

CLASSIFICATION LEGEND

HYDROGEOGRAPHIC CLASS		Other
R	Riverine	UB3 - Unconsolidated Bottom - Mud
R2	Lower Perennial	PI - Potentially Isolated
R4	Nonperennial	UPL - Upland
D	Depressional	
MF	Mineral Flat	
S	Slope	
COWARDIN MODIFIERS		
Vegetation Type		Special Modifiers
EM	Emergent (Herbaceous)	b
SS	Scrub/Shrub	h
FO	Forested	x
OW	Open Water	
Water Regime		
A	Temporary	
B	Saturated	
C	Seasonal	
F	Semipermanent	

AERIAL PHOTO: 06/19/2006
STATE PLANE NORTH DAKOTA
SOUTH 6302 NAD27, FEET

NOTE: Potentially isolated wetlands are mapped but may be determined by the U.S. Army Corps of Engineers to be non-jurisdictional because of isolation or lack of a significant nexus.

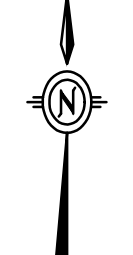
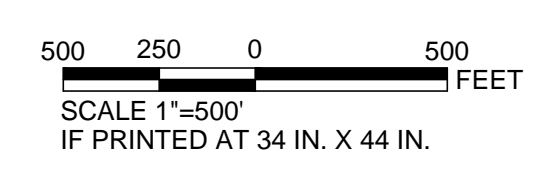


REFERENCES

Study Area: Golder, 10/18/2007.
Permit Boundary: IEL 11/12/2009.
Disturbance Boundary: Norwest, 9/16/2010.
Township, Range and Section: ND HUB, 6/20/2006.
Projection: StatePlane, North Dakota South, NAD27, Feet.

LEGEND

- Study Area
- Permit Boundary
- Disturbance Boundary
- Wetland plot
- SHSS-17 Water Quality Sampling Location (approximate)
- Wetland Boundary
- Township and Range
- Section
- Index Contour - 5 ft Interval
- Contour - 20 ft Interval



PROJECT NO.	DATE	SCALE	BY
SOUTH HEART COAL LLC SOUTH HEART LIGHTS MINE STARK COUNTY, NORTH DAKOTA			
WETLAND MAP		SHEET 2 OF 3	
WESTECH	EXHIBIT 1B		