


IODP-MSP (Exp. 364) VISUAL SECTION UNIT DESCRIPTION

Exp. 364	Site 77	Hole A	Core 109	Type R	Section 3
-------------	------------	-----------	-------------	-----------	--------------

Date 1/10/16	Time 920	Observers AR, MP, LF, NT
-----------------	-------------	-----------------------------

[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Core Distance	CT	Description
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;">0</div> <div style="margin-bottom: 5px;">10</div> <div style="margin-bottom: 5px;">20</div> <div style="margin-bottom: 5px;">30</div> <div style="margin-bottom: 5px;">40</div> <div style="margin-bottom: 5px;">50</div> <div style="margin-bottom: 5px;">60</div> <div style="margin-bottom: 5px;">70</div> <div style="margin-bottom: 5px;">80</div> <div style="margin-bottom: 5px;">90</div> <div style="margin-bottom: 5px;">100</div> <div style="margin-bottom: 5px;">110</div> <div style="margin-bottom: 5px;">120</div> <div style="margin-bottom: 5px;">130</div> <div style="margin-bottom: 5px;">140</div> <div style="margin-bottom: 5px;">150</div> <div style="margin-bottom: 5px;">160</div> </div>		<p>→</p>	<p>Granite</p>	<p>18</p> <p>20</p>	<p>52</p> <p>52</p>	<p>52</p> <p>52</p>	<p>Granite facies</p>	<p>↳ closed and open fractures ~ 5 cm spacing</p> <p>22-52 cm: vertical shear zone, > 3 cm thick, cataclasite / fault gouge (not fully consolidated) possibly displaced at 52 cm by sinistral shear?</p> <p><u>coarse-grained granite</u></p> <ul style="list-style-type: none"> • K-fid (< 2.5 cm) ^{Pl microcryst} with nice zoning visible on CT scan • Plg. (up to 2 cm) [light yellow to white] (at 7-8 cm) • Qtz (< 2 cm) • Biotite (< 0.5 cm) - More abundant in the upper part of the core. <p>Network of thin veins / fractures in the lower 2/3 part of section.</p>