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

Exp.	Site	Hole	Core	Type	Section
357	75	B	3	R	1

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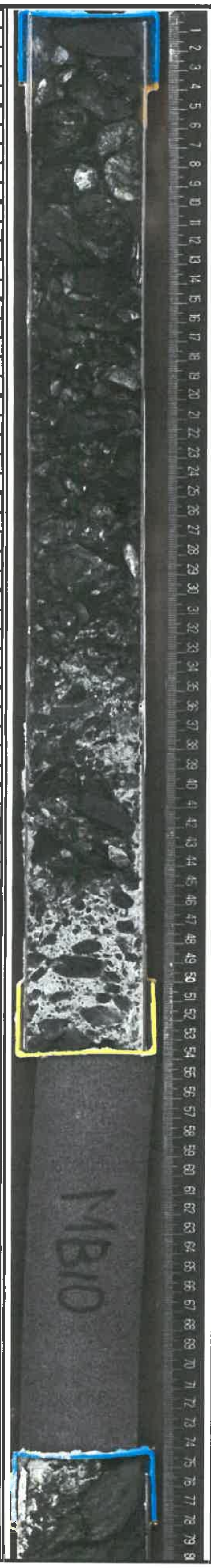
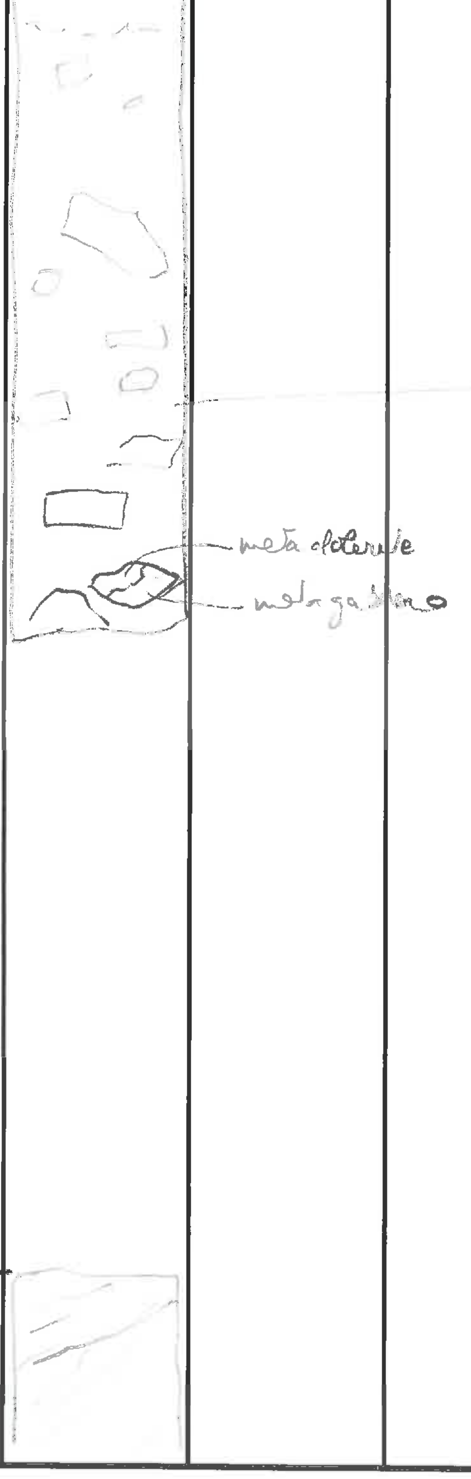
Observers
PM Shift

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





Unit 1 (0 cm); Unit 2 (74 cm)

Structure:
pebbles up to 3cm
tend to lie on their large faces
faint layering
mylonitic folds, foliation, semi-brittle
foliation app. 90–30°

Description:

1 – loose pebbles and unconsolidated Matrix-supported breccia

~~clean~~ from 0 to 34 cm loose pebbles

~~some~~ sigmoidal shaped and most are weakly to strongly foliated. 2 dominant rock types = metabasalts /probably and meta gabbro –
~~looks like~~ :

color of matrix : 5GY 7/2

looks like 0 to 35 cm in core 2R1

from 34 to ~~[illegible]~~ 54 cm – is matrix supported breccia, unconsolidated

34 to 74 cm is microbio sample that looks like, pebbles. look in photograph

matrix is talc-amph.-chlorite mud
Clasts are also probably metabasalt / metadolerite? and foliated meta gabbro ((talc)-amphibole-chlorite).

No veins

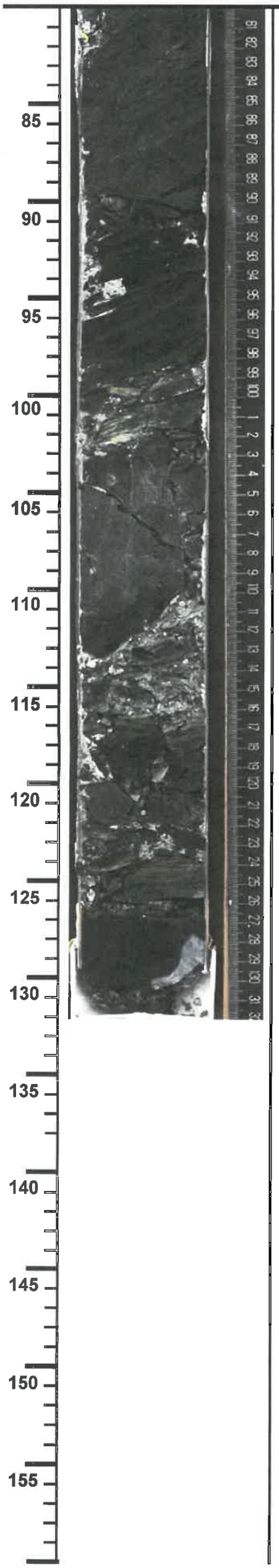
74 cm to end **Unit 2**
chlorite-amphibole schist. (deformation degree: very strong)
with metadolerite dikes

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

Exp.	Site	Hole	Core	Type	Section
357	75	B	3	R	1

Observers: PM Shilla

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



2

darker chilled margin? or alteration

meladolerite

drilling induced fractures

folds,

thin fractures

meladdlerite

Vein intensity = 1
irregular
single
massive
uniform

(Unit 2 continued):
chlorite - amphibole schist with meta dolerite dikes.

→ dikes: 102 - 106 cm.
and
126 - end.

schistosity: 74 - 127 cm,
planar, s-c, locally folded.

from 74 cm (top of unit) to contact W/ the first dike at 102 cm.
Schistose material is made of finely alternating yellowish green and dark grey levels

then below the dikes (110 - 116 cm) the schistose material is more water green with dark grey elongated lenses

meta gabbro? talc karing?

then below 116 cm
it is yellowish-green and dark grey again -

note: the entire unit is fractured and locally shattered → probably drilling induced.

Vein intensity = 2
IRREGULAR
ISOLATED
MASSIVE
UNIFORM / COMPOSITE