

Supplemental Material

Table S1. Travel times of buffer rod in this study.

Oil load*	T	$2t_{P_{bf}}$	$2t_{S_{bf}}$	P
(bar)	(K)	(μ s)	(μ s)	(GPa)
90	323	0.6892(2)	1.1746(2)	6.2
90	776	0.6938(2)	1.1920(2)	7.6
90	667	0.6928(2)	1.1870(2)	7.4
90	570	0.6920(2)	1.1836(2)	7.1
90	472	0.6908(2)	1.1798(2)	6.7
90	328	0.6896(2)	1.1750(2)	6.1
60	322	0.6916(2)	1.1774(2)	5.6
60	785	0.6956(2)	1.1960(2)	6.9
60	674	0.6942(2)	1.1906(2)	6.8
60	576	0.6934(2)	1.1864(2)	6.6
60	470	0.6926(2)	1.1826(2)	6.2
60	329	0.6912(2)	1.1776(2)	5.6
30	309	0.6934(2)	1.1828(2)	4.3
30	782	0.6992(2)	1.2026(2)	5.6
30	661	0.6978(2)	1.1968(2)	5.4
30	573	0.6966(2)	1.1930(2)	5.2
30	468	0.6954(2)	1.1888(2)	4.9
30	316	0.6938(2)	1.1836(2)	4.3
10	310	0.6992(2)	1.1916(2)	2.6
10	779	0.7048(2)	1.2144(2)	3.1
10	673	0.7038(2)	1.2098(2)	2.9
10	571	0.7022(2)	1.2048(2)	2.8
10	474	0.7012(2)	1.1998(2)	2.7
10	318	0.6992(2)	1.1932(2)	2.3
10	776	0.7052(2)	1.2142(2)	3.2
10	674	0.7046(2)	1.2094(2)	3.0
10	571	0.7032(2)	1.2046(2)	2.8
10	473	0.7018(2)	1.1996(2)	2.8
10	343	0.6998(2)	1.1938(2)	2.5
*: oil loads are recorded on the way of decompression.				