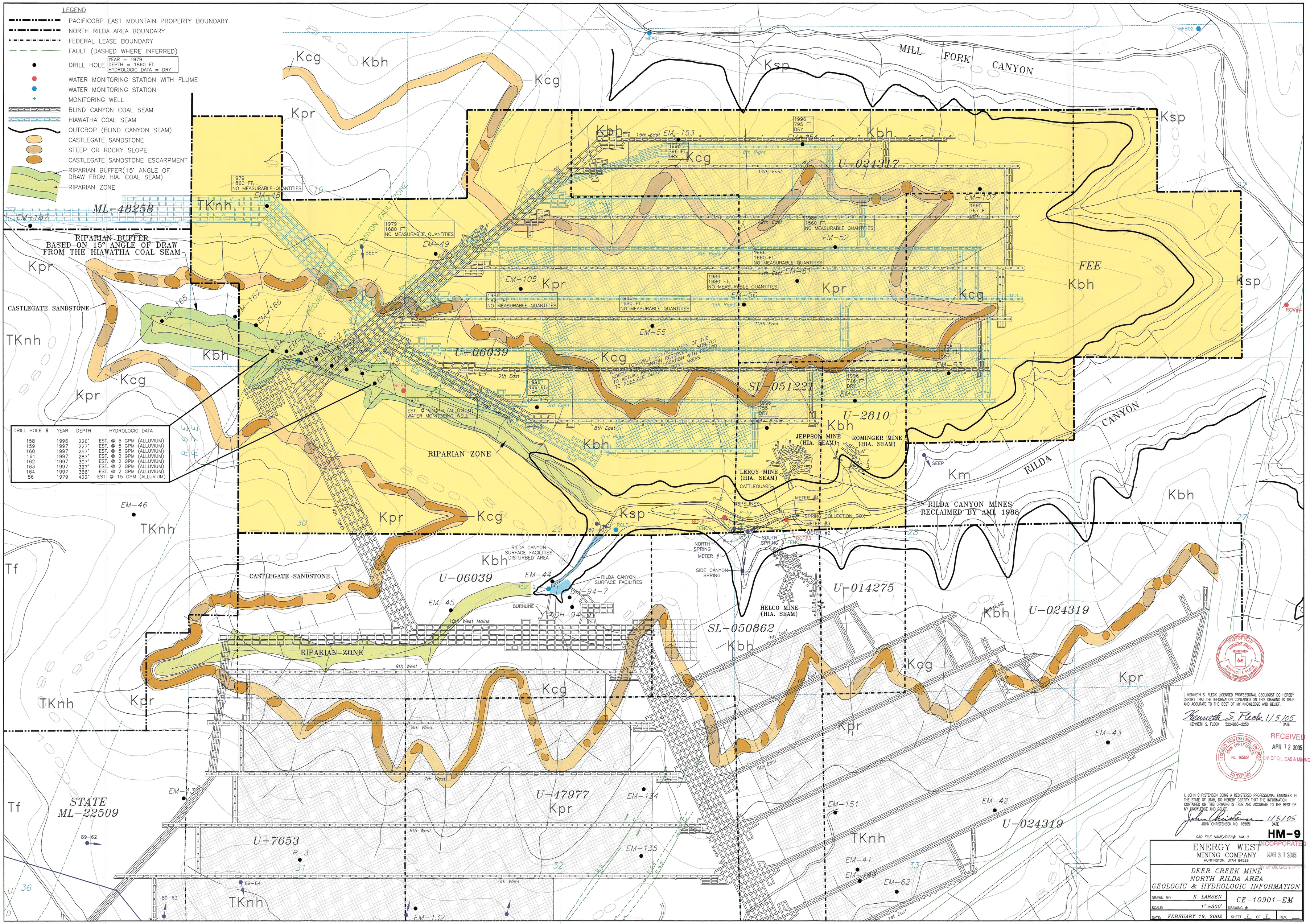
LEGEND

- PACIFICORP EAST MOUNTAIN PROPERTY BOUNDARY
- NORTH RILDA AREA BOUNDARY
- FEDERAL LEASE BOUNDARY
- FAULT (DASHED WHERE INFERRED)
- DRILL HOLE — YEAR = 1979, DEPTH = 1860 FT., HYDROLOGIC DATA = DRY
- WATER MONITORING STATION WITH FLUME
- WATER MONITORING STATION
- MONITORING WELL
- BLIND CANYON COAL SEAM
- HIAWATHA COAL SEAM
- OUTCROP (BLIND CANYON SEAM)
- CASTLEGATE SANDSTONE
- STEEP OR ROCKY SLOPE
- CASTLEGATE SANDSTONE ESCARPMENT
- RIPARIAN BUFFER(15° ANGLE OF DRAW FROM HIA. COAL SEAM)
- RIPARIAN ZONE



DRILL HOLE #	YEAR	DEPTH	HYDROLOGIC DATA
158	1996	226'	EST. @ 5 GPM (ALLUVIUM)
159	1997	227'	EST. @ 5 GPM (ALLUVIUM)
160	1997	257'	EST. @ 5 GPM (ALLUVIUM)
161	1997	287'	EST. @ 2 GPM (ALLUVIUM)
162	1997	307'	EST. @ 2 GPM (ALLUVIUM)
163	1997	327'	EST. @ 2 GPM (ALLUVIUM)
164	1997	366'	EST. @ 2 GPM (ALLUVIUM)
56	1979	422'	EST. @ 15 GPM (ALLUVIUM)

I, KENNETH S. FLECK 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.

Kenneth S. Fleck 1/5/05
KENNETH S. FLECK 5224883-2250 DATE

STATE OF UTAH 5224883-2250 6a KENNETH S. FLECK

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I, JOHN CHRISTENSEN BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John Christensen 1/5/05
JOHN CHRISTENSEN NO. 165651 DATE

LICENSED PROFESSIONAL ENGINEER JOHN CHRISTENSEN No. 165651 STATE OF UTAH

CAD FILE NAME/DISK#: HM-9

HM-9

ENERGY WEST MINING COMPANY INCORPORATED
HUNTINGTON, UTAH 84528

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DEER CREEK MINE
NORTH RILDA AREA
GEOLOGIC & HYDROLOGIC INFORMATION

DRAWN BY:	K. LARSEN	CE-10901-EM	
SCALE:	1"=500'	DRAWING #:	
DATE: FEBRUARY 19, 2002	SHEET 1 OF 1	REV.	