SUBSIDENCE LEGEND

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

- PACIFICORP EAST MOUNTAIN PROPERTY BOUNDARY
- TRAIL MOUNTAIN MINE PERMIT AREA BOUNDARY
- FAULT (DASHED WHERE INFERRED)

LEGEND

- SPRING
- BLIND CANYON COAL SEAM (INCLUDES 5 YEAR MINE PLAN)
- HIAWATHA COAL SEAM (INCLUDES 5 YEAR MINE PLAN)
- GAS WELL

TKnh	NORTH HORN FORMATION
Tf	FLAGSTAFF FORMATION
Kpr	PRICE RIVER FORMATION
Km	MANCOS SHALE
Ksp	STARPOINT SNADSTONE
Kbh	BLACKHAWK FORMATION
Kcg	CASTLEGATE SANDSTONE

STATE ML-48258
STATE ML-22509
STATE ML-22603 RELINQUISHED JANUARY 31, 1996
FEE
U-02292
U-024317
U-024319
U-7653
U-084923
U-084924
U-083066
U-040151
U-1358
U-47978
U-47979
U-02664
U-49332
UTU-64375
U-082996
SL-050862
U-014275
SL-064607
064621
SL-066116
SL-064900
SL-050133
SULA #284
DEER CREEK MINE
COTTONWOOD MINE
TRAIL MTN. MINE
DES-REE-DOVE MINES
SKEEN MINE
BEAVER CREEK MINE
OLIPHANT MINE
FOREST SERVICE SPECIAL USE PERMIT
R.O.W. U-53809
S.U.L.A. #1195
U-37641 SEWER ABSORPTION FIELD
U-37642 WASTE ROCK STORAGE SITE
UTU-065027 WASTE ROCK STORAGE SITE
GOOSE VALLEY FAULT
ROAN'S CANYON FAULT GRABEN
STRAIGHT CANYON SYNCLINE
MILL FORK GRABEN
PINE SPRING RESERVOIR
PINE SPRINGS
PINE SPRINGS THROUGH
EAST MTN. CAP POND
BRACES POND #2
BRACES POND #1
BRUCE POND
DILLS SPRING
WEST TEPPERS POND
SHEBA SPRING
ELK SPRING
ROANS CANYON SPRING
NORTH POINT SPRING
ROAN SPRING
ALPINE SPRING
MIKES SPRING
HERK WATER SPRING
SHEEP HERDER SPRING
PINES SPRING
CLARK NELSON POND
ELK POND
GRIMES WASH SPRING
FLAGG LAKE
BLOODY BEAR SPRING
DEAD BUCK SPRING
BURNING SPRING
BURNT TREE SPRING
EAST MTN. RIDGE SPRING #2
PIPELINE FROM BURNT TREE SPRING
SNOW LAKE
NORTH SPRING
SOUTH SPRING
SIDE CANYON SPRING
DEAD HORSE SPRING
TED'S TUB
FENCED ENCLOSURE
COVE RES.
TRAIL MTN. RIDGE
TRAIL MTN. SPRING
DEAD HORSE SPRING
(BED SPRING)
SEEP
T. 16 S.
T. 17 S.
T. 17 S.
T. 18 S.
R. 6 E.
R. 7 E.

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

I certify that I am a Licensed Professional Geologist in the State of Utah and do also certify that this drawing/plan was prepared by me or under my direction and is accurate as depicted and was compiled using industry accepted methods.

Kenneth S. Fleck 2/10/03
KENNETH S. FLECK NO. 5224883-2250 DATE

LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 165651
STATE OF UTAH

I, JOHN CHRISTENSEN BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John Christensen 2/7/03
JOHN CHRISTENSEN NO. 165651 DATE

N

HM-5

CAD FILE NAME/DISK#: USERS\KJL\EM\HM-5-2002.DWG

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

SPRING MAP/EAST & TRAIL MTNS.
WITH 5 YEAR MINE PLAN 2003–2007
AND 2002 SUBSIDENCE ZONES

DRAWN BY: K.J.L. & K.S.F.		CE-10904-EM
SCALE: 1" = 2000'		DRAWING #:
DATE: FEBRUARY 5, 2003	SHEET 1 OF 1	REV.