2010 Production Area
2011 Production Area
2012 Production Area
2013 Production Area
2014 Production Area
Lease Boundary
Permit Area
Projected Subsidence
Current Subsidence Point
Proposed Subsidence Point
Seam Iso-Pac
Depth of Cover
Surface Drill Hole
Underground Drill Hole

NOTE:
1. LONGWALL PANEL GEOMETRY MAY BE INFLUENCED BY GEOLOGIC ANOMALIES WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO COAL THICKNESS, COAL QUALITY, AND MINING CONDITIONS.
2. NO SECOND MINING UNDER LITTLE BEAR DRAINAGE CHANNEL AS PER LEASE STIPULATION.

CRANDALL CANYON #1 MINE
(HIAWATHA SEAM WORKINGS)

SOUTH CRANDALL CANYON MINE
(HIAWATHA SEAM PROJECTED WORKINGS)

TRESPASS AREA SUMMARY

Coal recovery in this area is speculative and will depend upon coal seam thickness, geology, quality and economics.

There will be no subsidence in this area where overburden is less than 300' based on field surveys.

Mine projections depicted in the fringe areas beyond the SMCRA permit area are speculative and based on future reserve acquisitions.
No mining will be conducted in these areas unless those reserves are acquired in the future and permitted according to federal, state, and local permitting requirements.
Genwal Resources acknowledges that permission to mine within the permit boundary does not imply permission to mine beyond the permit boundary in the future.

I hereby certify that the design and/or map contained herein was prepared by me or under my supervision and is true and correct to the best of my knowledge.

INCORPORATED
EFFECTIVE:
APR 15 2005
UTAH DIVISION OIL, GAS AND MINING
PRICE FIELD OFFICE

GENWAL RESOURCES, INC.

P.O. Box 1077 794 North "C" Canyon Road, Price, Utah
Telephone (435) 888-4000

CRANDALL CANYON #1 MINE AND SOUTH CRANDALL MINE MINE PLAN

REV: 7	ACAD REF: R2P2 SOCRAN
DATE: 02/22/05	BY: JDS
SCALE: 1"=600'	PLATE #: 5-2 (H)