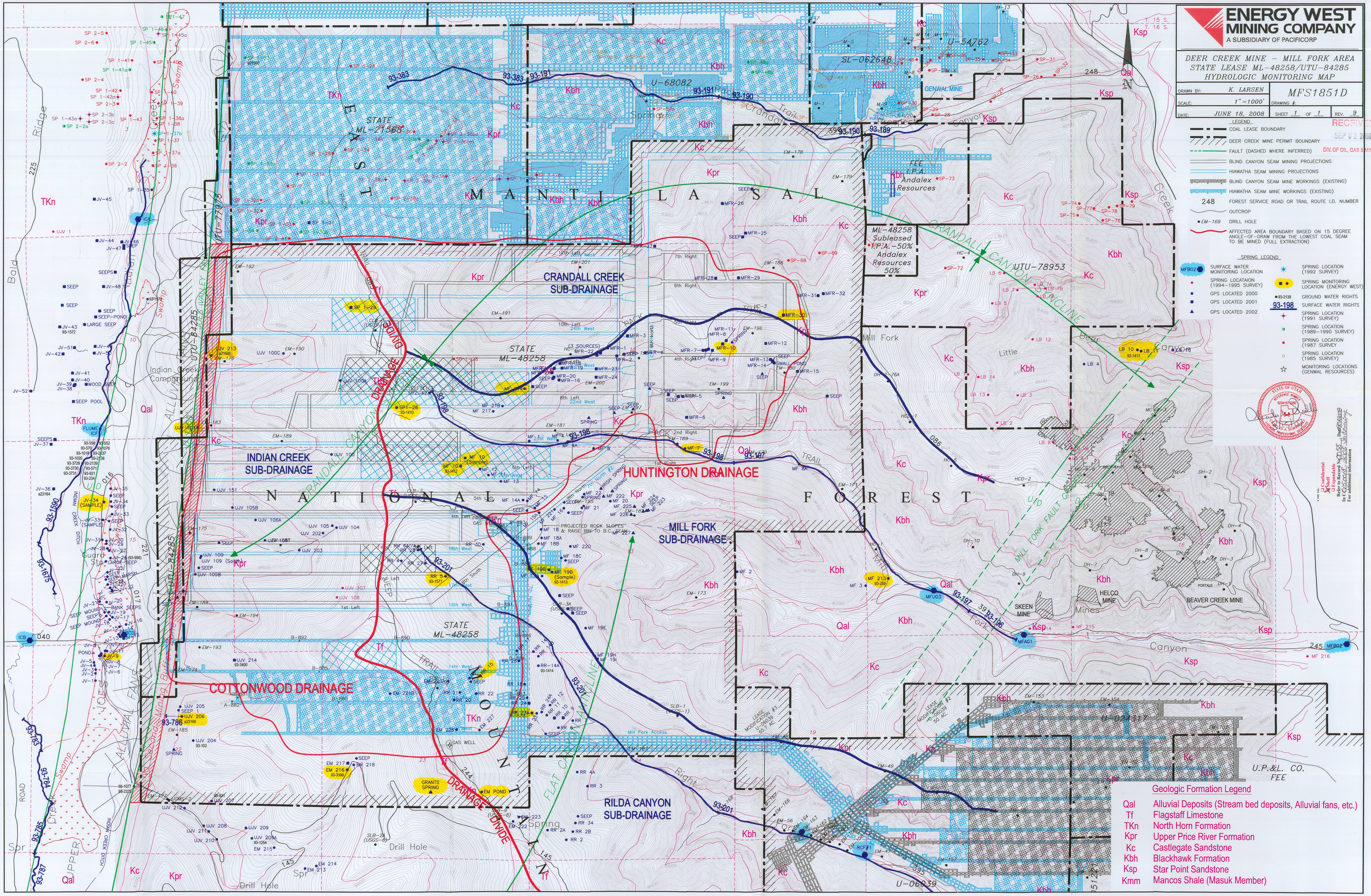
ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP
DEER CREEK MINE – MILL FORK AREA
STATE LEASE ML-48258/UTU-84285
HYDROLOGIC MONITORING MAP
DRAWN BY: K. LARSEN
SCALE: 1"=1000'
DATE: JUNE 18, 2008
MFS1851D
DRAWING #:
SHEET 1 OF 1
REV. 9
RECEIVED
SEP 02 2008
DIV. OF OIL, GAS & MINING
LEGEND
COAL LEASE BOUNDARY
DEER CREEK MINE PERMIT BOUNDARY
FAULT (DASHED WHERE INFERRED)
BLIND CANYON SEAM MINING PROJECTIONS
HIAWATHA SEAM MINING PROJECTIONS
BLIND CANYON SEAM MINE WORKINGS (EXISTING)
HIAWATHA SEAM MINE WORKINGS (EXISTING)
248 FOREST SERVICE ROAD OR TRAIL ROUTE I.D. NUMBER
OUTCROP
EM-169 DRILL HOLE
AFFECTED AREA BOUNDARY BASED ON 15 DEGREE ANGLE-OF-DRAW FROM THE LOWEST COAL SEAM TO BE MINED (FULL EXTRACTION)
SPRING LEGEND
MFB02 SURFACE WATER MONITORING LOCATION
SPRING LOCATAION (1994-1995 SURVEY)
GPS LOCATED 2000
GPS LOCATED 2001
GPS LOCATED 2002
SPRING LOCATION (1992 SURVEY)
SPRING MONITORING LOCATION (ENERGY WEST)
93-2139 GROUND WATER RIGHTS
93-198 SURFACE WATER RIGHTS
SPRING LOCATION (1991 SURVEY)
SPRING LOCATION (1989-1990 SURVEY)
SPRING LOCATION (1987 SURVEY)
SPRING LOCATION (1985 SURVEY)
MONITORING LOCATIONS (GENWAL RESOURCES)
Geologic Formation Legend
Qal Alluvial Deposits (Stream bed deposits, Alluvial fans, etc.)
Tf Flagstaff Limestone
TKn North Horn Formation
Kpr Upper Price River Formation
Kc Castlegate Sandstone
Kbh Blackhawk Formation
Ksp Star Point Sandstone
Kmm Mancos Shale (Masuk Member)
CRANDALL CREEK SUB-DRAINAGE
INDIAN CREEK SUB-DRAINAGE
HUNTINGTON DRAINAGE
MILL FORK SUB-DRAINAGE
COTTONWOOD DRAINAGE
RILDA CANYON SUB-DRAINAGE
DRAINAGE DIVIDE
STATE ML-21568
STATE ML-48258
ML-48258 Subleased I.P.A.-50% Andalex Resources 50%
FEE I.P.A. Andalex Resources
GENWAL MINE
SKEEN MINE
HELCO MINE
BEAVER CREEK MINE
U.P.&L. CO. FEE
U-68082
SL-062648
U-54762
UTU-78953
U-06039
U-024317
UTU-84285
UTU-77975
Indian Creek Campground
Mill Fork
Little Canyon
Drill Hole
Spring
Canyon
Creek
Ridge
Bald
Swamp
Trail
Mines
Fork
Right
Spr
ROAD
Mill Fork Access
Mill Fork Fault Graben
Crandall Canyon Syncline
Flat Canyon Anticline
Grants Spring
Gas Well
Projected Rock Slopes & Raise Bin to B.C. Seam
Lease Modification #3 U-06039 65.7 AC.
Lease Modification #2 U-06039 50 AC.
Confidential
Expandable
Refer to Record No. 0 Date
In COLLECTION
For additional information