Depth CSF-A (m)
Core
Section
Image
Lithology
Vesicularity (low to high)
GR (NGR)r
0 (cps) 100
GR (NGR)
0 (cps) 100
Density (GRA)r
1.5 (g/cm3) 3
Density (GRA)
1.5 (g/cm3) 3
Density (MAD)
1.5 (g/cm3) 3
VP (G. XY)r
1000 (m/s) 6000
VP (G. XY)
1000 (m/s) 6000
MSP r
1 [SI] 10000
MSP
1 [SI] 10000
MS (WR)
1 [SI] 10000
MS (WR)r
1 [SI] 10000
Porosity (MAD meth. C)
0 (%) 100
Porosity (MAD meth. D)
0 (%) 100
Grain density (MAD)
2.2 (g/cm3) 3.2
Thermal conductivity
0.5 (W/[m·K]) 2.5
Comments
140
150
25R
26R
27R
28R
29R
High GR granitic sediment
Upper portion of thin pahoehoe lava lobe underlying thin sandstone
High GR granitic sediment
Highly vesicular pahoehoe lava lobes with sediment stringers
High GR granitic sediment
Highly vesicular compound pahoehoe lava flows with serrated log motif in Vp and density
Simple lava flow unit displaying classic assymetric Vp and density distributions
High GR granitic sediment
Simple lava flow unit displaying classic assymetric Vp and density distributions
MS increase within flow base and baked underlying sediments
Basalt contact with mixed granitic and volcaniclastic breccia transitioning into high gamma weathered granitic basement