



LEGEND

- | | | | |
|--------------------|------------------------------------|---------------------------|------------------|
| Structure Inset | Corrals / Feedlots | Shelterbelts | Other Structures |
| Permit Boundary | Cropland (unique ID: KP34) | Driveways | Gardens |
| Pastures (Name) | Cropland Waterway | Road Surfaces | Mines |
| Cropland Fields | Native Vegetation | Rights-of-Way / Lanes | Waste Dumps |
| Match Line | Native Vegetation-Tame Pastureland | Developed Water Resources | Wetlands |
| Township and Range | Tame Pastureland | Feed / Hay Lots | Residences |
| Section | Tame Pastureland-Woodland | | |
| Study Area | Woodland | | |

STRUCTURE TYPES/USES:

- | | |
|----------------------------------|--------------------------|
| Residence | Garage / Shop |
| Barn - Wood | Metal Building / Quonset |
| Pole Barn | Shop |
| Livestock Shelter / Feed Storage | Small Storage Building |
| Small Livestock Feeder / Shelter | Industrial Facility |
| Wood Granary | Utility Related |
| Grain Bin | |

NOTES

Structure type/use is only shown for structures outside the Permit Boundary, but within 0.5 miles of the Permit Boundary. Descriptions of the structures inside the Permit Boundary (i.e., those identified as inset polygons with labels) are provided in Table 2.7.1-6.

The scale of all inset frames is 1:1,500.

Detailed information regarding the production and use of cropland fields and pastures (fenced areas for grazing, not tame pastureland) is provided in Section 2.7.1 and attendant tables. The field and pasture identifications on this map correlate to data provided in these sections.

Additional information related to Native Vegetation, Tame Pastureland, Woodlands, Shelterbelts, and Wetlands is provided in Section 2.7.2 and attendant figures and tables.

REFERENCE

Permit Boundary: IEI, 11/12/2009
Study Area: Golden, 4/27/2007
Township, Range, and Sections: ND HUB, 6/20/2006.
Roads, Railroad, Drainage Ways: Digitized from aerial photography, 6/19/2006.
Contours: Generated from aerial photography stereo pairs, 6/19/2006.
Projection: StatePlane, North Dakota South, NAD27, Feet.

500 250 0 500
SCALE 1:6,000 1 IN = 500 FT
IF PRINTED AT 34 IN X 44 IN

PROJECT	DATE	DES	REVISION DESCRIPTION	DATE	BY
SOUTH HEART COAL LLC SOUTH HEART LIGNITE MINE SOUTH HEART, NORTH DAKOTA	08/20/2006	IEI	Initial Design		
	09/12/2009	IEI	Permit Boundary Update		
	04/27/2007	IEI	Study Area Update		
	06/20/2006	IEI	Township, Range, and Sections Update		
PREMINE LAND USE MAP (SHEET 2 OF 3)					
CATENA	PROJECT NO.	08/20/2006	FILED/LANDED: 2/17/2008		
	DESIGNER	IEI	DATE		
	CHECKED	IEI	DATE		
	APPROVED	IEI	DATE		

FIG 2.7.1-2B