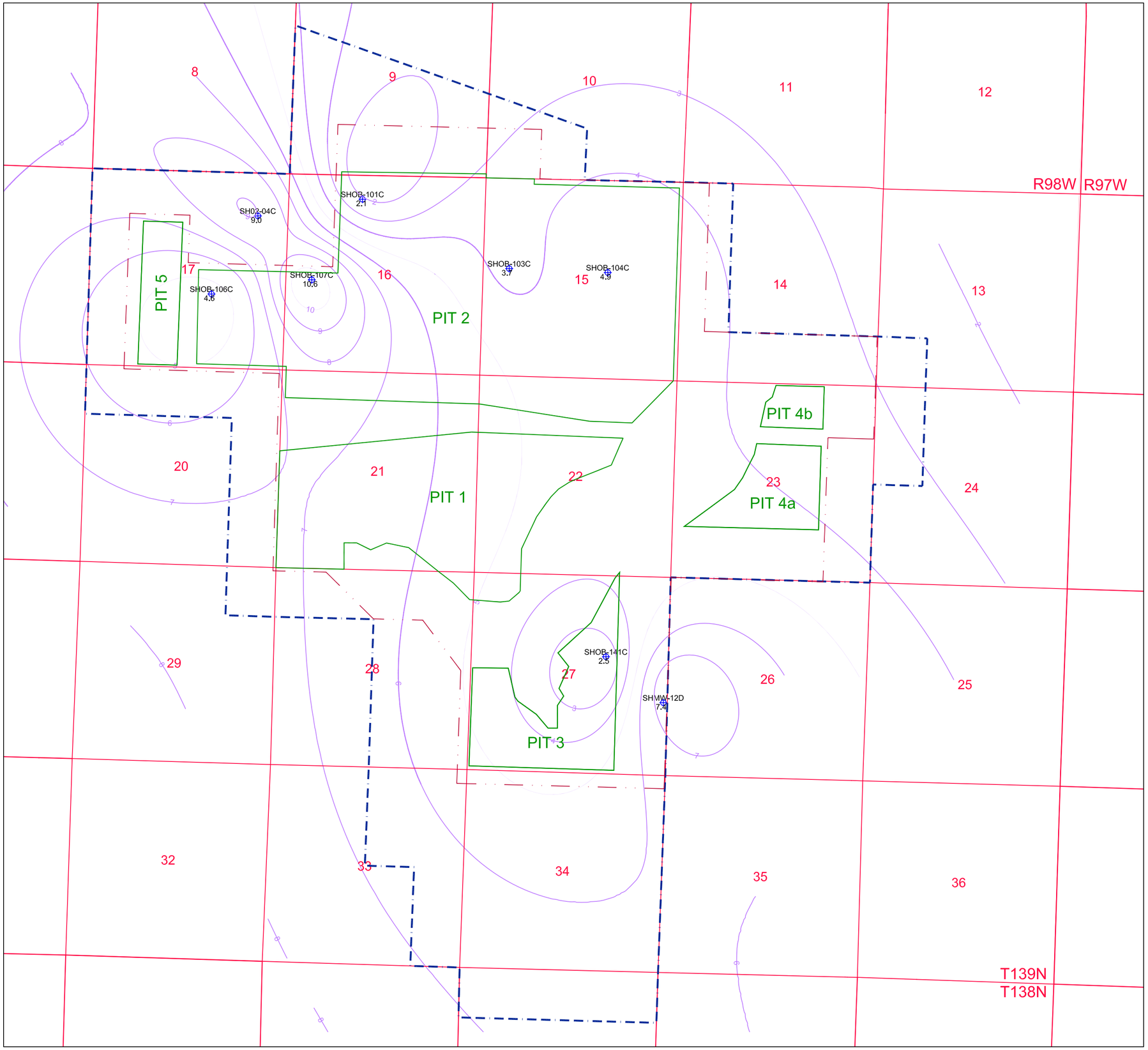

LEGEND

- 3.7 — DRILL HOLE (LIGNITE SODIUM CONTENT %)
- STUDY AREA
- PERMIT BOUNDARY
- MINE PIT BOUNDARY
- 13 — SECTION
- TOWNSHIP & RANGE
- 4.0 — E1 COAL SODIUM CONTENT ISOPLETHS

REFERENCE

Study Area: Golder 10/18/2007
Permit Boundary: Norwest, 11/12/2009.
Mine Pit Boundary: Norwest, 01/20/2010.
Contours: Generated from SurvCAD, Carlson Mining 2008, 03/10/08.
Borehole & Well Locations: Interstate Engineering, Inc., 04/23/2008 and Norwest 7/09/2007.
PLSS: ND HUB, 6/20/2006.
Projection: StatePlane, North Dakota South, NAD27, Feet.

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
0	03/31/10	EGM	ORIGINAL PERMIT SUBMITTAL	EGM	RDT	JRH

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

TITLE
E1 COAL
SODIUM CONTENT (%)
(As-received basis)

NORWEST CORPORATION

PROJECT No.		4284-01-400	FILE No.	E1 Seam Qualities.dwg
DESIGN	EGM	03/11/08	SCALE	AS NOTED REV. 0
CADD	EGM	01/22/10		
CHECK	RDT	02/10/10		
REVIEW	JRH	02/15/10		

Figure 2.3-32