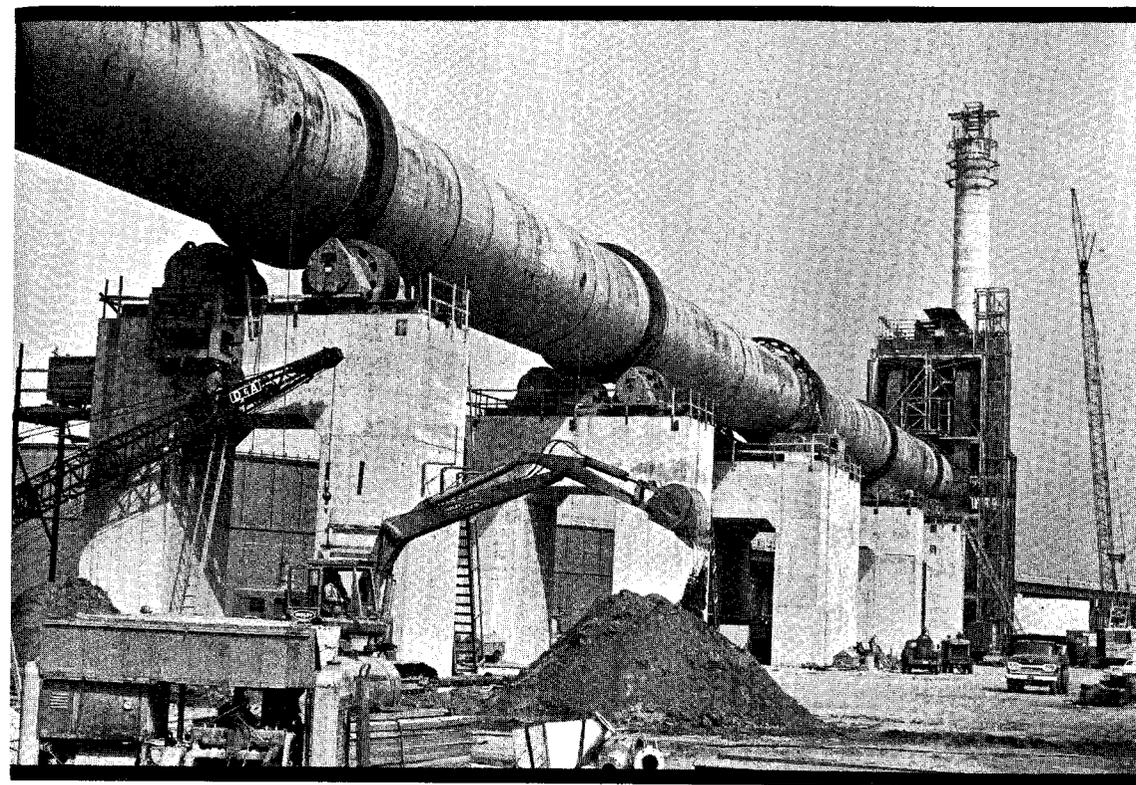


MICHIGAN MINERAL PRODUCERS 1969

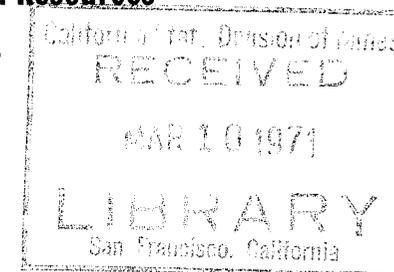


Department of Natural Resources

ANNUAL DIRECTORY 4

Geological Survey

1970



STATE OF MICHIGAN
William G. Milliken, *Governor*

DEPARTMENT OF NATURAL RESOURCES
Ralph A. MacMullan, *Director*

GEOLOGICAL SURVEY DIVISION
Gerald E. Eddy, *State Geologist and Chief*

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. . . the State Geological Survey shall make an annual report to the Governor, setting forth in detail the mineral statistics for the year; with the progress and development of . . . mining and smelting industries.
--Compiled Laws Mich. 1948 s.319.202

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GEOLOGICAL SURVEY DIVISION

ANNUAL DIRECTORY 4

MICHIGAN MINERAL PRODUCERS

1969

By

R. Thomas Segall

Lansing, 1970



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PREFACE

Michigan Mineral Producers is a record of names and addresses of all mineral producers in Michigan including the locations of their mineral operations during 1969. It is prepared as a directory supplement to "Mineral Industry of Michigan", published annually with the cooperation of the U. S. Bureau of Mines.

This directory is intended primarily as a general reference to be used by the mineral industry, students, teachers, state and county offices, and interested persons. The directory lists producers alphabetically by mineral, with a producer location map at the beginning of each section. Mineral producers are also listed alphabetically by county including location by section, township, and range.

The compiler is indebted to the Michigan mineral industry for their excellent cooperation. The U. S. Bureau of Mines has been indispensable in providing up-to-date producer lists based on yearly canvasses.

Corrections, additions, or suggestions for improving this directory are welcome, and actively solicited in order to make it as effective in accomplishing its purpose as possible.

Lansing
December, 1970

R. Thomas Segall
Geologist
Mining & Economic Geology

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Cover photo by R. T. Segall:

Peerless Cement Co., Division of American Cement Corp. New cement kiln and plant under construction in Detroit, Wayne County.

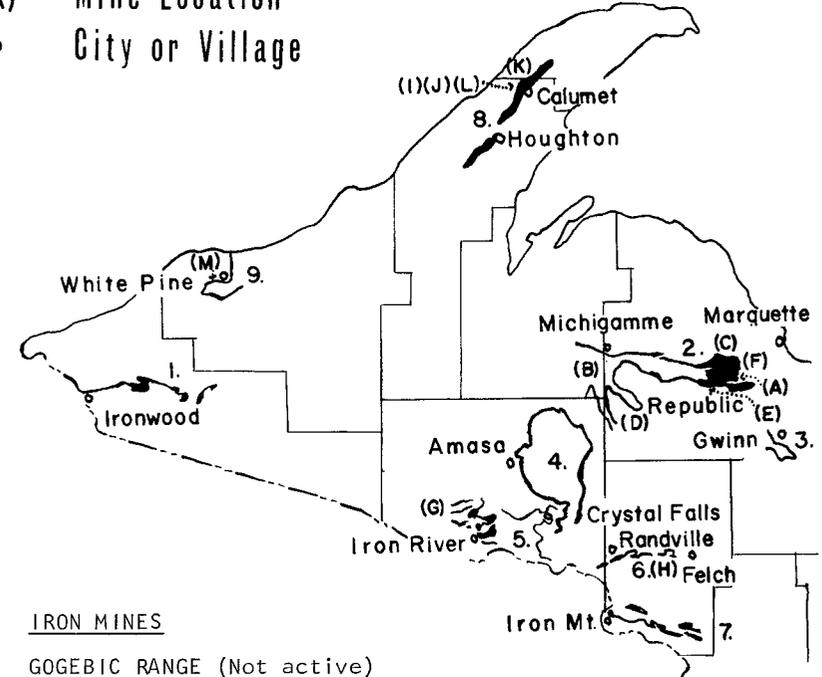
ACTIVE MINES IN MICHIGAN'S IRON AND COPPER DISTRICTS

1969
MICHIGAN COMMODITY CHART

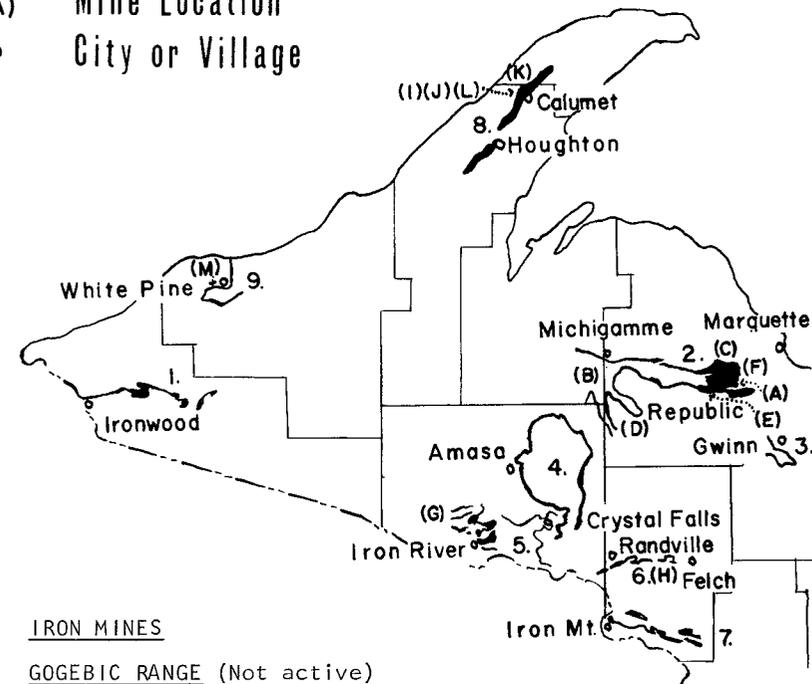
1969

COMMODITY	NO. OF PRODUCERS	AMOUNT PRODUCED
METALLICS		
Copper	1	149,952,283 Pounds
Iron Ore	11	14,522,412 Long Tons
Silver	1	744,290 Fine Ounces
INDUSTRIAL MINERALS		
Cement	9	31,790,616 Barrels (376#)
Clay & Shale*	14	2,666,920 Short Tons
Gypsum	5	1,326,887 Short Tons
Lime	10	1,589,206 Short Tons
Marl	22	99,130 Short Tons
Natural Salines**	10	1,026,048 Short Tons
Peat	22	186,278 Short Tons
Salt	11	4,818,871 Short Tons
Sand & Gravel	317	58,968,000 Short Tons
Stone*	35	39,076,380 Short Tons
Sulfur & Mineral Pigments	3 & 1	40,024 Short Tons
FUELS		
Petroleum		12,212,882 Barrels (42 gal.)
Natural Gas		36,162,173 MCF
Natural Gas Liquids		99,102,618 Gallons

*Material used in cement production is included.
**Includes Bromine, Magnesium Compounds, Calcium-Magnesium Chloride, Potash, and Iodine.



 Iron and Copper Outcrops
 Mine Location
 City or Village



IRON MINES

1. GOGEBIC RANGE (Not active)
2. MARQUETTE RANGE
 - (A) Empire open pit*
 - (B) Humboldt open pit*
 - (C) Mather mine
 - (D) Republic open pit*
 - (E) Tilden open pit†
 - (F) Tracy mine
3. GWINN DISTRICT (Not active)
4. AMASA-OVAL DISTRICT (Not active)
5. IRON RIVER-CRYSTAL FALLS DISTRICT
 - (G) Sherwood Mine
6. FELCH DISTRICT
 - (H) Groveland open pit*
7. IRON MOUNTAIN RANGE (Not active)

COPPER MINES AND RECLAMATIONS

8. NATIVE COPPER ORE
 - (I) Attouez No. 3 Mine
 - (J) Centennial 3 & 6 Mine
 - (K) Kingston Mine
 - (L) Osceola 13 Mine
9. COPPER SULFIDE ORE
 - (M) White Pine Mine

* Beneficiated ore
† Siliceous ore

Metallic Mining Operations

Iron Mines and Pits (Active mines in 1969)

Range-Dist. & Map Symbol	Mine	Company	Mine Location
GOGEBIC (Not Active)			
<u>MARQUETTE</u>			
(A)	Empire (open pit concentrates)	Cleveland-Cliffs Iron Co. 1460 Union Commerce Bldg. Cleveland, Ohio 44114	1 Mi. NW. of Palmer, in Sec. 17, T47N, R26W, <u>MARQUETTE COUNTY</u>
(B)	Humboldt (open pit concentrates)	Cleveland-Cliffs Iron Co. 1460 Union Commerce Bldg. Cleveland, Ohio 44114	1 Mi. SW. of Humboldt, Sec. 11, T47N, R29W, <u>MARQUETTE COUNTY</u>
(C)	Mather	Cleveland-Cliffs Iron Co. (Operator for the Negaunee Mine Company) 1460 Union Commerce Bldg. Cleveland, Ohio 44114	"B" Shaft, west side of Negaunee, in Sec. 1, T47N, R27W, <u>MARQUETTE COUNTY</u>
(D)	Republic (open pit concentrates)	Cleveland-Cliffs Iron Co. (Operator for the Negaunee Mine Company) 1460 Union Commerce Bldg. Cleveland, Ohio 44114	1 Mi. S. of Republic in Sec. 7, T46N, R29W, <u>MARQUETTE COUNTY</u>
(E)	Tilden (open pit siliceous ore)	Cleveland-Cliffs Iron Co. 1460 Union Commerce Bldg. Cleveland, Ohio 44114	3 Mi. S. of Ishpeming in Sec. 26, T47N, R27W, <u>MARQUETTE COUNTY</u>
(F)	Tracy	Jones & Loughlin Steel Corp. Mich. Ore Division Tracy Mine Negaunee, Michigan 49866	4 Mi. N. of Negaunee, in Sec. 7 & 8, T47N, R26W, <u>MARQUETTE COUNTY</u>
GWINN (Not Active)			
<u>AMASA-OVAL (Not Active)</u>			
<u>IRON RIVER-CRYSTAL FALLS</u>			
(G)	Sherwood	Inland Steel Co. 30 W. Monroe St. Chicago, Illinois 60603	½ Mi. N. of Iron River in Sec. 23, T43N, R35W, <u>IRON COUNTY</u>
<u>FELCH</u>			
(H)	Groveland (open pit concentrates)	The Hanna Mining Co. 100 Erieview Plaza Cleveland, Ohio 44114	3 Mi. E. of Randville in Sec. 31, T42N, R29W, <u>DICKINSON COUNTY</u>
EAST MENOMINEE (Not Active)			

2

Copper Mines

NATIVE COPPER ORE

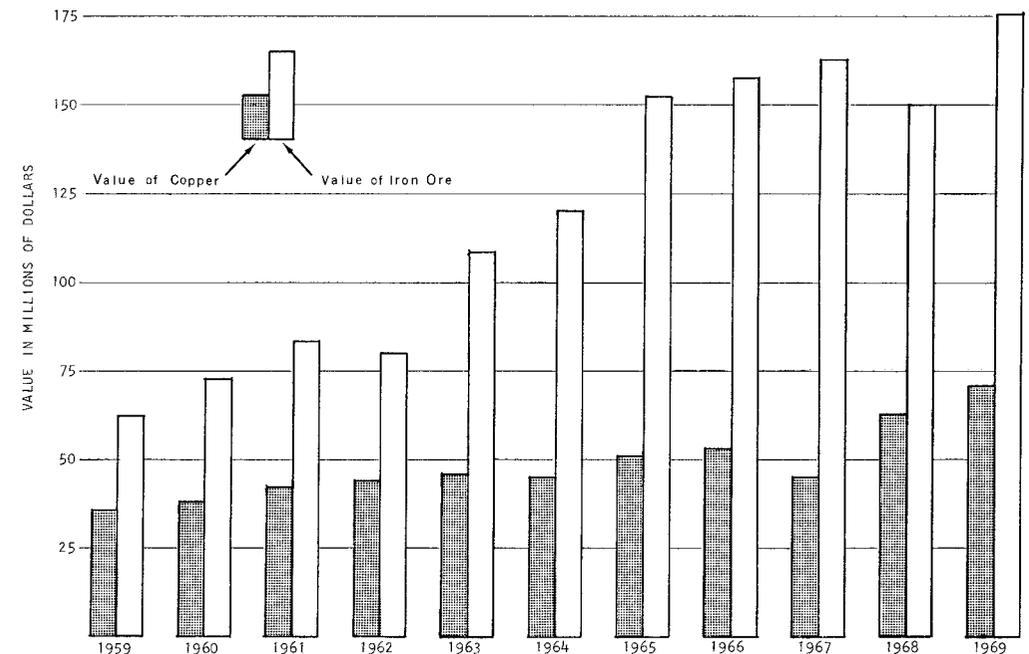
(I)	Allouez #3	Calumet & Hecla, Inc. Calumet Avenue Calumet, Michigan 49913	Ahmeek, Mich. in Sec. 32, T57N, R32W <u>KEWEENAW COUNTY</u>
(J)	Centennial #3 & 6	Calumet & Hecla, Inc. Calumet Avenue Calumet, Michigan 49913	1.5 Mi. NE of Calumet, in SE¼ Sec. 12, T56N, R33W, <u>HOUGHTON COUNTY</u>
(K)	Kingston	Calumet & Hecla, Inc. Calumet Avenue Calumet, Michigan 49913	Ahmeek, Mich. in SE¼, Sec. 32, T57N, R32W, <u>KEWEENAW COUNTY</u>
(L)	Osceola 13	Calumet & Hecla, Inc. Calumet Avenue Calumet, Michigan 49913	Osceola, Mich. in Sec. 23, T56N, R33W, <u>HOUGHTON COUNTY</u>

COPPER SULFIDE ORE

(M)	White Pine	White Pine Copper Co. P. O. Box 427 White Pine, Michigan 49971	White Pine, Mich. in Sec. 4, 5, 9, T50N, R42W. Mine <u>ONTONAGON COUNTY</u>
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3

VALUE COMPARISON CHART OF IRON ORE
AND COPPER MINED IN MICHIGAN, 1959-1969



Industrial Mineral Operations

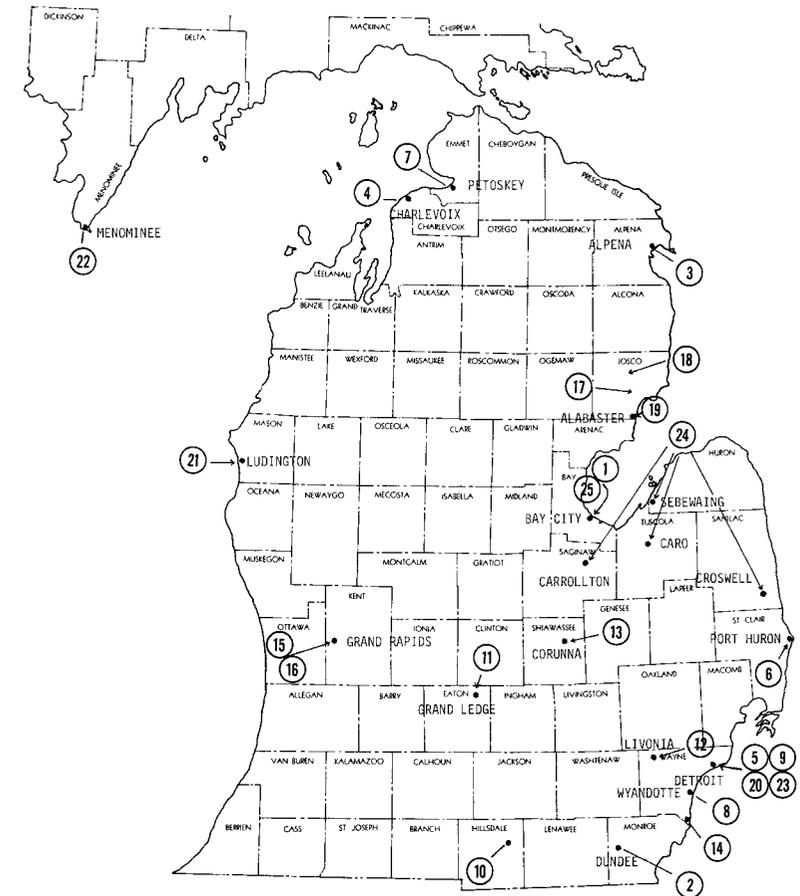
Cement

Name of Operation	Map Location No. (See Map 1)	Plant Location
Aetna Portland Cement Co. Div. Martin-Marietta Corp. P. O. Box No. 8 Bay City, Michigan 48706	(1)	3 Mi. NE of Bay City at Essexville, NE $\frac{1}{2}$ Sec. 14, T14N, R5E; raw material ob- tained from Rogers City area. <u>BAY COUNTY</u> (Clay pit 4 Mi. W. of Saginaw)
Dundee Cement Co. P. O. Box 317 Dundee, Michigan 48131	(2)	2 Mi. N. of Dundee, in Sec. 7, T6S, R7E, plant and quarry. <u>MONROE COUNTY</u> (Use clay from overburden)
Huron Portland Cement Co. Div. Nat'l. Gypsum Co. 1325 Ford Bldg. 615 Griswold Street Detroit, Michigan 48226	(3)	1.5 Mi. NE of Alpena, in Sec. 13 & 14, T31N, R9E, plant and quarry. <u>ALPENA COUNTY</u> (Paxton shale quarry 8 Mi. W. of Alpena NE 30 31N, 7E)
Medusa Portland Cement Co. Box 5668 Cleveland, Ohio 44101	(4)	2 Mi. W. of Charlevoix, center of Sec. 28, T34N, R8W, <u>CHARLEVOIX COUNTY</u>
Peerless Cement Co. Div. of American Cement Corp. 900 Detroit Trade Center Detroit, Michigan 48226	(5)	2 plants located at Detroit: Brennen Ave. plant on main channel of River Rouge, and Jefferson Ave. plant (Use Ford clay pit). <u>WAYNE COUNTY</u>
Peerless Cement Co. Div. of American Cement Corp. 900 Detroit Trade Center Detroit, Michigan 48226	(6)	Port Huron plant. Obtains raw material from Rogers City area and supplies Detroit plants. <u>ST. CLAIR COUNTY</u> (Clay pit at Smiths Creek)
Penn-Dixie Cement Corp. P. O. Box 152 Nazareth, Pennsylvania 18064	(7)	3.5 Mi. W. of Petoskey, (plant and quarry) in Sec. 3, T34N, R6W. <u>EMMET COUNTY</u> (Shale Quarry at Ellsworth)
Wyandotte Chemical Corp. 1609 Biddle Ave. Wyandotte, Michigan 48192	(8)	Wyandotte, Mich. (plant) Raw material from Rogers City area. <u>WAYNE COUNTY</u>

Clay * and Clay Products

Name of Operation & Map No.	Material and Product	Property Location
Clippert Brick & Tile Co. Wyoming & Southern Streets Dearborn, Mich. 48120	(9) Clay, Brick	Near SE corner Wyoming and Michigan Ave. (US 112) Dearborn, <u>WAYNE COUNTY</u>
Comfort Brick & Tile Co. Rogers Highway Tecumseh, Michigan 49286	(10) Brick	1 Mi. SE of Tecumseh in Sec. 2 T6S, R4E, <u>LENAWEE COUNTY</u>

LOCATIONS OF CEMENT, CLAY, GYPSUM, AND LIME OPERATIONS



CEMENT

1. Aetna Portland
2. Dundee
3. Huron Portland
4. Medusa Portland
5. Peerless-Detroit (2 plants)
6. Peerless-Port Huron
7. Penn-Dixie
8. Wyandotte Chemical

GYPSUM

15. Bestwall Gypsum
16. Grand Rapids Gypsum
17. Michigan Gypsum
18. National Gypsum
19. U. S. Gypsum

LIME

20. Detroit Lime Co.
21. Dow Chemical-Ludington
22. Limestone Prod. Div.
23. Marblehead Lime Co.
24. Michigan Sugar Co.
25. Monitor Sugar Div.
26. Wyandotte Chemical

CLAY AND CLAY PRODUCTS

9. Clippert Brick & Tile
10. Comfort Brick & Tile
11. Grand Ledge Clay Prod.
12. Lightweight Aggregate Corp.
13. Michigan Vitrified Tile
14. F. W. Ritter & Sons

CLAY AND CLAY PRODUCTS (CON'T)

Name of Operation & Map No.	Material and Product	Property Location
Grand Ledge Clay Prod. Co. (11) West Jefferson St. Grand Ledge, Michigan 48837	Shale, Tile	W. Side of Grand Ledge, in SE $\frac{1}{4}$ Sec. 3, T4N, R4W, <u>EATON COUNTY</u>
Lightweight Aggregate Corp. (12) 12720 Farmington Rd. Livonia, Michigan 48150	Clay, light-weight aggregate	1 Mi. S. of Livonia, in Sec. 27, T1S, R9E, <u>WAYNE COUNTY</u>
The Mich. Vitriified Tile (13) P. O. Box 450 Findlay, Ohio 45840	Shale, Tile	$\frac{1}{2}$ Mi. E. of Corunna, in Sec. 22, T7N, R3E, <u>SHIAWASSEE COUNTY</u>
6 F. W. Ritter & Sons Co., Inc. (14)	Clay, Pottery	1 Mi. S. of S. Rockwood, in Sec. 21, T5S, R10E, <u>MONROE COUNTY</u>

*Producers of clay used in cement manufacture not included. See Cement.

Gypsum

Name of Operation & Map No.	Mine or Quarry Location	Mill Loc.
Bestwall Gypsum Co., Div. Georgia-Pacific Corp. (15) P. O. Box 311 Portland, Oregon 97204	1 Mi. SW of Grand Rapids in SW $\frac{1}{4}$ Sec. 34, T7N, R12W. Mine and mill. <u>KENT COUNTY</u>	At mine 2228 Butterworth Rd. SW Grand Rapids, Mich. 49501
Grand Rapids Gypsum Co. (16) P. O. Box 1674 Grand Rapids, Mich. 49501	SW side Grand Rapids in Sec. 34, T7N, R12W, Mine & Mill. <u>KENT COUNTY</u>	At mine
Michigan Gypsum Co. (17) 2840 Bay Road Saginaw, Michigan 48601	4 Mi. SW of National City in Sec. 25, T21N, R5E, open pit and plant. <u>IOSC0 COUNTY</u>	East of pit, in SW $\frac{1}{4}$ Sec. 30, T21N, R6E <u>IOSC0 COUNTY</u>
National Gypsum Co. (18) 325 Delaware Ave. Buffalo, New York 14202	8 Mi. W. of Tawas City, in Sec. 26 & 35, T22N, R6E, open pit. <u>IOSC0 COUNTY</u>	2 Mi. S. of Nat'l. City in Sec. 16, T31N, R6E, <u>IOSC0 COUNTY</u>
United States Gypsum Co. (19) 101 S. Wacker Drive Chicago, Illinois 60606	W. of Alabaster, in Sec. 22 & 27, T21N, R7E, open pit. <u>IOSC0 COUNTY</u>	Detroit, Mich. <u>WAYNE COUNTY</u>

Lime

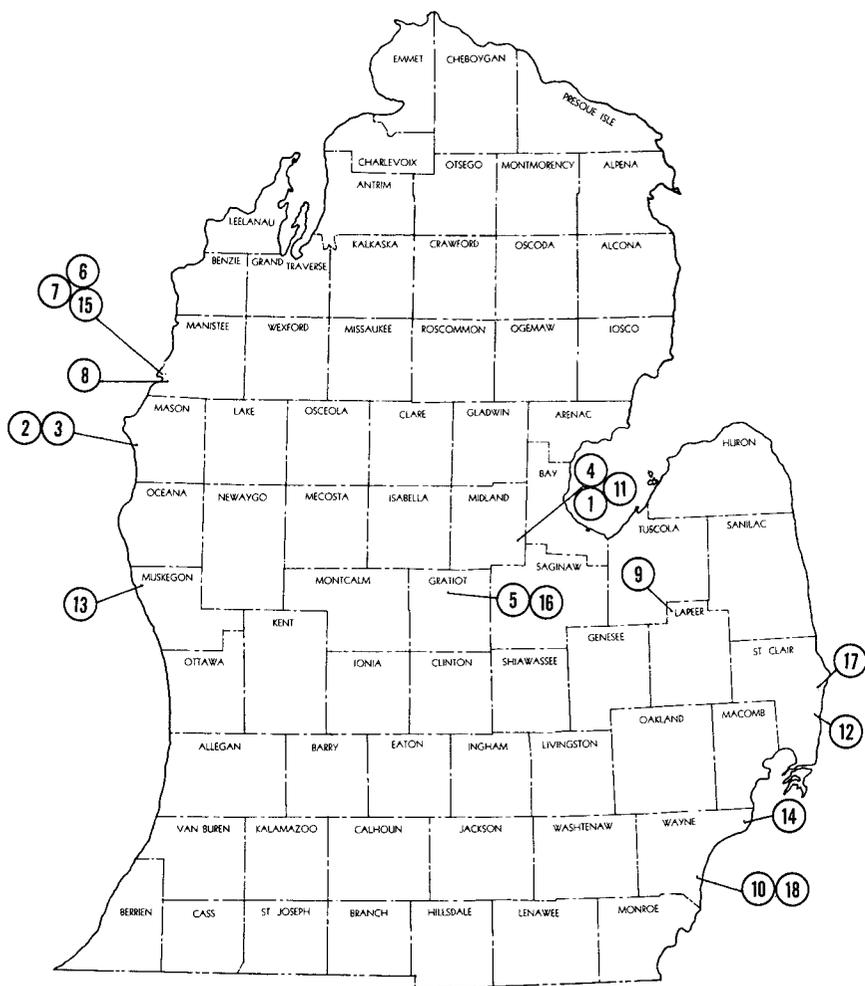
Name of Operation & Map No.	Plant Location
Detroit Lime Co. (20) (subsidiary, Ed. C. Levy Co.) 8800 Dix Ave. Detroit, Michigan 48209	River Rouge, Limekiln only <u>WAYNE COUNTY</u>
The Dow Chemical Co. (21) Ludington Division Midland, Michigan 48640	Ludington, Limekiln only <u>MASON COUNTY</u>
Limestone Products Division (22) C. Reiss Coal Co. Menominee, Michigan 49858	320 First Street, Menominee Limekiln only <u>MENOMINEE COUNTY</u>
Marblehead Lime Co. (23) (General Dynamics Corp.) 25 Marion St. Detroit, Mich.	River Rouge, Limekiln only <u>WAYNE COUNTY</u>
Michigan Sugar Co. (24) 909 2nd National Bank Bldg. Saginaw, Michigan 48601	4 plants: (Limekilns only) Sebewaing, <u>HURON COUNTY</u> Carrollton, <u>SAGINAW COUNTY</u> Crowell, <u>SANILAC COUNTY</u> Caro, <u>TUSCOLA COUNTY</u>
Monitor Sugar Division (25) Robert Gage Coal Co. 2600 S. Euclid Ave. Bay City, Michigan 48706	Bay City, Limekiln only <u>BAY COUNTY</u>
Wyandotte Chemicals Corp (26) 1609 Biddle Avenue Wyandotte, Michigan 48192	Wyandotte, Limekiln only <u>WAYNE COUNTY</u>

Natural Salines

Name of Operation & Map No.	Products	Plant Location
The Dow Chemical Co. (1) Midland, Michigan 48640	Bromine, bromine compounds, magnesium compounds, calcium chloride, potash, iodine	South side of Midland T41N, R2E <u>MIDLAND COUNTY</u>
The Dow Chemical Co. (2) Midland, Michigan 48640	Bromine, magnesium compounds, calcium chloride	1 Mi. SE of Ludington in SW 23, 18N, 18W <u>MASON COUNTY</u>
Harbison-Walker Refractories Co. (3) 2 Gateway Center Pittsburgh, Pa. 15222	Magnesium compounds	1.5 Mi. SE of Ludington in NE, SE 23, 18N, 18W <u>MASON COUNTY</u>
Kaiser Aluminum & Chemical (4) 900 17th St., NW Washington, D.C. 20006	Magnesium compounds	Midland T14N, R2E <u>MIDLAND COUNTY</u>
Michigan Chemical Corp. (5) 2 North Riverside Plaza Chicago, Illinois 60606	Bromine, magnesium compounds, calcium-magnesium chloride	W. side of St. Louis in Sec. 24 T12N, R3W <u>GRATIOT COUNTY</u>
Michigan Chemical Corp. (6) 2 North Riverside Plaza Chicago, Illinois 60606	Bromine	East Lake, 1 Mi. E. of Manistee in NW 7, 21N, 16W <u>MANISTEE COUNTY</u>

7

LOCATIONS OF CHEMICAL AND SALT PLANTS



NATURAL SALINES

1. Dow Chemical-Midland
2. Dow Chemical-Ludington
3. Harbison-Walker Refractories Co.
4. Kaiser Aluminum & Chemical Co.
5. Mich. Chemical Corp.-St. Louis
6. Mich. Chemical Corp.-Manistee
7. Morton Chemical Co.
8. Standard Lime & Refractories
9. Wilkinson Chemical Co.
10. Wyandotte Chemical Co.

SALT

11. American Salt Corp.
12. Diamond Crystal Salt Co.
1. Dow Chemical-Midland
13. Hooker Chemical Corp.
14. International Salt Co., Inc.
15. Manistee Salt Works
16. Michigan Salt Co.
7. Morton Salt Co.-Manistee
17. Morton Salt Co.-Marysville
18. Pennsalt Chemicals Corp.
10. Wyandotte Chemical Corp.

NATURAL SALINES (CON'T)

Name of Operation & Map No.	Products	Plant Location
Morton Chemical Co. (7) Div. of Morton Int'l. Inc. 110 N. Wacker Dr. Chicago, Illinois 60606	Bromine, magnesium compounds, calcium chloride	Manistee, Mich. in Sec. 12, T21N, R17W MANISTEE COUNTY
Standard Lime & Refractories (8) 2000 First Nat'l. Bank Bldg. Baltimore, Maryland 21203	Magnesium compounds	1 Mi. NW of Stronach, SE½ Sec. 18, T21N, R16W MANISTEE COUNTY
Wilkinson Chemical Co. (9) Mayville, Michigan 48744	Calcium-magnesium chloride	S. of Mayville Sec. 21, T10N, R10E LAPEER COUNTY
Wyandotte Chemicals Corp. (10) 1609 Biddle Avenue Wyandotte, Michigan 48192	Calcium-magnesium chloride	Wyandotte, Mich. WAYNE COUNTY

Salt

American Salt Corp. (11) 3142 Broadway Kansas City, Missouri 64111	Evaporated salt	Midland, Mich. (Raw material from Dow Chemical (St. Clair Co.) MIDLAND COUNTY
Diamond Crystal Salt Co. (12) 916 S. Riverside St. Clair, Michigan 48079	Evaporated salt	St. Clair, Mich. Sec. 31, T5N, R17E ST. CLAIR COUNTY
The Dow Chemical Co. (1) Hooker Chemical Corp. (13) P. O. Box 295 Montague, Michigan 49437	Salt brine (chlorine, natural salines)	Midland, Mich. MIDLAND COUNTY
Hooker Chemical Corp. (13) P. O. Box 295 Montague, Michigan 49437	Salt brine (chlorine, caustic soda, hydrogen	Montague, Mich. NE¼ Sec. 31, T12N, R17W MUSKEGON COUNTY
International Salt Co., Inc. (14) Clarks Summit, Pa. 18411 Detroit Mine: 12841 Saunders St. Detroit, Mich. 48217	Rock salt	Detroit, Mich. SW¼ Sec. 32, T2S, R11E WAYNE COUNTY
Manistee Salt Works (15) Division of Hardy Salt Co. P. O. Drawer 449 St. Louis, Missouri 63166	Evaporated salt	Manistee, Mich. MANISTEE COUNTY
Michigan Salt Co. (16) 2 North Riverside Plaza Chicago, Illinois 60606	Evaporated salt	St. Louis, Mich. GRATIOT COUNTY
Morton Salt Co. (7) Div. Morton Int'l. Inc. 110 N. Wacker Drive Chicago, Illinois 60606	Evaporated salt	Manistee, Mich. E½ Sec. 12, T21N, R17W MANISTEE COUNTY

LOCATIONS OF LIMESTONE, DOLOMITE, SANDSTONE, AND MISCELLANEOUS STONE OPERATIONS

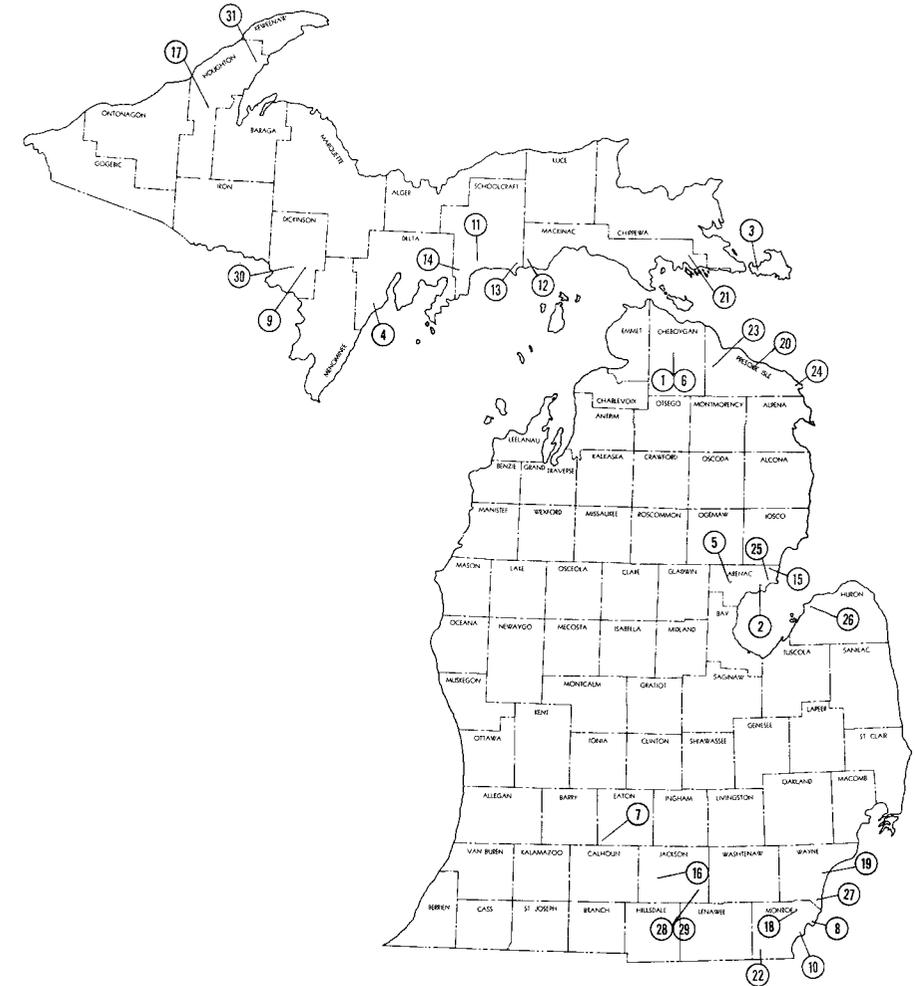
SALT (CON'T)

Name of Operation & Map No.	Products	Plant Location
Morton Salt Co. Div. Morton Int'l., Inc. 110 N. Wacker Drive Chicago, Illinois 60606	(17) Evaporated salt	Marysville, Mich. SE $\frac{1}{4}$, Sec. 29 T6N, R17E <u>ST. CLAIR COUNTY</u>
Pennsalt Chemical Corp. 3 Penn Center Philadelphia, Pa. 19102	(18) Salt brine (chlorine, caustic soda, hydrogen)	Wyandotte, Mich. <u>WAYNE COUNTY</u>
Wyandotte Chemical Corp. 1609 Biddle Ave. Wyandotte, Michigan 48192	(10) Salt brine (chlorine, soda ash)	Wyandotte, Mich. <u>WAYNE COUNTY</u>

Stone

LIMESTONE* AND DOLOMITE

Name of Operation & Map No.	Type of Stone	Quarry Location
Afton Stone and Lime Co. Afton, Michigan 49705	(1) Limestone, crushed	North of Afton, Sec. 25, T35N, R2W, <u>CHEBOYGAN COUNTY</u>
Arenac Co. Rd. Comm. Omer, Michigan 48749	(2) Limestone, crushed	Northeast of Au Gres Sec. 5, T19N, R7E, <u>ARENAC COUNTY</u>
Bethlehem Mines Corp 701 East 3rd Street Bethlehem, Pa. 18016	(3) Dolomite, crushed	West end Drummond Island, Sec. 3 & 10, T41N, R5E, <u>CHIPPEWA COUNTY</u>
Bichler Gravel Co. Box 205 Wells, Michigan 49894	(4) Limestone, crushed	Sec. 2 & 14, T39N, R23W, <u>DELTA COUNTY</u>
Bay Co. Rd. Comm. Bay City, Michigan 48706	(5) Limestone, crushed	Near Omer Sec. 34, T20N, R5E, <u>ARENAC COUNTY</u>
Charlevoix Lime & Stone Co. Vanderbilt, Michigan 49795	(6) Limestone, crushed	North of Afton Sec. 25, T34N, R2W, <u>CHEBOYGAN COUNTY</u>
Cheney Limestone Co. P. O. Box 125 Bellevue, Michigan 49021	(7) Limestone, crushed and dimensional	West of Bellevue Sec. 20, T1N, R6W <u>EATON COUNTY</u>
Detroit Edison Co. Civil Engineering Sect. 2000 Second Ave. Detroit, Michigan 48226	(8) Dolomite, crushed	Monroe, Mich. Enrico Fermi Qy. Sec. 20, T6S, R10E <u>MONROE COUNTY</u>
Felch Quarry Corp. Box 97 Felch, Michigan 49831	(9) Dolomite, crushed	2 $\frac{1}{2}$ Mi. E. of Felch, SE SW Sec. 26, T42N, R28W, <u>DICKINSON COUNTY</u>



- | | |
|----------------------------------|--|
| 1. Afton Stone and Lime Co. | 17. Limestone Mountain Co. |
| 2. Arenac Co. Road Commission | 18. Michigan Stone Co. |
| 3. Bethlehem Mines Corp. | 19. Michigan Foundation Quarry Co., Inc. |
| 4. Bichler Gravel Co. | 20. Michigan Limestone Operation |
| 5. Bay County Road Commission | 21. Michigan Limestone Operation |
| 6. Charlevoix Lime & Stone Co. | 22. Michigan Stone Co. |
| 7. Cheney Limestone Co. | 23. Onaway Stone Co. |
| 8. Detroit Edison Co. | 24. Presque Isle Corp. |
| 9. Felch Quarry Corp. | 25. Van Dusen Stone Co. |
| 10. The France Stone Co. | 26. The Wallace Stone Co. |
| 11. Geiger Construction Co. | 27. Ottawa Silica Co. |
| 12. Inland Lime & Stone Co. | 28. Ray's Stone Quarry |
| 13. Inland Lime & Stone Co. | 29. Jude Stone Company |
| 14. Inwood Stone Products Co. | 30. Aggregate Specialties, Inc. |
| 15. Iosco County Road Commission | 31. Houghton Co. Road Commission |
| 16. Jeffrey Limestone Co. | |

LIMESTONE AND DOLOMITE (CON'T)

Name of Operation & Map No.	Type of Stone	Quarry Location
The France Stone Co. 1800 Toledo Trust Bldg. Toledo, Ohio 43604	(10) Dolomite, crushed	Monroe, Mich. Sec. 7, T7S, R9E, <u>MONROE COUNTY</u>
Geiger Construction Co.	(11) Limestone, crushed	North of Manistique Sec. 14, T42N, R6W, <u>SCHOOLCRAFT COUNTY</u>
Inland Lime & Stone Co. Div. Inland Steel Co. Gulliver, Michigan 49840	(12) Limestone, crushed	North of Port Inland, Sec. 6, T42N, R12W, <u>MACKINAC COUNTY</u>
Inland Lime & Stone Co. Div. Inland Steel Co. Gulliver, Michigan 49840	(13) Dolomite, crushed	West of Port Inland, Sec. 2, T41N, R13W, <u>SCHOOLCRAFT COUNTY</u>
(12) Inwood Stone Products Co.	(14) Dolomite, dimensional	West of Manistique Sec. 8, T41N, R17W, <u>SCHOOLCRAFT COUNTY</u>
Iosco Co. Rd. Comm. P. O. Box 31 East Tawas, Michigan 48730	(15) Limestone, crushed	Northeast of AuGres Sec. 24, T20N, R7E, <u>ARENAC COUNTY</u>
Jeffrey Limestone Co. Box 126 Parma, Michigan 49269	(16) Limestone, crushed	Northeast of Parma Sec. 30, T2S, R2W, <u>JACKSON COUNTY</u>
Limestone Mountain Co. Div. Thornton Constr. Co., Incorporated 1028 Ethel Avenue Hancock, Michigan 49930	(17) Dolomite, crushed	Near Pelkie Sec. 23, T51N, R35W, <u>HOUGHTON COUNTY</u>
Michigan Stone Co. Ottawa Lake, Mich. 49267	(18) Dolomite, crushed	Near Maybee Sec. 29, T5S, R8E, <u>MONROE COUNTY</u>
Mich. Foundation Quarry Co., Incorporated 110 W. Jefferson Ave. Trenton, Michigan 48183	(19) Limestone, crushed	Trenton, Mich. Sec. 7, T4S, R11E, <u>WAYNE COUNTY</u>
Michigan Limestone Operation U. S. Steel Corporation Rogers City, Michigan 49779	(20) Limestone, crushed	Near Rogers City Sec. 23, T35N, R5E, <u>PRESQUE ISLE COUNTY</u>
Michigan Limestone Operation U. S. Steel Corporation Rogers City, Michigan 49779	(21) Dolomite, crushed	Near Cedarville Sec. 10, T42N, R1E, <u>MACKINAC COUNTY</u>
Michigan Stone Co. Ottawa Lake, Michigan 49267	(22) Dolomite, crushed	East of Ottawa Lake Sec. 25, T8S, R6E, <u>MONROE COUNTY</u>
Onaway Stone Co. Onaway, Michigan 49765	(23) Limestone, dimensional	North of Onaway Sec. 5, T34N, R2E, <u>PRESQUE ISLE COUNTY</u>

LIMESTONE AND DOLOMITE (CON'T)

Name of Operation & Map No.	Type of Stone	Quarry Location
Presque Isle Corp. P. O. Box 426 Alpena, Michigan 49707	(24) Limestone, crushed	Sec. 2, T33N, R8E, <u>PRESQUE ISLE COUNTY</u>
Van Dusen Stone Co. Route 1, Tonkey Road Au Gres, Michigan 48703	(25) Limestone, crushed	Northeast of AuGres Sec. 5, T19N, R7E, <u>ARENAC COUNTY</u>
The Wallace Stone Co. Div. J. P. Burroughs & Son, Incorporated Bayport, Michigan 48720	(26) Limestone, crushed and dimensional	Southeast of Bay- port, Sec. 5 & 6, T16N, R10E, <u>HURON COUNTY</u>
*Does not include producers of limestone for manufacture of cement; see CEMENT.		

SANDSTONE

Ottawa Silica Co. 33620 Streicher Rd. Rockwood, Michigan 48173	(27) Sandstone, crushed (Silica sand)	Near Rockwood, Sec. 15, T5S, R10E, <u>WAYNE COUNTY</u>
Ray's Stone Quarry 303 Natasseepe St. Napoleon, Michigan 49261	(28) Sandstone	East of Napoleon, Sec. 6, T4S, R2E, <u>JACKSON COUNTY</u>
Jude Stone Company Napoleon, Michigan 49261	(29) Sandstone	East of Napoleon, Sec. 31, T3S, R2E, <u>JACKSON COUNTY</u>

MISCELLANEOUS STONE

Aggregate Specialties, Inc. Caspian, Michigan 49915	(30) Feldspar & amphibolite, crushed	Randville, NW, NW, 26, 42N, 30W, SE SW & SW SE 30, 42N, 29W <u>DICKINSON COUNTY</u>
Houghton Co. Road Comm. Royce Rd. Hancock, Michigan 49930	(31) Basalt, crushed	Traprock Quarry <u>HOUGHTON COUNTY</u>

Marl

Name and Address of Producer	Pit and County
Agricultural Marl Supply, R#1, Allen 49227 Gerald Arnsman, R#1, Hopkins 49328 Carl Avery, R#2, Box 628, Battle Creek 49017 Barnes Brothers, Horton 49246	Belden, Hervig, & Ryan pits, ALLEGAN CO. Arah Pullman pit, CALHOUN CO. John Pung & Steve Demack pits, JACKSON CO. File & Riggs Pits, CASS CO. Turtle Lake pit, CALHOUN CO. 23, 8S, 20W, BERRIEN CO.
Barnett Bros., S. Front St., Dowagiac 49407 Case Brothers, R#2, Box 136, Union City 49094 Crosby Marl Co., B. W. Crosby, Three Oaks 40128	Duncan L., 6, 4N, 10W, BARRY CO. Drake pit, 12, 5S, 12W, ST. JOE. CO. NEWAYGO CO. 31, 3S, 12W, KALAMAZOO CO. 25, 2N, 7W, BARRY CO. 8, 4S, 10W, KALAMAZOO CO. Palmer pit, 14, 5S, 3W, HILLSDALE CO. 21, 8S, 20W, BERRIEN CO. Pavlak pit, 12, 2N, 12W, ALLEGAN CO. Long L. pit, 9, 8S, 13W, CASS CO. 12 & 13, 7S, 16W, CASS CO. Kerr pit, 6S, 12W, ST. JOSEPH CO.
William Currier, R#1, Caledonia 49316 Coy Drake, R#1, Three Rivers 49093 Grant Tufa Lime Co., Grant 49327 Samuel Green, Marcellus 49067 E. R. Hamilton, R#3, Nashville 49073 Hayward Dry Marl, R#2, Vicksburg 49097 John Hess, R#1, Hanover 49241 Martin's Marl, R#2, Box 46, Three Oaks 49128 Emil Pavlak, R#2, Hopkins 49328 Piphers Marl Service, Jones 49061 Poehlman & Son, R#2, Cassopolis 49031 Roberts Bros. Marl, c/o Arthur Roberts, Sr., R#2, Three Rivers 49093 Fred Rumz, R#2, Vicksburg 49097 Harlan Spoor, R#1, Burlington 49029 Taylor & Son, Fremont, Indiana 46737	30, 4S, 10W, KALAMAZOO CO. 23, 4S, 7W, CALHOUN CO. 4, 8S, 6W; 16, 8S, 5W, BRANCH CO.

Peat

Name & Address of Producer	Kind of Peat	Nearest Town	County
Al-Par Peat Ovid, Michigan	reed-sedge bulk & packaged	Ovid	SHIAWASSEE
Anderson Peat Co. 2562 Graham Rd., Imlay City	reed-sedge bulk & packaged	Imlay City	LAPEER
Appleman Peat Co. 13450 Ida Center Rd., Ida	reed-sedge, bulk	Ida	MONROE
Emerson Chaney 1330 Matilda, NE Grand Rapids, Michigan	moss, bulk	Grand Rapids	KENT
Craven's Peat Farm 5864 S. 30th Street Kalamazoo, Michigan	reed-sedge, bulk	Kalamazoo	KALAMAZOO
Dan's Peat Farm 40500 12 Mile Rd. Novi, Mich.	Moss, bulk	Novi	OAKLAND
Charles E. Douglas Wayland, Michigan	reed-sedge, bulk	Wayland	ALLEGAN

PEAT (CON'T)

Name & Address of Producer	Kind of Peat	Nearest Town	County
Fletcher and Richard 54001 Grand River Road New Hudson, Mich.	Humus, bulk	New Hudson	OAKLAND
Gummer's Peat Co. R#2 Lakeview, Mich.	moss, reed- sedge, bulk & packaged	Lakeview	MECOSTA
Hilu Peat Company 3040 Clinton Trail Charlotte, Mich.	humus, bulk	Charlotte	EATON
J. M. Huber Corp. Peat Dept. Menlo Park, New Jersey	moss, reed- sedge, bulk & packaged	Sandusky	SANILAC
Katerberg Landscape Service 3610 Michigan Rd., NE Grand Rapids, Michigan	Humus, bulk	Grand Rapids	KENT
Kerr's Peat Moss R#1, Three Rivers, Michigan	Moss, bulk	Three Rivers	ST. JOSEPH
Norman E. Link R#1, Petersburg, Michigan	Humus, bulk	Petersburg	MONROE
Michigan Peat, Inc. 202 E. 47 Street New York, N. Y. 10017	reed-sedge, bulk & packaged	Capac	ST. CLAIR
Michigan Peat, Inc. 202 E. 47 Street New York, N. Y. 10017	reed-sedge, bulk & packaged	Capac	ST. CLAIR
Michigan Peat, Inc. 202 E. 47th Street New York, N. Y. 10017	reed-sedge, packaged	Minden City & Sandusky	SANILAC
Quality Peat R#2, Three Rivers 49093	Moss, bulk and packaged	Three Rivers	ST. JOSEPH
Scenic Lakes, Inc. P. O. Box 566 East Lansing, Mich.	reed-sedge, packaged	Laingsburg	SHIAWASSEE
Souilliere Peat & Sod Co. 23650 23 Mile Road Mt. Clemens, Michigan	reed-sedge, bulk & packaged	Imlay City	LAPEER
Twin Lakes Nursery 3544 Michigan Road, NE Grand Rapids, Michigan	moss, reed- sedge, bulk & packaged	Grand Rapids	KENT
Wicker's, Inc. 6498 Bishop Road Lansing, Michigan	Moss, bulk	Lansing	INGHAM

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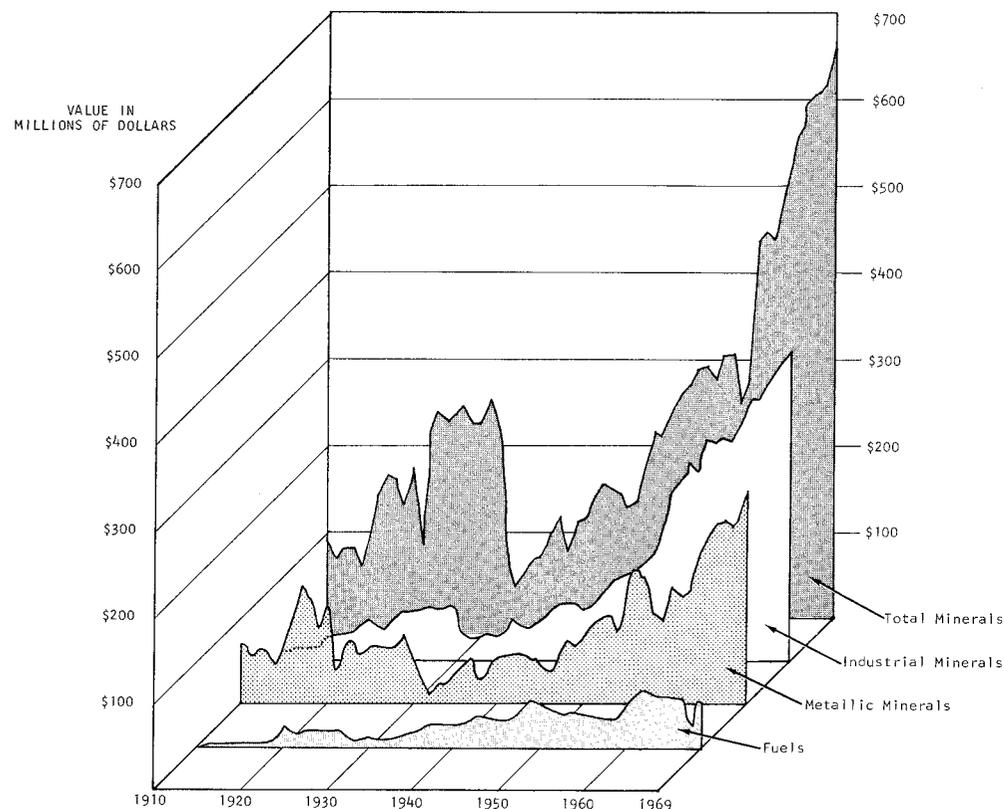
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Sulfur

Name & Address of Producer	Nearest Town	County
Leonard Refineries, Inc. Alma, Michigan 48801	Alma	GRATIOT
Marathon Oil Company 1300 S. Fort Street Detroit, Michigan 48217	Detroit	WAYNE
Mobil Oil Co., Inc. Box 477 Trenton, Mich. 48183	Trenton	WAYNE

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VALUE OF MINERALS MINED IN MICHIGAN: 1910-1969



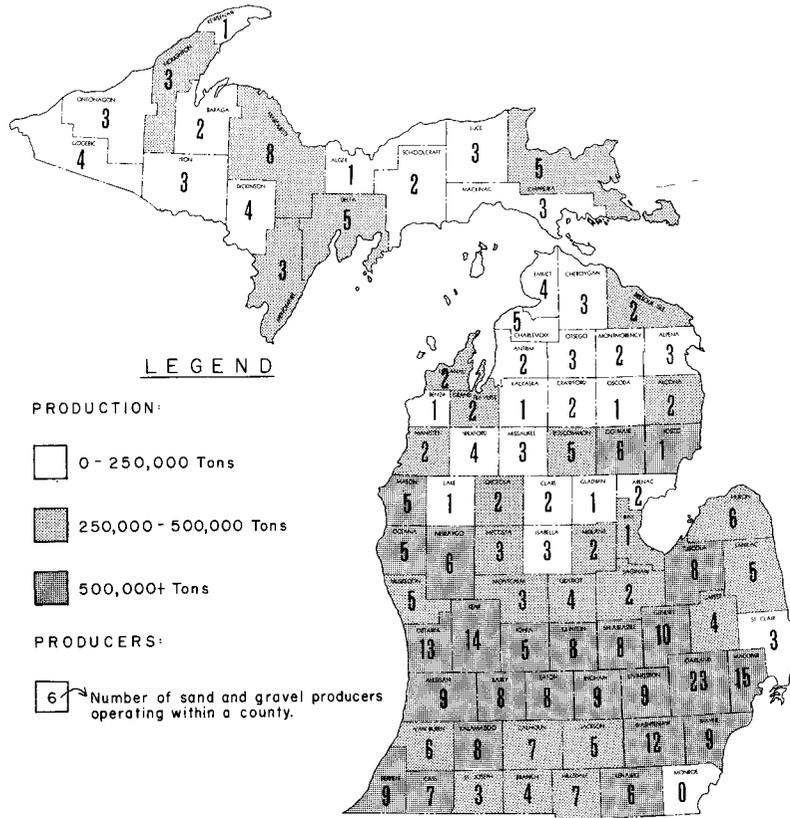
Sand and Gravel

Name and Address (Michigan)	County
A A.B.C. Sand Co., 36444 Cowan Rd., Nankin 48184	WAYNE
Adrian Sand & Gravel Co., (Geo. Oldfield, Inc.) Adrian 49221 (2 pits)	LENAWEE
Advance Bldg. Materials Co., 4500 31 Mile Rd., Romeo 48065	MACOMB
Aggregate Processors, Inc., Box 566, White Pigeon 49099	ST. JOSEPH
Albert Sand & Gravel, Inc., Stow Rd., Fowlerville 48836	LIVINGSTON
Albrecht, William Jr., Sandusky 48471	SANILAC
Alcona County Road Commission, Lincoln 48742	ALCONA
Alger County Road Commission, Box 231, Munising 49862	ALGER
Allegan County Road Commission, R#1, Box 2, Allegan 49010	ALLEGAN
Alpena County Road Commission, Box 28, Alpena 49707	ALPENA
American Aggregates Corp., 21158 W. Nine Rd., Southfield	KALAMAZOO & LIVINGSTON (HMS), MACOMB (HMS), OAKLAND (HMS)
American Stone Products, 6335 Sashabow Rd., Clarkston 48016	OAKLAND
Andersen Sand & Gravel Co., 1705 Boxwood St., Saginaw 48601	TUSCOLA
Antrim County Road Commission, Mancelona 49659	ANTRIM
Arenac County Road Commission, Omer 48749	ARENAC
Arrowhead Silica Corp. (Manley Bros. Div.), 128 S. 15th St. Chesterton, Indiana 46304 (S)	BERRIEN
B B & K Sand and Gravel, Wallace 49893	MENOMINEE
Baraga County Road Commission, P. O. Box 227, L'Anse 49946	BARAGA
Barr Sand and Gravel, Inc., 968 Barnes Rd., Mason 48854	INGHAM
Barry County Road Commission, P. O. Box 158, Hastings 49058	BARRY
Bartlett, Norman & Leon, R#3, East Jordan 49727	CHARLEVOIX
Battle Creek Gravel Co., 3800 Dickman Rd., Battle Creek 49015	CALHOUN
Beagle, Richard, Sand & Gravel, 1623 S. Commerce Rd., Walled Lake 48088 (4 pits)	OAKLAND
Beckett Excavating, 19 E. Federal Hwy., Roscommon 48653	ROSCOMMON
Beckman Bros. (Shelby Tractor Sales), 210 Michigan Ave., Shelby 49455	OCEANA
Bennett Excavating & Gravel Co., Hamburg 48139	LIVINGSTON
Bernthal Sand & Gravel Co., R#2, Reese 48757	TUSCOLA
Bichler Gravel Co., Box 205, Wells, 49894	DELTA
Blue Grass Farms, 16185 Newburgis Rd., Livonia 48152	WAYNE
Boichot Concrete Prod. Corp., 1800 Turner St., Lansing 48906	CLINTON (HMS)
Brade Ready Mix Co., 175 Main St., Kinde 48455,	HURON
Brady Sand & Gravel, Tecumseh 49286	LENAWEE
Branch County Road Commission, Box 75, Coldwater 49036	BRANCH
Brewers City Coal Dock, 24 Pine Ave., Holland 49423	OTTOWA
Briggs Ready-Mix & Gravel, 311 State St., Charlotte 48813	EATON (HMS)
Brink, William, 1535 Willis Rd., Saline 48176	WASHTENAW
Brow, Gene, Newberry 49868	LUCE
Brown, Gil, Constructors, Inc., R#2, Alpena 49707	BARRY
Budzen, John, Route 1, Paw Paw 49079	VAN BUREN
Bundy Hill Gravel Co., (L. A. Davidson Co.) Jerome 49249	HILLSDALE (HMS)
Burkett, J. V., St. Joseph 49085	KENT, MUSKEGON
C Calhoun County Road Commission, County Bldg., Marshall	CALHOUN
Carter, George, Sand & Gravel, 2900 Inwood Rd., Romeo 48065	MACOMB
Caspian Constr. Co., Caspian 49115	DICKINSON, GOGEBIC, IRON, MARQUETTE, ONTONAGON
Cass County Road Commission, R#1, Box 175, Cassopolis	CASS

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NUMBER AND PRODUCTION OF SAND AND GRAVEL

PRODUCERS PER COUNTY



NUMBER AND PRODUCTION OF DOMESTIC COMMERCIAL SAND AND GRAVEL PLANTS IN MICHIGAN BY SIZE OF OPERATION (U.S. BUREAU OF MINES)

Annual Production	Plants		Thousand Short Tons	
	Number	Percent	Short Tons	Percent
0 to 25,000	152	36.5	1,977	4.0
25,000 to 50,000	71	17.1	2,577	5.1
50,000 to 100,000	70	16.9	5,082	10.0
100,000 to 200,000	53	12.8	7,370	14.5
200,000 to 300,000	26	6.3	6,555	12.9
300,000 to 400,000	16	3.9	5,449	10.8
400,000 to 500,000	9	2.2	3,953	7.8
500,000 to 600,000	5	1.2	2,727	5.4
600,000 to 700,000	3	0.7	1,917	3.8
700,000 to 800,000	2	0.5	1,579	3.1
800,000 to 900,000	2	0.5	1,747	3.4
900,000 to 1,000,000	1	0.2	936	1.8
1,000,000 & OVER	5	1.2	8,800	17.4
TOTAL	415	100.0	50,669	100.0

SAND AND GRAVEL (CON'T)

Name and Address (Michigan)	County
Central Michigan Sand & Gravel, 416 E. Huron St., Ann Arbor 48108	CLINTON, WASHTENAW
Champion, Inc., 105 E. "A" St., Iron Mountain 49801	DICKINSON, MARQUETTE
Charlevoix Co. Road Commission, P. O. Box 39, Boyne City 49712	CHARLEVOIX
Cheney Gravel Co., 691 N. College Rd., Mason 48854	INGHAM
Chippewa Co. Road Commission, R#2, Box 262, Sault Ste. Marie 49783	CHIPPEWA
Clare County Road Commission, Harrison 48625	CLARE
Cliff's Gravel Co., G-6411 W. Carpenter Rd., Flushing	GENESEE
Clinton County Road Commission, St. Johns 48879	CLINTON
Coit Ave. Gravel Co., Inc., 4772 Coit Ave. NE, Grand Rapids 49505	KENT
Cole Brothers, R#3, Box 368, Battle Creek 49017	BARRY, CALHOUN
Cole Gravel Co., R#1, Patterson Rd., Wayland 49348	HILLSDALE, IONIA,
Combs, Emil, Gravel & Ready-Mix, R#1, Tekonsha 49092	KALAMAZOO, ST. JOSEPH
Constr. Aggregates Corp., 120 S. LaSalle St., Chicago, Ill. 60603	BARRY
Consumers Sand & Gravel Co., Nazareth Rd., P. O. Box 231, Kalamazoo 49001	CALHOUN
Contractors Gravel Co., 455 Bertha St., Comstock Park 49321	OTTAWA (HMS)
Cook Block Co., 138 E. Harrington Rd., Croswell 48422	KALAMAZOO
Corey & Hartwig, Inc., Hadley, Michigan 48440	KENT
Cousineau Gravel, Inc., 1104 S. State St., Big Rapids 49307	SANILAC
Crandell Trucking Co., Charlotte 48813	LAPEER
Crawford County Road Commission, 320 State St., Grayling 49738	ISABELLA, MASON,
	MECOSTA, MONTCALM
	EATON
	CRAWFORD
D D. & J. Gravel Co., R#2, 4950 Mason Rd., Howell 48843	LIVINGSTON
Dean & Son, N. Pine St., Onaway 49765	CHEBOYGAN
Delta County Road Commission, P. O. Box 298, Escanaba 49829	DELTA
Delton Excavating Co., Cloverdale 49035	BARRY
DeVries & Sons, 959 Bristol Ave. NW, Grand Rapids 49504	KENT
DeWent Gravel Co., U.S. #21, Hudsonville 49426	OTTAWA
Dickinson County Road Comm., P. O. Box 509, Iron Mountain 49801	DICKINSON
Dowling, Bernard, Trucking, R#1, Long Rapids Rd., Alpena 49707	ALPENA
Dubey, Wayne, Sand & Gravel, R#3, Alpena 49707	ALPENA
Dunbar, Leo, 7658 U.S. 131 S., Cadillac 49601	WEXFORD
Dyer Company, McBrides 48852	MONTCALM
E Eastman Gravel Pit, R#1, 422 Stover Rd., Standish 48658	ARENAC
Eaton County Road Commission, P. O. Box 110, Charlotte 48813	EATON
Eckley, Harry E., Pioneer, Ohio 43554	HILLSDALE
Edwards, Melvin, Wayland 49348	ALLEGAN
Ehinger Bros. Excavating Co., 350 M-30, West Branch 48661	OGEMAW
Eichenberg, Howard, Contr., White Cloud 49349	NEWAYGO
Emmet County Road Commission, Petoskey 49770	EMMET
F Fedewa, Leo, Route 4, St. Johns 48894	CLINTON
Fenton Gravel Co., Inc., 11301 Fenton Hill Rd., Fenton 48430	LIVINGSTON
Ferguson Excavating Co., 5360 N. State Rd., Davison 48423	GENESEE
Fiser Supply Co., 1617 E. Jolly Rd., Lansing 48900	INGHAM
Fisher Sand & Gravel Co., 921 S. Jefferson Ave., Midland 48640	ISABELLA
Fitzgerald, Fred, Gravel Co., 3713 E. Six Mile Creek, Owosso 48867	SHIAWASSEE

SAND AND GRAVEL (CON'T)

Name and Address (Michigan)	County
Flemming Gravel Co., Allegan 49010 Fox, R. J., Constr. Co., Caro 48723	ALLEGAN
Fox Valley Constr. Co., Box 827, Appleton, Wisconsin 54910	BARAGA, MARQUETTE, ONTONAGON
Fuoss Gravel Co., R#1, Durand 48429	BARAGA, DELTA, MARQUETTE, MENOMINEE, ONTONAGON SHIAWASSEE
G Genesee Gravel Co., Swartz Creek 48473	GENESEE
George, Jerry, Sand & Gravel, Inc., Harrisville 48740	ALCONA
Gillette Sand & Gravel, 9741 E. M-78, Haslett 48840	SHIAWASSEE
Glancy, R. E., Inc., 1055 S. Bay Dr., Tawas City 48763	IOSCO
Globe Ready Mix, Norrie Loc., Ironwood 49938	GOGEBIC
Gogebic County Road Commission, Courthouse, Bessemer 49911	GOGEBIC
Gooding, O. E. & Co., (Whittaker & Gooding Co.), 5800 Cherry Hill Rd., Ypsilanti 48197	WASHTENAW
Grand Rapids Gravel Co., 2100 Chicago Dr. SW, Grand Rapids 49509	KENT
Grand River Gravel Co., Box 494, Owosso 48867	SHIAWASSEE
Grand Valley Gravel Co., 10450 Linden Dr., R#5, Grand Rapids 49504	OTTAWA
Gratiot County Road Commission, Ithaca 48847	GRATIOT
Great Lakes Foundry Sand Co., 1217 Francis Palms Bldg., Detroit 48201 (S)	TUSCOLA
Great Lakes Gravel Co., Inc., 2900 Auburn Rd., Utica 48087	MACOMB
Gronlund Gravel Co., Bear Lake 49614	MANISTEE
H Halliday Sand & Gravel, Inc., Houghton Lake 48629	ROSCOMMON
Hanna Mining Co., 100 Erieview Plaza, Cleveland, Ohio 44114	IRON
Harmon Sand & Gravel Co., 3365 Harmon Rd., St. Johns 48879	CLINTON
Hayes Washed Sand & Gravel Co., Inc., Box 157, Northville 48167	WAYNE
Hersey Sand & Gravel Div., J. P. Burroughs & Son, Hersey 49639	OSCEOLA (HMS)
Hocking, George, Construction Co., South Range 49963	HOUGHTON
Hodgins, Ken & Sons, Marquette 49855	MARQUETTE
Holloway Sand & Gravel Co., Inc. (Holloway Construction Co.) 29250 Wixom Rd., Box 247, Wixom 48096	GENESEE, OAKLAND, OTSEGO
Holly Sand & Gravel Plant, J. P. Burroughs & Son, Inc., 16240 Tindall Rd., Davisburg 48019	OAKLAND (HMS)
Holmberg, Gunnar F., R#1, Gladstone 49837	DELTA
Hoover Brothers, 1139 Tripp Rd., Waldron 49288	HILLSDALE
Houghton County Road Commission, Royce Rd., Hancock 49930	HOUGHTON
Hubscher & Son, P. O. Box 411, Mt. Pleasant 48858	CLARE, GRATIOT, ISABELLA
Huizenga Gravel Co., 10015 Gordon, Zeeland 49464	OTTAWA
Huron County Road Commission, P. O. Box 270, Bad Axe 48413	HURON
I Indiana Hwys., Materials, Inc., 2116 W. Wilden Ave., Goshen, Indiana 46526	CASS
Ionia County Road Commission, P. O. Box 76, Ionia 48846	IONIA
Ireland & Lester Co., Inc., 220 N. Wayne St., St. Joseph 49085	BERRIEN
Iron County Road Commission, Crystal Falls 49920	IRON
Ironwood, City of, Ironwood 49938	GOGEBIC
Isabella County Road Commission, R#2, Mt. Pleasant 48858	ISABELLA
Ishpeming, City of, Ishpeming 49849	MARQUETTE

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SAND AND GRAVEL (CON'T)

Name and Address (Michigan)	County
J Jackson Sand & Gravel, R#2, Reading 49274	HILLSDALE
Jackubiak Sand & Gravel, Mt. Clemens 48043	MACOMB
James, Chester Jr., Hillman 49746	MONTMORENCY
Jennings, Inc., 14300 Shields Rd., Holly 48442	OAKLAND
John R. Sand & Gravel Co., 2272 Seymour L. Rd., Oxford 48051	OAKLAND
K K-V Gravel Co., 403 Cherokee Dr., Fremont 49412	NEWAYGO
Kalamazoo County Road Commission, P. O. Box 2127, 3801 E. Kilgore Rd., Kalamazoo 49003	KALAMAZOO
Kalkaska County Road Commission, Kalkaska 49646	KALASKA
Kasuri, Wayne J., Romeo 48065	MACOMB
Kent County Road Commission, 1500 Scribner, NW, Grand Rapids 49504	KENT
Keweenaw County Road Commission, Mohawk 49950	KEWEENAW
Kemler Brothers, 100 South St., Rochester 48063	OAKLAND
Ketchum Gravel & Ready-Mix, Inc., R#3, Mason 48854	INGHAM
Kiell Excavating Co., 2046 M-140, Niles 49120	BERRIEN
Killins Concrete Co., 3305 W. Liberty, P. O. Box 1046, Ann Arbor 48106	WASHTENAW (HMS)
Klett Construction Co., Hartford 49057	VAN BUREN
Klumpp Bros. Gravel Co., 4950 Loveland Rd., Grass Lake 49240	JACKSON
Koenig Fuel & Supply Co., 1486 Gratiot Ave., Detroit 48207	OAKLAND (HMS)
Kruse Gravel Pit, 1090 W. Clark Rd., Ypsilanti 48197	WASHTENAW
Kurtz Gravel Co., G-5300 N. Dort Hwy., Flint 48505	GENESEE
L Lake County Road Commission, Baldwin 49304	LAKE
Lake Superior & Ishpeming R.R., 105 Washington, Marquette 49855	MARQUETTE
LaMar Gravel Co., Inc., R#1, Grawn 49637	GRAND TRAVERSE
Lapeer County Road Commission, 44 Park St., Lapeer 48446	LAPEER
Leelanau County Road Commission, Suttons Bay 49682	LEELANAU
Lilac & Moore, East Jordan 49727	CHARLEVOIX
Lindberg & Sons, Inc., Box 308, Ishpeming 49849	MARQUETTE
Livingston County Road Commission, 918 North St., Howell 48843	LIVINGSTON
Luce County Road Commission, P. O. Box 401, Newberry 49868	LUCE
Lyon Sand & Gravel Co., (Div. Ed. C. Levy Co.) 9300 Dix, Dearborn 48120	OAKLAND (HMS)
M Mackinac County Road Commission, St. Ignace 49781	MACKINAC
Macomb County Road Comm., 115 Groesbeck Hwy., Mt. Clemens 48043	MACOMB
Macomb Sand & Gravel Co., 3295 Auburn Rd., Utica 48087	MACOMB
Mangene, Mike, Inc., Cedarville 49719	MACKINAC
Manistee County Road Commission, 425 Parkdale Ave., Manistee 49660	MANISTEE
Manley Sand Div., Martin Marietta Corp., Rockton, Illinois 61072	BERRIEN
Manning & Locklin Gravel Co., Box 216, Northville 48167	WAYNE
Marby & Melton, 3331 Adams Rd., Pontiac 48058	OAKLAND
Marquette, City of, Marquette 49855	MARQUETTE
Marquette County Road Commission, Box 10, Ishpeming 49849	MARQUETTE
Marsack Sand & Gravel, 23633 Deanhurst, St. Clair Shores 48080	MACOMB
Martin, Harold L., Box 54, Westphalia 48894	IONIA
Marvic & Sons, 1514 N. 16th, Escanaba 49829	DELTA
Mason County Road Commission, P. O. Box 247, Scottville 49454	MASON
Mason, Hugh H. & Sons, R.F.D. #1, Gaylord 49735	CHEBOYGAN, OTSEGO

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SAND AND GRAVEL (CON'T)

Name and Address (Michigan)	County
McCormick Sand Corp. 4912 Russel Road, Muskegon 49440	MUSKEGON
McGuirk, Jim & Sons, 616 S. Adams St., Mt. Pleasant 48858	ISABELLA
McMahon Bros., Iron River 49935	IRON
Mecosta County Road Commission, 1105 E. Maple St., Big Rapids 49307	MECOSTA
Medusa Portland Cement Co., Box 5668, Cleveland, Ohio 44101	CHARLEVOIX
Menominee County Road Commission, 3222 10th St., Menominee 49858	MENOMINEE
Mickelson Corp., 435 Granger Rd., Oxford 48051	OAKLAND (HMS)
Midland County Road Commission, Midland 48640	MIDLAND
Mid-Michigan Materials, Inc., 406 Park Ave., Yale 49097	SANILAC
Miller, George & Sons, Inc., Niles Rd., St. Joseph 49085	BERRIEN
Miller Prod. & Supply Co., North U.S. 2, Iron Mountain 49801	DICKINSON
Miller, Paul C. Co., 10300 Sparta Ave., Sparta 49345	KENT, MUSKEGON, NEWAYGO, OCEANA, OTTAWA
Millikin, Jack, Inc., Grayling 49738	CRAWFORD
Missaukee County Road Commission, P. O. Box A, Lake City 49651	MISSAUKEE
Molesworth Contracting Co., 321 Park Ave., Yale 48097	LAPEER, MACOMB, OAKLAND, SANILAC, ST. CLAIR
Monteno, Anthony J., I-75 Business spur, Sault Ste. Marie 49783	CHIPPEWA
Montcalm County Road Commission, Stanton 48888	MONTCALM
Montmorency County Road Commission, Atlanta 49709	MONTMORENCY
Moore Bros. Sand & Gravel, 7635 Wayne Rd., Wayne 48184	WAYNE
Morgan Sand & Gravel Co., 45095 Ryan Rd., Utica 48087	MACOMB, LIVINGSTON
Morgan, Al Sand Co., 26291 Pennsylvania Rd., Romulus 48174	WAYNE
Murawski, Edward, Fillion 48432	HURON
Muskegon Gravel Div., 4-Star Excavating Co., 1608 Creston St., Muskegon 49442	OTTAWA
N Nashville Gravel Co., R#2, Nashville 49073	BARRY (HMS)
Natural Aggregates Corp., 65545 Mound Rd., Romeo 48065	LIVINGSTON, MACOMB
Neuman Sand & Gravel, G-5281 Deland, Flushing 48433	GENESEE
New Hudson Sand & Gravel, Inc., P. O. Box 174, New Hudson 48165	OAKLAND
Newman Sand & Gravel, 37535 Palmer Rd., Wayne 48184	WAYNE
Nieb Concrete Prod. Co., (Niles Sand & Gravel Div.), 1406 S. 11th St., Niles 49120	CASS
Northeast Gravel & Excav. Co., 4300 Cannonsburg Rd., Belmont 49306	KENT
Northern Concrete Prod. Co., Harbor Springs-Conway Rd., Petoskey 49770	EMMET
Northwest Materials, Inc., Bryan, Ohio 43506	HILLSDALE
Nugent Sand Co., Inc., 2875 Lincoln St., Muskegon 49440	MUSKEGON
O Oceana County Road Commission, P. O. Box 112, Hart 49420	OCEANA
Ogemaw County Road Commission, 223 Thomas St., West Branch 48661	OGEMAW
Ontonagon County Road Commission, 415 Spar St., Ontonagon 49953	ONTONAGON
Osborn, Dale, Inc., 5850 Pardee, Taylor 48180	WASHTENAW
Oscoda County Road Commission, Mio 48647	OSCODA
Otisville Stone Co., 12150 N. State Rd., Otisville 48463	GENESEE
Otsego County Road Commission, 720 S. Otsego Ave., Gaylord 49735	OTSEGO
Ottawa County Road Commission, Grand Haven 49417	OTTAWA
Oxford Mining Co., Davisburg 48019	OAKLAND

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SAND AND GRAVEL (CON'T)

Name and Address (Michigan)	County
P. & B. Gravel Co., R#3, Ithaca 48847	GRATIOT
Paas, Harold, Three Rivers 49093	ST. JOSEPH
Palmer Sand & Gravel, 2531 E. South St., Jackson 49201	JACKSON
Paris Gravel Co., R#1, Big Rapids, 49307	MECOSTA
Peake Asphalt Paving Co., Inc., Utica 48087	MACOMB
Peninsula Asphalt & Constr. Co., Box 726, Traverse City 49684	LEELANAU
Penn-Dixie Cement Corp., Box 152, Nazareth, Pa. 18064	EMMET
Peterhans Bros., R#2, Caro 48723	TUSCOLA
Peters Constr. Co., 3325 E. Kilgore Rd., Kalamazoo 49001	KALAMAZOO
Peters Sand & Gravel, 3548 N. Deckerville Rd., Lupton 48635	OGEMAW (HMS)
Petersen Gravel & Excav., 350 Norwood, Rockford 49341	KENT
Pickitt & Schreur, Inc., Box 149, Allegan 49010	ALLEGAN (HMS), BARRY, CALHOUN, CHARLEVOIX, EATON, IONIA, JACKSON, KENT, LENAWEE, MISSAUKEE, OTTAWA, WASHTENAW
Polhamus Sand & Gravel, Ovid 48866	SHIAWASSEE
Portable Aggregate Producers, Inc., Box 237, Walled Lake 48088	OAKLAND
Powell Sand & Gravel, Fairgrove 48733	TUSCOLA
Presque Isle County Road Commission, Rogers City 49779	PRESQUE ISLE
Pryor Bros., R#2, Grand Ledge 48837	CLINTON, EATON
Q Quality Aggregate Co., Inc., 646 Becker Rd., Osseo 49266	HILLSDALE
R Rieth-Riley Const. Co., Inc., P. O. Box 566, Sturgis 49091	BERRIEN, BRANCH, CASS, CALHOUN, EATON, KENT, NEWAYGO, OCEANA, OTTAWA, ST. JOSEPH, VAN BUREN
Riverside Sand & Gravel Co., 1050 Maynard Ave., SW, Grand Rapids 49504	KENT
Riverview Gravel Co., 805 Taylor St., Jenison 49428	OTTAWA
Rocks, Sand, Gravel Co., 2401 Chicago Dr., Grand Rapids 49509	KENT
Roscommon County Road Commission, P. O. Box 117, Roscommon 48653	ROSCOMMON
Roslund Gravel Co., 6902 Jerome Rd., Alma 48801	GRATIOT
Ryno Sand & Gravel, Box 778, Watervliet 49098	BERRIEN
S St. Clair County Road Commission, 3415 28th St., Port Huron 48060	LAPEER, ST. CLAIR
St. Joseph County Road Commission, Centerville 49032	ST. JOSEPH
Saginaw Core Sand Co., 2924 Carrolton Rd., Saginaw 48604 (S)	GENESEE
Saginaw County Road Commission, Saginaw 48601	SAGINAW
Salem Gravel & Constr. (J. P. Burroughs & Son, Inc.) 5175 Oakhill Rd., Clarkston 48016	OAKLAND
Sand Products Corp., 2489 First Nat'l. Bank Bldg., Detroit 48226 (S)	MANISTEE, MUSKEGON,
Sanderson, C. G., Equipment Co., City County Airport, Sault Ste. Marie 49783	CHIPPEWA
Sanilac County Road Commission, Sandusky 48471	SANILAC
Sargent Sand Co., 2840 Bay Rd., Saginaw 48604 (S, SG)	BAY, MASON, SAGINAW, TUSCOLA
Scarlett Gravel Co., 1721 S. Cedar, Holt 48842	INGHAM
Schoolcraft County Road Commission, P. O. Box 152, Manistique 49854	SCHOOLCRAFT
Schworm, I. V., & Son, Inc., Box 162, Traverse City 49684	GRAND TRAVERSE
Sheldon Contractors, 4035 Dove Rd., Port Huron 48060	ST. CLAIR
Shenk Gravel Co., (Donald Shenk, Sr.), Durand 48429	SHIAWASSEE

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SAND AND GRAVEL (CON'T)

SAND AND GRAVEL (CON'T)

Name and Address (Michigan)	County
Shiawassee County Road Commission, Corunna 48817	SHIAWASSEE
Short Hills Gravel Co., Manchester 48158	WASHTENAW
Sievert Bros., 200 E. River St., Manistee 49660	MANISTEE
Sky-Way Sand & Gravel Co., 4060 E. Holt Rd., Holt 48842	INGHAM (HMS)
Snellenberger Gravel, 13164 Seymour Rd., Montrase 48417	GENESEE
South Flint Gravel Co., P. O. Box 275, Grand Blanc 48439	OAKLAND
Spartan Aggregates, Inc., 1740 S. Cedar, Holt 48842	EATON, INGHAM, LIVINGSTON, OAKLAND
Stamm Bros. Gravel Co., R#1, Adrian 49221	LENAWEE
Standard Gravel Co., Cement City 49233	LENAWEE
Standard Ready-Mix, Inc., Lansing 48900	INGHAM
Standard Sand Co., P. O. Box 290, Grand Haven 49417 (S)	OTTAWA, VAN BUREN
Stanley, Jess, Gravel, R#3, Houghton Lake 48629	CRAWFORD, GLADWIN, ROSCOMMON
Steel Brothers, 458 W. Sunset Dr., Roscommon 48653	ROSCOMMON
Stidham Gravel Co., 227 S. Michigan Ave., Hastings 49058	BARRY
Stony Lake Sand & Gravel, R#1, Augusta 49012	KALAMAZOO
Straits Aggregate & Equip. Corp., Box 119A, R#1, Oscoda 48753	PRESQUE ISLE
Superior Sand & Gravel, Inc., 1028 Ethyl Ave., Hancock 49930	HOUGHTON
Sur Sand & Gravel, Inc., M-62 West, Dowagiac 49047	CASS
Syers Gravel Co., Inc., R#2, Hesperia 49421	OCEANA
T Tecumseh Gravel Co., P. O. Box 247, Tecumseh 49286	LENAWEE
Telischak Sand & Gravel, Inc., 12300 Farmington Rd., Livonia 48150	OAKLAND
Tharp & Kosiba, 445 Brown Rd., Pontiac 48053	OAKLAND
Thomas, Alfred H., 250 W. Park Ave., Vicksburg 49097	KALAMAZOO
Thompson Constr. Co., 234 W. Garfield, Coldwater 49036	BRANCH
Thompson-McCully Sand & Gravel Co., 5905 Belleville Rd., Belleville 48111	WASHTENAW
Thomson Sand & Gravel, 48399 W. 7 Mile Rd., Northville 48167	WAYNE
Thornton Contr. Co., Inc., 1028 Ethel Ave., Hancock	CHIPPEWA
Thumm's Sand & Gravel, 117 S. Grove St., Ypsilanti 48197	WASHTENAW
Tod Gravel Co., 6498 W. Michigan, R#1, Ovid 48866	GENESEE
Town's Trucking Co., P. O. Box 577, Ludington 49431	MASON, OCEANA
Tuckey Block Co., Cass City 48726	TUSCOLA
Tuscola County Road Commission, 120 Millwood St., Caro 48723	TUSCOLA
U Underwood Sand & Gravel Co., 2255 Hamlin Rd., Utica 48087	OAKLAND
V Van Buren County Road Commission, Paw Paw 49079	ALLEGAN, VAN BUREN
Van Every, Charles, Northville 48167	OAKLAND
Velting Contractors, Inc., 2021 Newark Ave. SE, Grand Rapids 49507	KENT
Vermontville Gravel Co., R#1, Vermontville 49096	EATON
Vollmer Sand & Gravel, Pigeon 48755	HURON
Voss, Harold O., R#2, Fennville 49408	ALLEGAN
W Waanders, Ben, & Son, R#5, Box 30, Allegan 49010	ALLEGAN
Wagner Ready-mix, 220 N. 3rd St., Harbor Beach 48441	HURON
Walling Gravel Co., P. O. Box 52, St. Johns 48879	CLINTON
Washtenaw County Road Commission, 555 N. Zeeb Rd., Ann Arbor 48103	WASHTENAW
Washtenaw Sand & Gravel, Inc., 4984 Earhardt, Ann Arbor 48105	WASHTENAW
Waterbury, Wallace Gravel Co., Coldwater 49036	BRANCH (HMS)
Wayne Sand & Gravel, Inc., 39891 Ecorse Rd., Wayne 48184	WAYNE
Weaver, Ronald, Gravel Co., Box 116, Dansville 48819	INGHAM, JACKSON, SHIAWASSEE

Name and Address (Michigan)	County
Weber's Sand & Gravel, 2595 Lapeer Rd., Pontiac 48055	OAKLAND
West Branch Concr. Prod., Inc., 3350 Rou, West Branch 48661	OGEMAW
West Lansing Gravel Co., 1500 E. High St., Lansing 48900	INGHAM
West Shore Constr. Co., Inc., Zeeland 49464	OTTAWA
Wexford County Road Commission, P. O. Box 88, Cadillac 49601	WEXFORD
Wexford Gravel Co., P. O. Box 472, Cadillac 49601	WEXFORD
Wheeler Transit Mix Concrete Co., Box 65-A, Greenville 48838	MONTCALM
Whit Pond Gravel Co., RFD #1, Cassopolis	CASS
White, Alden Bldg. Contr., Watervliet 49098	BERRIEN
Whitehall Farms, 62751 Haven Ridge Rd., Richmond 48062	MACOMB
Whitehall Gravel Co., 3278 Colby St., Whitehall 49461	MUSKEGON
Whitehead, I. L., Co., Sault Ste. Marie 49783	CHIPPEWA, CRAWFORD, LUCE, MACKINAC, SCHOOLCRAFT
Whittaker & Gooding Co., 5800 Cherry Hill Rd., Ypsilanti 48197	WASHTENAW (HMS)
Whittum's Gravel Co., Eaton Rapids 48827	EATON
Wilkinson Sand & Gravel Co., 2284 Auburn Rd., Pontiac 48055	OAKLAND
William Bros. Asphalt Co., Box 78, Ionia 48846	IONIA
Willson Bros., Inc., Rives Junction 49277	JACKSON
Wurth Concrete & Aggregates, Inc., 3734 10th St., Menominee 49858	MENOMINEE
Y Yerington, John G., R#3, Box 34, Benton Harbor 49022	ALLEGAN, BARRY, BERRIEN, BRANCH, CALHOUN, CASS, CLINTON, HILLSDALE, IONIA, LENAWEE, MUSKEGON, NEWAYGO, VAN BUREN

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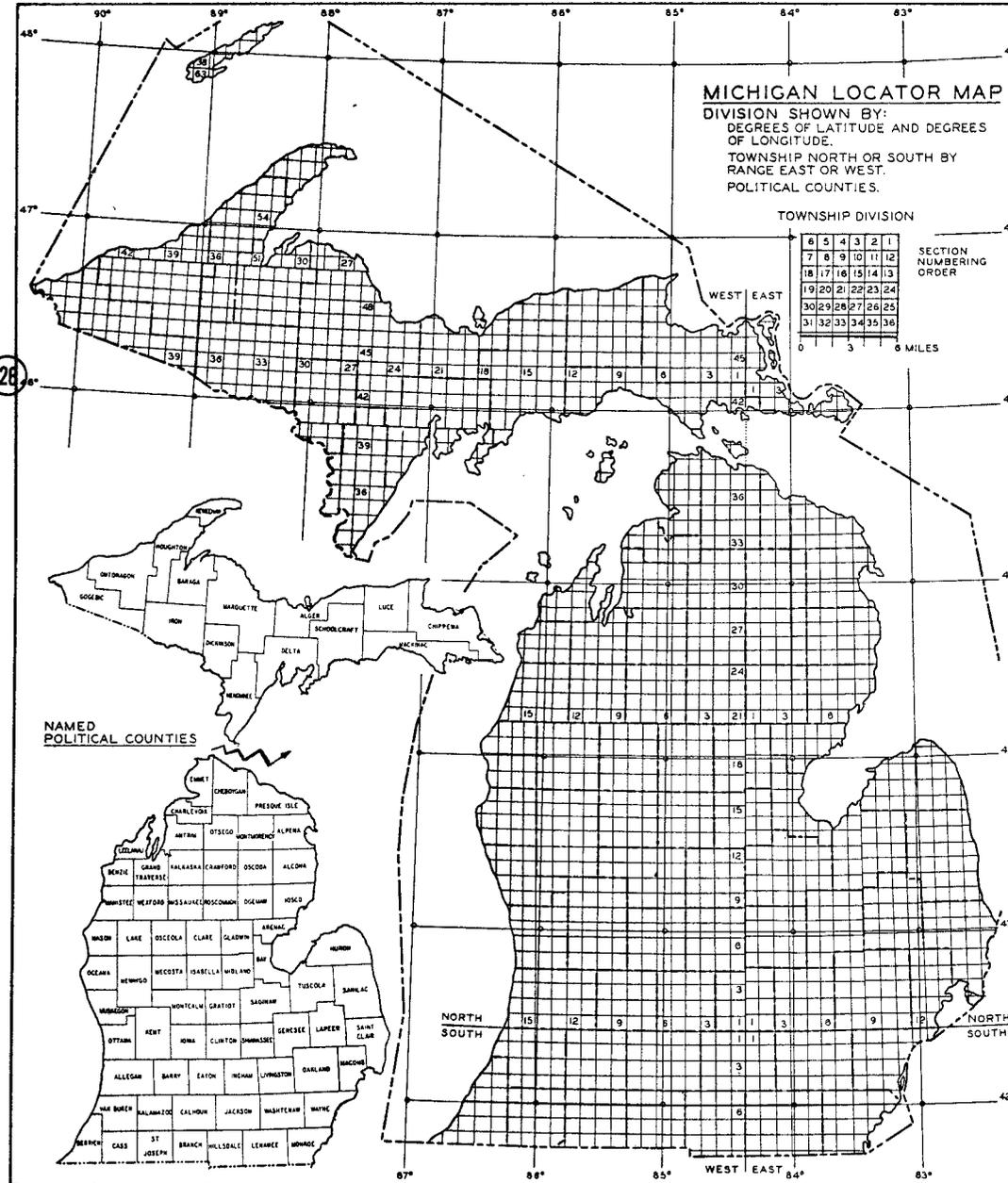
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(HMS) = Heavy media separation equipment
(S) = Industrial Sand only
(S, SG) = Industrial Sand in addition to sand & gravel.

Total commercial sand and gravel producers 249
Total non-commercial sand and gravel producers 68
TOTAL SAND & GRAVEL PRODUCERS IN MICHIGAN IN 1969 317

Mineral Producers Listed By County

1969



Mineral producers contributing production data for 1969 are listed below by county. Location of the operation, when known, is given by section, township, and range, or nearest city to operation.

The sentence below each county name gives: (1) the county standing (rank) in total value of minerals produced by the county in 1969, (2) the total dollar value, and (3) minerals produced in the county in order of value. Values withheld in order to avoid disclosing individual company confidential data are indicated with a (W). Figures in parentheses following a mineral resource show the rank of the county in production.

A brief narrative report on 1969 mineral production county by county, is given in "Mineral Industry of Michigan, 1969", distributed with this Directory, or available on request. Annual publications entitled: "Statistics Covering Costs and Production of Michigan Iron Mines", and "Michigan Oil and Gas Fields" are also available by writing the Publications Room, Department of Natural Resources, Lansing, Michigan 48926.

ALCONA

70th - \$225,000: Sand and gravel

Alcona Co. Road Comm.	NW NW 14 28N 8E	Sand and gravel
	NW SE 23 27N 8E	
	NE 25 27N 7E	
	SW SW 12 26N 9E	
	NE SW 1 26N 9E	
	SW NE 4 28N 5E	
	SE NE 7 26N 6E	
	NW NW 12 25N 6E	
	NE NW 34 27N 7E	Sand and gravel
Jerry George Sand & Gravel	NE SE 3 25N 9E	

ALGER

79th - \$38,000: Sand and gravel

Alger Co. Road Comm.	NE SW 7 49N 13W	SE SE 10 49N 14W	Sand and gravel
	SE SE 11 47N 17W	SE NE 8 46N 17W	
	SE NE 15 46N 19W	SW NW 6 46N 20W	
	SE NE 32 46N 21W	SE NE 34 46N 21W	
	NE 4 45N 21W	NE 9 45N 21W	
	SW NE 10 45N 20W	SE NE 28 45N 21W	
	SW 33 45N 22W	NE NE 34 45N 21W	
	NE 7 44N 21W	SW NW 25 44N 21W	

ALLEGAN

41st - \$1,152,343: Sand and Gravel, Petroleum, Natural Gas, Marl, Peat

Allegan Co. Rd. Comm.	(contractor)	Sand and gravel
Gerald Arnsman	Hervig, Belden, Ryan Pits	Marl
Charles E. Douglas	Wayland	Peat (reed-sedge)

ALLEGAN (con't.)

Melvin Edwards	Wayland	Sand and gravel
Fleming Gravel Company	Allegan	" " "
Emil Pavlak	NE SW 12 2N 12W	Marl
Pickett & Schreur	11 2N 14W	Sand and gravel
	35 2N 13W	
Harold O. Voss	Fennville	Sand and gravel
Ben Waanders & Son	W 1/2 NW 21 2N 13W	" " "

ALPENA

5th, (W), Cement (1st), Stone for cement mfg., Shale for cement mfg., Sand and Gravel

Alpena Co. Road Comm	NW SW 13 30N 7E	Sand and gravel
	SW 35 31N 6E	
	E 1/2 NW 24 32N 8E	
	13 32N 7E	
(28) Bernard Dowling Trucking	Alpena	" " "
Wayne Dubey	NE SE 23 32N 8E	" " "
	SE 32 32N 8E	
Huron-Portland Cement Co.	NE 30 31N 7E	Shale
	24 31N 8E	Cement
	13 31N 8E	Limestone, crushed
Mich. State Hwy. Dept.	(contractor)	Sand and gravel

ANTRIM

60th - \$475,424: Shale for cement mfg., Sand and Gravel

Antrim Co. Road Comm.	NW NE 23 29N 8W	Sand and gravel
	NE NE 2 29N 6W	
	SE SE 14 29N 7W	
	NE SW 14 30N 8W	
Penn-Dixie Portland Cement Co.	SE 23 32N 8W	Shale
Medusa Portland Cement Co.	NW SW 24 32N 8W	"
Mich. State Hwy. Dept.	(contractor)	Sand and gravel

ARENAC

43rd - \$1,007,078: Petroleum, Stone, Sand and Gravel

Arenac Co. Road Comm.	NE NW 25 20N 7E	Limestone, crushed
	NW SE 30 20N 3E	Sand and gravel
Bay Co. Road Comm.	SE SE 34 20N 5E	Limestone, crushed
Eastman Gravel pit	SW NW 36 19N 5E	Sand and gravel
Iosco Co. Road Comm.	SW 24 20N 7E	Limestone, crushed
VanDusen Stone Co.	NW 5 19N 7E	Limestone, crushed

BARAGA

77th - \$99,000: Sand and Gravel

Baraga Co. Road Comm.	7 49N 33W	Sand and gravel
	15 48N 33W	
	NW 23 51N 31W	

BARRY

48th - 782,991: Sand and gravel, Petroleum, Marl

Barry Co. Road Comm.	NE NW 7 3N 10W	Sand and gravel
Cole Gravel Co.	(for county)	" " "
Cole Brothers	NW SE 6 4N 10W	Marl
William Currier	Delton	Sand and gravel
Delton Excav. Co.	25 2N 7W	Marl
E. R. Hamilton	NE NW 10 1N 7W (HMS)	Sand and gravel
Nashville Gravel Co.	SE SE 15 2N 7W	
	SW SW 14 2N 7W	
Stidnam Gravel Co.	SW NW 12 3N 9W	Sand and gravel
John G. Yerington	30 4N 10W	

BAY

15th (W), Cement, Petroleum, Lime, Sand and Gravel

Aetna Portland Cement Co.	NE 14 14N 5E	Cement
Monitor Sugar Div.	Bay City	Lime
Bay Co. Road Comm.	SE NE 9 17N 3E	Sand
	NE SW 14 17N 4E	NE SE 35 15N 3E
	NW NW 5 16N 4E	NE SW 30 15N 5E
	NW SW 15 16N 4E	NW SW 35 14N 4E
		SE SE 3 13N 4E

BENZIE

83rd - \$9,000: Sand and Gravel

Benzie Co. Road Comm.	SW NW 25N 16W	Sand and gravel
	SW SW 28 26N 14W	
	SE NE 7 27N 14W	
	NE NE 11 26N 15W	
	NE NE 14 26N 15W	
	SE SE 33 25N 13W	

BERRIEN

32nd - \$2,826,925: Sand and Gravel, Industrial Sand, Marl

Arrowhead Silica Corp.	SW5,NW 8 6S 19W	Sand, industrial
Crosby Marl Co.	23 8S 20W	Marl
Ireland & Lester	NW NW 24 4S 19W	Sand and gravel
Kiell Excavating	SE 15 7S 17W	" " "
Martin's Marl Pit	21 8S 20W	Marl
Manley Sand Div. Martin-Marrietta	18 6S 19W	Sand, industrial
George Miller & Sons, Inc.	St. Joseph	Sand and gravel
Ryno Gravel Co.	NE 27 3S 17W	" " "
Rieth-Riley Const. Co.	SE NE 18S 18W	" " "
Alden White Bldg. Contractor	Watervliet	" " "
John G. Yerington	NE SW 6 6S 17W	
	27 7S 18W	
	35 6S 18W	

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BRANCH

63rd - \$398,850: Sand and Gravel, Marl
 Branch Co. Road Comm. SE SE 7 8S 7W Sand and gravel
 NE 15 6S 8W
 SE 19 6S 7W
 Taylor & Son NW 15 8S 5W Marl
 SW SW 4 8S 6W
 NW NW 16 8S 5W
 Thompson Constr. Co. SE 20 6S 6W Sand and gravel
 Wallace Waterbury Gravel Co. SE NE 33 5S 6W (HMS)
 Yerington SW SW 12 6S 6W " " "

CALHOUN

19th - \$7,949,048: Petroleum, Natural Gas, Sand and Gravel, Marl
 Calhoun Co. Road Comm. 5 4S 7W SW 9 3S 7W Sand and gravel
 24 & 25 4S 7W 5 2S 4W
 34 3S 6W 32 & 33 2S 5W
 14 2S 5W SW 12 1S 6W
 27 2S 6W NE 13 4S 6W
 Case Brothers 28 4S 7W Marl
 Cole Brothers SW NW 25 4S 6W Sand and gravel
 NE 17 3S 4W
 NE NE 34 3S 6W
 SW SE 18 3S 4W Sand and gravel
 2 1S 7W
 Emil Combs Grav. & Ready Mix NE 21 4S 7W Marl
 Pickett & Schruer S 1/2 SW 7 3S 5W Sand and gravel
 Harlan Spoor 42S 7W
 Rieth-Riley Const. Co. NE NW 16 2S 7W
 23 1S 7W
 23 1S 7W
 NE NW 16 2S 7W
 SE SW 4 2S 6W
 and various
 Yerington SE SE 32 2S 5W
 NW NW 35 3S 6W

CASS

61st - \$452,024: Sand and Gravel, Marl, Petroleum
 Barnett Bros. 15 5S 16W Marl
 Cass Co. Road Comm. NW SE 19 6S 16W Sand and gravel
 SW NW 24 6S 15W
 NE SE 16 6S 15W
 Nieb Concrete Prod. SW NW 15 7S 16W
 Pipher's Marl Svc. NE 9 8S 13W Marl
 Poehlman & Sons 13 7S 16W
 Rieth-Riley Const. Co. NW SW 1 8S 16W Sand and gravel
 John G. Yerington NW SE 10 5S 16W
 Whit Pond Gravel Co. NW NW 23 6S 15W
 Indiana Hwys. Materials, Inc. NW SW 1 8S 16W
 Sur - S & G., Inc. SE SE 35 5S 16W

CHARLEVOIX

14th (W), Cement, Stone for cement mfg., Sand and Gravel
 Norman Bartlett NE SW 30 32N 6W Sand and gravel
 Charlevoix Co. Road Comm. SE SE 12 32N 9W NE SW 30 32N 6W
 NW NW 22 32N 4W
 Lilac & Moore SE NE 12 34N 7W
 Medusa, Portland Cement Co. NW NW 4 33N 5W
 SW 28 34N 8W Cement, sand and gravel

CHEBOYGAN

74th - \$124,552: Stone, Sand and Gravel
 Afton Stone & Lime N 1/2 SE 6 34N 1E Limestone, crushed
 SE 25 35N 2W
 Charlevoix Lime & Stone Co. SE 25 35N 2W
 Dean & Son S 1/2 NW 33 37N 2W Sand and gravel
 Hugh H. Mason & Sons NE NW 21 33N 2W
 Mich. State Hwy. Dept. (contractor)
 Onaway Stone Co. NW NW 6 34N 1E Dimensional Limestone

CHIPPEWA

25th, (W), Stone, Sand and Gravel
 Bethlehem Mines Corp. E 1/2 SW 36 42N 4E Dolomite, crushed
 Chippewa Co. Road Comm. NW NW 24 47N 1W
 SE NE 15 45N 2W
 Anthony J. Montano NW NW 24 47N 1W Sand and gravel
 C. G. Sanderson NW NW 24 47N 1W
 I. L. Whitehead Co. NE NE 23 47N 1W Sand and gravel
 SW NE 1 43N 2E

CLARE

34th - \$1,885,172: Petroleum, Sand and Gravel, Natural Gas, Natural Gas Liquids
 Clare Co. Road Comm. Various Sand and gravel
 Hubscher & Son, Inc. NW NE 26 17N 4W

CLINTON

50th - \$710,130: Sand and Gravel, Shale (for clay products)
 Boichot Concrete Prod. NW NW 27 5N 2W (HMS) Sand and gravel
 NE SW 3 5N 2W
 Central Mich S & G. Co. 11 7N 1W
 Clinton Co. Road Comm. Various
 Leo M. Fedewa, St. Johns
 Grand Ledge Clay Prod. SE 34 5N 4W Shale (for tile mfg.)
 Harmon Sand & Gravel NE NW 33 5N 4W Sand and gravel

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CLINTON (con't.)

Pryor Bros. Gravel Co.	SE SE 29 5N 4W NW SW 17 5N 3W NE NW 33 5N 4W	Sand and gravel
Tod Gravel Co., Ovid Walling Gravel Co.	SE NW 34 8N 2W	Sand and gravel

CRAWFORD

35th - \$1,538,092: Petroleum, Natural Gas, Sand and Gravel, Natural Gas Liquids

Crawford Co. Road Comm.	NW SW 27 25N 2W NW SE 27 28N 3W SE 26 28N 3W SE 32 27N 2W NE NE 24 27N 2W SW SW 27 26N 3W SW 4 36N 4W	Sand and gravel Clay Sand and gravel " " " " " "
Jack Millikin Mich. State Hwy. Dept.	(contractor)	" " "

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DELTA

72nd - \$205,313: Sand and Gravel, Stone

Bichler Gravel Co.	NE 12 39N 23W E $\frac{1}{2}$ NE 14 40N 23W SW 1 39N 23W	Sand and gravel " " " Limestone, crushed
Delta Co. Road Comm.	SE SW 11 29N 21W NE NE 5 38N 24W SW NE 12 29N 23W NW NW 30 38N 19W NW SE 17 40N 21W SW SW 19 38N 24W NE NE 14 40N 23W NE NW 8 40N 23W 15 40N 22W	Sand and gravel " " " " " " " " "
Gunnar F. Holmberg Marvic & Sons Mich. State Hwy Dept.	Bark River (contractor)	" " " " " "

DICKINSON

7th - \$27,194,181: Iron Ore, Sand and Gravel, Stone

Aggregate Specialties, Inc.	NW NW 26 42N 30W SE SW & SW SE 30 42N 29W	Feldspar Amphibolite
Gaspian Const. Co.	NE NE 19 40N 30W NW SW 5 40N 30W	Sand and gravel
Champion, Inc.	NE NE 19 40N 30W	" " "
Dickinson Co. Road Comm.	various & contractor	" " "
Felch Quarry Corp.	SE SW 26 42N 28W	Basalt, crushed
Groveland Mine (M. A. Hanna Co.)	Open pit 31 42N 29W	Dolomite, crushed
Miller Products & Supply Co.	NW SW 7 40N 30W	Iron Ore Fill sand

EATON

46th - \$885,498: Stone, Sand and Gravel, Shale (for clay products), Peat

Briggs Ready-Mix and Gravel	SE 13 2N 5W (HMS)	Sand and gravel
Cheney Limestone Co.	NE 29 1N 6W	Limestone, crushed
Crandell Trucking Co.	NW 9 2N 4W	" " "
Grand Ledge Clay Products	SE 3 4N 6W	Shale (for tile mfg.)
Hilu Peat Co.	Charlotte	Peat (humus)
Pickett & Schaeur	SE SW 3 1N 4W	" " "
Pryor Brothers	NE NE 1 4N 5W	Sand and gravel
Rieth-Riley Constr. Co.	E $\frac{1}{2}$ SW 9 3N 3W NW SE 8 2N 4W E $\frac{1}{2}$ SW 4 2N 4W	" " " " " " " " "
Spartan Aggregates, Inc.	NW NW 3 2N 4W SE SE 15 3N 4W	" " " " " "
Vermontville Gravel Co.	NE NE 29 1N 6W	" " "
Whittum's Gravel Co.	SE NE 5 1N 3W	" " "

EMMET

18th - \$8,275,334: Cement, Stone, Sand and Gravel

Emmet Co. Road Comm.	SW NW 20 36N 4W NW NW 27 38N 4W NW SE 7 35N 4W SE SW 34 38N 4W NW NE 25 35N 5W NE NW 17 27N 5W SE NW 14 28N 5W SE 34 35N 4W	Sand and gravel
Mich. State Hwy. Dept.	(contractor)	" " "
Northern Concrete Products Co.	2 34N 6W	Sand and gravel for ready-mix Cement
Penn-Dixie Cement Corp.	2 34N 6W 3 34N 6W	Limestone, sand and gravel (for cement)

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GENESEE

54th - \$645,179: Sand and Gravel, Petroleum

Cliffs Gravel Co.	SW SW 19 8N 6E	Sand and gravel
Ferguson Excavating Co.	N $\frac{1}{2}$ 18 & S $\frac{1}{2}$ 7 8N 8E	" " "
Genesee Gravel Co.	SW SE 7 8N 8E SE NE 6 7N 6E NW SW 10 6N 5E	" " " " " " " " "
Holloway Sand & Gravel Co., Inc.	SE NW 20 7N 8E SE SW 1 8N 7E	" " "
Kurtz Gravel Co.	(contractor)	" " "
Mich. State Hwy. Dept.	W $\frac{1}{2}$ 23 8N 5E	Sand and gravel
Neumann Sand & Gravel	N $\frac{1}{2}$ 15 9N 8E	" " "
Otisville Stone Co.	SE NE 28 9N 8E	" " "
Saginaw Core Sand Co.	SE 16 9N 5E	" " "
Snellenberger Gravel Co.		" " "

GLADWIN

46th - \$1,014,568: Petroleum, Sand and Gravel

Jess Stanley Gravel	SE SE 13 20N 2W	Sand and gravel
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GOGEBIC

76th - \$101,000: Sand and gravel
 Caspian Constr. Co. SW NE 34 45N 39W Sand and gravel
 NE SW 4 46N 42W
 Globe Ready-Mix NW NE 10 47N 47W
 Gogebic Co. Road Comm. SE NE 4 48N 48W SE SE 15 48N 47W
 SE NE 23 48N 47W SW NW 33 48N 47W
 SE NE 33 48N 47W SE SW 8 48N 46W
 SW SW 31 48N 46W SE SE 32 48N 46W
 NE NE 9 47N 47W NE NW 24 47N 46W
 NW NW 32 47N 46W N $\frac{1}{2}$ SE 31 48N 45W
 SW NE 28 47N 45W SW SW 4 46N 42W
 SE NW 5 45N 46W NE SE 3 47N 42W
 NE SW 11 47N 42W SE NW 14 47N 42W
 NE NE 26 45N 41W SW NW 23 44N 41W
 SW NE 34 45N 39W NE SW 30 45N 38W
 City of Ironwood NE NE 3 46N 47W " " "

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GRAND TRAVERSE

73rd - \$189,000: Sand and Gravel
 Lamar Gravel Co. 25 26N 11W Sand and gravel
 I. W. Schworm & Son, Inc. Traverse City " " "

GRATIOT

20th, (W), Bromine (3rd), Magnesium Compounds (4th), Salt (5th), Ca-Chloride & Ca-Mg-Chloride (4th), Sand and Gravel, Sulfur, Petroleum, Natural Gas
 Gratiot Co. Road Comm. NE NE 3 12N 4W NE SW 29 12N 3W Sand and gravel
 SE NW 17 11N 1W NW SE 10 11N 1W
 NE SW 33 11N 4W SW NW 22 12N 4W
 NE NW 10 11N 4W SE SE 13 12N 3W
 NW NW 29 12N 3W SE NW 24 12N 2W
 SE SW 23 12N 2W SW NE 23 12N 2W
 NE NW 21 12N 1W NW SE 31 12N 1W
 NE SE 31 12N 1W SW SE 2 9N 1W
 Hubscher & Son NE NE 4 10N 4W " " "
 Leonard Refineries Alma Sulfur
 Michigan Chemical Corp. St. Louis Bromine, calcium-Magnesium Chloride, Magnesium Compounds, Salt
 P. & B. Gravel Co. NW SE 9 10N 1W Sand and gravel
 SW NW 16 10N 1W
 Roslund Gravel Co. NW NE 36 12N 3W " " "

HILLSDALE

12th - \$12,575,618: Petroleum, Natural Gas Liquids, Natural Gas, Sand and Gravel, Marl
 Bunday Hill Gravel Co. NE 7 & NW 8 5S 1W (HMS) Sand and gravel
 Cole Bros. 35 7S 3W
 H. Eckley Waldron " " "
 John Hess 14 5S 3W Marl

HILLSDALE (con't.)

Hoover Brothers NE SE 23 8S 2W Sand and gravel
 Jackson Sand & Gravel Reading " " "
 Northwest Materials, Inc. Thompson pit " " "
 Quality Aggregate Co. SW SW 3 7S 2W

HOUGHTON

71st - \$209,887: Sand and Gravel, Stone, Copper (no production in 1969)
 Calumet & Hecla, Inc.:
 Centennial 3 & 6 Mine SE 12 56N 33W Native copper
 Osceola 13 Mine 23 56N 33W " "
 George Hocking Constr. Co. South Range Sand and gravel
 Houghton Co. Road Comm. SE NE 30 56N 33W " " "
 SE SE 4 56N 32W
 SE SE 35 55N 34W Crushed basalt
 Limestone Mountain Co. NW SW 24 51N 35W Dolomite, crushed
 Mich. State Hwy. Dept. (contractor) Sand and gravel
 Superior Sand and Gravel NE SW 27 55N 34W " " "

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HURON

44th - \$970,466: Stone, Sand and Gravel, Lime, Petroleum
 Brade Ready Mix
 Huron Co. Road Comm. SE SE 17 16N 13E Sand and gravel
 Michigan State Hwy. Dept. (contractor) " " "
 Michigan Sugar Co. Sebewaing Lime (for sugar Mfg.)
 Edward Murawski Rapson Pit Sand and gravel
 Vollmer Sand & Gravel NE SE 20 15N 11E " " "
 Wagner Ready-Mix E $\frac{1}{2}$ E $\frac{1}{2}$ SW 27 16N 15E " " "
 SW SW 22 16N 15E
 SE 29 16N 13E
 Wallace Stone Co. SW NE 5 16N 10E Limestone, crushed, and dimensional

INGHAM

37th - \$1,237,000: Sand and Gravel (12th, 2%), Lime (not marketed), Peat
 Barr Sand & Gravel, Inc. SE SW 25 2N 1W Sand and gravel
 Board of Water & Light Lansing Lime, regenerated
 Cheney Gravel Co. NE NE 23 3N 2W Sand and gravel
 Fiser Supply Co. SW SE 34 4N 2W " " "
 Pollack Capitol Asphalt Bleakmore, Regis & Slusser Pits
 Scarlett Gravel Co. NE NW 25 3N 2W Sand and gravel
 Sky-Way Sand & Gravel NE NE 23 3N 2E (HMS) " " "
 Spartan Aggregates NE NE 15 3N 1E " " "
 Standard Ready-Mix
 Ronald Weaver Gravel Co. NE SE 24 2N 2W Sand and gravel
 SE SW 24 2N 2W
 NE NE 34 3N 1E
 SE NW 23 2N 1E
 NE SE 10 3N 1E
 Wicker's, Inc. Lansing Peat (moss)

IONIA

59th - \$483,000: Sand and Gravel

Cole Bros.	SW NW 19 8N 5W	Sand and gravel
	NE SE 21 7N 6W	
Ionia Co. Road Comm.	NW NE 33 7N 7W SE SE 8 6N 5W	" " "
	SE NE 24 5N 7W SE SW 18 5N 5W	
	SW SE 21 7N 6W NW SW 28 6N 5W	
	NE SW 15 7N 5W	
Harold L. Martin	Westphalia	" " "
Pickett & Schreuer, Inc.	25 7N 6W	" " "
Williams Bros.	N½ SE 32 7N 7W	

IOSCO

21st - \$5,010,502: Gypsum, Sand and Gravel

36 R. E. Glancy, Inc.	SE SW 10 24N 5E	Sand and gravel
Michigan Gypsum Co.	SW 25 21N 5E NW NW 31 21N 6E	Gypsum
National Gypsum Co.	26 35 22N 6E	"
U. S. Gypsum Co.	22 27 21N 7E	"

IRON

16th - \$9,598,547: Iron Ore, Sand and Gravel

Caspian Constr. Co.	NW NE 31 43N 35W S½ SW 22 43N 35W	Sand and gravel
Inland Steel Co.:		
Sherwood Mine	23 43N 35W	Iron Ore
Iron Co. Road Comm.	22 43N 34W	Sand and gravel
	NE NE 18 43N 32W	
	NE NW 14 42N 35W	
	NW SW 29 42N 32W	
	SE SW 25 44N 34W	
McMahon Bros.	Iron River	

ISABELLA

42nd - \$1,138,993: Petroleum, Sand and Gravel, Natural Gas

Cousineau Gravel, Inc.	2 pits	Sand and gravel
Fisher Sand & Gravel Co.	NW 12 14N 3W	" " "
Hubscher & Son	20 14N 5W	" " "
Isabella Co. Road Comm.	SW NW 25 14N 6W SE NE 19 16N 6W	" " "
	SW SW 27 14N 6W, SW SE 6 16N 3W	
	SE SW 14 14N 5W NE SE 28 15N 6W	
	NE NE 25 14N 5W NW SE 19 15N 5W	
	SE SE 21 13N 6W SW NE 5 15N 3W	
	SE NE 26 13N 6W SW NE 14 14N 6W	
James R. McGuirk & Sons	NE SW 8 13N 3W	" " "
	Mt. Pleasant	

JACKSON

23rd - \$4,826,877: Petroleum, Natural Gas, Sand and Gravel, Stone, Marl

Barnes Brothers	Concord (John Pung pit), Marl	
	Horton (DeMack pit)	
Jeffrey Limestone Co.	SE 30 2S 2W	Limestone, crushed
Klumpp Bros. Gravel Co.	SE SE 1 2S 2E	Sand and gravel
Mich. State Hwy. Dept.	(contractor)	" " "
Palmer Sand & Gravel	SW NW 8 3S 1E	" " "
Pickett & Schreuer, Inc.	34 3S 3W	" " "
	24 3S 3W	
Ray's Stone Quarry	NE NW 6 4S 2E	Sandstone
Willson Bros., Inc.	Rives Junction	Sand and gravel

KALAMAZOO

38th - \$1,200,440: Sand and Gravel, Marl, Peat

American Aggregates Corp.	SW 15 1S 11W	Sand and gravel
Cole Bros.	NW NE 7 2S 9W	" " "
	NW SE 28 2S 10W	" " "
Consumers Sand and Gravel	SE NE 13 2S 11W	" " "
Craven's Peat Farm	SW SW 3 3S 10W	Peat (reed-sedge)
Green, Samuel	31 3S 12W	
Hayward Dry Marl	8 4S 10W	Marl
Kalamazoo Co. Road Comm.	NE NW 22 1S 11W	Sand and gravel
Peters Constr. Co.	SW NE 8 2S 11W	" " "
	NW SE 5 4S 12W	
	30 4S 10W	Marl
Fred Rumz	NE NE 22 1S 9W	Sand and gravel
Stony Lake Sand & Gravel	NW NW 30	Fill sand
Alfred Thomas	SW SW 19 4S 10W	

KALKASKA

64th - \$296,892: Petroleum, Sand and Gravel

Kalkaska Co. Road Comm.	SW NE 33 28N 8W SE SE 26 25N 8W	Sand and gravel
	NE SE 10 28N 7W SE NE 14 27N 8W	

KENT

22nd - \$4,916,467: Sand and Gravel, Gypsum, Petroleum, Natural Gas, Peat

Bestwall Gypsum Div., (Georgia-Pacific Corp.)	SW 34 7N 12W	Gypsum
J. V. Burkett	SW NE 26 8N 10W	Sand and gravel
Emerson Chaney	S½ N½ SE 11 7N 11W	Peat (moss)
Coit Ave. Gravel Co.	29 8N 11W	Sand and gravel
Contractor's Gravel Co.	Sparta	" " "
Ed DeVries & Sons	NE 22 7N 12W	" " "
Diekman's Peat Moss	Byron Center	Peat (moss)
Grand Rapids Gypsum Co.	34 7N 12W	Gypsum
Grand Rapids Gravel Co.	E½ NW & SW NE 16 6N 12W	Sand and gravel
	N½ NE 5 6N 12W	
	SW SW 33 7N 12W	
	SE SE 32 7N 12W	
	SE SW 8 6N 12W SW SE 23 8N 11W	

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KENT (con't.)

Katerberg Landscape Service
Kent Co. Road Comm.

Grand Rapids
SW SE 36 5N 9W NW SE 32 5N 11W
NE SE 20 6N 9W NE NE 17 6N 9W
SW NE 5 6N 12W NE NE 32 7N 11W
NW SW 26 7N 11W NW 8 7N 12W
NE NW 13 8N 11W SW NE 23 10N 11W
NE SE 13 10N 12W SE SW 11 10N 12W

Peat (humus)
Sand and gravel

Paul C. Miller
Northeast Gravel & Excavating
Petersen Gravel & Excavating
Pickitt & Schrerer, Inc.

NW 15 10N 12W
27 9N 12W
NE SW 24 8N 11W
SW SW 12 8N 11W
NE NE 25 9N 11W SW SE 23 8N 11W
SE NE 35 9N 11W W $\frac{1}{2}$ NE 32 8N 11W
19 7N 9W NE NE 10 6N 9W

" " "
" " "
" " "
" " "

Rieth-Riley Constr. Co.
Riverside Sand and Gravel
Rocks, Sand & Gravel Co.
Twin Lakes Nursery

NW 21 7N 10W NW SW 21 7N 10W
SE SE 33 7N 12W
4 & 9 1N 12W
NE NW 26 7N 11W

" " "
" " "
" " "

38 Velting Contractors, Inc.

Grand Rapids

Peat (reed-sedge)
& moss
Sand and gravel

KEWEENAW

81st - \$27,000: Sand and Gravel, Copper (no production in 1969)

Calumet & Hecla, Inc.:
Allouez 3 Mine
Keweenaw Co. Road Comm.

32 57N 32W
SE SE 7 57N 32W NW NW 8 58N 30W
SE SE 5 57N 32W SW SW 8 57N 32W

Copper
Sand and gravel
" " "

LAKE

56th - \$628,124: Petroleum, Sand and Gravel

Lake Co. Road Comm.

SE NE 23 18N 13W NE SW 21 19N 14W
SE NE 29 17N 12W SE NW 12 19N 12W

Sand and gravel

LAPEER

57th - \$532,527: Petroleum, Sand and Gravel, Ca-Ma Chloride, Natural Gas

Anderson Peat Co.
Corey & Hartwig
Lapeer Co. Road Comm.

NE SE 23 7N 12E
SW 20 7N 10E
NW SW 21 7N 11E SE NE 18 9N 11E
NW 27 9N 12E

Peat
Sand and gravel
" " "

Molesworth Contr. Co.
St. Clair Co. Road Comm.
Solliere Peat & Sod Co.
Wilkinson Chemical Co.

NE NE 1 9N 10E
SE SE 21 7N 11E
SE SE 27 9N 12E NW NW 5 6N 11E
SW SW 25 7N 12E
SW SW 20 8N 10E

Ca-Mg, Chloride
Sand and gravel
" " "
Peat (reed-sedge)
Ca-Mg Chloride

LEELANAU

67th - \$274,000: Sand and Gravel

Leelanau Co. Road Comm.
Peninsula Asphalt & Constr. Co.

SW SW 22 28N 13W
NE NW 16 28N 13W

Sand and gravel
" " "
Limestone, crushed

LENAWEE

52nd - \$668,511: Sand and Gravel, Clay (for clay products), Natural Gas,
Petroleum

Adrian Sand & Gravel
(Tecumseh Materials, Div.)
Brady Sand & Gravel
Comfort Brick & Tile Company
Stamm Brothers Gravel Co.
Standard Gravel Co.
Tecumseh Gravel Co.
John G. Yerington

SE 16 7S 3E
NE SE 4 6S 4E
SE 32 5S 4E
SW 2 6S 5E
SW NE 19 7S 3E
NW 5 5S 4E
SW NE 4 6S 4E
30 7S 3E
13 7S 2E

Sand and gravel
" " "
" " "
Clay (for clay products)
Sand and gravel
" " "
" " "
" " "

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LIVINGSTON

26th - \$3,738,264: Sand and Gravel, Petroleum

Albert Gravel Co.
American Aggregates Corp.

NW SE 6 3N 3E
NE NE 11 1N 6E (HMS)
NE 24 2N 6E (HMS)
33 & 34 1N 5E
SE SW 32 3N 4E
SW NE 2 1N 3E
SW NE 30 1N 6E
SW NE 31 4N 6E
NW NW 26 2N 4E

Sand and gravel
" " "
" " "
" " "
" " "
" " "

Bennett Excavating & Gravel Co.
D. & J. Gravel Co.
Fenton Gravel Co.
Livingston Co. Road Comm.

SW SW 11 4N 5E NW SW 14 4N 6E
NW NW 36 4N 5E SE SW 13 3N 4E
NE SW 33 3N 5E NE SW 24 3N 6E
SW SE 23 2N 5E NW SE 32 2N 5E
SE NE 21 2N 4E NW NW 5 2N 3E
NW SW 19 2N 3E NE NE 20 1N 3E
SW SW 14 1N 4E SE NE 12 1N 4E

Morgan Sand & Gravel
Natural Aggregates Corp.
Spartan Aggregates, Inc.

NW SW 21 2N 6E
SE SE 23 2N 6E
7 3N 3E

Sand and gravel
" " "
" " "

LUCE

78th - \$92,000: Sand and Gravel

Gene Brow Constr.
Luce Co. Road Comm.
I. L. Whitehead Co.

Newberry
SE NE 14 45N 10W
NW NE 14 45N 10W
SW SE 11 45N 10W

Sand and gravel
" " "

MACKINAC

17th - \$9,352,813: Stone, Sand and Gravel

Table with columns for company name, location (e.g., 4-9 42N 12W), and material type (e.g., Limestone, crushed; Sand and gravel).

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MACOMB

24th - \$4,662,632: Sand and Gravel, Natural Gas, Petroleum

Table with columns for company name, location (e.g., NE NW 8 4N 12E), and material type (e.g., Sand and gravel).

MANISTEE

9th - \$25,790,193: Salt, Mg-Compounds, Bromine, Sand and Gravel, Ca-CaMg-Chloride

Table with columns for company name, location (e.g., NE SE 7 23N 14W), and material type (e.g., Sand and gravel; Salt, evaporated).

MARQUETTE

1st - \$140,685,607: Iron Ore, Sand and Gravel, Iron oxide pigments

Table with columns for company name, location (e.g., SW SW 5 47N 26W), and material type (e.g., Sand and gravel; Iron Ore).

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MASON

6th, (W), Magnesium Compounds, Ca & CaMg Chlorides, Lime, Bromine, Sand and Gravel, Petroleum

Table with columns for company name, location (e.g., Bass Lake & Ruby Creek pits), and material type (e.g., Sand and gravel; Bromine, calcium-chloride).

MECOSTA

45th - \$929,502: Petroleum, Sand and Gravel, Natural Gas, Peat

Table with columns for company name, location (e.g., NW NE 27 16N 10E), and material type (e.g., Sand and gravel; Peat).

MENOMINEE

49th - \$768,848: Sand and Gravel, Lime
 B. & K. Sand and Gravel 26 34N 27W Sand and gravel
 Limestone Products Div.,
 The C. Reiss Coal Co. Menominee Lime
 Menominee Co. Road Comm. SE NE 33 35N 26W Sand and gravel
 NE NE 9 39N 25W SE SE 4 39N 25W " " "
 Menominee
 Wurth Concrete & Aggregates

MIDLAND

4th, (W): Bromine, Salt, Mg Compounds, Ca & CaMg Chlorides,
 Iodine, Petroleum, Sand and Gravel, Potash
 The Dow Chemical Co. Midland Bromine, magnesium
 compounds, calcium
 (42) Fisher Sand & Gravel Co. NE NW 19 14N 2E Sand and gravel
 (depleted) (See Isabella Co.)
 Kaiser Aluminum & Chemical Co. Midland Magnesium compounds
 Midland Co. Road Comm. Sand and gravel

MISSAUKEE

32nd, \$1,996,234: Petroleum, Natural Gas, Sand and Gravel
 Michigan State Hwy. Dept. (contractor)
 Missaukee Co. Road Comm. (contractor) Sand and gravel
 Pickitt & Schrerer, Inc. SE NE 5 21N 5W " " "

MONROE

11th, (W): Cement, Stone, Clay, Petroleum, Peat
 Appleman Peat Co. E½ SW 17 7S 7E Peat (Humus, reed-
 sedge)
 Detroit Edison Co. 20 6S 10E Dolomite, crushed
 Dundee Cement Co. NE NE 1 6S 6E Cement
 NE 1 6S 6E Limestone & clay
 NW 6 6S 7E " " "
 France Stone Co. 7 7S 9E Dolomite, crushed
 Monroe Quarry 13 6S 7E
 Ida Quarry
 Norman E. Link Petersburg Peat (humus)
 Michigan Stone Co. 29 5S 8E Dolomite, crushed
 Maybee Quarry SW 25 8S 6E
 Ottawa Lake Quarry SE 16 5S 10E Clay, pottery
 F. W. Ritter & Sons, Co.

MONTCALM

55th - \$638,533: Petroleum, Sand and Gravel, Natural Gas
 Dyer Co. NE NW 35 9N 8W SW SE 29 12N 7W Sand and gravel
 NW SW 4 11N 10W SE SE 8 12N 5W
 NE 7 11N 5W NE 13 10N 6W
 NW 1 10N 6W
 Montcalm Co. Road Comm. NE 36 10N 6W NW 26 9N 5W Sand and gravel
 Wheeler Transit-Mix Concrete E½ 34 9N 8W " " "
 Co.

MONTMORENCY

80th - \$31,000: Sand and Gravel
 Chester James, Jr. Hillman Sand and gravel
 Montmorency Co. Road Comm. Various " " "

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MUSKEGON

31st - \$2,267,845: Salt, Sand and Gravel, Petroleum
 Hooker Chemical Co. 30 12N 17W Salt-Brine for chemical
 rufg.
 Paul C. Miller SE SE 32 10N 13W Sand and gravel
 McCormick Sand Corp. SW 16 11N 16W Sand, industrial
 Nugent Sand Co. NE 3 9N 17W " "
 Whitehall Gravel Co. W½ NE 27 12N 17W Sand and gravel
 John G. Yerington 31 & 32 10N 13W " " "

NEWAYGO

62nd - \$443,629: Sand and Gravel, Petroleum
 J. V. Burkett NE 4 13N 12W Sand and gravel
 Cousineau Gravel, Inc. NW SW 16 11N 11W " " "
 SE 4 13N 12W (2 pits)
 NE SE 16 11N 13W
 NW 16 16N 12W
 Howard Eichenberg Contr. SE NW 32 14N 13W " " "
 K - V Gravel Co. NE NW 21 12N 12W " " "
 Paul C. Miller NE NE 34 12N 13W " " "
 John G. Yerington SW NE 34 12N 13W " " "
 NE NW 26 15N 11W

OAKLAND

13th - \$11,944,579: Sand and Gravel, Petroleum, Peat
 American Aggregates Corp. NE NW 22 5N 10E (HMS) Sand and gravel
 American Stone Products SE 22 4N 9E " " "
 Richard Beagle Sand & Gravel Gladstone pit
 Dan's Peat Farm SE SW 12 1N 8E Peat (moss)
 Fletcher & Richard New Hudson Peat (humus)

OAKLAND (con't.)

Holloway Sand & Gravel Co., Inc.	Hass & Warren pits	Sand and gravel
Holly Sand & Gravel D. O.	NE SE 32 5N 8E (HMS)	" " "
Jennings, Inc.	S½ 19 5N 8E NE 30 5N 8E	" " "
John R. Sand and Gravel Co.	SE 4 4N 10E	" " "
Kemler Brothers	SW SW 36 5N 11E	" " "
Koenig Coal & Supply Co.	NW 1 3N 8E	" " "
	SW SE 24 5N 10E (HMS)	" " "
Lyon Sand & Gravel Div.	NW NE 13 1N 7E (HMS)	" " "
Marby & Melton	SE SW 30 3N 11E	" " "
Mickelson Corp.	NE SE 20 5N 10E (HMS)	" " "
Molesworth Contracting Co.	(various pits)	
New Hudson Sand & Gravel	NW NE 33 2N 7E	Sand and gravel
Oxford Mining Co.	E½ NW 26 4N 8E	" " "
Portable Aggregate Producers, Inc.	Troy	" " "
Salem Gravel & Contr. Co.	E½ NE 2 4N 9E	" " "
South Flint Gravel Co.	Holly	" " "
Spartan Aggregates, Inc.	Kurtz pit	" " "
Teleschak Sand & Gravel, Inc.	27 4N 9E	
Thorp & Kosiba Sand & Gravel	Pontiac	
Underwood Sand & Gravel	SW 2 3N 10E	Sand and gravel
	SE 11 3N 8E	
Charles Van Every	Novi	
Weber's Sand & Gravel	28 4N 11E	

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OCEANA

58th - \$507,019: Sand and Gravel, Petroleum

Beckman Brothers	SW NW 19 15N 16W SW SW 36 15N 17W	Sand and gravel
	SW NE 12 14N 17W NE NW 18 14N 16W	
	NE SW 24 14N 17W	
Paul C. Miller	SE SE 4 13N 15W	" " "
Oceana Co. Road Comm.	NE NE 32 15N 18W NE SW 26 14N 15W	" " "
	SW NW 4 13N 15W SE SE 8 13N 18W	
	SW NE 15N 16W	
Syers Gravel Co.	NW SW 3 13N 15W	" " "
Towns Trucking Co.	NE SW 34 16N 16W	

OGEMAW

36th - \$1,527,425: Petroleum, Natural Gas, Sand and Gravel

Gil Brown Constructors, Inc.	NE SE 6 22N 2E	Sand and gravel
Holloway Sand and Gravel Co., Inc.	NW NE 12 21N 1E	" " "
Mich. State Hwy. Dept.	(contractor)	" " "
Ogemaw Co. Road Comm.	NW NW 2 23N 2E	" " "
	SW 5 22N 2E	
George Peters Sand & Gravel	SW SW 26 24N 3E	" " "
West Branch Concrete Products	NE SE 6 21N 2E	" " "

ONTONAGON

2nd - \$72,700,096: Copper (1st), Silver, Sand and Gravel

Fox Valley Constr. Co.	NE SW 9 51N 37W	Sand and gravel
Michigan State Hwy. Dept.	(contractor)	" " "

ONTONAGON (Con't.)

Ontonagon Co. Road Comm.	SE 7 49N 42W	Sand and gravel
White Pine Copper Co.:		
White Pine Mine	4, 5, 9 50N 42W	Copper & silver

OSCEOLA

29th - \$3,028,260: Petroleum, Natural Gas Liquids, Sand and Gravel, Natural Gas

J. P. Burroughs & Son, Inc.:		
Hersey Sand & Gravel Div.	NW SW 20 17N 9W (HMS)	Sand and gravel
Cousineau Gravel, Inc.	Osceola pit, Evart	" " "
	NW NW 11 17N 9W	
	Post pit	

OSCODA

82nd - \$19,922: Sand and Gravel, Petroleum

Oscoda Co. Road Comm.	SE SW 15 27N 1E	Sand and gravel
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OTSEGO

69th - \$254,692: Sand and Gravel, Natural Gas, Petroleum

Holloway Sand & Gravel Co., Inc.	SE 15 29N 4W	Sand and gravel
Hugh Mason & Sons	NE SW 11 30N 3W	" " "
Otsego Co. Road Comm.	NW NE 29 31N 3W	" " "
	NW NW 3 31N 3W	" " "
	15 29N 4W	
	17 29N 3W	

OTTAWA

27th - \$3,174,847: Sand and Gravel, Petroleum, Natural Gas

Brewers City Coal Dock	Holland	Sand and gravel
Construction Aggregates Corp.	SW NE 17 8N 16W (HMS)	" " "
	NW SE 7 7N 14W SE SW 16 8N 15W	" " "
DeWent Gravel Co.	SW SW 22 6N 13W	" " "
Grand Valley Gravel Co.	NE NE 32 7N 13W	" " "
Huizenga Gravel Co.	W½ NE 3 6N 13W	" " "
Paul C. Miller Co.	NW NW 4 9N 13W	" " "
Muskegon Gravel & Ready Mix Co.	NW NE 5 9N 13W	" " "
Ottawa Co. Road Comm.	NW NE 16 7N 14W SW SE 7 7N 14W	" " "
	NE NE 32 7N 13W NW SW 2 6N 13W	
	SW NE 15 5N 13W NE NW 29 5N 14W	
Pickett & Schreur, Inc.	5 5N 13W	" " "
Rieth-Riley Constr. Co.	SE NW 4 6N 13W	" " "
Riverview Gravel Co.	E½ 2 6N 13W	" " "
Standard Sand Co.	NW 4 7N 16W	Sand, Industrial
West Shore Constr. Co.	E½ SW 2 6N 13W	Sand and gravel
	SW SW 2 6N 13W	

PRESQUE ISLE

10th, (W), Stone, Sand and Gravel, Petroleum
 Michigan Limestone Operation,
 U. S. Steel SE NE 23 35N 5E Limestone, crushed
 Onaway Stone Co. 5 34N 2E Limestone, dimensional
 Presque Isle Co. Road Comm. NE NE 19 33N 5E SW SE 18 35N 2E Sand and gravel
 Presque Isle Corp. NW 2 33N 8E Limestone, crushed
 Straits Aggregate & Equip. Corp. NE NW 19 34N 4E Sand and gravel

ROSCOMMON

47th - \$845,252: Petroleum, Sand and Gravel, Natural Gas, Natural Gas Liquids
 Halliday Sand & Gravel, Inc. NW SW 3 23N 3W Sand and gravel
 Roscommon County Road Comm. SE SE 30 24N 3W Sand and gravel
 Jess Stanley Gravel Co. NW NE 25 24N 4W NE NW 32 23N 4W Sand and gravel
 Steel Brothers SW NW 4 22N 4W NW NW 14 22N 4W
 W½ NE 24 22N 4W & Michelson pit " " "
 1 24N 3W " " "

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SAGINAW

52nd - \$635,744: Sand and Gravel, Clay (for cement mfg.), Lime, Petroleum
 Aetna Portland Cement Co. SW 35 12N 3E Clay (for cement mfg.)
 Michigan State Hwy. Dept. (contractor)
 Michigan Sugar Co. Carrollton Lime (for sugar mfg.)
 Saginaw Co. Road Comm. Various Sand and gravel
 Sargent Sand Co. Hemlock Industrial sand

ST. CLAIR

8th - \$22,490,684: Salt (3rd), Natural Gas (1st, 27%), Cement (7th), Natural Gas Liquids (1st, 31%), Petroleum (4th, 5%), Clay, Sand and Gravel, Peat
 Diamond Crystal Salt Co. 31 5N 17E Salt, evaporated
 Michigan Peat, Inc. Capac Peat (reed-sedge)
 Molesworth Contracting NW NW 5 8N 16E Sand and gravel
 SE NW 14 7N 15E
 Morton Salt Co. SE 29 6N 17E Salt, evaporated
 Peerless Cement Co. Port Huron Portland cement mfg.
 32 6N 16E Clay (for cement mfg.)
 St. Clair Co. Road Comm. 8 8N 14E Sand and gravel
 Sheldon Contr. 8 7N 15E 29 8N 16E " " "

ST. JOSEPH

62nd - \$367,875: Sand and Gravel, Marl, Peat
 Aggregate Processors, Inc. NE 7 8S 11W Sand and gravel

ST. JOSEPH (con't.)

Cole Bros. SE NE 16 5S 9W NW NE 12 5S 9W Sand and gravel
 SE 24 5S 11W NE NW 26 6S 11W
 SW SW 20 7S 10W SW NW 27 7S 10W
 NW NW 16 7S 9W SW 27 7S 9W
 SE 6 8S 9W
 Kerr's Peat Moss Three Rivers Peat (moss)
 Quality Peat Three Rivers " "
 Rieth-Riley Constr. Co., Inc. SW SE 20 7S 10W Sand and gravel
 Roberts Bros. Marl Ken Pit 6S 12W Marl

SANILAC

65th - \$280,236: Sand and Gravel, Lime, Peat
 William Albrecht, Jr. SW SE 31 12N 13E Sand and gravel
 Cook Block Co. NE NE 28 10N 15E " " "
 J. M. Huber Corp. NW 11 11N 14E Peat (moss & reed-sedge)
 Michigan Peat, Inc. Minden & Sandusky Peat (reed-sedge)
 Michigan Sugar Co. Crowell Lime (for sugar mfg.)
 Mid-Michigan Materials, Inc. SE SE 31 9N 16E Sand and gravel
 Molesworth Contracting SW SW 32 9N 16E " " "
 Sanilac Co. Road Comm. SW SW 31 12N 13E " " "
 NE SE 18 13N 13E NW NE 17 14N 12E
 NW NW 34 12N 12E NW NE 18 14N 16E
 NW NE 1 12N 13E SW SE 5 13N 14E
 SE SW 31 12N 13E NE SE 24 13N 13E
 NW SE 28 11N 12E SW SW 21 11N 14E
 SE SW 21 11N 14E NE NE 3 10N 14E

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SCHOOLCRAFT

40th - \$1,070,007: Stone, Sand and Gravel
 Geiger Constr. Co. 14 42N 16W Limestone, crushed
 Inland Lime & Stone Co. 2 41N 13W Dolomite, crushed
 Inwood Stone Products Co. 8 41N 17W Dolomite, Dimension
 Mich. State Hwy. Dept. (contractor) Sand and gravel
 Schoolcraft Co. Road Comm. SE SW 7 41N 17W " " "

SHIAWASSEE

51st - \$686,564: Sand and Gravel, Shale, Petroleum, Peat
 Aetna Portland Cement Co. NW NW 1 11N 3E Clay
 Al-Par Peat Co. Ovid Peat (reed-sedge)
 Fred Fitzgerald Gravel Co. NE SW 22 8N 2E Sand and gravel
 Fuoss Gravel Co. SE SW 4 6N 3E SE SE 17 5N 4E " " "
 SE NW 9 6N 3E " " "
 NW SE 22 6N 2E NW 25 6N 2E " " "
 Gillette Sand and Gravel SE 22 7N 3E Shale (for tile mfg.)
 Grand River Gravel Co. SW SE 16 7N 1E Sand and gravel
 Mich. Vitriified Tile Co. Laingsburg Peat (reed-sedge)
 Polhamus Gravel Co. NW NE 1 6N 4E Sand and gravel
 Scenic Lakes, Inc. SE SE 20 7N 2E " " "
 Shenk Gravel Co. NE SW 16 5N 2E " " "
 Shiawassee Co. Road Comm.
 Ronald Weaver Gravel Co.

TUSCOLA

33rd - \$1,906,931: Sand and gravel, Petroleum, Lime

Andersen Sand & Gravel	NW SW 19 11N 9E NE NE 20 11N 9E	Sand and gravel
Bernthal Sand & Gravel	SW SE 31 12N 9E	" " "
R. J. Fox Constr. Co.	Various	" " "
Great Lakes Foundry Sand Co.	SW SW 28 12N 8E	Sand, industrial
Michigan Sugar Co.	Caro	Lime (for sugar mfg.)
Peterhans Bros. S. & G.	13 12N 8E	Sand and gravel
Powell Sand & Gravel	23 13N 7E	" " "
Sargent Sand Co.	5 10N 9E SE 13 11N 8E	Industrial sand
	NW 1 11N 8E	
Tuckey Block Co.	33 14N 11E	Sand and gravel
Tuscola Co. Road Comm.	NW NW 28 SW NE 33 10N 9E	
	NW SE 22 11N 7E SW SW 19	
	NE NW 29 NE NE 2 11N 9E	
	E $\frac{1}{2}$ SW $\frac{1}{2}$ 5 11N 10E SW NE 3	
	SE SE 34 SW NW 13 12N 8E	
	N $\frac{1}{2}$ NE 7 N $\frac{1}{2}$ SW 18 12N 10E	
	SE SE 10 13N 9E NW NW 16 13N 10E	
	NE NW 12	
	SE SW 4 13N 11E W $\frac{1}{2}$ SW 22	
	33 14N 10E NE SW 34	
	NE NW 24 14N 11E SE SW 27 10N 8E	

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VAN BUREN

68th - \$272,702: Sand and Gravel, Petroleum

John Budzen Cement Products	13 3S 14E	Sand and gravel
Klett Constr. Co.	SE NW 24 3S 14W	" " "
Rieth-Riley Constr. Co.	NE SE 24 3S 15W	
Standard Sand Co.	NE 5 2S 17W	Sand, industrial
Van Buren Co. Road Comm.	Various	Sand and gravel
John G. Yerington	NE SE 24 3S 15W	" " "

WASHTENAW

28th - \$3,140,854: Natural Gas Liquids, Sand and Gravel, Petroleum

William Brink	8 4S 6E	Sand and gravel
Central Michigan Sand & Gravel Co.		
O. E. Gooding & Co.	SW NW 10 2S 5E(HMS) SW 3 2S 5E	" " "
	SE SE 9 2S 7E SW NE 19 2S 7E	
	19 3S 6E 14 3S 6E	
	12 3S 3E 27 1S 3E	
Killins Gravel Co.	25 2S 5E	" " "
Kruse Gravel Co.	32 2S 7E	" " "
Mich. State Hwy. Dept.	(contractor)	" " "
Dale Osborn, Inc.	(contractor)	" " "
Short Hills Gravel Co.	12 3S 3E	" " "
Thompson-McCully Sand & Gravel	NE SE 26 3S 7E	" " "
Washtenaw Co. Road Comm.	SE NE 21 2S 5E NW SW 3 2S 5E	" " "
	SW NE 14 1S 7E NE SE 2 4S 3E	
	NW 23 3S 4E SE NW 22 1S 3E	
	12 2S 7E	
Washtenaw Sand & Gravel	1 2S 6E	" " "

WAYNE

3rd - \$56,566,168: Cement, Lime, Salt, Sand and Gravel, Ca & Ca-Mg Chloride, Stone, Clay, Sulfur, Petroleum

A.B.C. Sand Co.	Nankin	Sand, fill
Clippert Brick & Tile Co.	NW 21 2S 11E	Clay, brick
Detroit Lime Co.	River Rouge	Lime, (limekiln only)
Hayes Washed Sand & Gravel Co., Inc.	SE NE 8 1S 8E	Sand and gravel
International Salt Co., Inc.	SW 32 2S 11E	Rock Salt
Lightweight Aggregate Corp.	NE 27 1S 9E	Clay, light weight aggregate
Manning & Locklin Gravel Co.	NW SW 2 1S 8E	Sand and gravel
Marathon Oil Co.	Detroit	Sulfur
Mich. Foundation Quarry Co.	NE NW 7 4S 11E	Limestone, crushed
Moore Bros. Sand & Gravel	E $\frac{1}{2}$ SE 9 3S 9E	Sand and gravel
Al Morgan Sand Co.	Romulus	Sand
Newman Sand & Gravel Co.	Wayne	Sand and gravel
Ottawa Silica Co.	SW NE 15 5S 10E	Sandstone (silica sand)
Peerless Cement Corp.	Detroit (2 plants)	Cement
Pennsalt Chemicals Corp.	Wyandotte	Salt (brine for chlorine mfg.)
Thomson Sand & Gravel	NW NE 8 1S 8E	Sand and gravel
Wayne Sand & Gravel Co.	NW SE 12 3S 8E	" " "
Wyandotte Chemical Corp.	Wyandotte	Salt, cement, lime
Marblehead Lime Co.	River Rouge	Lime (limekiln only)

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WEXFORD

75th - \$114,000: Sand and Gravel

Leo Dunbar	SW NE 15 21N 9W	Sand and gravel
Mich. State Hwy. Dept.	(contractor)	" " "
Wexford Co. Road Comm.	(contractor)	" " "
Wexford Gravel Co.	NW NE 10 21N 9W	" " "

UNDISTRIBUTED

\$2,758,000: Peat*, Sand and Gravel

U. S. Department of Agriculture	Various Counties	Sand and gravel
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*Peat producers are listed in county breakdown. Individual or county production and value data not available.

