ML 49443-OBA

U-63214

U-47080

U-062453

U-28297

SL-062583

SL-062455

AREA 1

AREA 2

AREA 3

AREA 4

AREA 5

AREA 6

AREA 7

AREA 8

AREA 9

AREA 10

AREA 11

AREA 12

AREA 13

UTU-76195

UTU-77161

EXPERIMENTAL PRACTICE AREA

POTENTIAL LONGWALL PANEL

BOUNDARY RES.

MIDDLE RES.

NORTH DUNCAN RES.

NORTH DUNCAN FLAT RES.

EAST SPRING RES.

LITTLE DUNCAN RES.

KENS RES.

DEWYS POND

MILL POND

BIG RIDGE RES.

JENSEN

JOHNSON POND

DRY POINT

SEEPS POND

ROCK POND

WEST BOXOD

EAST BOXOD

OVER TIME

FIRST TIME

BOX CANYON

SOUTH DRAW/BIG RIDGE

EAST DRAW/BIG RIDGE

NORTH FORK

SOUTH FORK

LINK CANYON

NORTH FORK QUITCHUPAH CREEK

JOE'S MILL PONDS

NORTH PINES #1

NORTH PINES #2

2ND PINES EAST

3 PINES EAST

— LEGEND —

- COAL OUTCROP
- SUBSIDENCE CONTOUR
- OVERBURDEN CONTOUR
- PERENNIAL STREAM
- ESCARPMENT
- FOREST ACCESS ROAD
- CONTROL POINT
- AERIAL TARGET
- MONITORED SPRING
- RUNOFF POND
- DRAW ANGLE
- SURVEY STATION
- TENSION CRACKS
- EXTERIOR LEASE LINE
- INTERIOR LEASE LINE
- SUBSIDENCE LIMITS
- PERENNIAL STREAM BUFFER ZONE
- ONE YEAR PROJECTION
- DISTRIBUTARY CHANNEL

AREA	AREA STATUS	MAXIMUM SUBSIDENCE
1	DORMANT	8.5 feet
2	DORMANT	2.0 feet
3	DORMANT	2.0 feet
4	DORMANT	5.0 feet
5	DORMANT	5.0 feet
6	DORMANT	7.0 feet
7	DORMANT	7.0 feet
8	DORMANT	5.0 feet
9	DORMANT	5.0 feet
10	ACTIVE	7.0 feet
11	ACTIVE	6.0 feet
12	ACTIVE	7.0 feet
13	NO MINING	

RECEIVED
MAR 3 1 2006
DIV. OF OIL, GAS & MINING

REGISTERED PROFESSIONAL ENGINEER
#334504-2202
JOHN M. BYARS
STATE OF UTAH
3-24-06

REVISIONS OR UP-DATES			DATE: 03-22-06	
NO.	DATE	BY	DESIGNED BY:	
12	02-28-02	JMB	DRAWN BY:	
13	03-03-03	JMB	CHECKED BY:	
14	02-11-04	JMB		
15	03-15-05	JMB		
16	03-22-06	JMB	SCALE: 1' = 1000'	

FILENAME: H:\DRAWINGS\MRP\SUBSIDEN.CE\SUBSIDMP.DWG

Canyon Fuel Company, LLC
SUFCO Mine

MINE SUBSIDENCE MAP

397 SOUTH 800 WEST
SALINA, UTAH 84654

DRAWING OR MAP NUMBER: MAP 1