U.S. GEOLOGICAL SURVEY

U.S. DEPARTMENT OF THE INTERIOR

massive to convoluted and laminar,

speckling

grayish red (10R4/2) to brownish gray

(5YR4/1) silty mudstone; minor calcite

grayish red (10R4/2) mudstone

(10R4/2) mudstone

interbedded, massive to convoluted, pale

red (10R6/2) siltstone and grayish red

SITE 6

**WELL 3-288** 

U.S. GEOLOGICAL SURVEY RESTON, VA.

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SITE 5 WELL 23-1076 Lithology and Depth below sedimentary Sample land surface Gamma log Description of core structures number convoluted to laminar, grayish red purple (5RP4/2) to grayish red (10R4/2), mudstone to silty mudstone; locally abundant calcite speckling; local mudcracks and worm burrows massive, medium light gray (N6) to light 7,000 cps brownish gray (5YR6/1) mudstone; abundant calcite speckling laminar, generally medium dark gray (N4) mudstone; local zones of thin, intercalated light-colored calcareous layers and dark-colored layers; local pyrite speckling 5-8\* massive, medium gray (N5) mudstone, with interspersed thin beds of darker mudstone toward the top of the section; local calcite speckling; some pyrite speckling alternating beds of medium gray (N5) and dark gray (N3) mudstone; local zones of thin, intercalated light-colored 5-11\* calcareous layers and dark-colored layers massive, medium gray (N5) mudstone; local calcite speckling; minor pyrite speckling

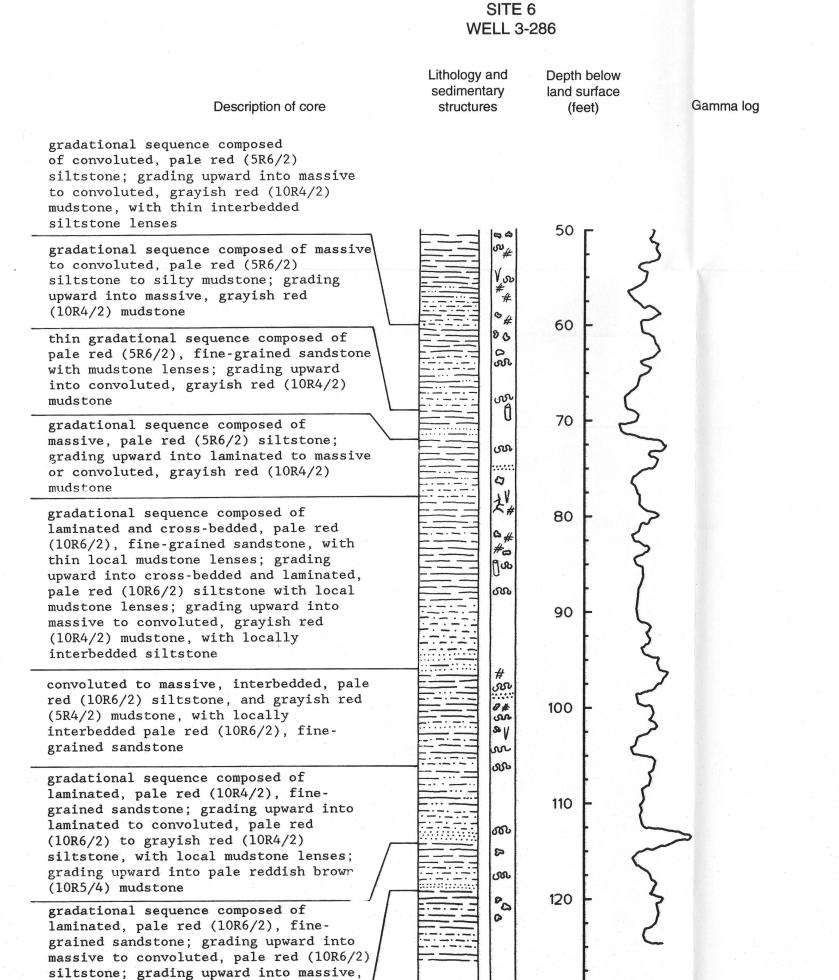
1,000

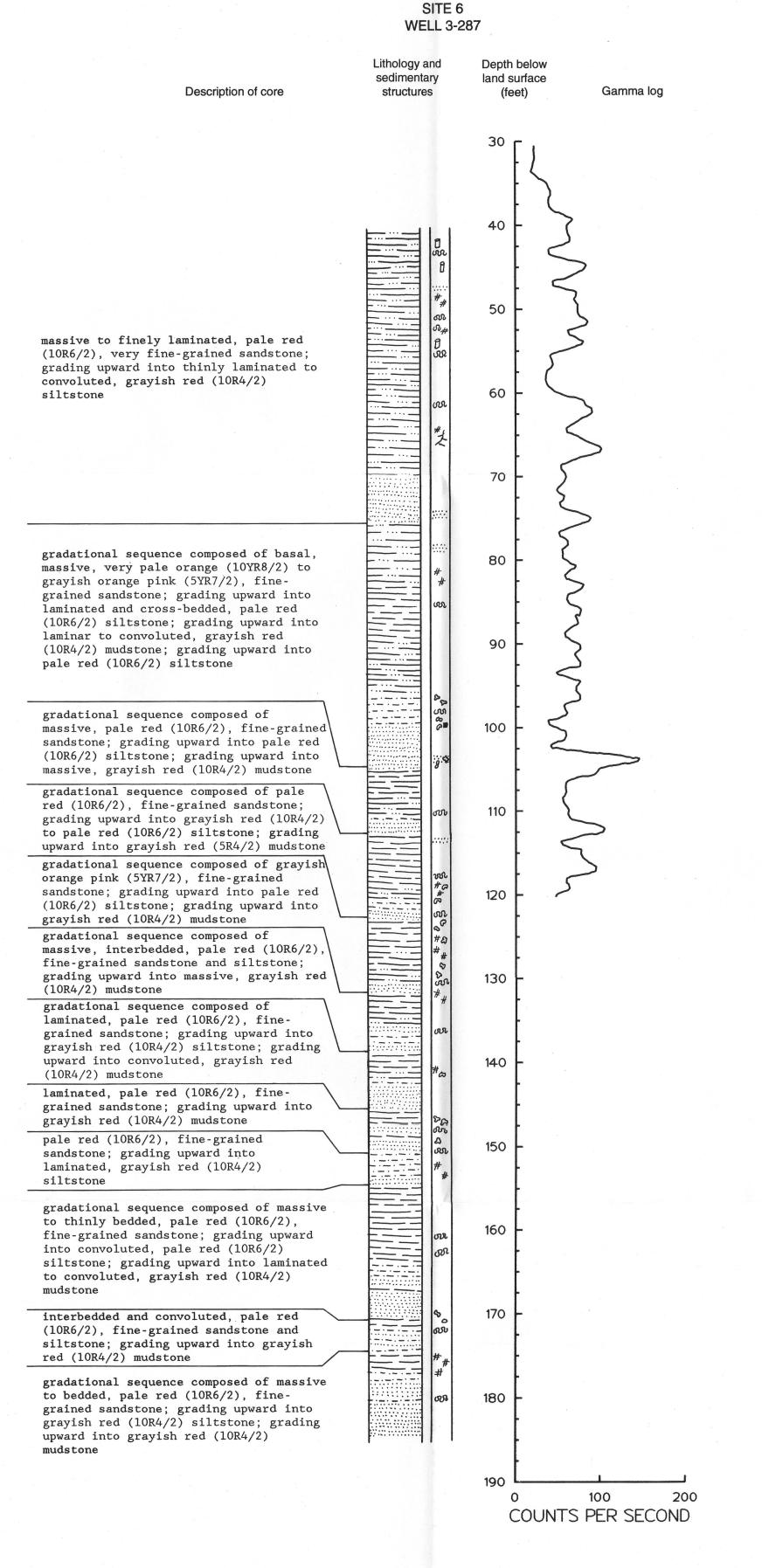
500

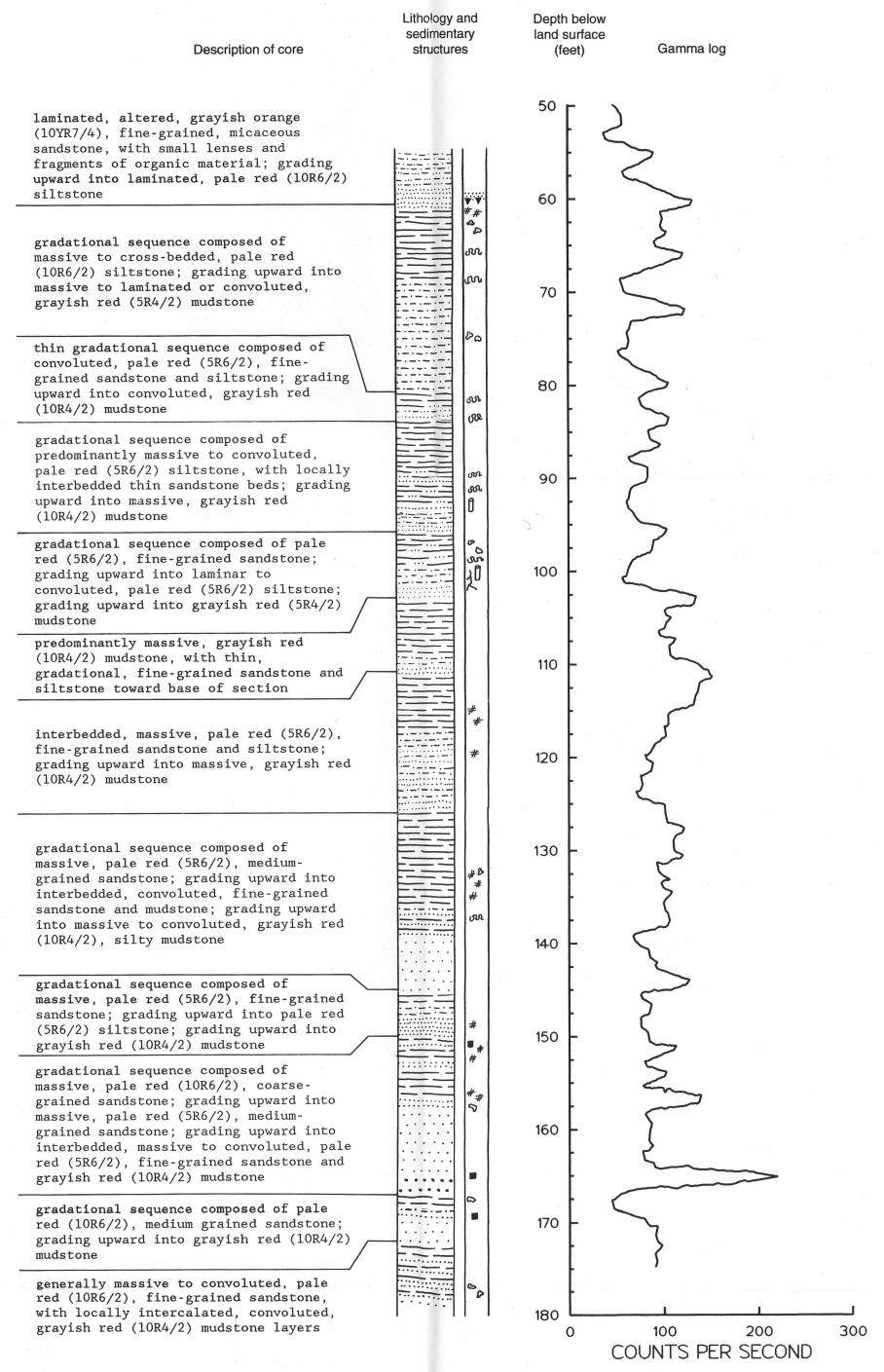
COUNTS PER SECOND

COUNTS PER SECOND

1,500

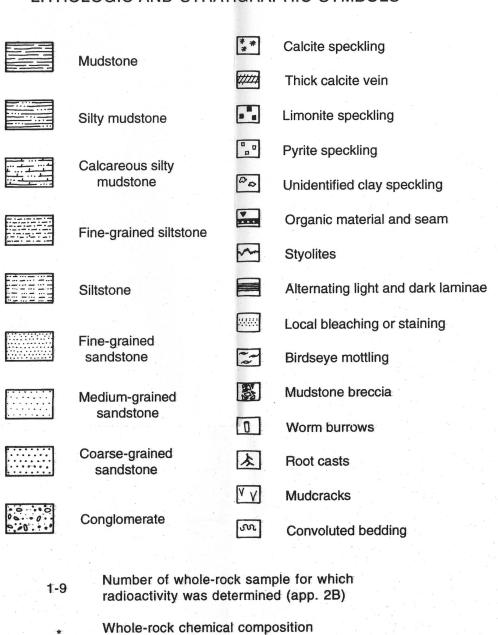








**EXPLANATION** 



determined (app. 2A)

of America, 1948)

Site locations shown in figure 1; well and borehole locations shown in figure 2

(5RP4/2) A series of numbers and letters representing

rock hue, value and chroma (Geological Society