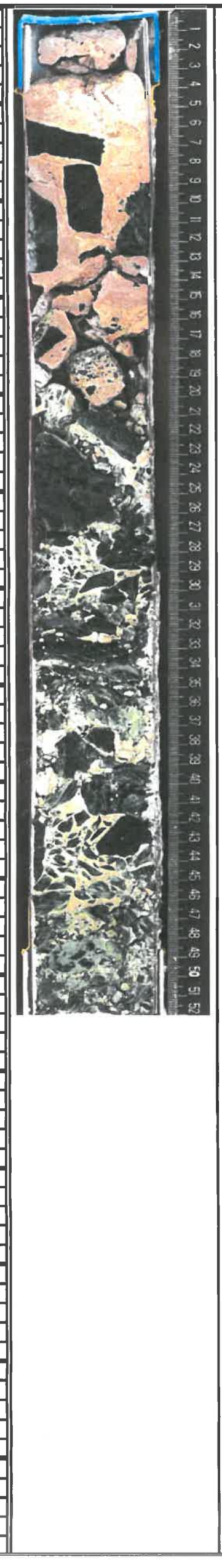
IODP-MSP (Exp. ~~325~~ 357) VISUAL SECTION UNIT DESCRIPTION

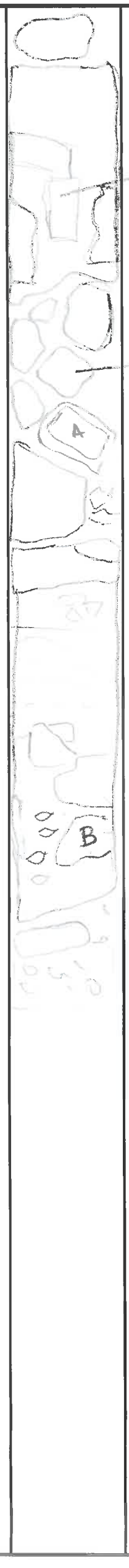
DIS - NONE
CB/JE/

Exp.	Site	Hole	Core	Type	Section
357	75	A	1	R	1

Observers:

[cm] | Scanned Image | Unit | Sketch | Lithology | Viens and Alteration | Structure | Description





Unit

HIGLY ALTERED SERPENTINITES RANGING FROM HETEROGENEOUS RECRYSTALLIZATION OF SERP-MATRIX IN → SERP + TALC WITH OPX-BASTITE RELICS TO SHEARED

A, B FRAGMENT ARE LESS ALTERED, FINE-GRAINED OR OPX-POOR POSSIBLE GB MYLONITE

0-20 cm

20cm - end

Could be meta gabbro.

foraminiferous sedimentary breccia clasts consist of foliated serpentinized peridotite and ne basalt clast at 8-11 cm

o L6 matrix supported w/ clast >2cm matrix mostly carbonate w/ forams + burrows on the top surface

more oxidized ~~zone~~ than below 20 cm. greyish orange 10YR7/4 Munsell

more variable sizes of ultramafic fragments → layering

20 cm - end - still matrix supported sedimentary breccia but with more ultramafic clast of more variable size

foliation in clasts more prominent below 27 cm

the clasts of foliated altered ultramafic rocks, have original shapes and are tend to rounded

very pale orange 10YR8/2 Munsell

most clasts are angular. Some fragmented following existing schistosity

ultramafic clasts:

clear schistose bands w/ darker areas

some rounded, some with shaving rotation relative to schistosity → possible reworking of material

sedimentary breccia.

One large clasts: 20-27 cm

less deformed, grains cutting grains.

Brittle deformation of clasts: fractures, late, cross-cutting foliation of ultramafic rocks & few in basal clasts