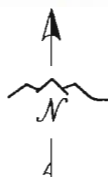
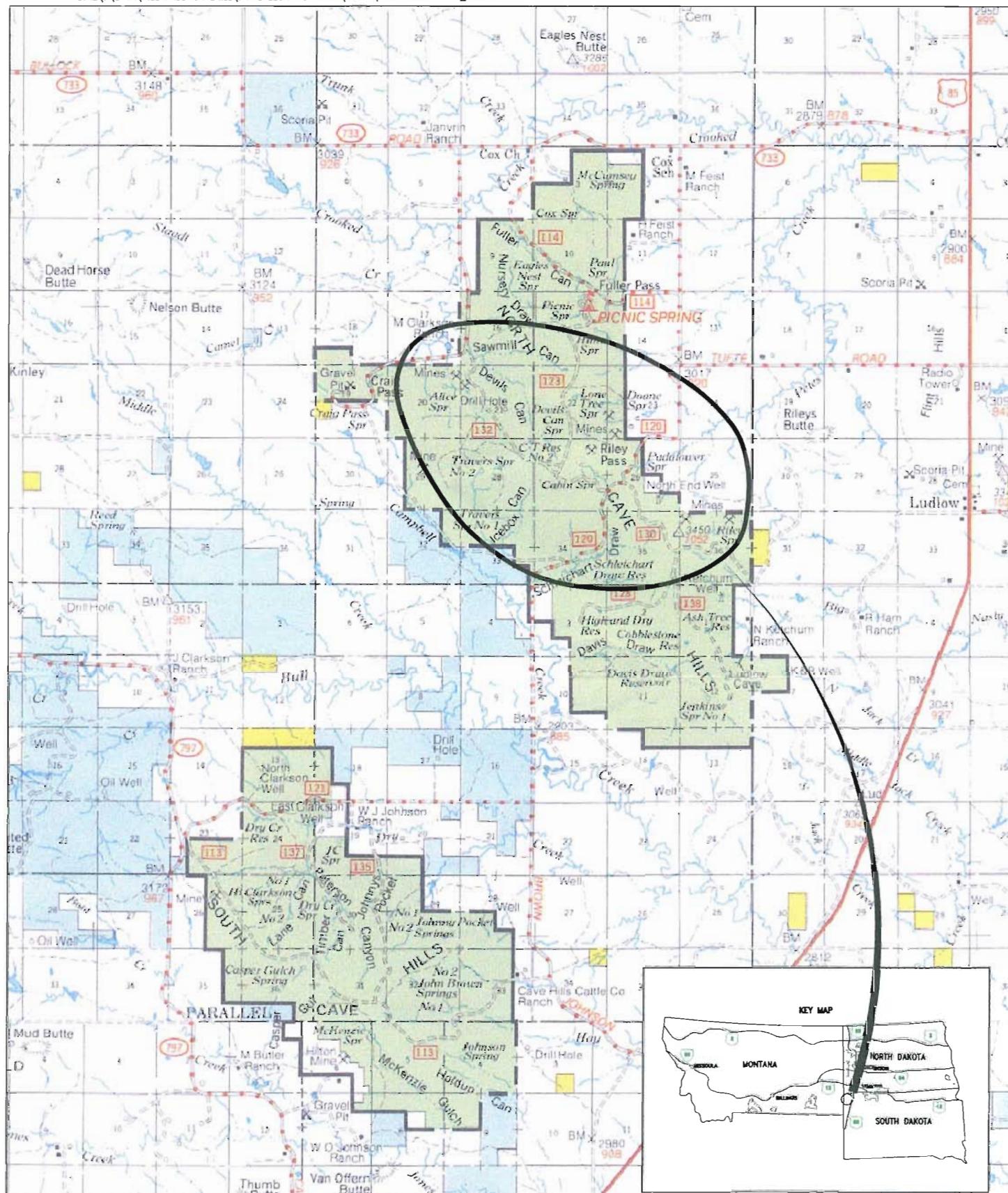


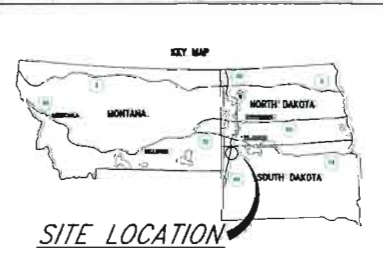
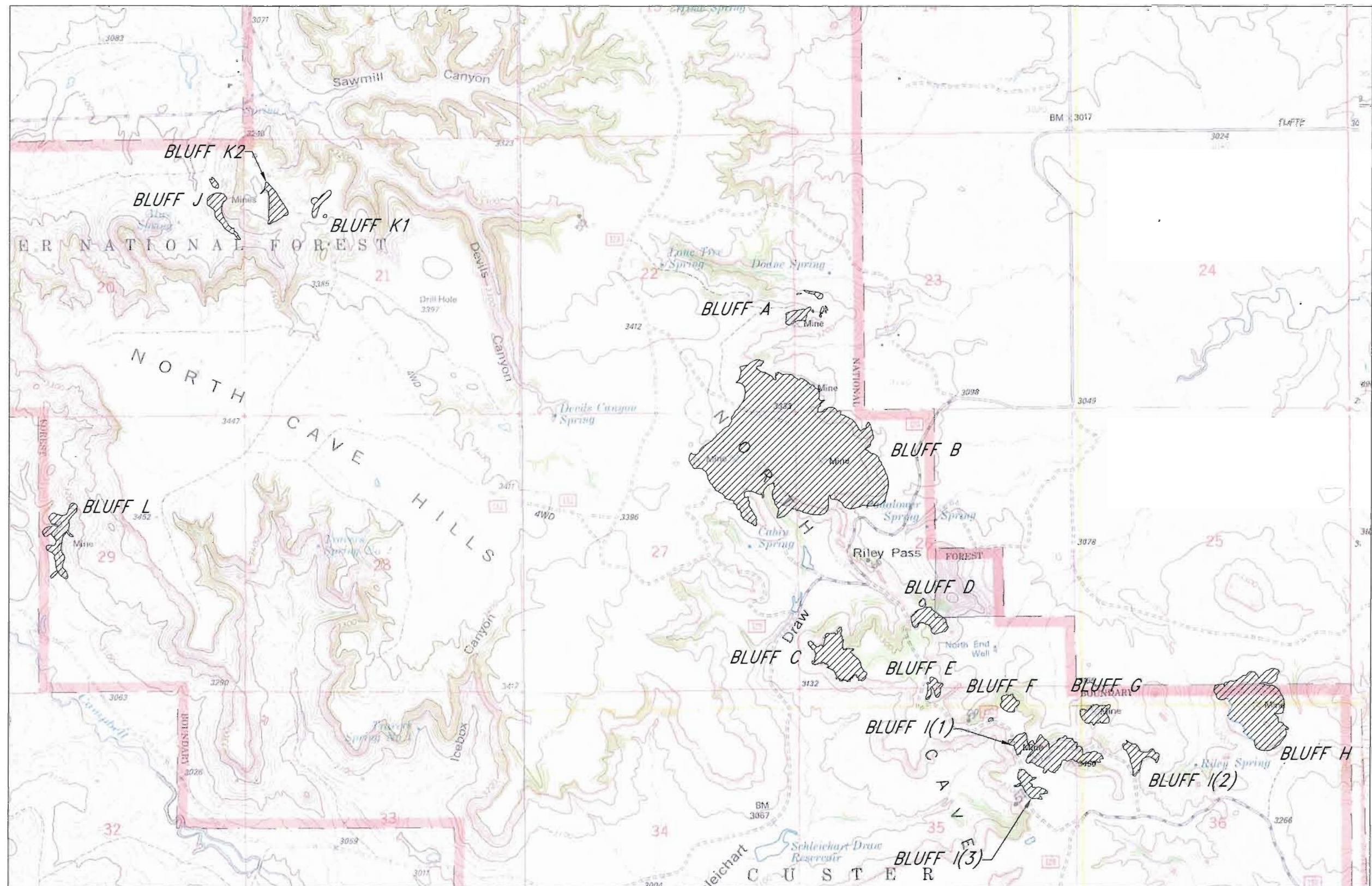
FIGURES



PIONEER
 TECHNICAL SERVICES, INC.
 SOURCE: CUSTER NATIONAL FOREST
 SOUX DIVISION MAP

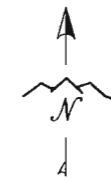
FIGURE 1-1
 RILEY PASS SITE
 SOUTH DAKOTA
 SITE VICINITY MAP

SCALE: 1"=2 MILES
 DATE: 10/3/06



WASTE SOURCE BLUFF

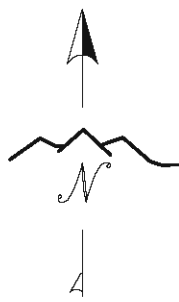
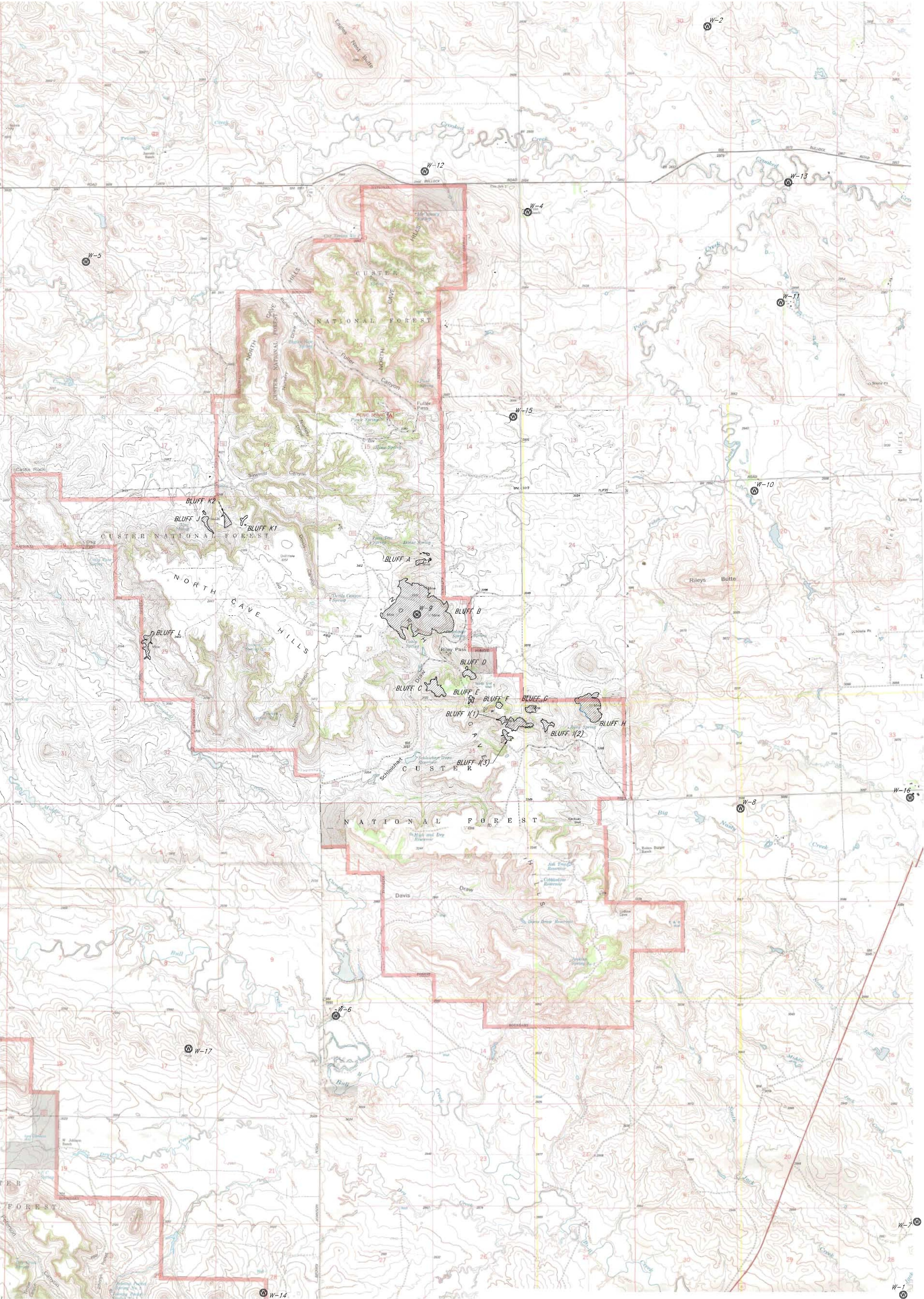
ACCESS ROAD



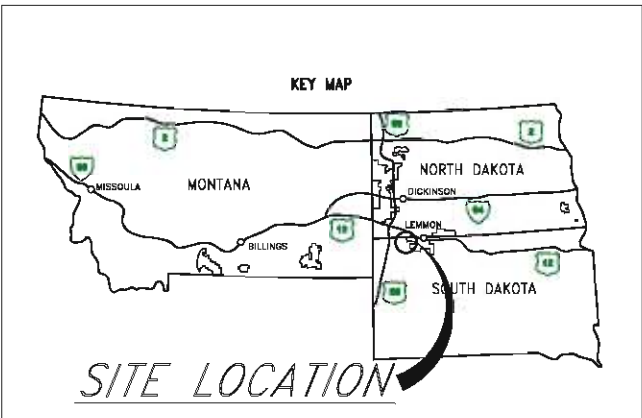
SOURCE: 7.5' USGS QUADS: LADNER SE & LUDLOW, SD



FIGURE 2-1
RILEY PASS SITE
SOUTH DAKOTA
BLUFF IDENTIFICATION MAP
SCALE: 1"=2000'
DATE: 10/3/06



SOURCE: 7.5' USGS QUADS: LADNER SE & LUDLOW, SD



WASTE SOURCE BLUFF

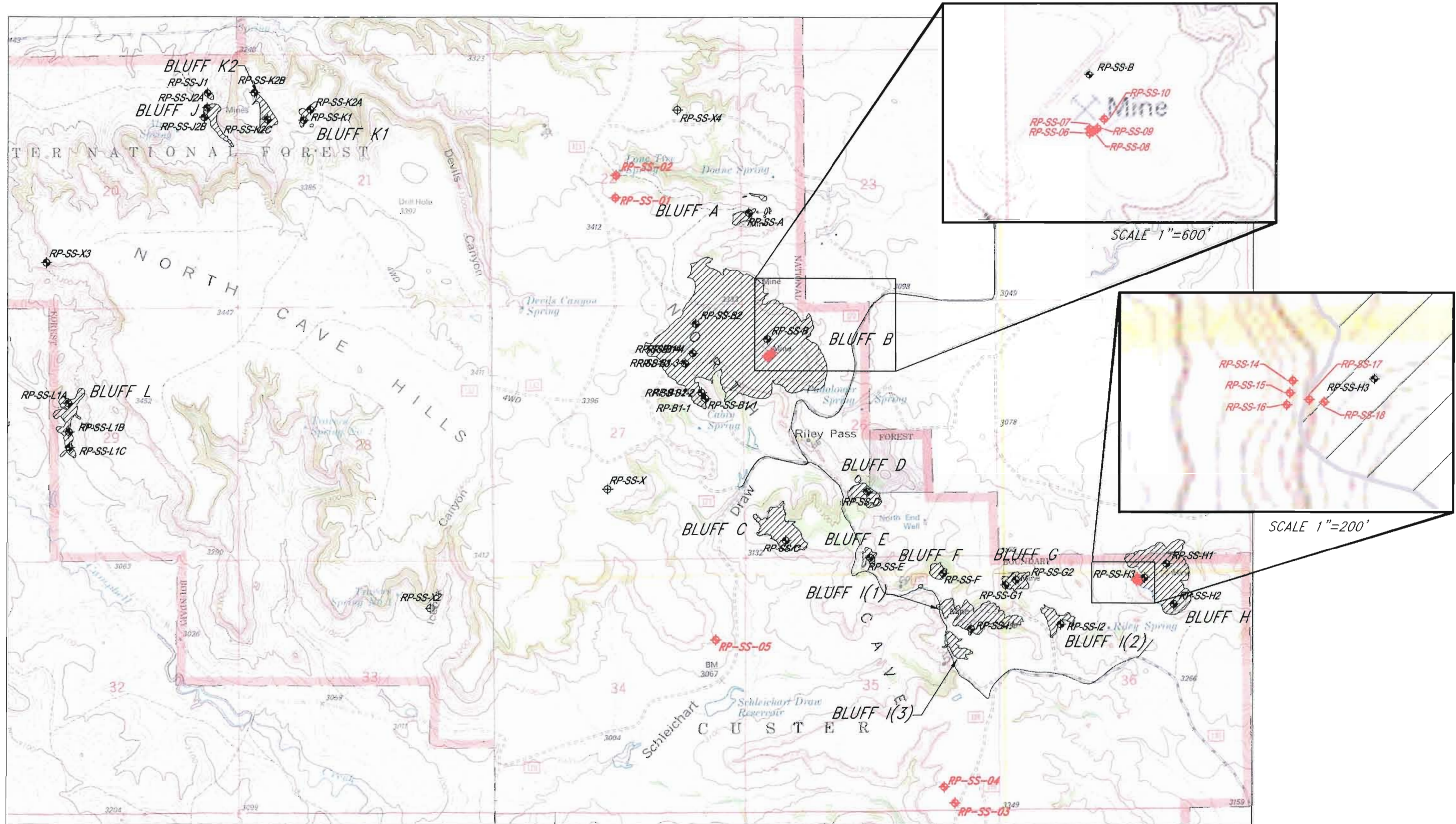
ACCESS ROAD

APPROXIMATE WELL LOCATION

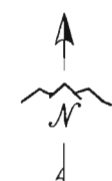
SOURCE: SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES (2002)
NOTE:
WELL #3 - NOT SHOWN ON FIGURE, LOCATED IN T22N, R6E, SECTION 12
WELL #18 - NOT SHOWN ON FIGURE, LOCATED IN T21N, R4E, SECTION 11



FIGURE 2-2
RILEY PASS SITE
SOUTH DAKOTA
APPROXIMATE WELL LOCATIONS
SCALE: 1"=2500'
DATE: 10/3/06



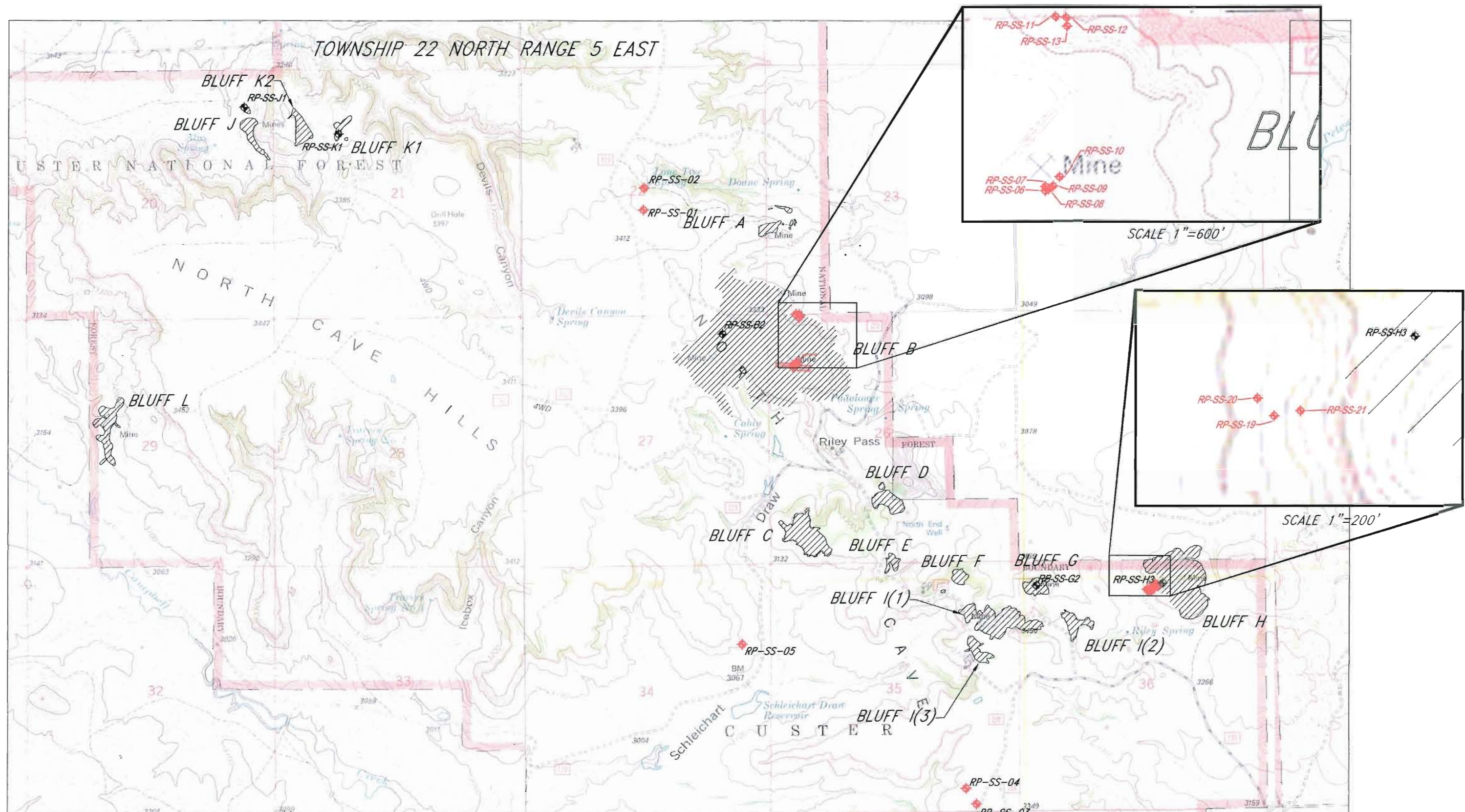
- WASTE SOURCE BLUFF
- ACCESS ROAD
- PIONEER SOIL SAMPLE
- PORTAGE SAMPLE LOCATIONS



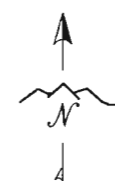
SOURCE: 7.5' USGS QUADS: LADNER SE & LUDLOW, SD



FIGURE 3-1
RILEY PASS SITE
SOUTH DAKOTA
SOIL SAMPLE LOCATIONS
SCALE: 1"=2000'
DATE: 10/3/06



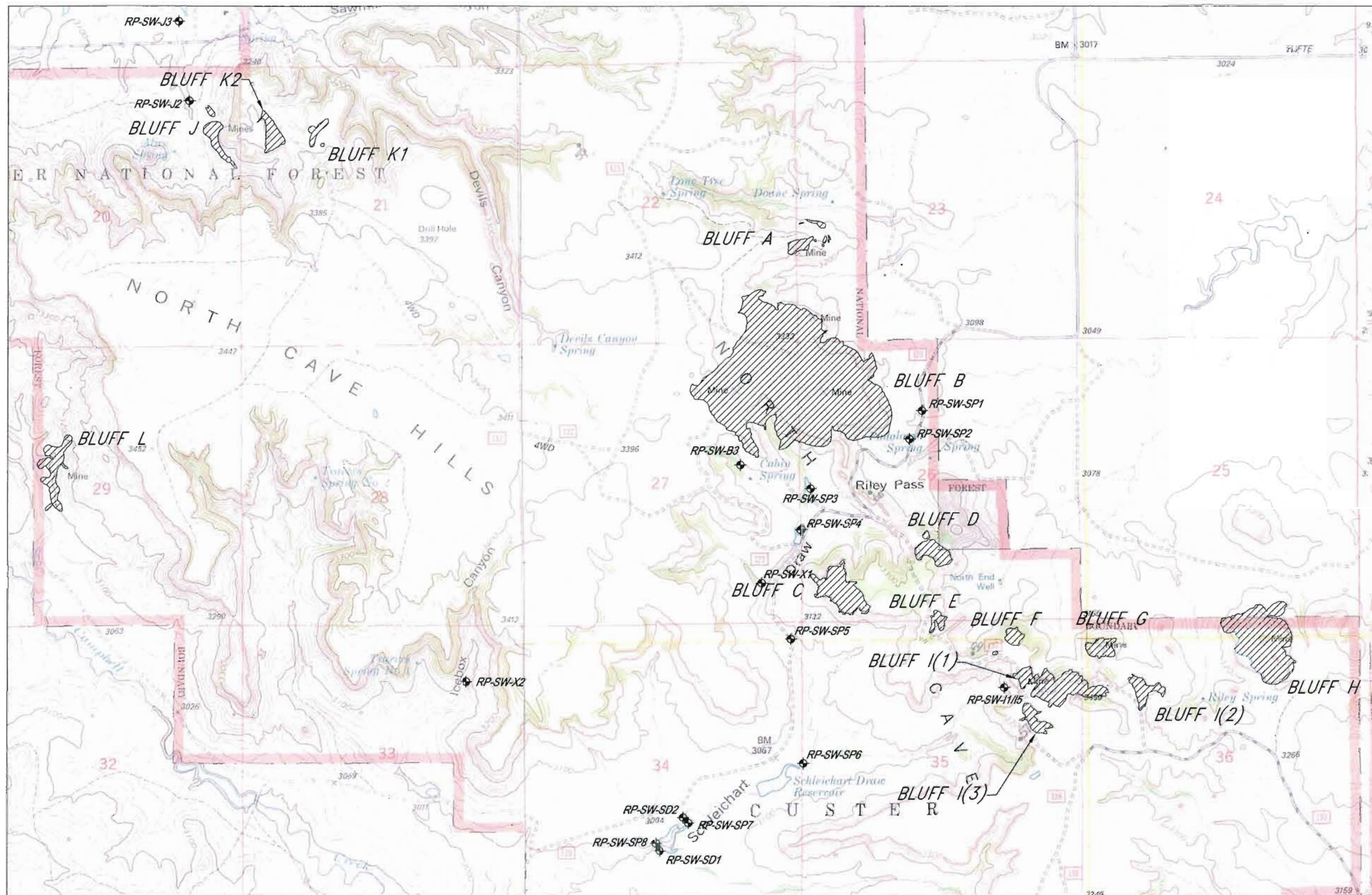
-  WASTE SOURCE BLUFF
 ACCESS ROAD
 PIONEER LIGNITE SAMPLE
 PORTAGE LIGNITE SAMPLE



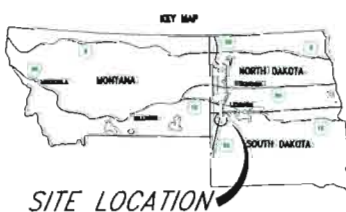
SOURCE: 7.5' USGS QUADS: LADNER SE & LUDLOW, SD



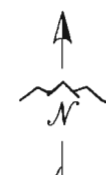
FIGURE 3-2
RILEY PASS SITE
SOUTH DAKOTA
LIGNITE SAMPLE LOCATIONS
SCALE: 1"=2000'
DATE: 10/24/06



SOURCE: 7.5' USGS QUADS: LADNER SE & LUDLOW, SD



- WASTE SOURCE BLUFF
- ACCESS ROAD
- SURFACE WATER SAMPLE



PIONEER
TECHNICAL SERVICES, INC.

FIGURE 3-3
RILEY PASS SITE
SOUTH DAKOTA
SURFACE WATER
SAMPLING LOCATIONS
SCALE: 1"=2000'
DATE: 10/3/06

KEY MAP

MINNESOTA MONTANA NORTH DAKOTA SOUTH DAKOTA

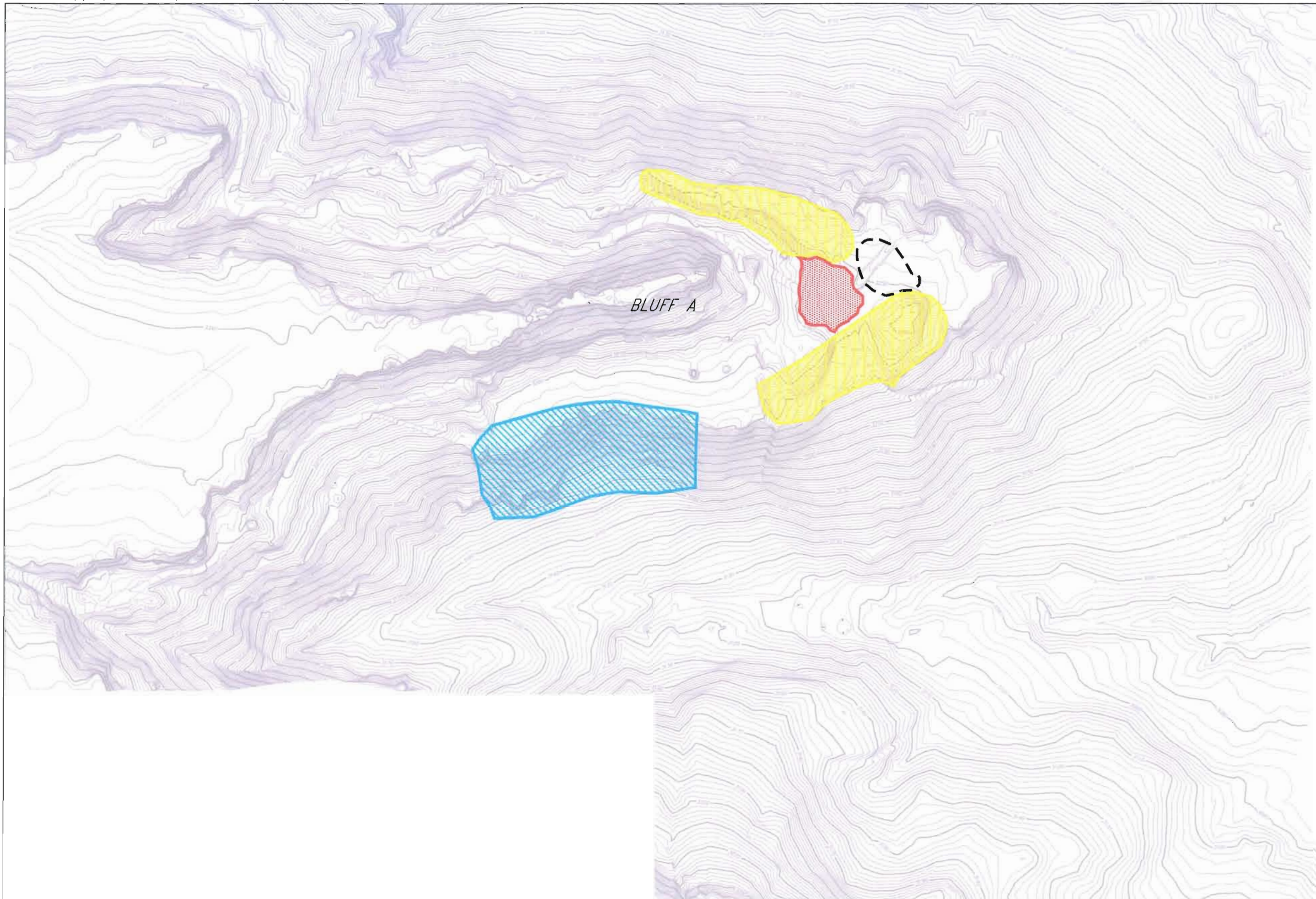
SITE LOCATION



PIONEER
TECHNICAL SERVICES, INC.

FIGURE 3-4
RILEY PASS SITE
SOUTH DAKOTA
STREAM SEDIMENT
SAMPLING LOCATIONS

SCALE: 1"=2000'
DATE: 10/3/06



LEGEND	
	GENERAL GRADING AREA (APPLICABLE TO ALTERNATIVES 3, 4, 5, AND 6)
	SIDE SLOPE GRADING AREA (APPLICABLE TO ALTERNATIVES 4, 5, AND 6)
	HIGH WALL REDUCTION AREA (APPLICABLE TO ALTERNATIVE 6)
	ACUTELY CONTAMINATED OR EXCESS MATERIAL TO BE EXCAVATED AND HAULED TO WASTE CONSOLIDATED AREA
	PROPOSED LOCATION OF SEDIMENT CONTROL BASIN
	PROPOSED LOCATION OF WASTE CONSOLIDATION AREA

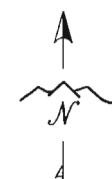
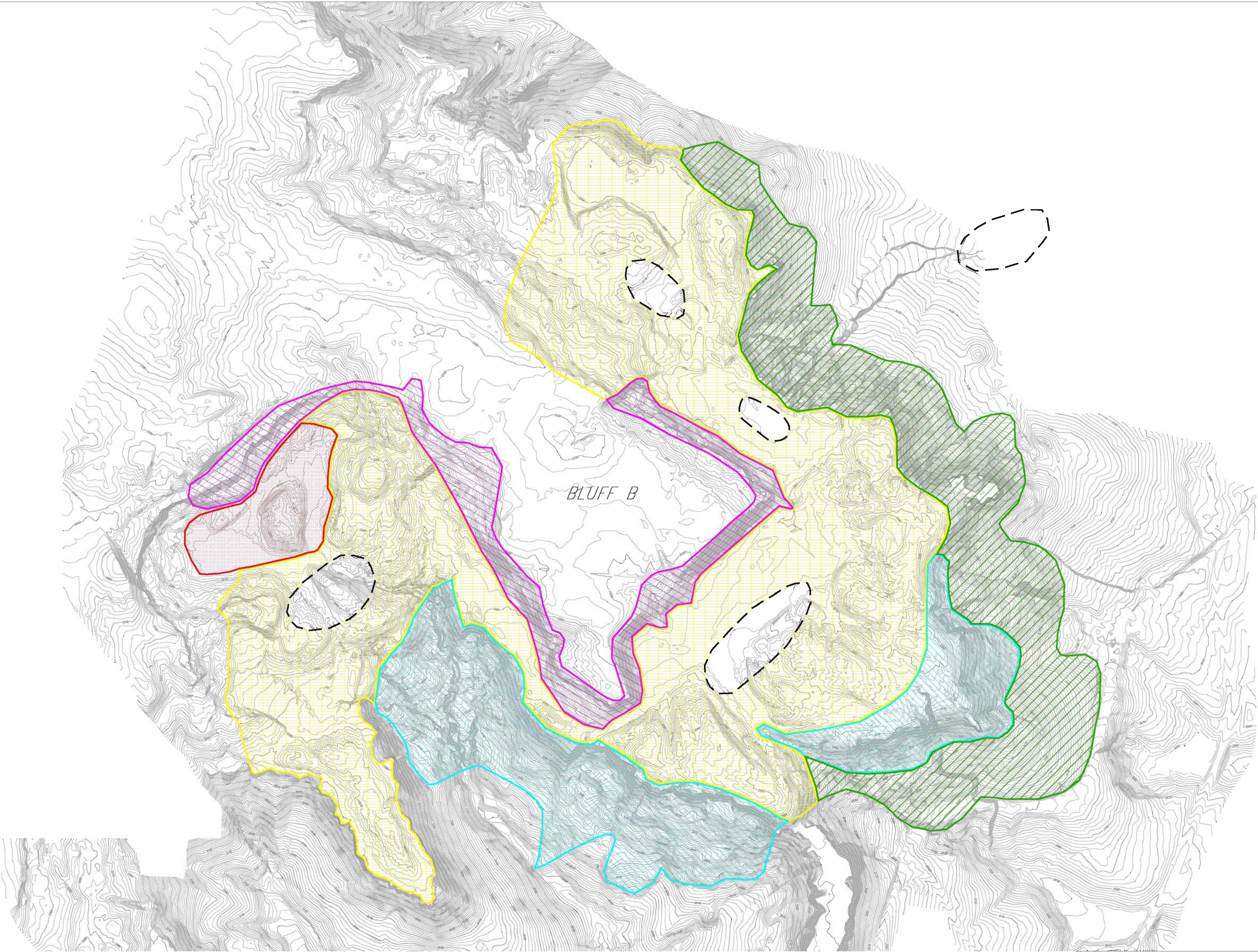


FIGURE 7-1
RILEY PASS SITE
SOUTH DAKOTA
BLUFF A ALTERNATIVES
SCALE: 1"=100'
DATE: 10/3/06



LEGEND	
	GENERAL GRADING AREA (APPLICABLE TO ALTERNATIVES 3, 4, 5, AND 6)
	SIDE SLOPE GRADING AREA (APPLICABLE TO ALTERNATIVES 4, 5, AND 6)
	HIGH WALL REDUCTION AREA (APPLICABLE TO ALTERNATIVE 6)
	ACUTELY CONTAMINATED OR EXCESS MATERIAL TO BE EXCAVATED AND HAULED TO WASTE CONSOLIDATION AREA
	PROPOSED LOCATION OF SEDIMENT CONTROL BASIN
	PROPOSED LOCATION OF WASTE CONSOLIDATION AREA

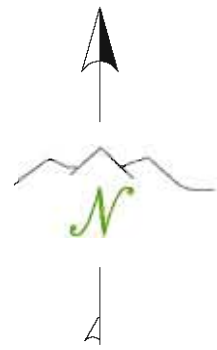
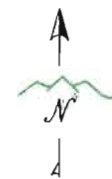
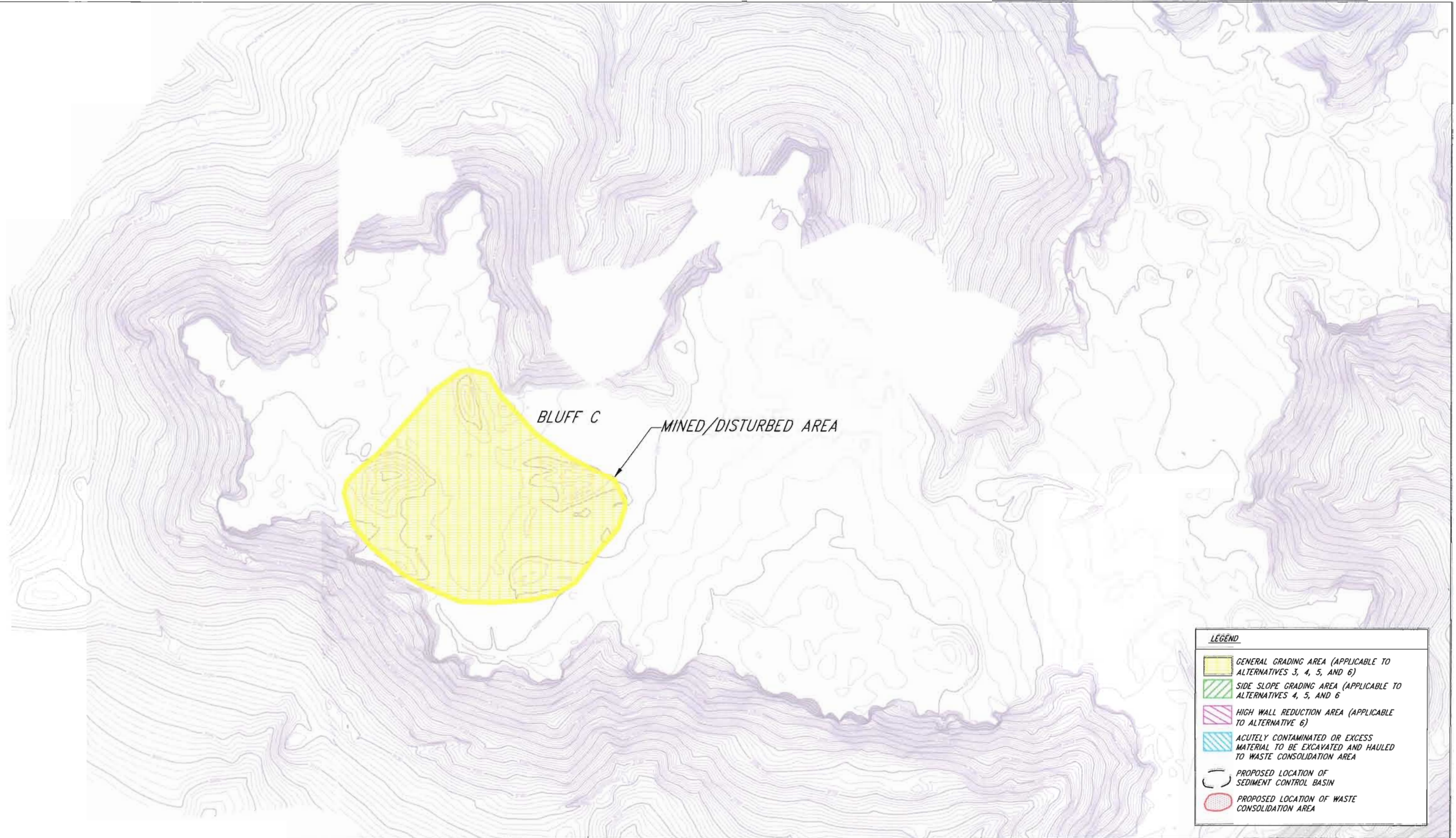


FIGURE 7-2
RILEY RASS SITE
SOUTH DAKOTA BLUFF B
ALTERNATIVES SUMMARY
SCALE: 1"=200'
DATE: 10/3/06



PIONEER
TECHNICAL SERVICES, INC.

FIGURE 7-3
RILEY PASS SITE
SOUTH DAKOTA
BLUFF C ALTERNATIVES
SCALE: 1"=200'
DATE: 10/3/06