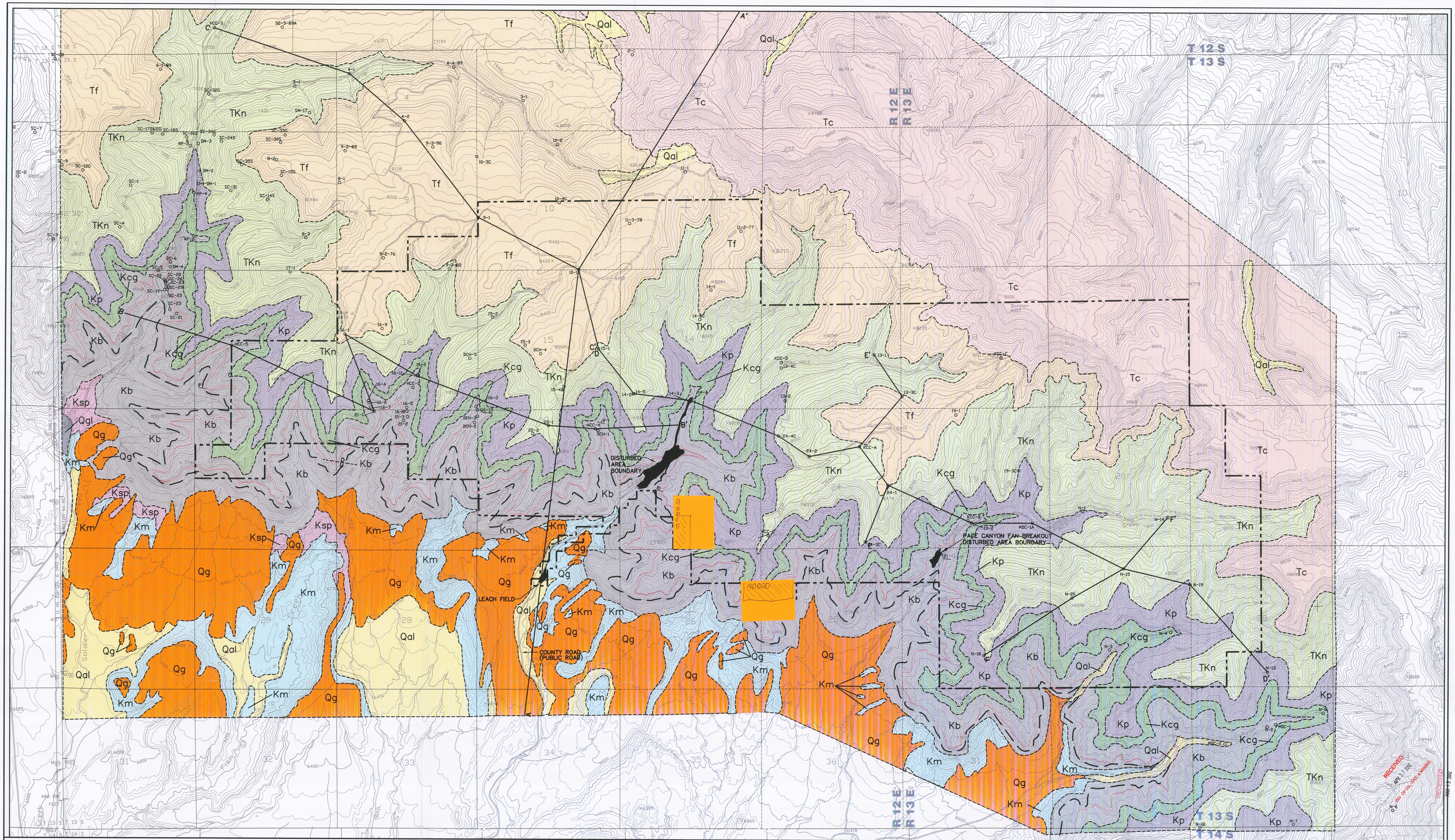

NOTES:

1. REFER TO REFUSE PILE AMENDMENT AND METHANE DEGASSIFICATION AMENDMENT FOR INFORMATION PERTAINING TO THEIR AREAS.
2. SEE FIGURE 6-1 FOR A-A' CROSS SECTION.
3. SEE PLATE 6-3 FOR B-B' AND C-C' CROSS SECTIONS.
4. SEE PLATE 6-3A FOR D-D' CROSS SECTION.
5. SEE PLATE 6-3B FOR E-E' AND F-F' CROSS SECTIONS.

LEGEND

PERMIT AREA BOUNDARY

STRIKE AND DIP

DRILL HOLE LOCATION

APPROXIMATE LOCATION OF THE ROCK CANYON COAL SEAM

NORMAL FAULT, DASHED WHERE INFERRED. U, UPTHROWN SIDE D, DOWNTHROWN SIDE

APPROXIMATE LOCATION OF THE TOP OF THE KENILWORTH SANDSTONE MEMBER OF THE BLACKHAWK FORMATION

QUATERNARY

Qal ALLUVIUM
Qg PEDIMENT GRAVELS
Qgl GRAVELS

TERTIARY

Tc COLTON FORMATION
Tf FLAGSTAFF FORMATION

CRETACEOUS

Kp PRICE RIVER FORMATION
Kcg CASTLEGATE SANDSTONE
Kb BLACKHAWK FORMATION
Ksp STAR POINT SANDSTONE
Km MANCOS SHALE

TERTIARY–CRETACEOUS

TKn NORTH HORN FORMATION

GEOLOGIC MAP BASED ON ANDERSON (1983) & INTRASEARCH (1998).

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Date Fulfilled: 4/23/12 C0070039
0002 Incoming

REGISTERED PROFESSIONAL ENGINEER No. 150610 DAVID G. SPILLMAN 3/8/12 STATE OF UTAH

0' 1000'

REVISION	
DATE	BY
12/29/03	RR
01/26/07	JKS
10/07/07	SC
02/21/08	VSM/SWF
03/06/12	JKS

Canyon Fuel Company, LLC
Soldier Canyon & Dugout Canyon Mines

GEOLOGY OF DUGOUT CANYON MINE PERMIT AREA

Dugout Canyon Mine

DRAWN BY: JLP	DATE: MAY 7, 1999	D-444.PCP	SCALE: 1" = 1000'
APPROVED BY: MWS	FILE NAME: K:\DOGM\Working Files\Dugout\Sitin\Plate 6-1.dwg		DRAWING OR MAP NUMBER: PLATE 6-1