

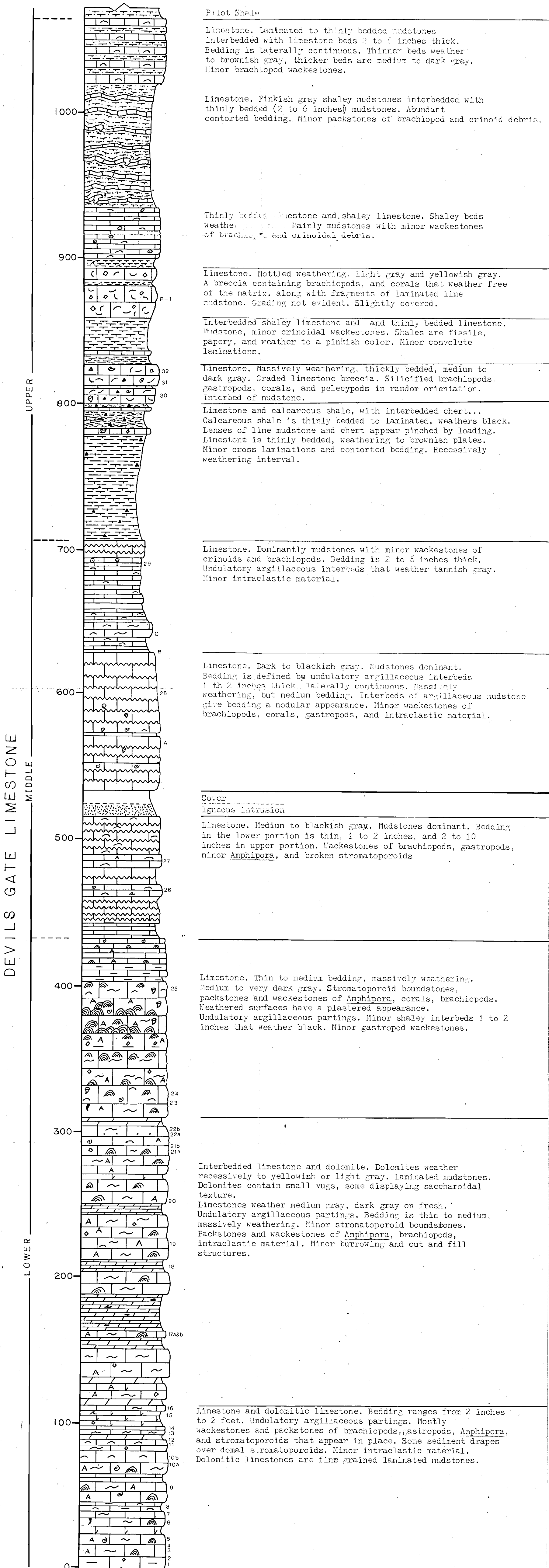
DEVILS GATE LIMESTONE

AT

DEVILS GATE PASS

NORTH OF U.S. HWY. 50

FEET GRAPHIC COLUMN SAMPLES P-DESCRIPTION



Pilot Shale

Limestone. Laminated to thinly bedded mudstones interbedded with limestone beds 2 to 5 inches thick. Bedding is laterally continuous. Thinner beds weather to brownish gray, thicker beds are medium to dark gray. Minor brachiopod wackestones.

Limestone. Pinkish gray shaly mudstones interbedded with thinly bedded (2 to 6 inches) mudstones. Abundant contorted bedding. Minor packstones of brachiopod and crinoid debris.

Thinly bedded limestone and shaly limestone. Shaly beds weather to black. Mainly mudstones with minor wackestones of brachiopods and crinoidal debris.

Limestone. Mottled weathering, light gray and yellowish gray. A breccia containing brachiopods, and corals that weather free of the matrix, along with fragments of laminated lime mudstone. Grading not evident. Slightly covered.

Interbedded shaly limestone and thinly bedded limestone. Mudstone, minor crinoidal wackestones. Shales are fissile, papery, and weather to a pinkish color. Minor convolute laminations.

Limestone. Massively weathering, thickly bedded, medium to dark gray. Graded limestone breccia. Silicified brachiopods, gastropods, corals, and pelecypods in random orientation. Interbed of mudstone.

Limestone and calcareous shale, with interbedded chert... Calcareous shale is thinly bedded to laminated, weathers black. Lenses of lime mudstone and chert appear pinched by loading. Limestone is thinly bedded, weathering to brownish plates. Minor cross laminations and contorted bedding. Recessively weathering interval.

Limestone. Dominantly mudstones with minor wackestones of crinoids and brachiopods. Bedding is 2 to 6 inches thick. Undulatory argillaceous interbeds that weather tannish gray. Minor intraclastic material.

Limestone. Dark to blackish gray. Mudstones dominant. Bedding is defined by undulatory argillaceous interbeds 1 to 2 inches thick, laterally continuous. Massively weathering, but medium bedding. Interbeds of argillaceous mudstone give bedding a nodular appearance. Minor wackestones of brachiopods, corals, gastropods, and intraclastic material.

Cover
Igneous intrusion

Limestone. Medium to blackish gray. Mudstones dominant. Bedding in the lower portion is thin, 1 to 2 inches, and 2 to 10 inches in upper portion. Wackestones of brachiopods, gastropods, minor *Amphipora*, and broken stromatoporoids

Limestone. Thin to medium bedding, massively weathering. Medium to very dark gray. Stromatoporoid boundstones, packstones and wackestones of *Amphipora*, corals, brachiopods. Weathered surfaces have a plastered appearance. Undulatory argillaceous partings. Minor shaly interbeds 1 to 2 inches that weather black. Minor gastropod wackestones.

Interbedded limestone and dolomite. Dolomites weather recessively to yellowish or light gray. Laminated mudstones. Dolomites contain small vugs, some displaying saccharoidal texture.

Limestones weather medium gray, dark gray on fresh. Undulatory argillaceous partings. Bedding is thin to medium, massively weathering. Minor stromatoporoid boundstones. Packstones and wackestones of *Amphipora*, brachiopods, intraclastic material. Minor burrowing and cut and fill structures.

Limestone and dolomitic limestone. Bedding ranges from 2 inches to 2 feet. Undulatory argillaceous partings. Mostly wackestones and packstones of brachiopods, gastropods, *Amphipora*, and stromatoporoids that appear in chert. Some sediment drapes over domal stromatoporoids. Minor intraclastic material. Dolomitic limestones are fine grained laminated mudstones.