Base of Book Cliffs

Big Rock

A
A'
B
B'
C
C'
D
D'
E
E'

3 PONDS

POND

DISPOSAL CELL FOOTPRINT

TRAILER STAGING AREA

SITE ACCESS ROAD

PROPOSED RAIL SPUR

WEST BRANCH OF KENDALL WASH

EAST BRANCH OF KENDALL WASH

Union Pacific Railroad

Old U.S. Highway 50

Crescent Wash

TIDEWATER OIL AND GAS COMPANY
FEDERAL MSC 26-1
(shut-in oil and gas test well, drilled in 2004)

TIDEWATER OIL AND GAS COMPANY
STATE MSC 35-1
(shut-in oil and gas test well, drilled in 2004-2005)

CRESCENT OIL SYNDICATE NO.1
(plugged and abandoned oil test
well, drilled in early 1920s)

Explanation

Quaternary	Qsw	Sheet Wash Path	
	Ql	Litter from Book Cliffs that Mantles Alluvial Mud and Mancos Shale	
	Qpml	Pediment-Mantling Litter	
	Qam	Alluvial Mud	
	Qsa	Sandy Alluvium from Crescent Wash System	
Late Cretaceous	Kmsu	Shale and Siltstone	Blue Gate Member, upper part, of Mancos Shale
	Kmcon	Dolomitic Siltstone Concretion	Facies of Prairie Canyon Member of Mancos Shale
	Kmfess	Rusty Brown, Burrowed Sandstone	
	Kmss	Tan, Burrowed Sandstone	
	Kmsl	Shale and Siltstone	Blue Gate Member, lower part, of Mancos Shale

- 0210 — Corehole and Number
- 0211 — Cored Packer Test Hole and Number
- 0075 — Geotechnical Hole and Number
- 0151 — Test Pit and Number
- Strike and Dip of Bedding
- Strike of Vertical Joint
- 22/27 23/26 — Section Line/Corner and Section Numbers
- Access Road
- E 0050 0212 E' — Line of Geologic Cross Section (Shown in Plate 2)
- Approximate Subcrop of Top of Prairie Canyon Member
- Approximate Subcrop of Base of Prairie Canyon Member

N

SCALE IN FEET
400 200 0 400 800 1200
CONTOUR INTERVAL = 2 FEET

PLATE 1

U.S. DEPARTMENT OF ENERGY GRAND JUNCTION, COLORADO	Work Performed by S.M. Stoller Corporation Under DOE Contract No. DE-AC01-02GJ79491
Geologic Map of Bedrock Outcrops and Surficial Deposits, Crescent Junction, UT, Proposed Repository Site	
DATE PREPARED: March 12, 2007	FILENAME: X0130400

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