FILE IN Expandable 0301300?
Refer to Record No. 0105,
in Coal Topic, Land, Incoming
for additional information

RECEIVED
FEB 21 2007
DIV. OF OIL, GAS & MINING

RECEIVED
FEB 21 2007
DIV. OF OIL, GAS & MINING

LEGEND:

SEEP AND SPRING MONITORING LOCATIONS: ▲12
SURFACE WATER MONITORING LOCATIONS:
IN-MINE MONITORING LOCATIONS:
WELLS/PIEZOMETERS
NATURAL DRAINAGE:
COAL OUTCROP:
PIEZOMETRIC SURFACE:
STRUCTURE LINES: U D
FAULTS:

PERMIT AREA "B" (LILA CANYON):
PERMIT AREA "A" (HORSE CANYON):
STOCK POND WATER RIGHT 91-2646
UTAHAMERICAN WATER RIGHT 91-810
WATER RIGHT NOT UEI 91-2535
UNDERGROUND WATER RIGHT 91-48
OUTCROP MEASUREMENT oc-10

REVISION DATE:

DATE	BY:	DATE	BY:
July 1999	WJ		
November 1999	BHE	December 2006	PJJ
March 2000	BHE	Jan. 12 2007 (07-002)	RJM
AUG 2000	BJ	Feb. 19 2007 (07-002)	RJM
DEC 2000	BJ		
April 2002	RJM		
September 2002	RJM		
November 2006	TJS		

1000' 0' 2000' 4000'

LILA CANYON MINE

PERMIT AREA HYDROLOGY

DATE	DESIGNED BY:	PLATE #:
MAY 1998	BLACKHAWK ENG.	7-1
SCALE:	AS SHOWN	

UTAH REGISTERED PROFESSIONAL ENGINEER
#152606
R. Jay Marshall
3/9/07

SOUTHERN PACIFIC RAILROAD
TO SALT LAKE CITY
TO GRAND JUNCTION
County Road
SOUTH BOUNDARY FAULT
WILLIAMS DRAW FAULT
CENTRAL GRABEN FAULT
NORTH LILA CANYON FAULT
MIDDLE LILA CANYON FAULT
SOUTH LILA CANYON FAULT
SUNNYSIDE FAULT
PERMIT AREA "A"
PERMIT AREA "B"
PROJECTED PIEZOMETRIC SURFACE
EXPLORATION ENTRY
ROTARY DUMP
MAIN SLOPE
ESTIMATED FACE ELEVATION 5550
LAST OBSERVED WATER ELEVATION 5870
Horse Canyon Mine
Horse Canyon Well
Mudd Well
Cove Reservoir #1
Big Pond
Alkali Pond
Powerline Pond
No Name (Piled In)
Marsing Bros. Reservoir
Navajo Mining Reservoir
Mudd Creek
Horse Canyon
Lila Canyon
Grassy Wash
Sunny Spring Wash
Main Fork Lila Wash
Middle Fork Lila Wash
North Fork Lila Wash
Main Fork Horse Canyon
Middle Fork Horse Canyon
Main Fork Willams Draw
Middle Fork Willams Draw
Main Fork Mudd Creek
Middle Fork Mudd Creek
Main Fork Grassy Wash
Main Fork Sunny Spring Wash
Middle Fork Sunny Spring Wash
Main Fork Lila Canyon
Middle Fork Lila Canyon
North Fork Lila Canyon
South Fork Lila Canyon
Lila Canyon Fault
Main Fork Horse Canyon
Middle Fork Horse Canyon
Main Fork Mudd Creek
Middle Fork Mudd Creek
Main Fork Willams Draw
Middle Fork Willams Draw
Main Fork Grassy Wash
Main Fork Sunny Spring Wash
Middle Fork Sunny Spring Wash
Main Fork Lila Canyon
Middle Fork Lila Canyon
North Fork Lila Canyon
South Fork Lila Canyon
Lila Canyon Fault
L-15-S
L-16-S
L-17-S
L-18-S
L-19-S
L-14-S
L-13-S
L-12-S
L-3-S
L-4-S
L-5-C (MINE WATER)
L-7-S
L-8-S
L-9-S
L-10-S
L-11-S
L-1-S
L-2-S
B-1 (HC-2)
HCSW-1 (HC-1)
HCSW-2
HCSW-3
001A
002A
002 (REMOVED)
001 (REMOVED)
003 (REMOVED)
T 16 S
T 17 S
R 13 E
R 14 E
R 15 E
46K Volts
CARBON COUNTY RAILROAD