E 2,093,500

E 2,094,000

UNDERGROUND WORKINGS

E 2,094,500

SEDIMENT POND
SPECIAL USE
PERMIT AREA

N 410,500

1/4 CORNER

1390.06'
N 88°06'20.35" E

N 02°38' E

USFS

GENWAL FEE

HIGHWALL

PORTAL ACCESS ROAD (PAVED)

UNDISTURBED AREA

EXISTING 42" CMP

FOREST SERVICE
TRAILHEAD PARKING AREA

TRAILHEAD

MINE OPERATION AREA

Material Storage Area

PAVED ROAD

TRUCK TURN AROUND

TANK

CONCRETE GUARD RAIL

CONCRETE PAD

CONCRETE GUARD RAIL

BELT TRANSFER

TAN TRANSFORMER

PAD AREA

STORAGE AREA

8' HIGH RETAINING WALL

STACK TUBE CONVEYOR (48")

CONCRETE BARRICADE

RAMP

LOADOUT CONVEYOR

COAL STORAGE AREA

TRUCK LOADOUT

MAIN CULVERT (72" DIA.)

STACKING TUBE (85')

RECLAIM TUNNEL (12' MULIPLATE)

RECLAIM VAULT (2 ea. DRAW-DOWN PORTS)

ESCAPE-WAY

FUEL TANK

MCC BUILDING

RECLAIM CONVEYOR

Transformer

CRUSHER BUILDING

RIP-RAPPED INLET

NATURAL ROCK DRAINAGE

EXISTING GABION WALL

EMERGENCY SPILLWAY

18" PIPE
NPDES DISCHARGE #001

PRINCIPAL SPILLWAY WITH TRASH RACK AND SKIMMER

RIP RAP OUTLET & ENERGY DISSIPATOR

EXISTING RISER DECANT WITH TRASH RACK AND SKIMMER

POND BOTTOM
ELEV. 7768

SEDIMENT POND

8' HILFIKER WALL

POND EMBANKMENT
ELEV. 7787

FLUME

CULVERT INLET

TRASH RACK

RIP-RAP

CAP STORAGE

POWDER STORAGE

MCC BUILDING

FAN

Ponderosa

Burnt

Forked

Scruff

X-mas

1st Pine West

2nd Pine West

UNDERGROUND WORKINGS

RECEIVED
NOV 15 2004
DIV. OF OIL, GAS & MINING

UTAH REGISTERED
11-8-04
#191488
JOHN CHRISTOPHER ADAMS
PROFESSIONAL ENGINEER

LEGEND:

- SEDIMENT POND SPECIAL USE PERMIT AREA
- POTENTIAL EXTENT OF DISTURBANCE
- 10' CONTOUR
- JERSEY BARRIERS
- RE-ESTABLISHED USFS ROAD (DOUBLE-LANE)
- SAFETY BARRIERS

FACILITY LEGEND:

1. Shop
2. Ventilation Fans
3. Rockdust Silo
4. Concrete Dumpster Pad
5. Power Center
6. Power Pole
7. Offices & Bathhouse (u'grd)
8. Intake Portal
9. Belt Portal
11. Mine Belt
15. Oil Storage
20. Visual Disconnect
21. New Warehouse and Office Building
22. 4500 Gallon Culinary Water Tank
23. Shotcrete
25. Parts Shed
26. Portable Shed

N

25' 0' 50' 100'

<REVISIONS>

07/01/99	G.E.G.
08/26/99	J.C.L.
11/18/02	J.K.S.
05/20/04	J.D.S
11/05/04	J.D.S

GENWAL
RESOURCES, INC.
P.O. Box 1077 Price, UT
Telephone (435) 888-4000

CRANDALL CANYON MINE
SURFACE FACILITY MAP

DRAWN BY:	JDS	ACAD REF:	5-3
DATE:	11/05/04	PLATE #:	5-3
SCALE:	1" = 50'		