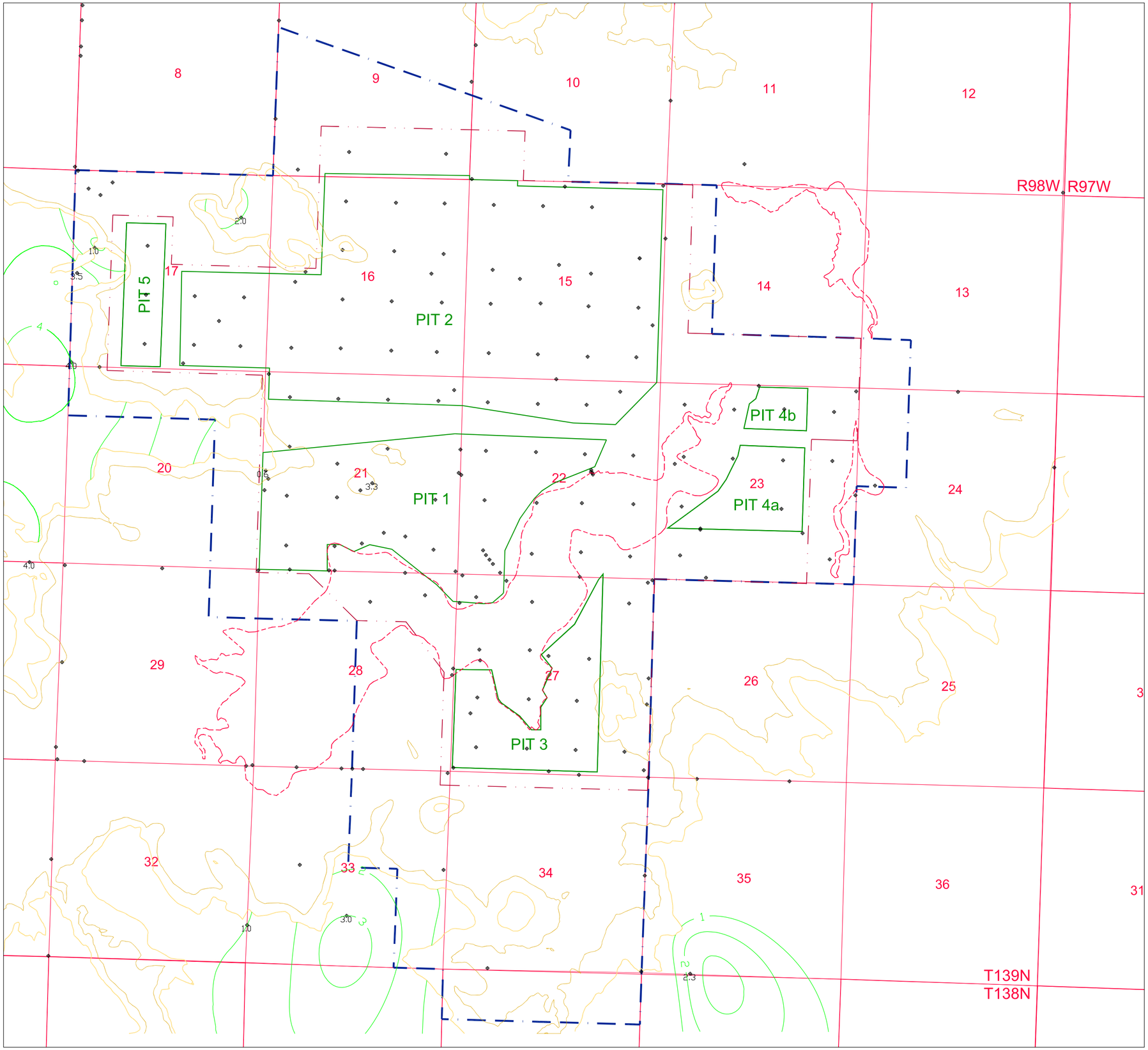

LEGEND

- STUDY AREA
- PERMIT BOUNDARY
- MINE PIT BOUNDARY
- F COAL THICKNESS CONTOUR (INTERVAL = 2 FT)
- 2.3 — BOREHOLE/WELL LOCATION AND F COAL THICKNESS (FEET ABOVE MEAN SEA LEVEL)
- F COAL OUTCROP
- F COAL SUBCROP
- INCREASED WEATHERING AREA
- 13 — SECTION
- TOWNSHIP & RANGE

REFERENCE

Study Area: Golder 10/18/2007
Permit Boundary: Norwest, 11/12/2009.
Mine Pit Boundary: Norwest, 01/20/2010.
Coal Seam Thickness, Outcrop, Subcrop, Increased Weathering Area: Norwest, 06/02/2008.
Township, Range and Section: ND HUB, 6/20/2006.
Projection: StatePlane, North Dakota South, NAD27, Feet.

NOTES

These were created as part of the geologic model for the mine plan. Contours are based on inverse distance squared and triangulation calculations and have occasional contouring breaks.

F Coal not encountered in every borehole shown on figure.

2,000 1,000 0 2,000 FEET
SCALE 1:24,000 1 IN. EQUALS 2,000 FT.
IF PRINTED AT 17 IN. X 22 IN.

N

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
1	07/09/10	EGM	COMPLETENESS COMMENT	EGM	RDT	JRH

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

TITLE
F COAL THICKNESS

NORWEST CORPORATION

PROJECT No.		4284-01-400	FILE No.	F Seam THK dwg	
DESIGN	EGM	03/11/08	SCALE	AS NOTED	REV. 1
CADD	EGM	01/22/10			
CHECK	RDT	02/10/10			
REVIEW	JRH	02/15/10			

Figure 2.3-10