N 389,000 N 390,000 N 391,000 N 392,000 N 393,000 N 394,000 N 395,000

E 2,113,000 E 2,114,000 E 2,115,000 E 2,116,000 E 2,117,000

AU-1 AU-1A AU-1B AU-1C AU-2 AU-2A AU-2B AU-3 AU-3A AU-4 AU-4A AU-5 AU-6 AU-7 AU-8 AU-9 AU-10 AU-12 AU-13 AU-14 AU-15 AU-16 AU-17 AU-18 AU-43

AD-1A AD-1B AD-2 AD-3 AD-5

C-1U C-2U C-3U C-4U C-5U C-6U C-7U C-8U C-9U C-10U C-11U C-12U C-13U C-14U

C-1D C-2D C-3D C-4D C-5D C-6D C-7D C-8D C-9D C-10D

D-1U D-2U D-3U D-4U D-5U D-6U D-7U D-8U D-9U D-10U D-11U D-12U D-13U D-14U D-15U D-16U D-17U D-18U D-19U D-20U D-21U

D-1D D-2D D-3D D-4D D-5D D-6D D-7D D-8D D-9D D-10D D-11D D-12D

MATCH LINE A-A

* AD-1 indicates drainage areas that are diverted through sediment ponds or alternate approved sediment control structures.

AU-1 indicates drainage areas that are diverted by ditch and/or culvert to off-site with limited or no sediment control.

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FEB 15 2011
DIV. OF OIL, GAS & MINING

ENGINEER'S CERTIFICATION

I hereby certify that this drawing was revised by me or under my direct supervision and that all of the information presented on this drawing is true and correct to the best of my knowledge and belief.

James E. Stover
Utah P.E. 5160041-2202

2/8/11
Date

| REV. | DATE | REMARKS | APPR. |
|---|---|---|---|
| 2 | 12-02-95 | Dist. Boundary Modified/Coal Recovery Bin Removed (95N) | 12-18-95 |
| 3 | 6-06-95 | Dist. Boundary Mod. For BTCA Area "V" (95I) | 1-08-96 |
| 4 | 2-23-96 | Plate Updated With Tank Seam/Bathhouse As-Built (96A) | 7-05-96 |
| 5 | 7-22-96 | D-8D Water Bar Concrete Crossing Added (96C) | 9-04-96 |
| 6 | 3-18-98 | Lower Culvert C-2D Removed | 4-15-98 |
| 7 | 6-25-01 | Wild Horse Ridge Disturbance Added (SR98-1) | 7-03-01 |
| 8 | 11-04-01 | Corrrected dst bndry and permit bndry (AM01A) | 11-13-01 |
| 9 | 8/01/02 | Digitized Map | 1-15-04 |
| 10 | 1/16/07 | Loadout Expansion | 8-07-07 |
| 11 | 12/14/10 | NOV 10068, D8-D Revision, Valve Box Addition, haul road color | 1-25-11 |

LEGEND

UNPAVED ROADS
DISTURBED AREA
DRAINAGE D-1D
DISTURBED AREA DRAINAGE AD-1 *
SECTION LINE
CONTOUR LINE 7350
UNDISTURBED AREA DRAINAGE AU-1 *
PERMIT BOUNDARY
CULVERT C-1D

SCALE 1"= 200'
200' 100' 0 200' 400' 600'
CONTOUR INTERVAL 5'
PHOTOGRAPHY DATE OCT. 30, 1990

REFER TO PLATES 7-1 FOR WATERSHEDS CONTRIBUTING TO SEDIMENTATION PONDS

SEE PLATES 2-4 FOR SURFACE FACILITIES

CASTLE VALLEY MINING, LLC

# WATERSHED MAP

| SCALE: | DRAWN BY: | DATE: |
|---|---|---|
| 1"= 200' | C. Reynolds | 5/06/91 |

BEAR CANYON PLATE 7-5