



**LEGEND:**

PERMIT AREA "B" (LILA CANYON): ---

EPHEMERAL CHANNEL: ---

ROAD: ---

COAL OUTCROP: ---

FAULTS: ---

WILDERNESS STUDY AREA: ---

ROADS: ---

COVER LINES: ---

MAXIMUM EXTENT OF SUBSIDENCE: ---

Using 21.5° angle draw

OUTCROP BARRIER (Extent of 2nd Mining): ---

Also the approximate location of the Castlegate Sandstone Escarpment

⊗ PROPOSED SUBSIDENCE POINTS

91-557 WATER RIGHT NUMBER:

91-810 UEL/PA

RESERVOIR/STREAM:

SPRING SOURCE:

● WATER MONITORING LOCATION

STRAIN: 91 x 10<sup>-3</sup>

SUBSIDENCE: 9

REVISION DATE:

DATE:	BY:	DATE:	BY:
NOVEMBER 20, 1999	BJ	JANUARY, 2005	RJM
AUG 29, 2000	BJ	MAR. 2006	RJM
JAN 09, 2001	BJ	November 2006	TJS
MAR 21, 2001	BJ	January 2007 (07-002)	RJM
Sept 20, 2002	RJM		
AUG 19, 2003	RJM		
DEC 20, 2004	RJM		

North Arrow

Scale: 500' 0' 1000' 2000'

UTAH REGISTERED PROFESSIONAL ENGINEER #152606 R. Jay Marshall

**LILA CANYON MINE**

**Subsidence Control Map**

DATE: NOVEMBER 1999 DESIGNED BY: UEL

SCALE: AS SHOWN PLATE #: PLATE 5-3