DATE	REVISIONS	BY	CHK
4-4-02	ADDED QUALITATIVE AND QUANTITATIVE DATA FOR 2001	K.K.	
2-27-00	ADDED QUALITATIVE AND QUANTITATIVE DATA	K.K.	
6-14-99	CHANGED BEARING TO M.TODAY	T.D	
3-29-98	REVISED TO REFLECT CURRENT CONDITIONS	K.K.	
2-24-98	REVISED TO REFLECT CURRENT CONDITIONS	K.K.	
5-18-90	CHANGED NOTE EAST MTN. ACCESS ROAD TO EAST MTN. ACCESS TRAIL	K.K.	
2-28-90	REVISED TO REFLECT CURRENT CONDITIONS	K.K.	
1-28-87	ADDED OIL STORAGE SHED & ANTIFREEZE TANK	CBM	
4-4-83	ADDED GASOLINE STORAGE TANK	LJG	

DRAWN BY:	T. DAVIS
SCALE:	1"=100'
DRAWING #:	CM-1038B-DS

ENERGY WEST MINING COMPANY
MOUNTAINVIEW, UTAH 84528

DES-BEE-DOVE SURFACE FACILITIES 2001 VEGETATION MONITORING

DATE: JUNE 14, 1999 SHEET 1 OF 2 REV. —

CAD FILE NAME/DISK#: USERS\ALL\WSMAPS\CM-1038B-DS.DWG

CONTOUR INTERVAL 5'

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 NO. 166651 DATE 4/4/02

LICENSED PROFESSIONAL ENGINEER JOHN CHRISTENSEN No. 166651 STATE OF UTAH

NOTE:
QUALITATIVE AND QUANTITATIVE DATA PROVIDED BY MT. NEBO SCIENTIFIC, INC.

Site Name: PUMPHOUSE (FINAL)
Exposure: N
Date: Year 2001 | SEPT. 10
Slope: 2-14 | N
Animal Use: M | N
Erosion: N | N
Quantitative
Cover: Total Living 24.30 | Litter 7.40 | Bareground 37.20 | Rock 31.30
% Composition: Shrubs 8.15 | Forbs 61.16 | Grasses 30.70 | Density – | Productivity –

LEGEND
——— U.P.&L. CO. PERMIT BOUNDARY LINE
——— FEDERAL COAL LEASE BOUNDARY LINE

NOTE:
QUALITATIVE AND QUANTITATIVE DATA PROVIDED BY MT. NEBO SCIENTIFIC, INC.

Site Name: MATERIAL YARD SLOPE '84
Exposure: SE
Date: Year 1999 | SEPT. 20-24 | 2000 | AUG. 28-SEPT. 2
Slope: 20-28 | 20-28 | 20-28
Animal Use: N | N | N
Erosion: N | N | N
Quantitative
Cover: Total Living – | Litter – | Bareground – | Rock –
% Composition: Shrubs – | Forbs – | Grasses – | Density – | Productivity –
NOT SAMPLED

Site Name: BATH HOUSE SLOPE '84
Exposure: V
Date: Year 1999 | SEPT. 20-24 | 2000 | AUG. 28-SEPT. 2
Slope: 40-45 | 40-45 | 40-45
Animal Use: S | S | S
Erosion: S | S | S
Quantitative
Cover: Total Living – | Litter – | Bareground – | Rock –
% Composition: Shrubs – | Forbs – | Grasses – | Density – | Productivity –
NOT SAMPLED

Site Name: PORTAL ROAD BERM '88
Exposure: SW
Date: Year 1999 | SEPT. 20-24 | 2000 | AUG. 28-SEPT. 2
Slope: 27 | 27 | 27
Animal Use: M | M | M
Erosion: N | N | N
Quantitative
Cover: Total Living – | Litter – | Bareground – | Rock –
% Composition: Shrubs – | Forbs – | Grasses – | Density – | Productivity –
NOT SAMPLED

Site Name: DESERET ROAD BERM '88
Exposure: E
Date: Year 1999 | SEPT. 20-24 | 2000 | AUG. 28-SEPT. 2
Slope: 6-10 | 6-10 | 6-10
Animal Use: N | N | N
Erosion: S | S | S
Quantitative
Cover: Total Living – | Litter – | Bareground – | Rock –
% Composition: Shrubs – | Forbs – | Grasses – | Density – | Productivity –
NOT SAMPLED

Site Name: TIPPLE SLOPE '88
Exposure: V
Date: Year 1999 | SEPT. 20-24 | 2000 | AUG. 28-SEPT. 2
Slope: 40-45 | 40-45 | 40-45
Animal Use: S | S | S
Erosion: S | S | S
Quantitative
Cover: Total Living – | Litter – | Bareground – | Rock –
% Composition: Shrubs – | Forbs – | Grasses – | Density – | Productivity –
NOT SAMPLED

Site Name: BEEHIVE ROAD BERM '88
Exposure: V
Date: Year 1999 | SEPT. 20-24 | 2000 | AUG. 28-SEPT. 2
Slope: 35 | 35 | 35
Animal Use: N | N | N
Erosion: N | N | N
Quantitative
Cover: Total Living – | Litter – | Bareground – | Rock –
% Composition: Shrubs – | Forbs – | Grasses – | Density – | Productivity –
NOT SAMPLED

Site Name: BEEHIVE SUBSTATION SLOPE '88
Exposure: S
Date: Year 1999 | SEPT. 20-24 | 2000 | AUG. 28-SEPT. 2
Slope: 35 | 35 | 35
Animal Use: N | N | N
Erosion: S | S | S
Quantitative
Cover: Total Living – | Litter – | Bareground – | Rock –
% Composition: Shrubs – | Forbs – | Grasses – | Density – | Productivity –
NOT SAMPLED

Site Name: RESEEDED BEEHIVE SLOPE JAN. '97
Exposure: SE
Date: Year 1999 | SEPT. 20-24 | 2000 | AUG. 28-SEPT. 2
Slope: 20-30 | 20-30 | 20-30
Animal Use: N | N | N
Erosion: S | S | S
Quantitative
Cover: Total Living – | Litter – | Bareground – | Rock –
% Composition: Shrubs – | Forbs – | Grasses – | Density – | Productivity –
NOT SAMPLED

Site Name: BEEHIVE YARD SLOPE '88
Exposure: SE
Date: Year 1999 | SEPT. 20-24 | 2000 | AUG. 28-SEPT. 2
Slope: 20-30 | 20-30 | 20-30
Animal Use: N | N | N
Erosion: N | N | N
Quantitative
Cover: Total Living – | Litter – | Bareground – | Rock –
% Composition: Shrubs – | Forbs – | Grasses – | Density – | Productivity –
NOT SAMPLED

Site Name: BATHHOUSE ROAD BERM '88
Exposure: SW
Date: Year 1999 | SEPT. 20-24 | 2000 | AUG. 28-SEPT. 2
Slope: 20 | 20 | 20
Animal Use: N | N | N
Erosion: N | N | N
Quantitative
Cover: Total Living – | Litter – | Bareground – | Rock –
% Composition: Shrubs – | Forbs – | Grasses – | Density – | Productivity –
NOT SAMPLED