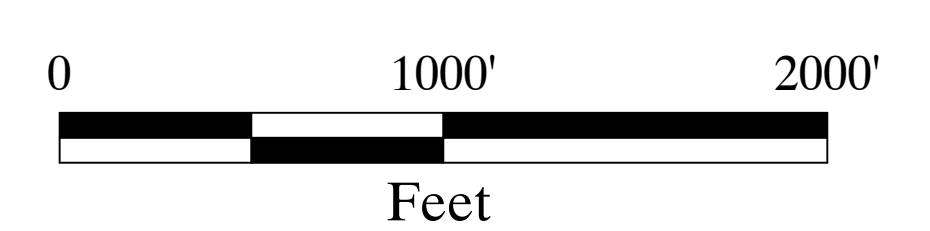
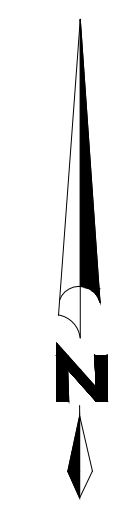


- LEGEND**
- SEDIMENT POND
 - STUDY AREA
 - - - PERMIT BOUNDARY
 - - - DIVERSION
 - MINE DITCH
 - PIT BOUNDARY
 - - - DISTURBANCE BOUNDARY
 - - - WATERSHED BOUNDARY
 - - - SUB-WATERSHED BOUNDARY FOR CVT 70+51
 - - - SUB-WATERSHED BOUNDARY FOR CVT 55+75
 - STREAM CHANNEL
 - SPGM STOCKPILE
 - OVB STOCKPILE
 - SOVB STOCKPILE
 - SMALL AREA EXEMPTION BERM
 - CULVERT
 - CONCRETE ARCH BRIDGE
 - PUMP STATION
 - HAUL ROAD
 - ACCESS ROAD
 - ROAD
 - GRASS FILTER BMP
 - STRAW WATTLE BMP
 - FACILITY AREA
 - 23 SECTION
 - ← TEMPORARY DIVERSION DD1A
 - ← TEMPORARY DIVERSION DD1B
 - ← TEMPORARY DIVERSION DD2A
 - ← TEMPORARY DIVERSION DD2B
 - ← TEMPORARY DIVERSION DD3
 - TOPOGRAPHY (5 FT. INTERVALS)



REFERENCE
 T139N R98W
 Permit Boundary: IEI, 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 stereo pairs, 6/19/2007.
 Contours: Generated from aerial photography stereo pairs, 6/19/2007.
 Projection: StatePlane, North Dakota South, NAD27, Feet.
 Contours are set at 5' intervals, unless otherwise specified.

PROJECT	SOUTH HEART COAL LLC SOUTH HEART LIGNITE MINE SOUTH HEART, NORTH DAKOTA			
TITLE	LIFE OF MINE WATER MANAGEMENT PLAN			
PROJECT No.	23-428403	FILE No.	North & District Area	
DESIGN	APO 2/15/10	SCALE	AS SHOWN	
CADD	JLS 2/15/10	SCALE	AS SHOWN	
CHECK	JRH 2/15/10	SCALE	AS SHOWN	
REVIEW	JRH 2/15/10	SCALE	AS SHOWN	
NORWEST CORPORATION		Figure 3.6-1		