E 2,093,500
E 2,094,000
E 2,094,500
N 410,500
N 410,500
WSUD-1
WSUD-2
WSUD-3
WSDD-1
WSDD-2
WSDD-3
WSDD-4
WSDD-5
WSDD-7
WSDD-8
WSDD-10
WSDD-11
WSDD-12
WSDD-13
WSDD-14
UNDISTURBED AREA 30 ACRES
UNDISTURBED AREA 8 ACRES
NATURAL ROCK DRAINAGE
1/4 CORNER
FOREST SERVICE TRAILHEAD PARKING AREA
FLUME
TRASH RACK
U.S.F.S.
GENWAL FEE
MINE OPERATION AREA (UPPER PAD)
Access Ramp
Fan Pad
Pocket Cut
LOWER PAD
MAIN CULVERT 12" DIA.
MINE WATER DISCHARGE 12" WATERLINE
STORAGE AREA
MINE WATER DISCHARGE 12" WATERLINE (BURIED)
De-Commissioned
12" PIPE UPDES DISCHARGE #002
MINE WATER DISCHARGE
16" RISER
WashDown Pipe
SEDIMENT POND
EMERGENCY SPILLWAY
UPDES DISCHARGE POINT
PRINCIPAL SPILLWAY WITH TRASH RACK AND SKIMMER
RIP RAP OUTLET & ENERGY DISSIPATOR
RIP-RAPPED INLET
C-1
C-3
C-4
C-5
C-6
C-7
C-9
C-11
C-11 A
C-12
C-13
C-14 (Slotted Culvert)
C-15 (Slotted Culvert)
C-16
C-17
DD-1
DD-3
DD-4
DD-5
DD-7
DD-8
DD-11
DD-12
DD-13
UD-1
UD-2
UD-3
X-mas
Scruff
Forked
Burnt
Ponderosa
1st Pine West
2nd Pine West

## LEGEND:

- POTENTIAL EXTENT OF DISTURBANCE
- 10' CONTOUR
- JERSEY BARRIERS
- WATERSHED BOUNDARY
- UNDISTURBED/DISTURBED WATERSHED — WSUD-1 WSDD-10
- DIVERSION DITCH — DD-4
- CULVERT (Solid-Above Grd/Dashed-Buried) — C-8
- 6' DIAMETER CULVERT

N

25' 0' 50' 100'

CONTOUR INTERVAL = 10'

NOTE:

1) CROSS-SECTIONS ARE LOCATED ON PLATE 7-5A.

RECEIVED
APR 0 7 2003
DIV. OF OIL, GAS & MINING

UTAH REGISTERED #154168 DAN W. GUY 4/4/03 PROFESSIONAL ENGINEER

INCORPORATED
APR 0 2 2003
DIV OF OIL GAS & MIN

| <REVISIONS> | |
|---|---|
| 03/26/97 | B.M. |
| 05/16/97 | B.M. |
| 07/16/97 | J.S. |
| 08/14/97 | J.S. |
| 08/27/98 | B.M. |
| 10/27/98 | J.S. |
| 03/07/01 | G.E.G. |
| 11/21/02 | J.K.S. |

GENWAL RESOURCES, INC.

P.O. Box 1420 195 North 100 West Huntington, Utah
Telephone (435) 687-9813

# CRANDALL CANYON MINE DRAINAGE MAP

| | | | |
|---|---|---|---|
| DRAWN BY: | | ACAD REF: | 7-5 |
| DATE: | 10/27/98 | PLATE #: | 7-5 |
| SCALE: | 1" = 50' | | |