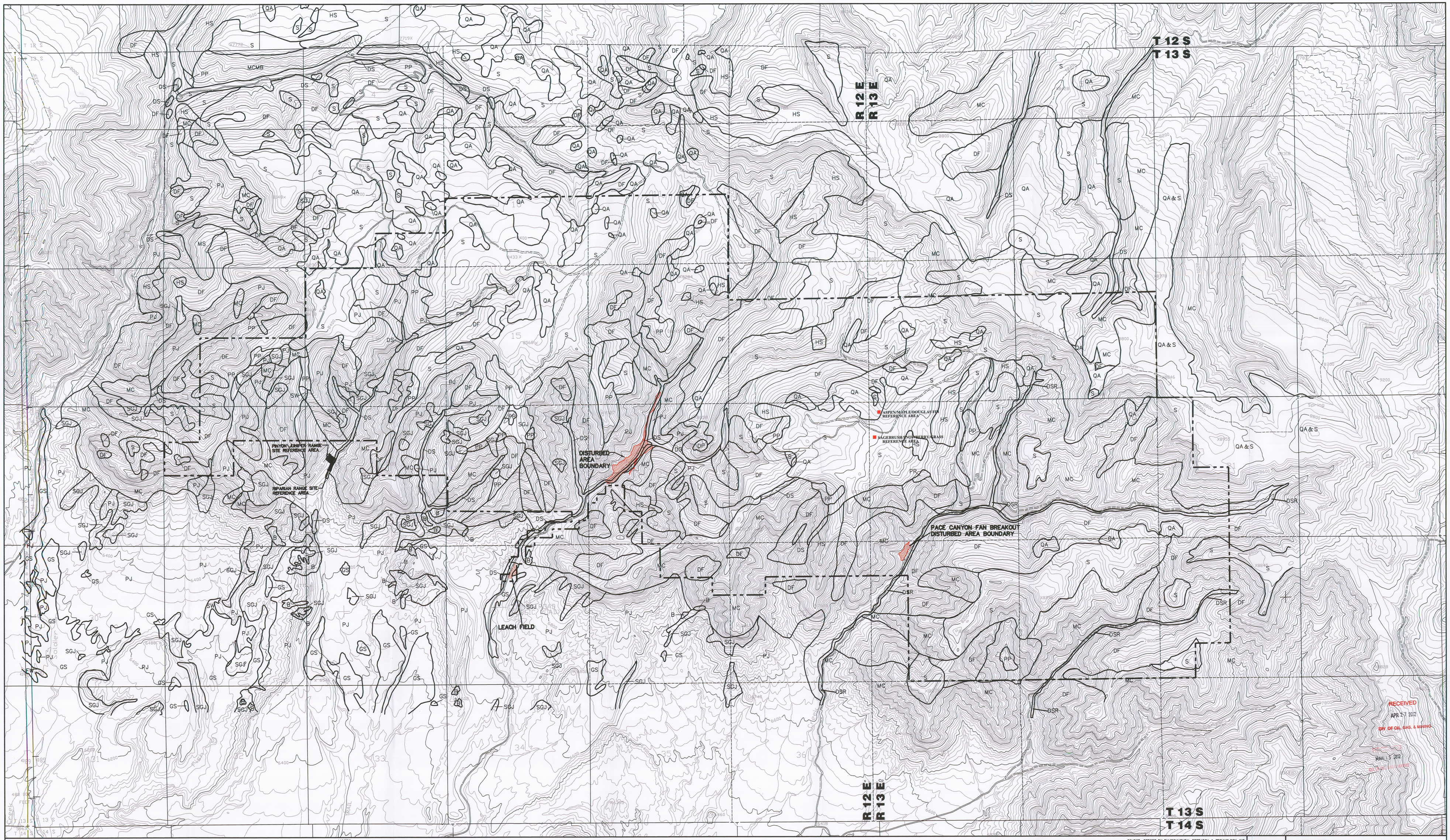

LEGEND

B	BARREN GROUND	PJ	PINION JUNIPER	PERMIT AREA BOUNDARY
DF	DOUGLAS FIR	PP	PONDEROSA PINE	
DS	DECIDUOUS STREAMBANK	QA	QUAKING ASPEN	
FW	FARMLAND WEEDS	RG	RUSH GRASS	
GS	GREASEWOOD–SAGEBRUSH	S	SAGEBRUSH	
HS	HIGH SHRUBS	SCW	SALT CEDAR–WILLOW	
MC	MIXED CONIFER	SGJ	SHRUB–GRASS–JUNIPER	
MCMB	MIXED CONIFER–MOUNTAIN BRUSH	DSR	DECIDUOUS STREAM BANK VEGETATION AND LIMITED RIPARIAN VEGETATION	

NOTES:

1. SOME MAPPED VEGETATION UNITS INCLUDE SMALL SCATTERED AREAS OF VEGETATION OTHER THAN THAT FOR WHICH THE VEGETATION UNIT IS LABELED. "THE SOILS IN ANY ONE MAP UNIT DIFFER FROM PLACE TO PLACE IN SLOPE, DEPTH, DRAINAGE, AND OTHER CHARACTERISTICS THAT AFFECT MANAGEMENT. THE GENERAL MAP UNITS IN THIS SURVEY HAVE BEEN GROUPED INTO GENERAL KINDS OF LANDSCAPE FOR BROAD INTERPRETIVE PURPOSES." © PAGE 5.
2. THE VEGETATION COMMUNITY UNIT MAPPING ON THIS PLATE IS OF LESSER INTENSITY THAN THAT OF PLATE 3–1A. PERCEIVED DIFFERENCES BETWEEN THIS PLATE AND PLATE 3–1A ARE ATTRIBUTED TO THE LEVEL OF SAMPLING AND SCALE DIFFERENCE BETWEEN THE PLATES.
3. AREAS OF VEGETATION ADJACENT TO THE DISTURBED AREA BOUNDARY WERE GROUND TRUTHED IN 1998.
4. "MOST INCLUDED SOILS HAVE PROPERTIES SIMILAR TO THOSE OF THE DOMINANT SOIL OR SOILS IN THE MAP UNIT, AND THUS THEY DO NOT AFFECT USE AND MANAGEMENT. THESE ARE CALLED NONCONTRASTING, OR SIMILAR, INCLUSIONS. THEY MAY OR MAY NOT BE MENTIONED IN THE MAP UNIT DESCRIPTION. OTHER INCLUDED SOILS AND MISCELLANEOUS AREAS, HOWEVER, HAVE PROPERTIES AND BEHAVIOR DIVERGENT ENOUGH TO AFFECT USE OR TO REQUIRE DIFFERENT MANAGEMENT. THESE ARE CALLED CONTRASTING, OR DISSIMILAR, INCLUSIONS. THEY GENERALLY ARE IN SMALL AREAS AND COULD NOT BE MAPPED SEPARATELY BECAUSE OF THE SCALE USED." © PAGE 13.
5. SEE REFUSE PILE DOCUMENT FOR VEGETATION TYPES AND REFERENCE AREA LOCATION.
6. REFER TO REFUSE PILE AMENDMENT AND METHANE DEGASSIFICATION AMENDMENT FOR SPECIFIC INFORMATION PERTANINO TO THEIR AREAS.
7. ADDITIONAL VEGETATION REFERENCE AREAS SHOWN ON PLATE 3–1E.

File in:
☐ Confidential
☐ Shallow
☐ Expandable
Date Entered 04/27/2012 00700059
OOGR Intermediate

SOURCE: REPORT BY ENVIRONMENTAL RESEARCH & TECHNOLOGY, INC
DR. STEVEN RICHARDSON, 1980
AERIAL PHOTOGRAPHS, SOIL SURVEY OF CARBON AREA, UTAH

REGISTERED PROFESSIONAL ENGINEER No. 151810 DAVID G. SPILLMAN STATE OF UTAH

0' 1000'

REVISION	
DATE	BY
6/12/01	JCB
12/17/03	RR
01/28/07	JKS
10/10/07	JJP
02/21/08	VSM/DHF
03/06/12	JKS

Canyon Fuel Company, LLC
Soldier Canyon & Dugout Canyon Mines

VEGETATION

Dugout Canyon Mine

DRAWN BY: JJP	DATE: JULY 19, 1999	SCALE: 1" = 1000'	
APPROVED BY:	FILE NAME: V:\DGM\3_Working Files\Dugout\Sitio\Plate 3-1.dwg	DRAWING OR MAP NUMBER	PLATE 3–1