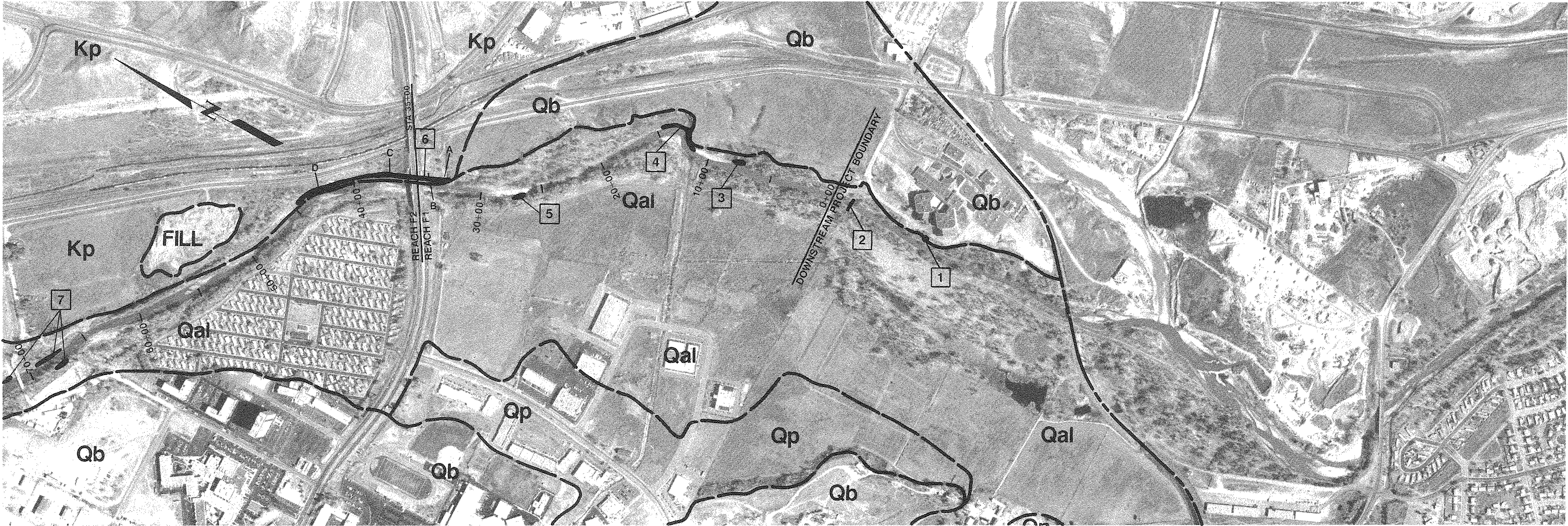


**GEOLOGIC MAP
LEGEND**

LANDFILL	KNOWN OR SUSPECTED SOLID WASTE
FILL	MAN PLACED FILL (ONLY MAPPED LOCALLY)
Qal	RECENT ALLUVIUM
Qp	PINEY CREEK ALLUVIUM (LOW TERRACE)
Qb	BROADWAY ALLUVIUM
Qlo	LOUVIERS ALLUVIUM
Kp	PIERCE SHALE
Ubr	UNDIFFERENTIATED BEDROCK FORMATIONS



NOTES

- 1 SOME EROSION OF WEST BANK DOWNSTREAM OF THIS POINT.
- 2 DROP STRUCTURE, PROBABLE SEWER OR OTHER UTILITY CROSSING.
- 3 DOWNED TREE, PIERRE SHALE EXPOSED AT BASE OF ERODING BANK. 6-INCH DIAMETER CONCRETE PIPE ENTERS CREEK JUST UPSTREAM, FLOWING SLIGHTLY.
- 4 PIERRE SHALE EXPOSED IN ERODING CUT BANK. OUT CROP RESULTS IN BEND IN CREEK. UPSTREAM OF THIS POINT BOTH SIDES OF BANK ERODING (ABOUT 5- FEET HIGH BANKS). DOWNSTREAM TO ABOUT POINT 1, EAST BANK MAINLY ERODING.
- 5 ERODING BANK AT SLIGHT BEND IN CREEK. UNDERCUT TREES, AND BIG TREE IN MIDDLE OF CHANNEL.

NOTES

- 6 CIRCLE DRIVE CROSSING. PIERRE SHALE AT BASE OF BANK FROM ABOUT 300- FEET DOWNSTREAM TO ABOUT 900- FEET UPSTREAM OF CIRCLE DRIVE, CONCENTRATED EROSION ALONG THIS STRETCH, EAST BANK.
 - A. 300± SOUTH, UNDERMINING AT CHANNEL OUTFALL.
 - B. EAST SIDE DOWNSTREAM ABUTMENT FAILED GABION WALL, "Fix" ALSO ERODING.
 - C. UPSTREAM ABUTMENT O.K. BUT SEVERE EROSION AT BASE OF SLOPE JUST UPSTREAM.
 - D. PIERRE SHALE UPSTREAM OF GABION SLOPE AND WALL ERODING.
 - E. UPSTREAM OF CIRCLE DRIVE, MAINLY EROSION OF EAST BANK TO POINT 8.
- 7 PIERRE SHALE EXPOSED IN BANKS.

GENERAL NOTES

DOWNSTREAM END TO SPRING CREEK, STREAM BOTTOM MATERIALS CONSIST OF FINE TO COARSE GRAVELLY TO COBBLEY SAND, WITH SCATTERED BOULDERS. SIDE BANKS VARY FROM SAME, TO FINE GRAINED SILTY SAND, TO EXPOSED SHALE.

DOWNSTREAM OF HIGHWAY 24 BYPASS CROSSING, STREAM BANKS GENERALLY HEAVILY VEGETATED WITH GRASSES, WILLOWS AND COTTONWOOD TREES. EXCEPT FOR CIRCLE DRIVE AREA, EAST SIDE OF CREEK LARGELY NATURAL FLOOD PLAIN. UPSTREAM OF CIRCLE DRIVE, SOME FILL ENCROACHMENT ON WEST SIDE OF CHANNEL (TRAILER PARK BERM AND COMMERCIAL DEVELOPMENT).

FIGURE 3.5-1