R 8 E

COAL: UC 8 C LEASE
U.S. LEASE SL 063011
SURFACE: STATE of UTAH

COAL: UC 8 C FEE-LEASE
SURFACE: FEE-LEASE

OLD CASTLEGATE "A" SEAM PORTAL

OLD COAL SPOIL SLOPE

PROJECTED CASTLEGATE "A" SEAM OUTCROP

UMC-4 (Sw7803.7.9) (Lease)

FIA

HIG
Sanchert

Curecanti

GIG

BRYCAN
JTB

PIT 4
WINSTEL

FIA

HARSTEL
WINSTEL
PIT 1
PIT 2

EXISTING DRILL ROAD

GIG
Curecanti

MUCH OF AREA COVERED BY COAL WASTE FROM OLD WORKINGS

JBS

PIT
BRYCAN

GIG
Curecanti

OLD COURT PLUGGED AND BURIED 1ST GRAVEL ROAD NEW CANYON BELOW POSSIBLE

DM

GIG
Curecanti

OLD CONCRETE GARAGES

FOUNDATION (Ruins)

OLD BUILDINGS (Ruins)

GIG
Curecanti

OLD HAULAGE GRADE

B

OLD PADDOCK

OLD COAL PIT

GIG
Curecanti

DM

SEDIMENT POND

OLD PONTAL BLUE BLAZE NO 2 MINE (Hiawatha Seam)

A

PRIVATE ROADS

TOP SOIL STORAGE AREA

DM

GIG
Curecanti

GIG
Curecanti

OLD ABANDONED HOUSE

R 9 E

EXPLANATION

A — A LINE OF PROFILE

PIT5 SOIL SAMPLE LOCATION

PHOTOGRAPH NUMBER — APPROXIMATE PHOTO LOCATION

GENERAL DIRECTION OF VIEW

LEGEND

DRILL HOLE LOCATION

ALLUVIAL AREA BEHIND ROCK EMBANKMENT

PROPOSED MRM DISTURBANCE

PERFORMANCE BOND AREA

From SCS Soil Survey:

- F-A — 0 to 2% slopes
- GIG — Very bouldery loam, 55-65% slopes
- HIG — Silt loam, 50-70% slopes
- JTB — 4-6% slopes
- DM — Mine Dumps

EXISTING AREA OF SEVERE PRIOR AUGUST 3, 1977 DISTURBANCE

FILE COPY

SCALE

CONTOUR INTERVAL 10'
WITH 5' SUPPLEMENTAL CONTOURS IN SOME AREAS

N

RECEIVED
DEC 0 6 1991
DIVISION OF OIL, GAS & MINING

RECEIVED
MAY 2 1990
DIV. OF OIL, GAS & MINING

PLATE 8-1

BLUE BLAZE COAL CO.

SOILS MAP

Carbon County, Utah

Drawn By: SANDERS EXPLORATION LTD. (Oct. June, 1981)

Approved By: DTS Date:

PATRICK D. COLLINS
290 EAST 1230 NORTH
SPRINGVILLE, UTAH 84663 (801) 489-6377

Drawing No. 3079-4

TOPOGRAPHY TAKEN FROM SNOWBIRD COAL CO. MAPS WHERE INTERVAL IS TWENTY FEET AND FIVE FOOT CONTOURS TAKEN FROM TOPOGRAPHIC MAPPING DONE BY BRUCE TS BONE REGISTERED LAND SURVEYOR NO 4502

T 13 S