limestone, gray with yellowish buff stained surfaces, very fine grained, fossiliferous, shell and other fragments common; flaggy bedded.	28.8		1.5	CA78-0196
	Brassfield Limestone				
5.1	Limestone, yellowish tan, medium grained crystalline, slightly fossiliferous - one large coral observed, some very thin shale partings, calcite filling in some vugs.	30.3	35.8	12.1	CA78-0197
5.2	Limestone, yellowish tan, medium grained crystalline, slightly fossiliferous - one large coral observed, some very thin shale partings, calcite filling in some vugs.	35.8	42.4		CA78-0198
	Total Depth to water in sump	42.4			
	NOTE: Rock debris dredged from sump pit contains blue-gray, shelly, coralline limestone slabs, which are Cincinnati. Base of Brassfield should be very close to top of sump pit.				

Napoleon Lime Industry Quarry
 East of Napoleon
 Ripley County
 NE¼ NE¼ sec. 29, T. 9 N., R. 11 E.
 John B. Patton
 August 14, 1947

Description	Feet	Inches	Sample
Soil overburden. Upper 2 feet contain some humus. Lower 6 feet gray and tan shaly clay.	8		
Light gray hard crystalline limestone with 8 to 14 inch bedding. Rock sample No. 2 was taken 2 feet 10 inches above the base of this zone.	5	5	RS47-0002
Bed with gray dense limestone in middle and lenticular white chert at top and base.		5	
Light tan crystalline dolomitic limestone. Chip sample No. 2 represents this zone and the next two zones above, with a total thickness of 6 feet 9 inches.		11	CS47-0002
Gray dense dolomitic limestone		11	
Interbedded white chert and gray dense dolomitic limestone.		4	
Gray dense dolomitic limestone. Rock sample No. 1 was taken 3 feet 1 inch from the top of this zone.	8	9	RS47-0001
Gray crystalline limestone. Chip sample No. 1 is representative of this zone and the next three zones listed above, with a total thickness of 11 feet 6 inches.	1	3	CS47-0001
Reported thickness of solid limestone below present quarry floor. Only the upper surface is exposed and is of the same texture as the overlying bed.	1		
Reported thickness of soft light gray shaly limestone encountered in digging the sump for the quarry and now under water.	5		

MEMORANDUM REPORT
BY
ROBERT R. FRENCH

NEW POINT STONE COMPANY QUARRY, NEAR NAPOLEON, RIPLEY COUNTY, IND.

Date of field examinations.-

R.R.French, 5 August, 1963 9 Sept 1965
T.G.Perry, 3 August, 1953
J.B.Patton, 14 August, 1947

Location.-

NE NE section 29, T.9N., R.11E.
 $\frac{1}{2}$ mile east of Napoleon, in Ripley County.

Ownership.-

New Point Stone Company, R.R. 1, Batesville, Indiana.
Mr. Harry Starks, Plant Manager.

Reserves.-

Maximum carbonate section exposed is 26 feet thick.
Company owns a 22 acre tract.

Products.-

Crushed stone, aglime, flagstone, riprap.
Maximum production is 1200 tpd.
All shipments are by road.

Personnel.-

Twelve employees (max).

Geology.-

The quarry exposes approximately 18 feet of Laurel limestone and 8 feet of Osgood, but only the upper 12 to 15 feet are being quarried at the present time. The Laurel in this area appears to be much lighter gray, well bedded and with considerably less carbonaceous and cherty material than the more southerly exposures. Elevation of the highest exposed strata is 979 feet.

References.-

Perry, T.G. (1953) Napoleon Quarry, Inc., Ripley County, Ind. Dept. Cons., Geol. Survey, open-file memorandum report.
Patton, J.B. (1947) Napoleon Lime Industry Quarry east of Napoleon, Ripley County, Ind. Dept. Cons. Geol. Surv., open-file memorandum report.

Respectfully submitted,

Robert R. French



8-15-61

RK-4BB-134

quarry not shown



quarry not shown

