LEGEND

- U.P. & L. CO. PERMIT BOUNDARY
- SURFACE OWNERSHIP PROPERTY BOUNDARY
- COAL OUTCROP
- ROADS
- DRAINAGE
- FAULTS
- U.S. NATIONAL FOREST
- NATIONAL RESOURCE LAND

LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 155531
4/17/07
STATE OF UTAH

Deer Creek Mine Permit Area

JOES VALLEY FAULT
JOES VALLEY GRABEN
MILL FORK FAULT GRABEN
ROAN'S CANYON FAULT GRABEN
STRAIGHT CANYON SYNCLINE
COTTONWOOD CANYON SYNCLINE
IGNEOUS DIKE
U.S. NATIONAL FOREST BOUNDARY
T. 15 S. T. 16 S.
T. 16 S. T. 17 S.
T. 17 S. T. 18 S.
R. 6 E. R. 7 E.

Intermountain Power Agency
Dick N & Quinevere A Nielson
Leonora W Wertheimer
Nancy S Hayden Et Al
Beaver Creek Coal Company
Intermountain Power Agency 50, Etal
C O P Coal Development Company
Oral E & Grace N Johansen
Oral Eugene Johansen
Craig Eugene Johansen
Kirk & Julie Johansen
Ina Lee Huntington, Etal
Stanley George Jensen, Etal
R Mack Huntington
Melissa Huntington Schaefer
Utah Power & Light Company
Zions First National Bank Trustee
Emery County
State
Kent H. Barton, Etal
Elk Springs Property Users Association
Karl A. Seely Company, Inc.
Lavar J & Phyllis Gaye Jensen
Copinga, Inc.
L. D. S. CHURCH
Forest Service Special Use Permit
Brigham Young University
HUNTINGTON POWER PLANT
DEER CREEK MINE WASTE ROCK SITE
DEER CREEK MINE
COTTONWOOD MINE
TRAIL MTN. MINE
DES-BEE-DOVE MINES
Pacificorp

DATE	REVISIONS	BY	KJL
4-10-07	REVISED DEER CREEK PERMIT BNDRY. TO INCLUDE FEDERAL LEASE UTU-84285 AND RIGHT-OF-WAY UTU-52401	KJL	
6-16-06	REVISED DEER CREEK & COTTONWOOD PERMIT BOUNDARIES TO REFLECT PHASE 3 RELINQUISHMENT	KJL	
5-16-06	REVISED DEER CREEK PERMIT BOUNDARY TO INCLUDE UTU-84258, REVISED JOES VALLEY FAULT	KJL	
3-31-05	REVISED PERMIT BOUNDARIES TO REFLECT LEASE RELINQU.	KJL	
4-23-03	REVISED PERMIT BOUNDARY	KJL	
2-11-03	REVISED PERMIT BOUNDARY	KJL	

DATE	REVISIONS	BY	KJL
9-3-02	LEASE MODIFICATION U-06039 ADDED 65.7 ACRES	KJL	
8-27-01	LEASE MODIFICATION TO U-06039	KJL	
1-26-99	REVISED DEER CREEK PERMIT BOUNDARY SEC. 20 T.16S., R.7E.	KJL	
9-28-98	REV. INCIDENTAL BOUNDARY CHANGE SEC.20 T.16S., R.7 E.	KJL	
5-14-98	CONVERTED DRAWING TO AUTOCAD, REVISED PERMIT BNDRY. AND ADDED PROPOSED INCIDENTAL BOUNDARY CHANGE SEC. 20 T.16S., R.7.E.	KJL	
7-13-95	REVISED PERMIT BOUNDARY	JRO	
5-20-95	REVISED PERMIT BOUNDARY	KJL	
12-23-93	REVISED INCIDENTAL BOUNDARY CHANGE	PKN	
4-8-93	PROPOSED INCIDENTAL BOUNDARY CHANGE	KRH	
2-17-93	INCIDENTAL BOUNDARY CHANGE SEC. 32 & 33 T.16S., R.7E.	KRH	
2-4-93	INCIDENTAL BOUNDARY CHANGE SEC. 32 & 33 T.16S., R.7E.	KJL	
10-2-90	ADDED WASTE ROCK SITE & REVISED PERMIT BOUNDARY	JRG	
2-8-90	REVISED DEER CREEK MINE PERMIT BOUNDARY	JRG	
12-16-88	REVISED SECTION 17 TO REFLECT SURFACE OWNERSHIP AS OF 10-19-88	KJL	
12-22-86	REVISED SECTIONS 8, 9, 11, & 21 TO REFLECT SURFACE OWNERSHIP AS OF 12-1-86	CBM	
10-23-86	REVISED TO INCLUDE SEC. 31, 32, & 33, T.16S. R.7E., & SEC. 36, T.16S. R.6E. INTO MINE PERMIT AREA	CBM	

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ENERGY WEST MINING COMPANY
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SURFACE OWNERSHIP MAP OF THE DEER CREEK MINE PERMIT AREA

DRAWN BY:	K. LARSEN	CM-10521-DR	
SCALE:	1" =2000'	DRAWING #:	
DATE:	MARCH 31, 2005	SHEET 1 OF 1	REV.