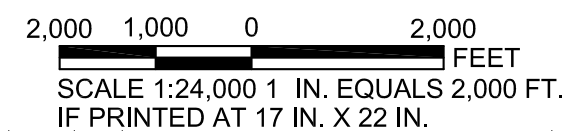


**LEGEND**

- 43.6 DRILL HOLE (LIGNITE MOISTURE CONTENT %)
- STUDY AREA
- PERMIT BOUNDARY
- MINE PIT BOUNDARY
- SECTION
- TOWNSHIP & RANGE
- 42 D COAL MOISTURE CONTENT ISOPACH
- SHMZ-03HTB MONITORING WELL (NOT IN MODEL)

**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.



PROJECT		SOUTH HEART COAL LLC SOUTH HEART LIGNITE MINE SOUTH HEART, NORTH DAKOTA			
TITLE		<b>D COAL MOISTURE CONTENT (%) (As-received basis)</b>			
PROJECT No.		4284-01-400	FILE No.		D Seam Qual@res.dwg
DESIGN	EGM	03/11/08	SCALE	AS NOTED	REV. 0
CADD	EGM	01/22/10			
CHECK	RDJ	02/10/10			
REVIEW	JRH	02/15/10			



Figure 2.3-38