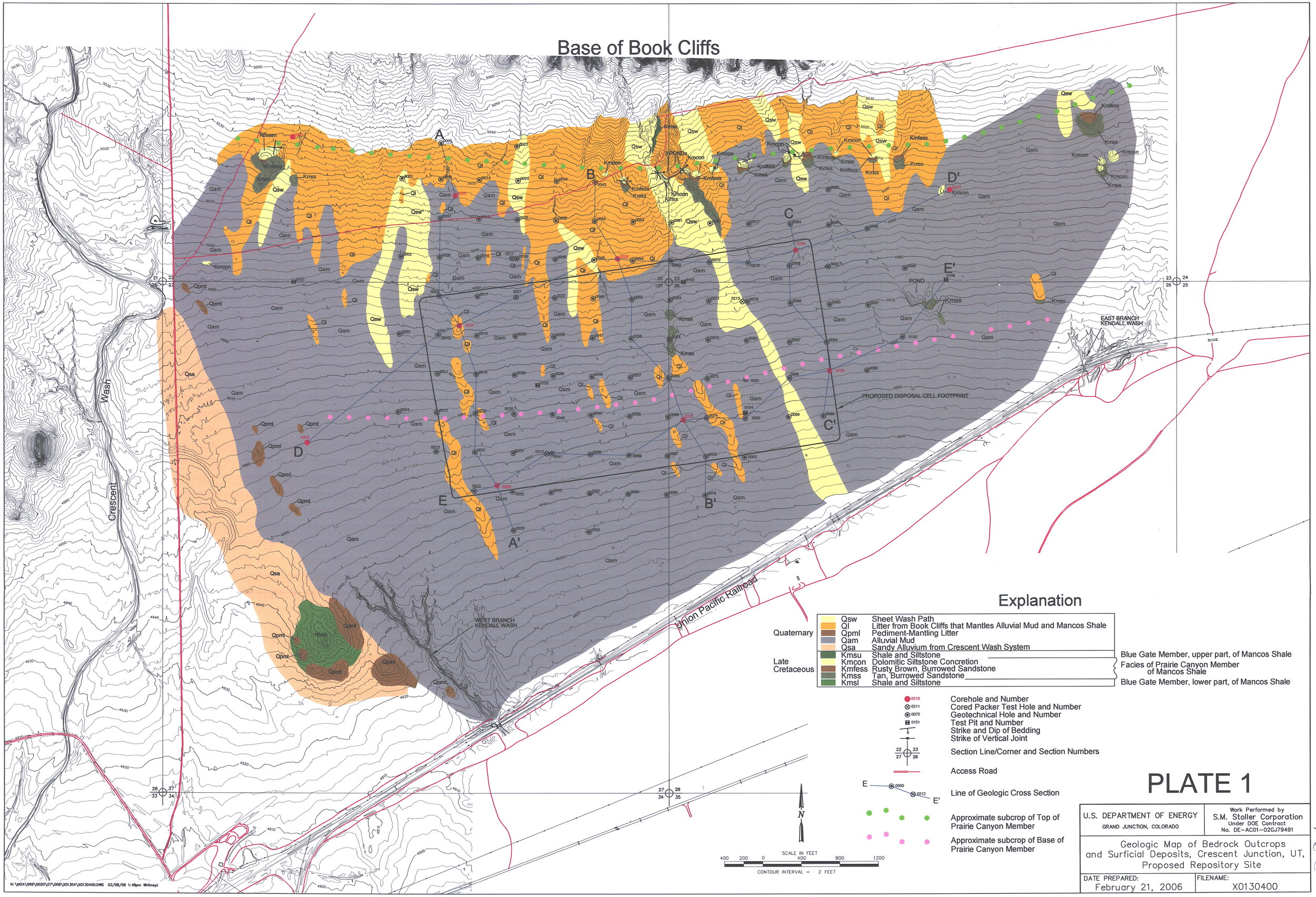
Base of Book Cliffs
Crescent Wash
WEST BRANCH KENDALL WASH
EAST BRANCH KENDALL WASH
Union Pacific Railroad
PROPOSED DISPOSAL CELL FOOTPRINT
3 PONDS
POND
A
A'
B
B'
C
C'
D
D'
E
E'
Qsw
Ql
Qam
Qsa
Qpml
Kmcon
Kmfess
Kmss
Kmsl
Explanation
Quaternary
Qsw Sheet Wash Path
Ql Litter from Book Cliffs that Mantles 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
Kmfess Rusty Brown, Burrowed Sandstone
Kmss Tan, Burrowed Sandstone — Facies of Prairie Canyon Member of Mancos Shale
Kmsl Shale and Siltstone — Blue Gate Member, lower part, of Mancos Shale
Corehole and Number
Cored Packer Test Hole and Number
Geotechnical Hole and Number
Test Pit and Number
Strike and Dip of Bedding
Strike of Vertical Joint
Section Line/Corner and Section Numbers
Access Road
Line of Geologic Cross Section
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:
February 21, 2006
FILENAME:
X0130400