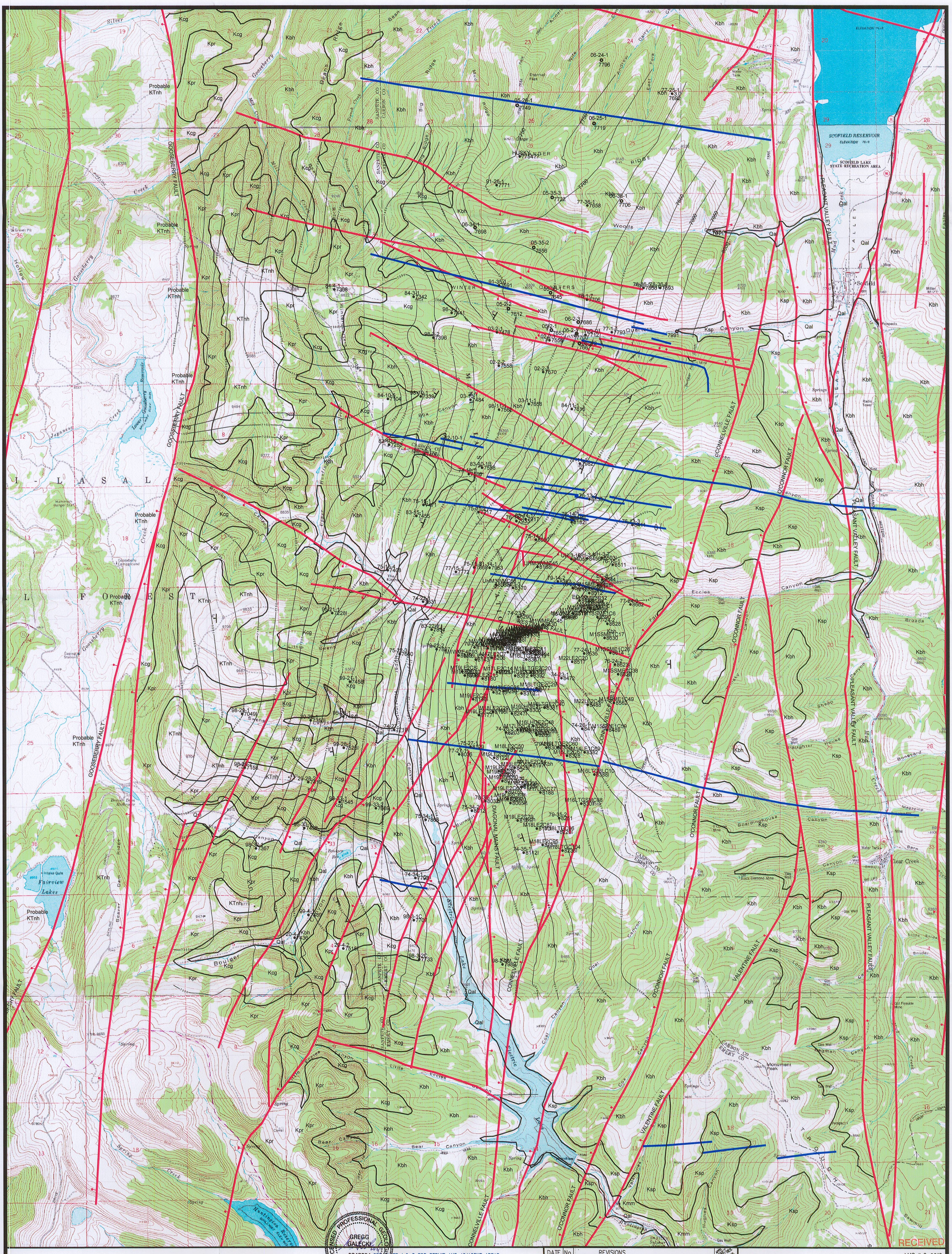

Sources:
Knowles, S.P., 1996, Interim Geologic Map of the Scofield Quadrangle, Carbon, Emery, and Sanpete Counties, Utah, Open-File Report 341, Utah Geological Survey.
Doelling, H.H., 1972, Central Utah Coal Fields: Sevier-Sanpete, Wasatch Plateau, Book Cliffs and Emery, Monograph Series No. 3, Utah Geological and Mineral Survey, p. 76, 219, 235.
Bunnell, M.D., 2002, Personal mapping notes and mine map archives at Skyline Mine.

Note:
The Star Point Sandstone in this area consists of numerous tongues of sandstone that intertongue with the lower portion of the Blackhawk Fm. and upper portion of the Masuk mbr. of the Mancos Shale.

TKnh North Horn Formation
Kpr Price River Formation
Kbh Blackhawk Formation
Ksp Star Point Sandstone (Formation)
Kmm Mancos Shale (Masuk Member)
Qal Quaternary Alluvium

LICENSED PROFESSIONAL GEOLOGIST
GREGG GALECKY
5248584
8/26/10
STATE OF UTAH

SEE PLATE 1.6-3 FOR PERMIT AND ADJACENT AREAS

FAULT
IGNEOUS DIKE
Kbh FORMATION CONTACT

N

1000' 0' 1000' 2000' 3000'

DATE	No.	REVISIONS	APP. COND.	REC. PR.
06/07	1	Incidental Boundary Changes/minor geologic updates	BR	
10/07	2	Added degree of dip	RVS	GAG
12/09	3	Modified Permit Boundary	AB	GAG
07/10	4	REMOVED PERMIT BOUNARY, ADDED LOCATION NOTE	JJ	GAG

GENERAL GEOLOGIC MAP OF PERMIT AREA

Canyon Fuel Company, LLC
Skyline Mines
HC35 BOX 380, HELPER, UTAH 84526
435-448-6463

SCALE: 1"=2000'	DATE: 11/08/02	CK.BY: M. BUNNELL	REVISION: 4
DWG. NO.: 2.2.1-1		DR.BY: M. BUNNELL	07/20/2010
CAD FILE: 2.2.1-1REV.4			