

Mineral Potential Evaluation Section (MPES) Report 380: Aggregate Resource Potential in Parts of Northern St. Louis and Lake Counties, MN

- Mn/DOT Aggregate Source Information System (ASIS) Original Data Points December 2008 - report380_asis1208

This page last updated: 2011

Metadata created using [Minnesota Geographic Metadata Guidelines](#)

Metadata Summary

Originator	Minnesota Department of Transportation, Aggregate Unit
Abstract	<p>The Office of Materials developed the Aggregate Source Information System (ASIS) in 1985. It is a database used to store and retrieve information on gravel pits, rock quarries and commercial aggregate sources. It is used primarily by the Aggregate Unit at the Maplewood Lab and District Materials personnel as a data resource for recommending aggregate sources for construction projects. The Aggregate Unit manages this database. This database is dynamic and for updates visit the Mn/DOT Aggregate home page at http://www.dot.state.mn.us/materials/aggsourse.html</p>
Browse Graphic	none available
Time Period of Content Date	2008
Currentness Reference	
Access Constraints	
Use Constraints	Acknowledgement of the Minnesota Department of Transportation and is appreciated for products derived from these data.
Distributor Organization	Minnesota Department of Transportation - Aggregate Unit
Ordering Instructions	<p>To download updated ASIS data go to the Mn/DOT Aggregates home page at http://www.dot.state.mn.us/materials/aggsourse.html</p> <p>The MPES Report 380's spatial datasets (shapefiles & file geodatabase) are included in the file report380data.zip, accessible from the MN DNR Aggregate Mapping web page: http://www.dnr.state.mn.us/lands_minerals/aggregate_maps/completed/index.html</p> <p>The spatial datasets include: sand and gravel resource potential, clay and silt resource potential, field observations, aggregate pits, Minnesota Geological Survey (MGS) County Well Index (CWI) data points, MGS CWI stratigraphy table, sieve analysis database, Mn/DOT Aggregate Source Information System (ASIS) points, and Mn/DOT ASIS pit quality table.</p>
Online Linkage	Click here to download data. (See Ordering Instructions above for details.) By clicking here, you agree to the notice in "Distribution Liability" in Section 6 of this metadata.

Full Metadata

Mineral Potential Evaluation Section (MPES) Report 380: Aggregate Resource Potential in Parts of Northern St. Louis and Lake Counties, MN

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Section 1	Identification Information	Top of page
Originator	Minnesota Department of Transportation, Aggregate Unit	
Title	Mineral Potential Evaluation Section (MPES) Report 380: Aggregate Resource Potential in Parts of Northern St. Louis and Lake Counties, MN - Mn/DOT Aggregate Source Information System (ASIS) Original Data Points December 2008 - report380_asis1208	
Abstract	<p>The Office of Materials developed the Aggregate Source Information System (ASIS) in 1985. It is a database used to store and retrieve information on gravel pits, rock quarries and commercial aggregate sources. It is used primarily by the Aggregate Unit at the Maplewood Lab and District Materials personnel as a data resource for recommending aggregate sources for construction projects. The Aggregate Unit manages this database. This database is dynamic and for updates visit the Mn/DOT Aggregate home page at http://www.dot.state.mn.us/materials/aggsources.html</p>	
Purpose	This spatial dataset was used for MPES Report 380 to determine the locations of ASIS gravel pits within parts of northern St. Louis and Lake Counties, MN.	
Time Period of Content Date	2008	
Currentness Reference		
Progress	Complete	
Maintenance and Update Frequency	None planned	
Spatial Extent of Data	Northern St. Louis County and Lake County, Minnesota	
Bounding Coordinates	-92.30 -91.65 47.92 47.45	
Place Keywords	St. Louis County, Lake County, Minnesota	
Theme Keywords	Mn/DOT, ASIS, Aggregate, Gravel Pits	
Theme Keyword		

Thesaurus

Access Constraints

Use Constraints

Acknowledgement of the Minnesota Department of Transportation and is appreciated for products derived from these data.

Contact Person Information

Randy Tilseth, Aggregate Source Information Contact
Minnesota Department of Transportation - Aggregates Unit

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Browse Graphic

none available

Browse Graphic File Description

Associated Data Sets

The report380_asis1208 shapefile can be joined to table 'report380_dotquality' field named 'asis_numbr' using the 'Asis_numbr' field or the 'Sourcenum' field as the primary key in the above mentioned shapefiles.

The MPES Report 380's spatial datasets (shapefiles & file geodatabase) are included in the file report380data.zip, accessible from the MN DNR Aggregate Mapping web page:

http://www.dnr.state.mn.us/lands_minerals/aggregate_maps/completed/index.html

The spatial datasets include: sand and gravel resource potential, clay and silt resource potential, field observations, aggregate pits, Minnesota Geological Survey (MGS) County Well Index (CWI) data points, MGS CWI stratigraphy table, sieve analysis database, Mn/DOT Aggregate Source Information System (ASIS) points, and Mn/DOT ASIS pit quality table.

Section 2

Data Quality Information

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Attribute Accuracy

Logical Consistency

Completeness

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Horizontal Positional Accuracy

Not applicable.

Vertical Positional Accuracy

Not applicable.

Lineage

This dataset was obtained directly from Randy Tilseth at the Minnesota Department of Transportation in December of 2008. For information about its lineage contact him at the number or email provided.

Source Scale Denominator

Section 3

Spatial Data Organization Information

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Native Data Set Environment

***Geographic
Reference for
Tabular Data***

Spatial Object Type Point

***Vendor Specific
Object Types***

Tiling Scheme MPES 380 Report Spatial Boundary

Section 4

Spatial Reference Information

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***Horizontal
Coordinate Scheme***

Ellipsoid Not applicable

Horizontal Datum

Horizontal Units

Distance Resolution

Altitude Datum Not applicable

Depth Datum Not applicable

Section 5

Entity and Attribute Information

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***Entity and Attribute
Overview***

The attribute data in this features table to the 'report380_dotquality' table. The primary key in report380_dotquality.dbf is the 'asis_numbr' field which can be related to the corresponding 'Asis_numbr' field in report380_pits.shp or to the 'sourcenum' field in report380_asis1208.shp.

***Entity and Attribute
Detailed Citation***

oasismeta08.pdf

Attribute values can be found in the following pdf: oasismeta08.pdf. This file is included in the report380data.zip file under the folder directory report380data\resource\shapefiles\mn_dot\metadata.

Section 6

Distribution Information

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Publisher Minnesota Department of Transportation

Publication Date 2008

***Contact Person
Information*** Randy Tilseth
Aggregate Source Information Contact
Minnesota Department of Transportation - Aggregate Unit

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***Distributor's Data
Set Identifier*** MPES Report 380: Aggregate Resource Potential in Parts of Northern St. Louis and Lake Counties, MN

Distribution Liability The Minnesota Department of Natural Resources makes no representation or warranties, express or implied, with respect to the reuse of data provided herewith, regardless of its format or the means of its transmission. There is no guarantee or representation to the user as to the accuracy, currency, suitability, or reliability of this data for any purpose. The user accepts the data 'as is', and assumes all risks associated with its use. By accepting this data, the user agrees not to transmit this data or provide access to it or any part of it to another party unless the user shall include with the data a copy of this disclaimer. The Minnesota Department of Natural Resources assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data.

Transfer Format Name

Transfer Format Version Number

Transfer Size mb for data, mb for associated maps

Ordering Instructions To download updated ASIS data go to the Mn/DOT Aggregates home page at <http://www.dot.state.mn.us/materials/aggsources.html>

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Section 7	Metadata Reference Information	Top of full metadata	Top of page
<i>Metadata Date</i>	2011		
<i>Contact Person Information</i>	Aggregate Resource Mapping Program, Industrial Minerals Geologist or GIS Specialist Minnesota Department of Natural Resources, Division of Lands and Minerals 500 Lafayette Road St. Paul, MN 55155-4045 Phone: 651-259-5959 FAX: 651-296-5969 E-mail: aggregatemap@state.mn.us		
<i>Metadata Standard Name</i>	Minnesota Geographic Metadata Guidelines		
<i>Metadata Standard Version</i>	2.1		
<i>Metadata Standard Online Linkage</i>	http://www.lmic.state.mn.us/gc/stds/metadata.htm		