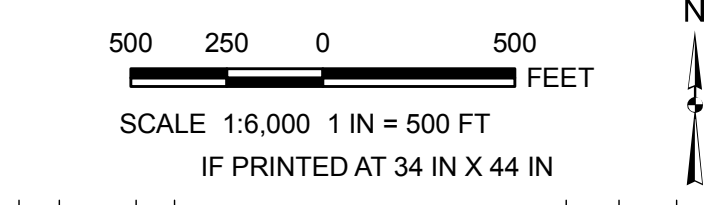


LEGEND

	Permit Boundary		Water & Misc Areas (unclassified)
	Match Line		2c
	Study Area		2e
	Township and Range		2s
	Section		3e
	Index Contour - 20 Ft Interval		3es
	Contours - 5 Ft Interval		3s
			4e
			4s
			6e
			6es
			6s
			6w
			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, 01/27/2010.
 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.



REV	DATE	DESCRIPTION	BY	CHK
PROJECT: SOUTH HEART COAL LLC SOUTH HEART LIGHTS MINE SOUTH HEART, NORTH DAKOTA				
PREMINE LAND CAPABILITY CLASSIFICATION MAP (SHEET 1 OF 3)				
PROJECT NO.	REVISED BY	DATE	SCALE	STATUS
FIG 2.7.1-3A				