

GIS Compilation of MN DNR Project 264: 1988-1989 Geodrilling Report; Report 264

A Minerals Diversification Project

GIS Data Completed: January, 2014 by Kevin Hanson

Original Data Completed: 1989

Authors: B.A. Frey and T. L. Lawler

Provided here is a general description of files that are found in 'mpes264_data.zip'

[Link to project webpage](#)

[Link to project report](#)

Abstract:

This zip file contains data for 232 samples extracted from 12 drillholes described in the Minnesota Department of Natural Resources, Division of Lands and Minerals Report "1988-1989 Geodrilling Report; Report 264," published in 1989. Each folder in the zip file contains related data in a different format. The data is presented in its original file format, in a Microsoft Access database, in dBase IV files, and in an ArcGIS File Geodatabase. The conversion of the original digital data files to these formats was completed in January of 2014 and is described below. They contain geospatial information in the form of Universal Transverse Mercator (UTM) East and North coordinates, a "Z" field with the elevation of the drill hole top, and elevation the of top and bottom of the individual samples; all elevations are in feet above sea level. Additional information about the data fields can be found below and in the report linked to above. The data is designed to be used as a supplement to the report and plates.

Folders and their contents:

ACCESS_DB_FROM_RAW_DATA

This folder contains an access database into which the raw data was imported. Files were brought into Microsoft Access in order to assign proper field headings and proper data type, and then they were exported as dBase IV files to be brought into mapping software. At this point, all blank or "NULL" cells were replaced by "-999" to avoid replacement with zeros.

- project264.accdb

DBF_EXPORTED_FROM_ACCESS

Contains two dBase IV file exported directly from the above listed access database. This format can be used to pull raw data into mapping software.

- 264MAST (contains drillhole, sample number, and assay data)
- 264MASTZ (contains a master set of all data related to project)

Note: This data can be located in the associated project report (link given above). Drillhole information can be found both on page 4 and in appendix A. Assay data can be found in appendix B.

RAW_DATA

Raw data in its original file form

FILE_GEODATABASE

[Only viewable in ArcGIS 9.3 and above]

File name - mpes264_data.gdb

- **Feature Dataset – Features**
 - mpes264_boundary
 - mpes264_drillholes
 - drillhole information that can be found in appendix A of the report
 - mpes264_samples
 - most importantly, contains analytical results and UTM coordinates (appendix B)

Any questions regarding the GIS compilation contact:

Kevin J Hanson
Geographer/GIS Specialist
Mineral Potential Evaluation Section
Aggregate Resource Mapping Program
MN DNR - Division of Lands & Minerals
Work Phone - 651-259-5429
Work Email - kevin.hanson@state.mn.us