

Minnesota Department of Natural Resources
Full GIS Metadata Record for: **BWCAW Mineral Management Corridor**
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SECTION 1: Identification Information

Originator: Minnesota DNR - Division of Lands & Minerals
Title: BWCAW Mineral Management Corridor
Metadata Product ID: 39000735-1015
Abstract: The Department of Natural Resources has established procedures whereby certain state lands in the proximity to the BWCAW are not offered for mineral leasing. This area is referred to as the BWCAW Mineral Management Corridor.
Purpose: To provide a visual means to identify areas that are considered to be in the BWCAW Mineral Management Corridor.
Usage Tips:
Time Period of Content: 1991
Currentness Reference: This layer is based on a map, dated February 1991, that shows the lands in the BWCAW Mineral Management Corridor.
Progress: Complete
Maintenance Frequency: None Planned
Spatial Extent of Data: Parts of St. Louis, Lake, and Cook counties in Minnesota.
Bounding Coordinates: E = -90.01
W = -92.46
N = 48.33
S = 47.75
Place Keywords: St. Louis, Lake, and Cook counties in Minnesota, Boundary Waters Canoe Area Wilderness.
Theme Keywords: Mineral Management Corridor, mineral leasing of state-owned lands
Theme Keyword Thesaurus: None
Access Constraints: Acknowledgment of the Minnesota Department of Natural Resources as the source for this dataset.
Use Constraints: Internal DNR use is unrestricted. External use is constrained by the standard, general DNR GIS Data License Agreement.
Data Use Contact: [Contact Information](#)

SECTION 2: Data Quality Information

Attribute Accuracy: No Information Available
Logical Consistency: PLS40 for each county was topologically verified using Arc/INFO. Due to the manner in which the original GLO surveys were done, there are areas between counties that may overlap or undershoot, which may appear in this layer.
Completeness: No Information Available
Horizontal Positional Accuracy: The data for this area are based on points that were derived from manual digitizing of PLS section corners from 1:24000 USGS paper quadrangles (referred to as GISMO and SECTIC-24K points).
Vertical Positional Accuracy: Not applicable.
Distance Resolution: No information Available
Lineage: [Attribute Lineage:](#)
No Information Available
[Cartographic Lineage:](#)

minmgmtc.polygon: The areas in the BWCAW Mineral Management Corridor were identified from the map of the MMC created in February 1991, showing the BWCAW and the public land survey townships, ranges, and sections. This information was matched to the PLS40 layer created by the MNDNR to flag the public land survey forties and government lots. This layer was then

dissolved on the DESCRPT field, leaving one record with DESCRPT = BWCAW Corridor. PLS40 polygons were built through a multi-step process that used point from the Control Point Inventory (CPI), information from the General Land Office (GLO) plats, meander notes from the GLO survey, Cadastral Measurement Management (CMM) software from the U.S. Bureau of Land Management (BLM), and processing in Arc/INFO. For specific information about this process, refer to the metadata for the Control Point Inventory and for the Control Point Generated PLS (often referred to as PLS40).ed to as PLS40).

Source Scale 24000
Denominator:

SECTION 3: Spatial Data Organization Information

Native Data Set Environment: ArcView Shapefile
Geographic Reference for Tabular Data: Mineral Management Corridor
Tiling Scheme: state
Spatial Object Type: polygon
Vendor Specific Object Types: polygon

SECTION 4: Spatial Reference Information

Horizontal Coordinate Scheme: UTM
Ellipsoid: GRS1980
Horizontal Datum: NAD83
Horizontal Units: meters
Altitude Datum: Not Applicable
Altitude Units: Not Applicable
Depth Datum: Not Applicable
Depth Units: Not Applicable
Cell Width: 0
Cell Height: 0
Latitude Resolution: 0
Longitude Resolution: 0
UTM Zone Number: 15
SPCS Zone Identifier: null
County Coordinate Zone Identifier: null
Coordinate Offsets or Adjustments: Not Applicable
Map Projection Name: Transverse Mercator
Map Projection Parameters: Not Applicable
Other Coordinate System Definition: Not Applicable

SECTION 5: Entity and Attribute Information

Entity and Attribute Overview: None

Entity and Attribute Citation: 1. In recognition of the BWCAW as an unique area of surpassing scenic beauty and solitude, the Department of Natural Resources has established procedures whereby certain state lands in the proximity to the BWCAW are not offered for leasing. The state-owned lands withdrawn from mineral leasing are within areas meeting one or more of the following criteria: a) Small surface watersheds that flow directly into the BWCAW, b) Within one-quarter of a mile of the BWCAW boundary, or c) Principal recreational entrances and travel corridors entering the BWCAW. These areas are identified on the map (in this case, in the shapefile) as the BWCAW Mineral Management Corridor (MMC). 2. Leasing of state-owned mineral rights within the MMC will be considered only if either of the following circumstances arise: a) A mineral deposit is discovered adjacent to the MMC that trends into the MMC. Mining would be allowed only by underground methods and the mine entrance would be located on lands outside the MMC; or b) A mineral deposit is discovered within the MMC through exploration conducted on privately-owned mineral interests where the state also is the owner of an undivided interest in the minerals, and where the private mineral owner has rights which may be exercised under Minnesota Statutes, chapter 560. It is recommended that mining be allowed only by underground methods and the mine entrance be located on lands outside the MMC.

Attribute Tables: [Data Table](#)

SECTION 6: Distribution Information

Publisher: Minnesota DNR - Division of Lands & Minerals
Publication Date: 10/1/2009
Contact Person Information Contact Information
Distributor Data Set Identifier: minmgmtc
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 uses. 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: ArcView Shapefile
Transfer Format Version: Not Applicable.
Ordering Instructions: null
Online Linkage: None

SECTION 7: Metadata Reference Information

Metadata Content Contact: Contact Information
Metadata Standard Name: Minnesota Geographic Metadata Guidelines
Metadata Standard Date: 4/4/2001
Metadata Standard Version: 1.2
Metadata Standard Online Linkage: <http://www.gis.state.mn.us/stds/metadata.htm>
