Site Name: DEER CANYON '86 — Exposure: E

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 15–20° | N | N | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 15–20° | N | N | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: TEMPORARY SEDIMENT BASIN '91 — Exposure: V

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 1–2° | N | N | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 1–2° | N | N | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: RIPARIAN REFERENCE AREA — Exposure: V

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 2–3° | E | N | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 2–3° | E | N | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: C2 CONVEYOR '93 (IU 132-190) — Exposure: E

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 8° | N | S–M | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 8° | N | N–M | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: PIPELINE '86 — Exposure: V

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 5–30° | N | N | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 5–30° | N | N | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: ROADSIDE AREAS '90 — Exposure: NE

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 5° | N | N | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 5° | N | N | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: FAN ROAD SLOPES '89 — Exposure: V

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | V | N | N | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | V | N | N | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: ROCK SLIDE & BERM '88 — Exposure: W

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 53°+ | N | N | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 53°+ | N | S | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: SED. POND DAM '91 — Exposure: V

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 1–25° | N | N | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 1–25° | N | N | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: RIPARIAN '91 — Exposure: V

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 1–5° | N | N | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 1–5° | N | N | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: REFUSE PILE & BERM '88 — Exposure: NE

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 27° | N | S–M | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 27° | N | N–S | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: MIXED CONIFER REFERENCE AREA — Exposure: WSW

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 15–25° | M | N | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 15–25° | M | N | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: GATE AREA SLOPE '90 — Exposure: E

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 20° | N | S–M | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 20° | N | S–M | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: DRAIN FIELD '97 — Exposure: N

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 2–3° | S | N | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 2–3° | S | N | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: WATER PLANT SLOPE '88 — Exposure: NE

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 38° | N | S | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 38° | N | S | NOT SAMPLED | | | | NOT SAMPLED | | | | |

Site Name: PINYON JUNIPER REFERENCE AREA — Exposure: E

| Year | Date | Slope | Animal Use | Erosion | Total Living | Litter | Bareground | Rock | Shrubs | Forbs | Grasses | Density | Productivity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 | SEPT. 27–30 | 28° | M | N | – | – | – | – | – | – | – | – | – |
| 2000 | AUG. 28–SEPT. 3 | 28° | M | N | NOT SAMPLED | | | | NOT SAMPLED | | | | |

(Qualitative: Slope, Animal Use, Erosion; Quantitative: Cover — Total Living, Litter, Bareground, Rock; % Composition — Shrubs, Forbs, Grasses, Density, Productivity)

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

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

| Date | Revision | By |
|---|---|---|
| 2-10-93 | ADDED EQUIPMENT STOARGE AREA NOTATION | KJL |
| 10-4-90 | ADDED POWDER AND PRIMER MAGAZINES | KJL |
| 1-10-90 | ADDED ASCA AREAS 1-9 AND ASCA LEGEND | KJL |

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

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

DRAWN BY: K. ABEYTA & KJL
SCALE: 1" =200'
DRAWING #: CM-10673-DR