



- LEGEND**
- PERMIT BOUNDARY
 - MINE PIT BOUNDARY
 - DRAINAGE WAY
 - TOPOGRAPHY (10 FT. INTERVALS)
 - TOPOGRAPHY INDEX (25 FT. INTERVALS)
 - PUBLIC LAND SURVEY SYSTEM

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, 06/19/2007.
 Contours: Generated from aerial photography stereo pairs, 06/19/2007.
 Post Mining Contours Generated from Carbon Mining 01/25/2010.
 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 34 IN. X 44 IN.

DATE	BY	DESCRIPTION
01/25/2010	AS	POST-MINING TOPOGRAPHY

NORWEST CORPORATION

SOUTH HEART COAL LLC
 SOUTH HEART LIGNITE MINE
 SOUTH HEART, NORTH DAKOTA

PROJECT NO. 08040408 FILE NO. PSM-M-08040408
 SHEET NO. 08040408-01 OF 01
 DATE: 01/25/2010
 SCALE: AS SHOWN (NAD)

POST-MINING TOPOGRAPHY

Figure 4.1-7a