

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

Exp. 357	Site 76	Hole B	Core 3	Type R	Section 1
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Page: 1/2

Observers AAATP \$hlf

[cm]	Scanned Image	Unit	Sketch	Lithology	Alteration Veins and Structure	Description
0		1		<p style="text-align: center;">Rubble of Talc-dioritic schist, oxidized Serpentine</p>	<p>③ metagabbro - stark in the center with light green - AT: TAC → 100% - JA: TAC → 60% - amph, chl, ilc, oxides → metagabbro locally altered to ilc-amph-dl schist</p>	<p>① Oxidized pyroxene-bearing serpentinite as in 76B-2R1 Pyroxenes 2-10mm</p>
5						<p>Structure piece has rubble igneous matrix (gabbro/dioritic schist/andesite) + thin ilc-tremolite streaks 5mm</p>
10						<p>② Dark lithology with coarse pyroxenes to 2.3mm - previously gabbroic?</p>
15						<p>④ grey to dark green with dark red patches, orange (rusty) patches; Serp. 60% ox. 45% Serp. 100% ox. 40% Serp., oxides + small patches of bright orange Serpentine that has been locally, intensely oxidized</p>
20						<p>⑤ 8-67 subhedral veins / fragments</p>
25						<p>⑥ black to brown-orange AT: S → 70% O → 20% IA: S: 100%, P O: 50-60%, P serp, oxides, clays → highly oxidized serpentinitized dunite</p>
30						<p>⑦ 8-90 weakly oxidized mesh</p>
35						<p>⑧ Serpentinized Horstburgite (see previous core)</p>
40						<p>⑨ Serpentinized Dunite</p>
45						<p>⑩ Fractured, mainly intact</p>
50						<p>⑪ Serpentine with well-developed mesh texture, oxidized along cores?</p>
55						<p>⑫ Altered chromite to 1.5-2mm - some fresh, some oxidized</p>
60						<p>⑬ black + mgst-veins in the serpentinitization mesh texture</p>
65						<p>⑭ white to green; orange in the oxidized zone</p>
70						<p>⑮ white serp. veins</p>
75						<p>⑯ red + bright green green & dark red</p>
80						<p>⑰ only vein, wavy</p>

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<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;">81</div><div style="margin-bottom: 5px;">82</div><div style="margin-bottom: 5px;">83</div><div style="margin-bottom: 5px;">84</div><div style="margin-bottom: 5px;">85</div><div style="margin-bottom: 5px;">86</div><div style="margin-bottom: 5px;">87</div><div style="margin-bottom: 5px;">88</div><div style="margin-bottom: 5px;">89</div><div style="margin-bottom: 5px;">90</div><div style="margin-bottom: 5px;">91</div><div style="margin-bottom: 5px;">92</div><div style="margin-bottom: 5px;">93</div><div style="margin-bottom: 5px;">94</div><div style="margin-bottom: 5px;">95</div><div style="margin-bottom: 5px;">96</div><div style="margin-bottom: 5px;">97</div><div style="margin-bottom: 5px;">98</div><div style="margin-bottom: 5px;">99</div><div style="margin-bottom: 5px;">100</div><div style="margin-bottom: 5px;">101</div><div style="margin-bottom: 5px;">102</div><div style="margin-bottom: 5px;">103</div><div style="margin-bottom: 5px;">104</div><div style="margin-bottom: 5px;">105</div><div style="margin-bottom: 5px;">106</div><div style="margin-bottom: 5px;">107</div><div style="margin-bottom: 5px;">108</div><div style="margin-bottom: 5px;">109</div><div style="margin-bottom: 5px;">110</div><div style="margin-bottom: 5px;">111</div><div style="margin-bottom: 5px;">112</div><div style="margin-bottom: 5px;">113</div><div style="margin-bottom: 5px;">114</div><div style="margin-bottom: 5px;">115</div><div style="margin-bottom: 5px;">116</div><div style="margin-bottom: 5px;">117</div><div style="margin-bottom: 5px;">118</div><div style="margin-bottom: 5px;">119</div><div style="margin-bottom: 5px;">120</div><div style="margin-bottom: 5px;">121</div><div style="margin-bottom: 5px;">122</div><div style="margin-bottom: 5px;">123</div><div style="margin-bottom: 5px;">124</div><div style="margin-bottom: 5px;">125</div><div style="margin-bottom: 5px;">126</div><div style="margin-bottom: 5px;">127</div><div style="margin-bottom: 5px;">128</div><div style="margin-bottom: 5px;">129</div><div style="margin-bottom: 5px;">130</div><div style="margin-bottom: 5px;">131</div><div style="margin-bottom: 5px;">132</div><div style="margin-bottom: 5px;">133</div><div style="margin-bottom: 5px;">134</div><div style="margin-bottom: 5px;">135</div><div style="margin-bottom: 5px;">136</div><div style="margin-bottom: 5px;">137</div><div style="margin-bottom: 5px;">138</div><div style="margin-bottom: 5px;">139</div><div style="margin-bottom: 5px;">140</div><div style="margin-bottom: 5px;">141</div><div style="margin-bottom: 5px;">142</div><div style="margin-bottom: 5px;">143</div><div style="margin-bottom: 5px;">144</div><div style="margin-bottom: 5px;">145</div><div style="margin-bottom: 5px;">146</div><div style="margin-bottom: 5px;">147</div><div style="margin-bottom: 5px;">148</div><div style="margin-bottom: 5px;">149</div><div style="margin-bottom: 5px;">150</div><div style="margin-bottom: 5px;">151</div><div style="margin-bottom: 5px;">152</div><div style="margin-bottom: 5px;">153</div><div style="margin-bottom: 5px;">154</div><div style="margin-bottom: 5px;">155</div> </div>		<p style="text-align: center;">3</p>					