LEGEND

MINE WORKINGS
BLIND CANYON COAL SEAM
(INCLUDES 5 YEAR MINE PLAN)

MINE WORKINGS
HIAWATHA COAL SEAM
(INCLUDES 5 YEAR MINE PLAN)

LEASE BOUNDARY

FAULT (DASHED WHERE INFERRED)

SUBSIDENCE LEGEND

- 2-4 FEET
- 4-6 FEET
- 6-8 FEET
- 8-10 FEET
- 10-12 FEET
- 12-14 FEET
- 14-16 FEET
- 16 FEET OR >

LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
4/17/07
STATE OF UTAH

STATE OF UTAH
REFERENCE NUMBER
5224883-2250
KENNETH S. FLECK
LICENSED PROFESSIONAL GEOLOGIST

Deer Creek Mine Permit Area

Cottonwood/Wilberg Mine Permit Area

Trail Mountain Mine Permit Area

Des-Bee-Dove Mines Permit Area

ML-48258
ML-48258 Subleased I.P.A.-50% Andalex Resources 50%
UTU-84285 VALLEY FAULT
UTU-84285
R. 6 E.
R. 7 E.
T. 16 S.
T. 17 S.
T. 17 S.
T. 18 S.
HELCO MINE
SKEEN MINE
BEAVER CREEK MINE
FORK CANYON FAULT ZONE
PROJECTED LEFT FORK CANYON FAULT ZONE
LEFT FORK FAULT ZONE
LEFT FORK FAULT ZONE
ROAN'S CANYON FAULT GRABEN
ROAN'S CANYON FAULT GRABEN
STRAIGHT CANYON SYNCLINE
STRAIGHT CANYON SYNCLINE
MILL FORK GRABEN
DEER CREEK FAULT
MINE DIVISION BOUNDARY
U-024317
U.P.&L. CO. FEE
U-06039
SL-051221
U-2810
U-014275
SL-050862
U-024319 RELINQUISHED APRIL 24, 1992
U-024319
U-47977
U-7653 Coal Sublease Terminated Effective 3/18/02
STATE ML-22509 Relinquished 12/6/01
U-47979 RELINQUISHED APRIL 24, 1992
U-47979
U-084923
U-084924
SL-064607 064621 RELINQUISHED APRIL 24, 1992
SULA #1382
SL-070645 U-02292 RELINQUISHED APRIL 24, 1992
SL-064607 064621
SL-070645 U-02292
SL-066116 RELINQUISHED APRIL 24, 1992
DEER CREEK MINE
McKINNON FEE
SL-066116 RELINQUISHED MAY 15, 1995
SL-070645 U-02292 RELINQUISHED APRIL 24, 1992
U-02664 RELINQUISHED APRIL 24, 1992
U-040151
L.D.S. FEE Relinquished 11/18/98
U.P.&L. CO. FEE
U-02664
U-1358 RELINQUISHED APRIL 24, 1992
U-1358 RELINQUISHED JUNE 12, 1995
U-02664 RELINQUISHED APRIL 24, 1992
U-02664 RELIN. 4-24-92
SL-064900
SL-050135 RELINQUISHED APRIL 22, 1992
U.P.&L. CO. FEE
COTTONWOOD/ WILBERG MINE
U-044020
U-1358 RELINQUISHED APRIL 24, 1992
U-02664
U-083066
U-47978
U-47978 RELINQUISHED APRIL 24, 1992
U-47978 RELINQUISHED OCTOBER 16, 1992
U-47978 RELINQUISHED APRIL 24, 1992
TRAIL MTN. MINE
L.D.S. FEE
U-49332
U-082996
UTU-64375
STATE ML-22603 RELINQUISHED JANUARY 31, 1996
DES-BEE-DOVE
FOREST SERVICE SPECIAL USE PERMIT
U-02664 RELIN. 4-24-92
U-37641 SEWER ABSORPTION FIELD
S.U.L.A. 1195
SEDIMENTATION POND
WASTE ROCK STORAGE SITE U-37642
WASTE ROCK STORAGE SITE UTU-65027

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CAD FILE NAME/DISK#: P:\EM\SUBALL-2006.DWG

ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

EAST MOUNTAIN/TRAIL MOUNTAIN 2006 SUBSIDENCE

DRAWN BY:	K. LARSEN	.....	
SCALE:	1"=2000'	DRAWING #:	
DATE:	MARCH 22, 2007	SHEET 1 OF 1	REV.