



- LEGEND**
- PERMIT BOUNDARY
 - MINE PIT BOUNDARY
 - TOPOGRAPHY (10 FT. INTERVALS)
 - TOPOGRAPHY INDEX (25 FT. INTERVALS)
 - MINE SUPPORT FACILITIES
 - TOWNSHIP & RANGE
 - SECTION

- OVERBURDEN AND LIGNITE REMOVAL SEQUENCE**
- | | | | |
|-----------|-----------|-----------|-----------|
| Year 2014 | Year 2022 | Year 2030 | Year 2038 |
| Year 2015 | Year 2023 | Year 2031 | Year 2039 |
| Year 2016 | Year 2024 | Year 2032 | Year 2040 |
| Year 2017 | Year 2025 | Year 2033 | Year 2041 |
| Year 2018 | Year 2026 | Year 2034 | Year 2042 |
| Year 2019 | Year 2027 | Year 2035 | Year 2043 |
| Year 2020 | Year 2028 | Year 2036 | |
| Year 2021 | Year 2029 | Year 2037 | |

REFERENCE
 Permit Boundary: Norwest, 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, 6/19/2007.
 Contours: Generated from aerial photography stereo pairs, 6/19/2007.
 Projection: StatePlane, North Dakota South, NAD27, Feet.

1:000 500 0 1:000
 FEET
 SCALE 1:12,000 1 IN. EQUALS 1,000 FT.
 IF PRINTED AT 34 IN. X 44 IN.

NO.	DATE	DESCRIPTION	BY	APP.
1	06/19/2007	COMPUTED CONTOURS	CS	JM
2	06/19/2007	DRAINAGE WAY	CS	JM
3	06/19/2007	TOPOGRAPHY	CS	JM

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

LIFE OF MINE
OVERBURDEN AND LIGNITE
REMOVAL SCHEDULE MAP

NORWEST
 CORPORATION

Figure 3.1-2