Site Name	Exposure	Year	Date	Qualitative: Slope	Qualitative: Animal Use	Qualitative: Erosion	Quantitative Cover: Total Living	Litter	Bareground	Rock	Quantitative % Composition: Shrubs	Forbs	Grasses	Density	Productivity
DEER CANYON '86	E	1999	SEPT. 27-30	15-20°	N	N	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	15-20°	N	N	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	15-20°	N	N	NOT SAMPLED				NOT SAMPLED				
PIPELINE '86	V	1999	SEPT. 27-30	5-30°	N	N	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	5-30°	N	N	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	5-30°	N	N	NOT SAMPLED				NOT SAMPLED				
SED. POND DAM '91	V	1999	SEPT. 27-30	1-25°	N	N	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	1-25°	N	N	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	1-25°	N	N	NOT SAMPLED				NOT SAMPLED				
GATE AREA SLOPE '90	E	1999	SEPT. 27-30	20°	N	S-M	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	20°	N	S-M	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	20°	N	S-M	NOT SAMPLED				NOT SAMPLED				
TEMPORARY SEDIMENT BASIN '91	V	1999	SEPT. 27-30	1-2°	N	N	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	1-2°	N	N	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	1-2°	N	N	NOT SAMPLED				NOT SAMPLED				
ROADSIDE AREAS '90	NE	1999	SEPT. 27-30	5°	N	N	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	5°	N	N	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	5°	N	N	NOT SAMPLED				NOT SAMPLED				
RIPARIAN '91	V	1999	SEPT. 27-30	1-5°	N	N	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	1-5°	N	N	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	1-5°	N	N	NOT SAMPLED				NOT SAMPLED				
DRAIN FIELD '97	N	1999	SEPT. 27-30	2-3°	S	N	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	2-3°	S	N	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	2-3°	S	N	NOT SAMPLED				NOT SAMPLED				
RIPARIAN REFERENCE AREA	V	1999	SEPT. 27-30	2-3°	E	N	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	2-3°	E	N	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	2-3°	E	N	NOT SAMPLED				NOT SAMPLED				
FAN ROAD SLOPES '89	V	1999	SEPT. 27-30	V	N	N	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	V	N	N	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	V	N	N	NOT SAMPLED				NOT SAMPLED				
REFUSE PILE & BERM '88	NE	1999	SEPT. 27-30	27°	N	S-M	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	27°	N	N-S	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	27°	N	N-S	NOT SAMPLED				NOT SAMPLED				
WATER PLANT SLOPE '88	NE	1999	SEPT. 27-30	38°	N	S	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	38°	N	S	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	38°	N	S	NOT SAMPLED				NOT SAMPLED				
C2 CONVEYOR '93 (IU 132-190)	E	1999	SEPT. 27-30	8°	N	S-M	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	8°	N	N-M	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	8°	N	N-M	NOT SAMPLED				NOT SAMPLED				
ROCK SLIDE & BERM '88	W	1999	SEPT. 27-30	53°+	N	S	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	53°+	N	S	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	53°+	N	S	NOT SAMPLED				NOT SAMPLED				
MIXED CONIFER REFERENCE AREA	WSW	1999	SEPT. 27-30	15-25°	M	N	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	15-25°	M	N	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	15-25°	M	N	NOT SAMPLED				NOT SAMPLED				
PINYON JUNIPER REFERENCE AREA	E	1999	SEPT. 27-30	28°	M	N	-	-	-	-	-	-	-	-	-
		2000	AUG. 28-SEPT. 3	28°	M	N	NOT SAMPLED				NOT SAMPLED				
		2001	AUG. 19-AUG. 23	28°	M	N	NOT SAMPLED				NOT SAMPLED				

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

ASCA LEGEND

1. SEDIMENT POND AND C1 CONVEYOR
2. POWDER MAGAZINE
3. ALONG ROAD
4. ALONG ROAD
5. C1/C2 TRANSFER
6. C2 CONVEYOR
7. LEACH FIELD
8. C2 CONVEYOR
9. C2 CONVEYOR

LEGEND

- U.P. & L. CO. PERMIT BOUNDARY
- U.S. NATIONAL FOREST SERVICE BOUNDARY
- SURFACE OWNERSHIP BOUNDARY

4-4-02	ADDED QUALITATIVE AND QUANTITATIVE DATA FOR 2001	K/L
2-10-93	ADDED EQUIPMENT STORAGE AREA NOTATION	K/L
10-4-90	ADDED POWDER AND PRIMER MAGAZINES	K/L
1-10-90	ADDED ASCA AREAS 1-9 AND ASCA LEGEND	K/L

CAD FILE NAME/DISK#: USERS\K/L\VEGMAPS\DCVEGMAP.DWG

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

DEER CREEK COAL MINE
HUNTINGTON POND TO DEER CREEK MINE
2000 VEGETATION MONITORING

DRAWN BY: K. ADETTA & K/L
SCALE: 1"=200'
DRAWING #: CM-10673-DR

LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 165651
4/10/02
STATE OF UTAH