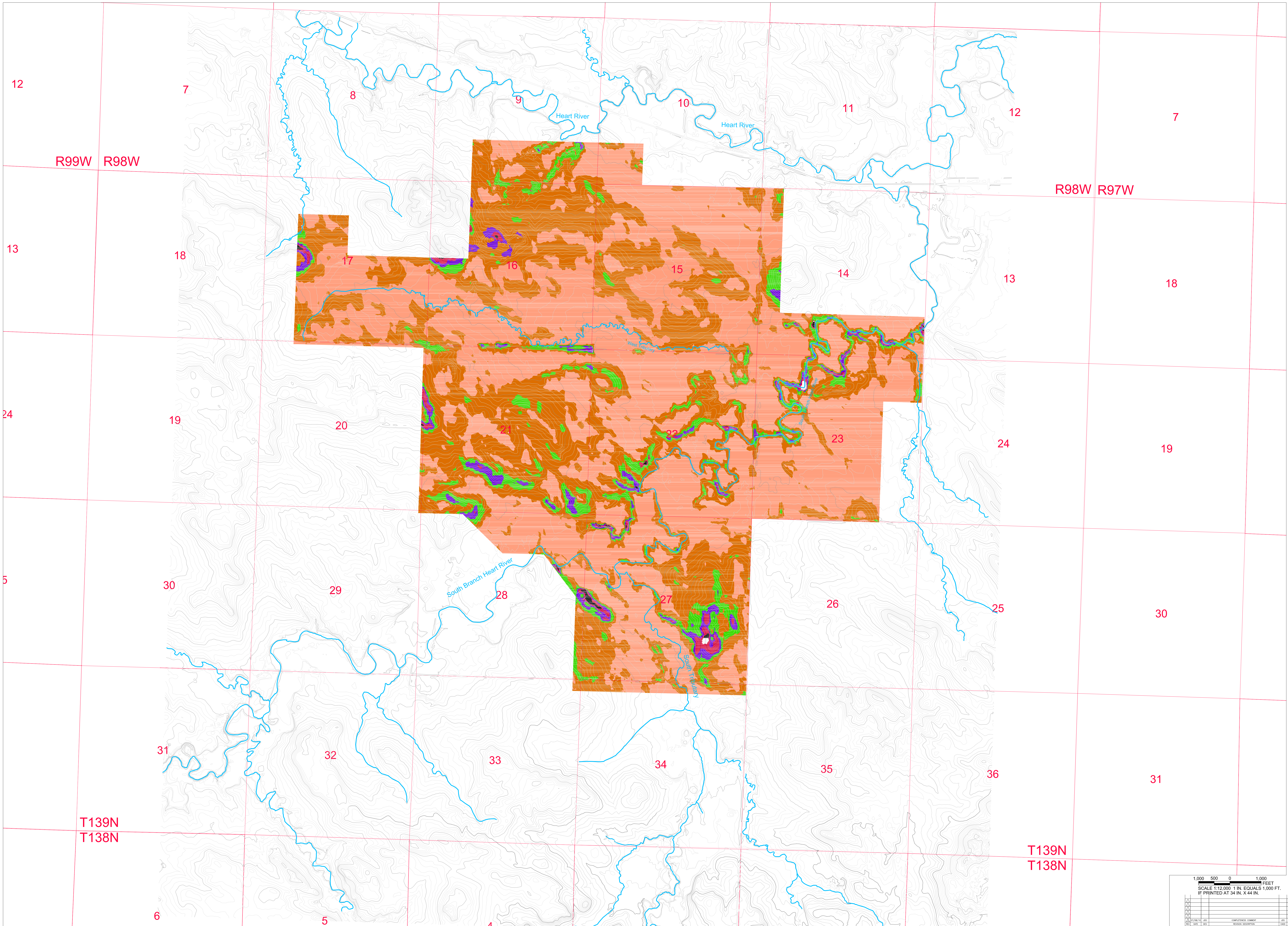




LEGEND		
PERMIT BOUNDARY		
MINE PIT BOUNDARY		
DRAINAGE WAY		
TOPOGRAPHY (10 FT. INTERVALS)		
TOPOGRAPHY INDEX (25 FT. INTERVALS)		
2600		
TOWNSHIP AND RANGE		
SECTION		
> 15 PERCENT	31.3 ACRES	
12 TO 15 PERCENT	49.3 ACRES	
9 TO 12 PERCENT	106.2 ACRES	
6 TO 9 PERCENT	324.0 ACRES	
3 TO 6 PERCENT	1463.0 ACRES	
0 to 3 PERCENT	2607.6 ACRES	
	4581.4 ACRES	

REFERENCE
Permit Boundary: Norwest, 11/12/2009.
Mine Pit Boundary: Norwest, 01/20/2010.
Township, Range and Section: ND HUB, 6/20/2006.
Drainage Ways: Digitized from aerial photography, 6/19/2007.
Contours: Generated from aerial photography stereo pairs, 6/19/2007.
Projection: StatePlane, North Dakota South, NAD27, Feet.

1,000 500 0 1,000

FEET

SCALE 1:12,000 1 IN. EQUALS 1,000 FT.
IF PRINTED AT 36 IN. X 48 IN.

PROJECT	SOUTH HEART COAL LLC	DATE	01/20/2010
TITLE	SOUTH HEART LIGNITE MINE	DATE	01/20/2010
	SOUTH HEART, NORTH DAKOTA	DATE	01/20/2010
	PRE-MINING SLOPE MAP	DATE	01/20/2010

NORWEST CORPORATION

Figure 4.1-8