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	DRAWING #:	MFS1851D
SCALE:	1" =1000'		
DATE:	AUGUST 31, 2006	SHEET 1 OF 1	REV. 9

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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 LOCATION (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)

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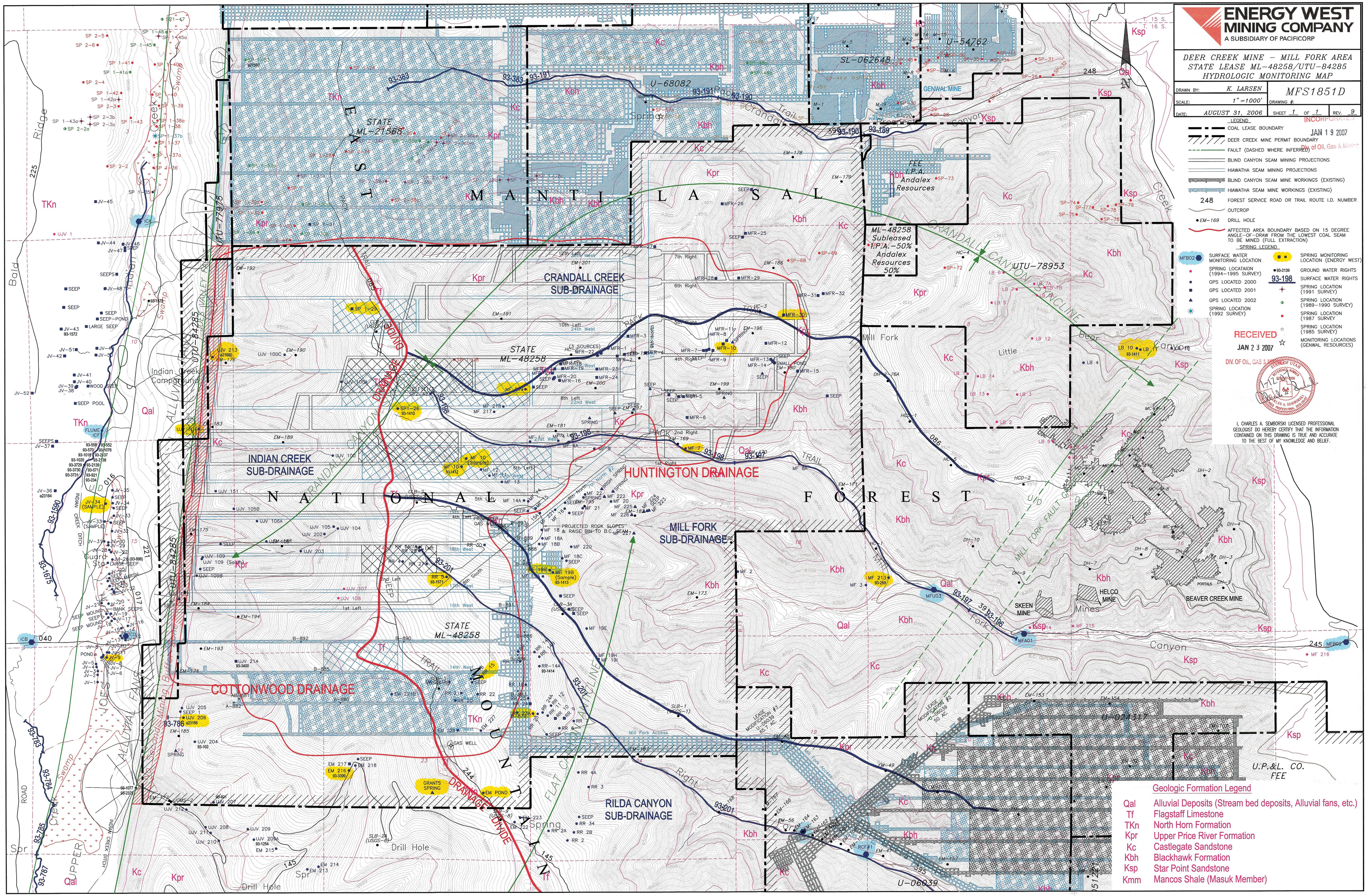
I, CHARLES A. SEMBORSKI LICENSED PROFESSIONAL GEOLOGIST DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.



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)