



LEGEND

	Permit Boundary		Water & Misc Areas (unclassified)		4e
	Match Line		2c		4s
	Study Area		2e		6e
	Township and Range		2s		6es
	Section		3e		6s
	Index Contour - 20 Ft Interval		3es		6w
	Contours - 5 Ft Interval		3s		7e
			3w		

NOTES :
 The LCC includes eight classes of land designated by Numbers 1 (I) through 8 (VIII) and four subclasses which signify special limitations such as (e) erosion, (w) excess wetness, (s) problems in the rooting zone, and (c) climatic limitations. The first four classes are arable land in which the limitations on their use and necessity of conservation measures and careful management increase from 1 (I) through 4 (IV). The criteria for placing a given area in a particular class involve the landscape location, slope of the field, depth, texture, and reaction of the soil. The remaining four classes, 5 (V) through 8 (VIII), are not to be used for cropland, but may have uses for pasture, range, woodland, grazing, wildlife, recreation, and esthetic purposes.
 See Table 2.7.1-9 for summary of acreages by the land capability classifications within the Permit Boundary.

REFERENCE
 Permit Boundary: IEI, 11/12/2009.
 Study Area: Golder, 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
 FEET
 SCALE 1:6,000 1 IN = 500 FT
 IF PRINTED AT 34 IN X 44 IN

REV	DATE	BY	DESCRIPTION

PROJECT: SOUTH HEART COAL LLC
 SOUTH HEART LIGHTS MINE
 SOUTH HEART, NORTH DAKOTA

TITLE: **PREMINE LAND CAPABILITY CLASSIFICATION MAP (SHEET 3 OF 3)**

CATENA
 Billings, Montana

FIG 2.7.1-3C