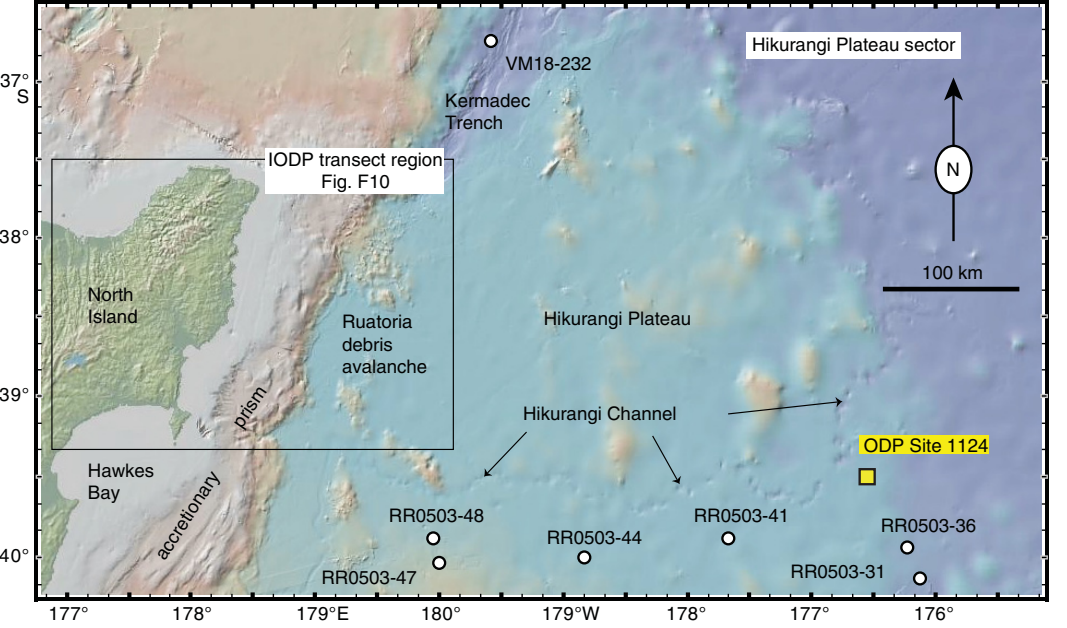
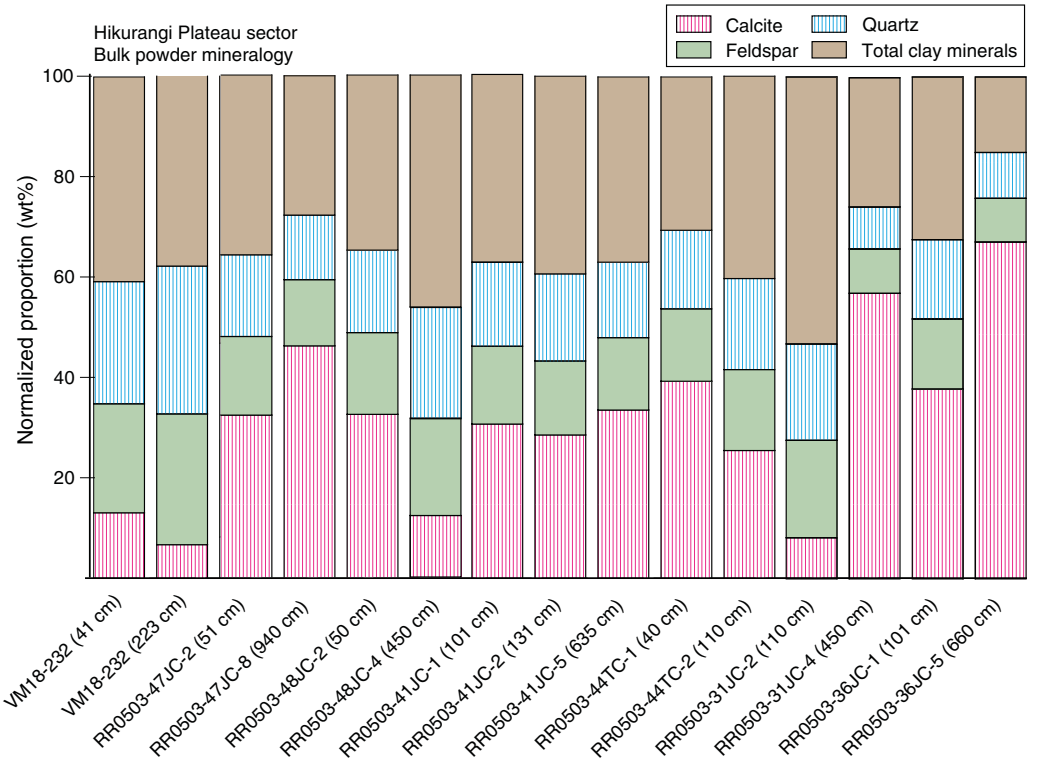

Hikurangi Plateau sector
VM18-232
Kermadec
Trench
IODP transect region
Fig. F10
N
100 km
North
Island
Ruatoria
debris
avalanche
Hikurangi Plateau
prism
Hikurangi Channel
ODP Site 1124
Hawkes
Bay
accretionary
RR0503-48
RR0503-44
RR0503-41
RR0503-36
RR0503-47
RR0503-31
37° S
38°
39°
40°
177°
178°
179°E
180°
179°W
178°
177°
176°


Hikurangi Plateau sector
Bulk powder mineralogy
Calcite
Quartz
Feldspar
Total clay minerals
Normalized proportion (wt%)
100
80
60
40
20
VM18-232 (41 cm)
VM18-232 (223 cm)
RR0503-47JC-2 (51 cm)
RR0503-47JC-8 (940 cm)
RR0503-48JC-2 (50 cm)
RR0503-48JC-4 (450 cm)
RR0503-41JC-1 (101 cm)
RR0503-41JC-2 (131 cm)
RR0503-41JC-5 (635 cm)
RR0503-44TC-1 (40 cm)
RR0503-44TC-2 (110 cm)
RR0503-31JC-2 (110 cm)
RR0503-31JC-4 (450 cm)
RR0503-36JC-1 (101 cm)
RR0503-36JC-5 (660 cm)