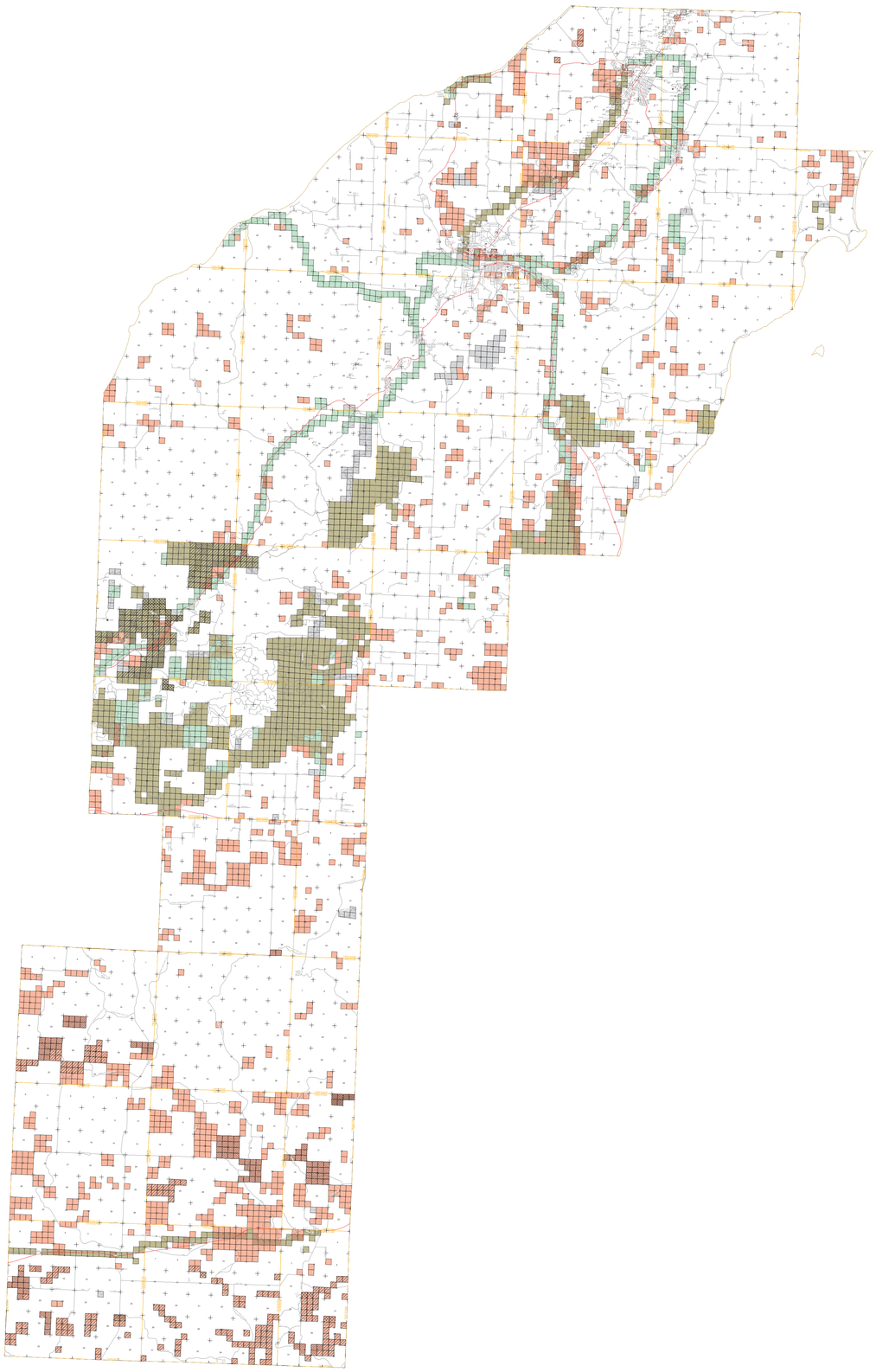
Mineral Lease Information and DNR Ownership
HOUGHTON COUNTY



LEGEND

Lease Classification Recommendation

- Development
- Development with Restrictions
- Mixed Classification
- Non-Development
- Non-Leasable

Lease Number

12345 Development Lease
R12345 Development with Restrictions Lease
N12345 Non-Development Lease
S12345 Gas Storage Lease
M12345 Metallic Mineral Lease
Z12345 Nonmetallic Mineral Lease
* Multiple Leases within QQS - one lease # shown

Oil and Gas Wells

- Oil
- Natural Gas
- Gas Condensate
- Gas Injection
- Gas Storage
- Liquified Petroleum Gas Storage
- Gas Production and Brine Disposal
- Brine Disposal
- Dry Hole
- Water Injection
- Other Injection
- Observation
- Other
- Permitted Well Location

Surface Locations

- Surface Locations

Directional Lines

- Directional
- Horizontal (90 deg.)

Plugged Wells

- Plugged Wells

DNR Ownership

- Surface
- Mineral and Surface
- Minerals
- Mixed Ownership
- Other Rights

Transportation

- Highway
- Paved Roads
- Gravel Roads
- Poor Dirt Roads

Hydrology

- Lakes and Rivers
- Streams

Political

- Cities
- Town Range
- Counties

40.00 Acres of Surface Ownership
40.00 Acres of Mineral and Surface Ownership
40.00 Acres of Mineral Ownership
ROW DNR has a Right of Way and/or an acquired easement(s) from private landowner within the quarter-quarter section

7.5 3.75 0 7.5 Miles

MAP INFORMATION

Oil and gas well informaiton obtained from drilling records on file at the Michigan Department of Environmental Quality (MDEQ), Geological and Land Management Division. Additional information on oil and gas wells can be obtained by contacting GLMD, MDEQ.

Lease classification recommendations are current and may differ from lease type (i.e., the lease was issued prior to the most current review).

Classification designations on individual parcels are reviewed each time lands are offered for lease. Parcels may be offered for lease under different classifications at future sales.

COMPLETENESS and QUALITY
In general, the data does not reflect platted parcels, Private Claims, and parcels within the City of Detroit and/or Saint Clair County Flats.

The amount of acreage owned within a quarter-quarter section is identified by acreage labels in the upper-right corner of each quarter-quarter section.

The quality and completeness of this data is unknown. It is suggested that this data be combined with a second source, such as plat maps, to further identify ownership.

The information displayed on this map is intended for general purposes only. Specific ownership information should be verified by contacting the MDNR.

Michigan Department of Natural Resources
Forest Resources Division

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