EXPLANATION

Unconsolidated alluvial or colluvial deposits, roadway fill or rubble. Unless otherwise indicated conceals metabasalt.

Gold-copper mineralized zone at the hanging wall of the Road Cut fault zone. The mineralized zone is more copper-gold rich near its surface outcrop, at most locations, than the remainder of the fault zone. It contains the quartz-calcite zone which contains up to 22.7 percent copper and 33.26 ppm gold. Arrow shows dip, dotted where concealed. The gold-copper mineralized zone is crossed by sample lines 5 – 36 and splays to the east north of sample line 5 and is under cover south of sample line 36.

Ultramafic dike outcrop, sheared into discontinued lenses at some locations, characterized by phlogopite books up to 4 in. across in a gray-green groundmass.

Metadiorite outcrop, epidote altered, merocrystalline and locally porphyritic.

Road Cut fault zone, hanging wall and footwall boundaries. Contains the gold-copper mineralized zone at its hanging wall where shown. Composed of silicified brecciated metabasalt and, at some locations, contains low gold values at most drill intercepts. The Road Cut fault zone, excluding the gold-copper mineralized zone, is termed the DDH zone for resource discussion purposes. Question marks where inferred.
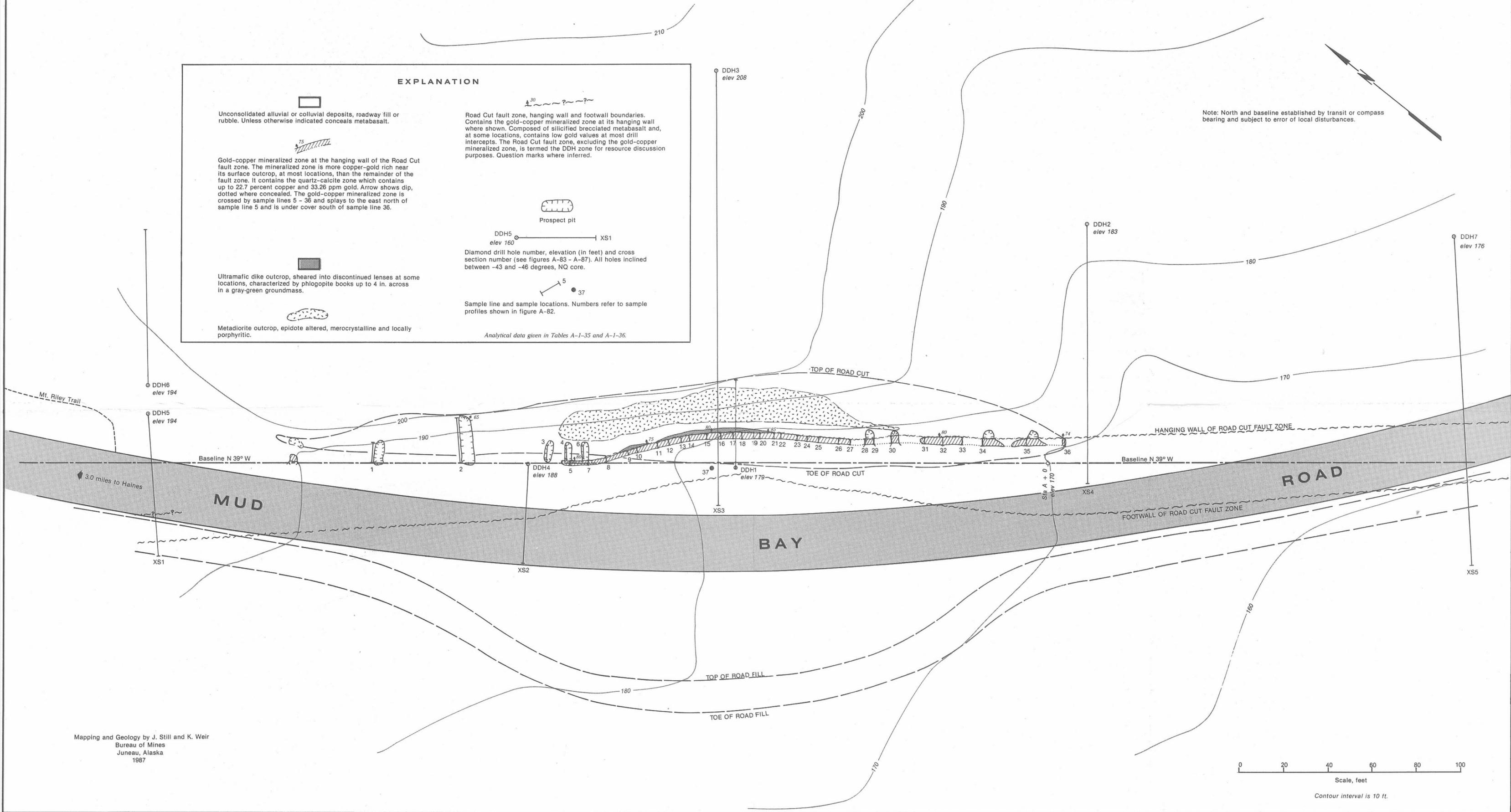
Prospect pit

DDH5
elev 160 ———————— XS1

Diamond drill hole number, elevation (in feet) and cross section number (see figures A-83 – A-87). All holes inclined between –43 and –46 degrees, NQ core.
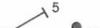
Sample line and sample locations. Numbers refer to sample profiles shown in figure A-82.

Analytical data given in Tables A–1–35 and A–1–36.

MUD BAY ROAD

3.0 miles to Haines

Baseline N 39° W

Mt. Riley Trail

DDH6 elev 194
DDH5 elev 194
DDH4 elev 188
DDH1 elev 179
DDH3 elev 208
DDH2 elev 183
DDH7 elev 176

TOP OF ROAD CUT
TOE OF ROAD CUT
HANGING WALL OF ROAD CUT FAULT ZONE
FOOTWALL OF ROAD CUT FAULT ZONE
TOP OF ROAD FILL
TOE OF ROAD FILL

Sta A + 0
elev 170

XS1 XS2 XS3 XS4 XS5

Scale, feet
0 20 40 60 80 100

Contour interval is 10 ft.

Figure A-78. — Road Cut prospect showing geology, diamond drill hole and sample locations.