Thermal Conductivity Core Track Sheets

EXP	SITE	HOLE	CORE	SEC	OFFSET	NEEDLE or PUCK #	THERMCON VALUES	NOTES
396	1572	B	10H	3	104	puck H11017	~~3.189~~ ignore ~~3.210~~ ~~3.188~~	second measurement on this core @ different offset
396	1572	B	10H	3	104	puck H11017	— 0.898 0.882	
396	1572	B	11H	7	12		0.902 0.894 0.890	ash layer
396	1572	B	11H	7	48		~~0.842~~ 0.930 0.913	ignore! shale beneath ash
			12H	6	65		— 0.557 —	ash layer tried twice may be; bad contact
			12H	6	46		— — —	moved to clay above ash bed
			13H	6	63		— — —	
			19F	3	60		— 0.718 —	
			30X	1	21		— — —	andesite tried 3 times
		1573A	11R1		136		1.283 — —	
		1573A	12R	1	88		— — —	

1573A 13R 2 88 H11017 1.403
1573A 12R 1 137 — 1.396
1.426
1.341

11 1572 B

11 1573 A

Thermal Conductivity Core Track Sheets

EXP	SITE	HOLE	CORE	SEC	OFFSET	NEEDLE or PUCK #	THERMCON VALUES	NOTES
396	1572	B	1H	2	69	Needle V10702	1.042	
							1.036	
							—	
396			same			same	0.998	
							1.029	
396	1572	B	2H	2	73	Needle V10702	—	ran twice
							1.020	"
							—	
		B	3H	2	58		1.225	stop (interpret) Hiyan
							1.208	
							1.222	
396	1572		4H	2	74	after this measurement the needle was tested on standard ok.	1.616	too high
							1.568	high.
							1.582	re-measured
396	1572		4H	2	55	Needle V10702	1.221	@ different location
							1.209	
							1.220	
			5H	2	60	— " —	1.238	
							1.247	
							1.253	
			6H	2	59	— " —	—	
							1.136	
							—	
			6H	3	73	— " —	1.134	
			7H	3	74	"	1.110	
							1.112	
							1.113	
			8H	3	72		1.318	
							1.318	
							1.321	
			6H	3	69		↓	
			10H	3	62	puck	3.147 ~~3.229~~ ~~3.217~~	wrong settings! IGNORE

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EXP	SITE	HOLE	CORE	SEC	OFFSET	NEEDLE or PUCK #	THERMCON VALUES	NOTES
396		1572A	38R	1	90	puck H 11017	1.426	
							1.386	
							—	
396	1572A	1572A	36R	1	60		1.501	
							1.424	
							1.468	
396	1572A	"	37R	3	15		1.334	
							1.315	
							,	
	A		40R	3	24		1.634	
							1.602	
							1.588	
	1572A		42R	2	22			
396	1572A		43	2	59		1.599	
							1.558	
							1.572	
396	1572A	"	45R	2	10		1.654	
							1.628	
							1.664	
396	1572A		46R	4	19		1.503	
							1.522	
							1.533	
	end of	1572A						

Thermal Conductivity Core Track Sheets

EXP	SITE	HOLE	CORE	SEC	OFFSET	NEEDLE or PUCK #	THERMCON VALUES	NOTES
396	1572	A	24R	3	84	puck	1.586	
							1.540	
							1.536	
396	1572	A	26R	3	~~108~~ 32	puck	1.342	
							1.406	
							1.425	
396	1572	A	~~26~~ 25R	3	~~32~~ 100	puck	1.413	
							1.295	
							1.639	
396	1572	A	27R	3	75	puck	1.614	
							1.547	
							1.591	
396	1572	A	29R	3	67	puck	1.593	
396	1572	A	32R	1	71	〃	1.430	
							1.602	
							1.630	
396	1572	A	33R	3	11	puck H11060	1.500	
							1.377	
							1.448	
396	1572	A	34R	1	81	puck H11060	1.505	run twice
							—	
							1.362	
the same sample		A	—	〃	—	〃	1.416	
							—	
396	1572	A	34R	1	81.5	changed to puck H11017	1.400	
							1.383	
							1.396	
			35R	1	25		1.436	
							1.504	
							1.516	

Thermal Conductivity Core Track Sheets

EXP	SITE	HOLE	CORE	SEC	OFFSET	NEEDLE or PUCK #	THERMCON VALUES	NOTES
396	1572	A	9R	1	35	puck H11060	0.953	
							0.966	
							0.958	
396	1572	A	10R	2	15		—	green shale above "fresh" ash bed (gray glass)
							0.853	
							0.92	
396	1572	A	10R	2	35	! may relate to washed-out ash layer = poor contact with puck	—	ash bed
							0.583	"grey glass"
							0.575	may be poor contact with the end
396	1572	A	10R	2	46		0.877	brown shale
							0.877	beneath
							0.869	ash
396	1572	A	15R	4	22	puck. cores 11 – 13 did not have proper samples for tcon	0.831	grey ash
							0.818	
							0.800	
396	1572	A	15R	4	43		0.773	green shale
							0.794	below ash
							0.818	
396	1572	A	15R	4	9		0.813	green shale
							0.780	above ash
							—	
396	1572	A	17R	1	84		0.739	laminated
							0.715	section
							0.720	
396	1572	A	20R	cc	13		0.741	
							0.757	
							0.758	
396	1572	A	21R	2	77		—	black ash
							—	
							0.827	
	1572	A	21R	2	60	bad reading	—	brown shale
							0.412	above ash
							—	

1572 A 23R 1 118

1,189
1,187
1,164