LOG 5

KONGAHU POINT

S18/474126–445101

Approximately 20 m to base of Log 6

COLUMN 1

graded beds with very few granite boulders, mostly fossiliferous angular very coarse lithic feldsarenite

110°W

very thin, sometimes graded calcareous sandstone usually coarse to very coarse with a few pebbles of granite

S18/474126

continues in same manner
38 m omitted

thin beds of very coarse sandy biosparite to fossiliferous calcite-cemented pebbly very coarse lithic feldsarenite, interbedded with light grey bioturbated calcareous silty mudstone (Glasseye Mudstone); pebbles are infrequently contained in the mudstone

110°W

graded beds with irregular loads and some faint groove casts

S18/472125

contorted bedding; note folded sediment and rolled lenses; thick sandstone beds are poorly graded to massive

mainly Glasseye Mudstone with thin Kongahu Member beds
115 m omitted

S18/465105

graded bed (graded from maximum 6 cm base to 3 cm top with burrows on top); very angular arkosic pebbly sandstone with a matrix of slightly muddy biosparite--echinoderm spines, bryozoa, foraminifera, shell fragments --these coarse sandy beds in background sediment of light grey very calcareous silty mudstone--no sedimentary structures, intensily bioturbated

109°W

all coarse beds have sharp erosive bases, and usually flat tops

TO COLUMN 2

COLUMN 2

covered
175 m omitted

very thick bedded very coarse granite breccia, medium pebbly matrix
thin mudstone bands are lenticular, some wedge out to south within 120 m; the thin coarse sand associated with the mudstones are probably graded

S18/449102

TO COLUMN 3

COLUMN 3

SCALE 1cm=1m

0 1 2 3 m

Stippled beds = KONGAHU MEMBER
Plain beds = GLASSEYE MUDSTONE
= Groove cast trend

seen at distance only, from notes, photographs

S18/447101

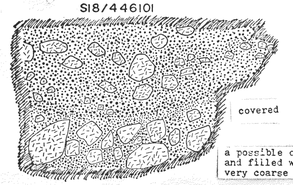
covered
4 m omitted

a series of 12 graded beds, separated by very thin wavy layers of dark grey sandy mudstone--a few clasts are present, 15 cm maximum; grades from fine pebbly very coarse sandy to coarse sandy, slightly calcareous

covered
4.5 m omitted

series of 4 graded beds, with sharp bases, tops; appear "welded"; maximum grain size at base = 2 cm; modal size is very coarse-coarse sand

S18/446101



covered

a possible channel, cutting into very coarse conglomerate and filled with slightly less coarse conglomerate in a very coarse sandy matrix; slightly calcareous

6.2 m

medium to large, angular to rounded granite boulders (maximum seen 5 m) in matrix of cobbles, very coarse granite pebbles and very coarse arkosic sand
-noncalcareous; no discernable bedding or sedimentary structures

covered
7.5 m omitted

7457B

small to large granite boulders, angular-subrounded in matrix of coarse-fine pebbly very coarse sand; thin greenish discontinuous bands of highly micaceous muddy coarse sand are common and impart an overall light greenish color to the sediment

zone of weathering(?); granite grades into a coarse pebbly conglomerate in a non-calcareous very micaceous matrix. Gradation is very subtle

S18/445101

unweathered light granite with abundant phenocrysts

Paparoa Granite