




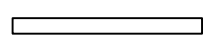



- LEGEND**
-  DRILL HOLE (LIGNITE ASH CONTENT %)
 -  STUDY AREA
 -  PERMIT BOUNDARY
 -  MINE PIT BOUNDARY
 -  SECTION
 -  TOWNSHIP & RANGE
 -  E COAL ASH CONTENT ISOPLETHS

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.


PROJECT		SOUTH HEART COAL LLC SOUTH HEART LIGNITE MINE SOUTH HEART, NORTH DAKOTA				
TITLE		E COAL ASH CONTENT (%) (As-received basis)				
PROJECT No.	4284-01-400	FILE No.	E Seam Qua@res.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 2.3-29