

SAMPLES FOR PETROLOGY – THYLACINE-1

Sample #	Depth (m)	Sample type	PETROLOGICAL ANALYSES						CORE ANALYSES		
			MA	GSA	XRDb	XRdf	SEM	PM	Por (%)*	Perm (md)*	GD (g/cc)
M1	2050.0	msct	X	X				X	16.9	1.72	2.721
M2	2053.0	msct	X	X				X	19.7	17.5	2.674
M3	2055.0	msct	X	X				X	19.6	13.7	2.679
M4	2066.3	msct	X	X				X	21.3	46.3	2.653
M5	2076.5	msct	X	X				X	10.7	0.030	3.062
M6	2092.2	msct	X	X				X	23.0	45.2	2.672
M7	2094.0	msct	X	X				X	20.8	13.9	2.760
M8	2133.0	msct	X	X				X	19.7	3.77	2.684
M9	2139.1	msct	X	X				X	16.1	0.814	2.683
M10	2143.6	msct	X	X				X	20.8	24.7	2.649
M12	2165.9	msct	X	X				X	23.0	1590	2.653
5	2166.81	core	X	X	X	X	X	X	17.8	6.66	2.643
-	2170.40	core					X		-	-	-
14	2171.19	core	X	X	X		X	X	21.8	99.5	2.664
22	2173.40	core	X	X	X		X	X	11.7	0.483	2.689
24	2173.83	core	X	X	X		X	X	18.5	1240	2.657
25	2174.10	core	X	X	X		X	X	13.2	3.27	2.675
28	2174.80	core	X	X	X		X	X	20.9	3430	2.653
-	2180.06	core					X		-	-	-
46	2180.10	core	X	X	X		X	X	23.2	4710	2.648
55	2182.92	core	X	X	X		X	X	17.7	109	2.659
-	2184.76	core					X		-	-	-
62	2184.89	core	X	X	X	X	X	X	15.2	127	2.648
67	2186.60	core	X	X	X		X	X	17.0	1.93	2.745
69	2187.10	core	X	X	X		X	X	20.1	22.1	2.676
-	2187.22	core					X		-	-	-
-	2188.61	core					X		-	-	-
80	2192.71	core	X	X	X		X	X	21.1	524	2.658
-	2192.93	core					X		-	-	-
83	2193.59	core	X	X	X	X	X	X	15.6	106	2.669
M13	2230.0	msct	X	X				X	19.5	40.1	2.646
SWC 37	2255.5	swc	X	X				X	-	-	-
SWC 34	2277.0	swc	X	X				X	-	-	-
SWC 31	2306.0	swc	X	X				X	-	-	-
SWC 25	2397.7	swc	X	X				X	-	-	-
SWC 23	2417.0	swc	X	X				X	-	-	-
SWC 20	2437.5	swc	X	X				X	-	-	-
SWC 12	2575.0	swc	X	X				X	-	-	-

MA = modal analysis GSA = grain size analysis XRDb = bulk rock X-ray diffraction analysis XRdf = fine fraction X-ray diffraction analysis
SEM = scanning electron microscopy PM = photomicroscopy

* ambient; air