

2010 Sonora Angora Goat Central Performance Test Final report

July 29, 2010

R e g	Test No.	Flock No.	Birth date	Birth type	Start Wt. 3/10	Final Wt. 6/30	Total ADG lbs	Body ADG lbs	Fleece (180 day basis)			Lock Avg. in.	Length STD in.	Fiber Diam.		Med %	Kemp %	Visual Scores			Scrot. Circ. (cm)	Index INDEX Ratio		
									Grease wt. lbs	Clean wt. lbs	Clean wt. lbs			Yield %	Avg.			STD	Face	Neck			Char	
Pen 2 Davis, John, Midland, TX																								
Sire:WBS 141																								
R	1	1501	3/.	S	105	174	.62	.53	15.0	12.1	11.9	80.5	6.96	.25	39.3	11.8	0.10	.20	2.2	3.0	2.8	29.5	48.6	119.8
R	2	1533	3/.	S	81	143	.55	.50	10.3	8.0	8.1	77.8	7.65	.20	35.1	10.0	0.50	.30	1.7	3.0	2.8	27.2	38.7	95.2
R	3	1537	3/.	Tw	94	144	.45	.36	15.2	11.2	11.1	73.8	7.59	.06	40.9	11.3	0.70	.00	3.0	3.3	3.2	26.8	36.1	88.8
Pen 3 Naumann, Bonnie & Dale, Bandera, TX																								
Sire:NAUMANN 957																								
R	4	1289	2/19	S	99	152	.47	.40	12.3	9.5	9.4	77.3	6.69	.10	32.5	9.1	1.00	.00	2.3	2.8	3.7	30.2	43.5	107.2
Sire:NAUMANN 1013																								
R	5	1298	2/23	Tw	98	163	.58	.52	10.8	8.3	8.2	77.5	6.27	.12	31.2	10.1	0.70	.30	3.3	3.3	3.5	32.1	41.1	101.3
Sire:NAUMANN 407																								
R	6	1300	2/23	Tw	118	188	.63	.55	13.5	10.0	9.7	74.4	6.74	.06	32.7	9.9	0.30	.00	3.5	3.2	3.8	29.8	50.2	123.7
R	7	1301	2/23	Tw	98	171	.65	.59	11.0	8.7	8.6	79.4	6.37	.17	30.7	9.4	0.30	.00	3.3	3.0	3.8	26.3	46.8	115.1
R	8	1316	3/9	Tw	113	180	.60	.54	10.8	8.1	7.8	75.0	6.58	.12	30.7	9.3	0.20	.00	1.3	2.7	3.5	32.0	48.8	120.2
Sire:NAUMANN 957																								
R	9	1333	4/8	S	109	173	.57	.48	16.6	10.4	10.2	62.9	6.90	.15	30.9	9.2	0.00	.00	3.8	3.7	3.8	31.8	51.6	126.9
Pen 4 Evans, Bo, Bandera, TX																								
Sire:NAUMANN 407																								
R	10	565	2/15	Tw	114	176	.55	.48	13.7	9.1	8.8	66.3	6.37	.35	36.8	11.0	0.40	.20	2.2	3.0	3.3	32.9	38.6	95.0
Pen 5 Turner, Kim, Uvalde, TX																								
Sire:779 TURNER																								
R	11	1184	2/12	Tw	116	172	.50	.45	8.8	5.8	5.5*	66.1	5.47	.15	28.1	7.9	0.40	.10	1.0	2.2	3.7	32.1	37.7	92.8
Sire:843 TURNER																								
R	12	186	2/12	S	93	152	.53	.44	14.5	9.7	9.6	66.5	6.96	.21	35.5	11.1	0.20	.00	2.3	3.3	2.7	26.8	40.0	98.5
Sire:SPECK 4141																								
N	13	1223	3/2	S	95	155	.54	.48	10.0	7.2	7.1*	71.6	6.64	.12	28.3	7.0	0.00	.20	4.0	3.5	3.8	28.4	39.1	96.3
Pen 6 Cerulean Farm, Harrah, OK																								
Sire:CERULEAN 2005																								
R	14	2306	3/14	Tw	85	160	.67	.59	14.6	9.6	9.6	66.0	6.00	.06	36.6	9.9	0.20	.00	1.0	3.3	3.8	28.0	47.2	116.1
R	15	2311	3/16	S/	93	156	.56	.48	15.4	9.1	9.0	59.1	6.42	.50	36.7	10.4	0.80	.10	3.0	3.2	3.2	30.2	34.6	85.2
R	16	2316	3/18	Tw	92	154	.55	.45	18.2	12.0	12.0	66.2	6.80	.06	36.1	10.8	0.50	.20	2.8	3.3	3.2	30.0	48.3	118.9
R	17	2320	3/19	Tw	80	156	.68	.56	21.1	14.6	14.6	69.1	7.33	.66	38.9	14.8	0.10	.00	2.7	3.3	2.5	30.6	58.1	143.1
R	18	2321	3/19	Tw	66	128	.55	.47	15.2	10.2	10.4	67.5	7.01	.35	38.9	11.0	0.40	.20	2.3	3.2	2.5	24.5	35.4	87.1
R	19	2329	3/22	S	80	171	.81	.70	19.4	13.0	13.1	67.1	7.12	.25	34.4	12.7	0.30	.20	2.8	3.0	3.0	31.1	63.6	156.6
R	20	2334	3/24	Tw	74	139	.58	.47	19.0	11.2	11.3	58.9	7.33	.10	35.2	9.1	0.30	.00	2.3	3.3	3.2	30.0	48.9	120.3
R	21	2340	3/29	S	89	163	.66	.53	22.6	13.0	12.9	57.3	6.96	.21	36.0	12.2	0.30	.00	3.0	3.5	3.0	28.1	55.2	135.8

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R e g No.	Test Flock No.	Birth date	Birth type	Start Wt. 3/10	Final Wt. 6/30	Total		Fleece (180 day basis)			Lock Avg. in.	Length STD in.	Fiber Diam.		Med %	Kemp %	Visual Scores			Scrot. Circ. (cm)	Index INDEXT Ratio		
						ADG lbs	Body ADG lbs	Grease wt. lbs	Clean wt. lbs	Clean wt. lbs			Yield %	Avg. microns			STD	Face	Neck			Char	
Pen 8 Haby & Coates, Uvalde, TX																							
Sire:FLS 4745																							
R 22	4	2/9	S	100	153	.47	.41	10.8	8.0	7.9	74.4	6.85	.17	36.2	9.9	0.30	.20	2.3	3.0	3.2	26.9	32.0	78.7
R 23	22	2/14	Tw	90	134	.39	.31	14.3	11.0	11.0	77.1	6.80	.40	32.6	8.3	0.00	.10	2.2	3.2	3.3	27.1	45.8	112.7
R 24	32	2/19	S	103	153	.45	.38	12.3	9.3	9.1	75.0	6.74	.31	34.8	11.3	0.10	.50	2.8	3.3	3.5	30.0	37.4	92.2
R 25	33	2/19	S	90	154	.57	.49	13.7	11.3	11.2	82.1	7.38	.15	35.4	9.4	0.00	.00	3.0	3.5	3.8	25.5	50.6	124.6
R 26	36	2/19	S	108	148	.36	.32	6.7	5.3	5.1*	79.9	7.22	.68	29.8	7.3	0.40	.30	1.8	3.0	2.8	29.5	29.3	72.1
R 27	42	2/19	S	81	131	.45	.40	8.5	6.6	6.6*	77.1	6.11	.21	29.7	8.6	0.10	.20	3.3	3.5	3.3	27.3	29.4	72.5
R 28	57	3/1	S	104	159	.49	.40	15.6	11.2	11.0	71.7	7.54	.23	38.7	11.2	0.20	.00	2.7	3.3	2.8	31.0	41.8	103.0
Pen 10 Deike, Larry & Jodie, Fredericksburg, TX																							
Sire:389 BS																							
R 29	1366	2/.	S	67	130	.56	.50	11.7	8.0	8.2	68.6	6.85	.35	33.5	11.4	0.30	.10	0.8	2.5	2.8	29.0	38.8	95.5
Sire:1208 LJD																							
R 30	1378	2/.	S	73	130	.51	.41	17.4	11.8	11.9	67.8	7.54	.31	38.5	11.4	0.50	.10	1.2	3.3	2.8	31.0	47.0	115.6
Sire:389 BS																							
R 31	1390	2/.	Tw	80	136	.50	.38	21.8	15.2	15.3	70.0	6.74	.32	41.0	12.0	0.70	.20	3.7	3.5	2.3	31.6	45.6	112.3
Sire:1208 LJD																							
R 32	1404	2/.	S	97	176	.71	.62	15.4	11.2	11.1	72.7	7.43	.72	39.0	10.5	0.30	.50	1.0	3.0	3.2	31.1	54.1	133.1
Pen . Kuebel, Fritz JR, Blanco, TX																							
Sire:SPECK 2491																							
R 33	613	2/16	Tw	68	130	.55	.50	9.1	6.7	6.9*	74.2	6.48	.12	28.6	9.3	0.10	.10	2.0	2.8	3.5	27.8	39.2	96.5
R 34	635	3/.	S	85	150	.58	.51	12.1	8.8	8.8	72.5	6.11	.40	40.4	12.3	0.70	.30	2.3	3.3	2.8	29.3	28.7	70.6
Sire:SPECK 2175																							
R 35	642	4/.	S	78	124	.41	.35	10.0	7.3	7.4*	73.7	6.32	.29	31.5	9.6	0.60	.00	2.2	2.8	3.2	27.8	30.7	75.7
Pen 11 Lawrence Angoras, Comanche, TX																							
Sire:664696-2005																							
R 36	514	2/.	S	98	141	.38	.34	8.3	6.0	5.9*	72.4	5.84	.21	32.9	8.5	0.30	.00	0.5	1.7	2.8	26.2	23.8	58.6
Sire:667414-2007																							
R 37	518	2/.	S	114	160	.41	.34	11.6	8.3	8.0	71.3	6.69	.26	32.2	8.4	0.10	.30	1.3	2.7	3.5	27.9	40.4	99.6
Pen 12 Duvall, Bucky & Judy, Coleman, TX																							
Sire:2507 DUVALL																							
R 38	2712	2/8	S	118	166	.43	.36	12.4	8.5	8.2	68.9	6.53	.10	38.5	12.2	0.50	.10	1.2	2.7	3.7	26.2	33.3	82.0
Sire:3932 SPECK																							
R 39	2721	2/10	Tw	99	169	.63	.56	11.2	7.6	7.5*	68.2	6.53	.17	28.4	8.7	0.00	.00	3.0	3.2	3.8	28.0	46.6	114.7
R 40	2727	2/11	Tw	98	139	.37	.29	14.3	9.8	9.7	68.3	7.06	.40	37.6	11.0	0.50	.20	1.8	3.0	3.5	25.5	35.1	86.4
R 41	2729	2/20	Tw	73	123	.45	.37	13.1	8.5	8.6	65.1	5.79	.65	36.5	11.4	0.20	.00	2.2	3.5	3.3	25.9	28.3	69.6

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					Start Wt. 3/10	Final Wt. 6/30	ADG lbs	Body ADG lbs	Grease wt. lbs				Clean wt. lbs	Clean wt. lbs			Avg. microns	STD	Face				Neck	Char																			
Pen 13																						Ross, Joe David, Sonora, TX																					
N	42	910	./.		65	130	.58	.50	14.2	10.6	10.8	75.0	7.12	.15	35.3	9.8	0.10	.10	2.5	3.0	3.7	28.0	45.9	113.1																			
N	43	910	./.		83	138	.49	.43	10.9	8.5	8.5	78.0	7.17	.30	43.1	9.7	0.00	.10	1.2	2.3	3.2	31.8	26.1	64.4																			
N	44	910	./.		75	144	.62	.56	9.4	7.2	7.3*	76.7	6.80	.31	36.0	11.0	0.20	.00	1.2	2.7	2.7	28.0	34.2	84.1																			
Pen 14																						Ross, David, Sonora, TX																					
N	45	19	./.		85	140	.49	.42	12.0	9.1	9.1	75.9	6.74	.25	30.3	8.2	0.30	.10	1.2	2.2	3.3	32.0	46.9	115.4																			
N	46	916	./.		73	136	.56	.51	8.7	6.9	7.0*	78.6	6.74	.25	34.2	8.4	0.30	.10	1.5	2.8	2.5	30.5	32.1	78.9																			
N	47	72	./.		126	189	.56	.46	18.3	14.4	14.0	79.0	7.81	.10	43.9	13.1	0.10	.00	2.0	2.8	3.2	33.0	54.1	133.2																			
N	48	901	./.		82	143	.54	.45	16.3	13.2	13.2	81.0	7.65	.20	42.3	12.0	0.00	.00	1.0	2.8	2.7	32.5	48.7	119.9																			
N	49	902	./.		103	155	.46	.38	15.6	11.7	11.5	75.0	6.53	.17	39.0	11.0	0.00	.00	1.0	2.3	2.3	31.5	41.7	102.6																			
Pen 15																						Holman, Jimmy, Sonora, TX																					
N	50	9129	./.		92	154	.55	.48	13.7	10.7	10.6	78.2	7.17	.00	34.2	11.3	0.30	.10	3.3	3.3	3.0	31.0	45.7	112.4																			
N	57	9152	./.		117	180	.56	.46	18.0	12.7	12.4	70.7	7.12	.38	41.8	13.7	0.00	.00	2.3	3.7	3.2	31.0	48.0	118.1																			
Pen 16																						Belk, Allen, Winters, TX																					
																						Sire:CERULEAN 2128																					
R	58	386	3/.	S	55	132	.69	.62	12.2	8.3	8.5	67.9	7.06	.21	37.7	10.9	0.20	.10	0.7	2.0	3.3	27.4	38.4	94.5																			
R	59	383	3/.	S	51	141	.80	.72	15.4	9.6	10.0	62.5	6.96	.12	40.0	11.7	0.80	.40	0.7	1.3	2.8	27.2	41.7	102.7																			
R	60	373	3/.	S	46	137	.81	.74	13.6	8.9	9.3	65.6	7.17	.36	35.5	11.2	0.50	.00	0.8	2.2	2.5	27.5	46.6	114.7																			
R	61	366	3/.	Tw	58	142	.75	.68	13.1	8.7	9.0	66.7	6.53	.20	36.7	11.0	0.10	.00	0.8	2.5	3.0	29.2	42.7	105.0																			
R	62	356	3/.	S	50	121	.63	.52	19.5	13.4	13.8	69.0	7.65	.26	43.8	13.7	0.00	.00	2.0	3.5	3.3	26.9	47.4	116.8																			
R	63	355	3/.	S	48	135	.78	.70	13.4	8.8	9.2	66.1	6.96	.32	39.8	12.3	0.40	.30	0.8	2.5	3.2	28.0	40.2	99.0																			
																						Sire:BELK 228																					
R	64	395	3/.	S	62	140	.70	.64	10.7	7.1	7.3*	66.1	6.69	.20	35.3	11.6	0.00	.10	0.7	1.2	3.0	24.0	35.2	86.8																			
R	66	420	3/.	S	50	124	.66	.60	11.3	7.9	8.2	69.9	7.43	.15	37.9	11.4	0.30	.40	0.8	2.2	3.0	28.0	35.8	88.1																			
R	67	424	3/.	S	63	137	.66	.59	11.9	8.9	9.1	74.9	6.96	.32	35.4	11.5	0.30	.10	1.2	3.0	3.0	27.1	43.9	108.1																			
R	68	433	3/.	S	50	125	.67	.62	8.6	6.0	6.3*	69.8	7.01	.17	35.9	11.5	0.20	.00	1.0	2.5	2.8	26.0	30.8	75.7																			
																						Sire:BELK 7141																					
R	69	343	3/.	S	55	121	.59	.50	15.8	11.0	11.3	69.5	7.01	.44	39.9	12.7	0.00	.10	2.2	3.0	2.8	28.9	38.3	94.4																			
Pen 18																						Renfroe, C.E., Christoval, TX																					
																						Sire:CER 4162																					
R	70	4262	3/.	S	85	146	.54	.46	14.2	11.6	11.6	81.8	7.17	.00	43.7	14.4	0.60	.00	1.8	3.2	1.7	29.1	34.9	85.9																			
R	71	4272	3/.	S	82	133	.46	.39	11.1	7.7	7.7*	69.0	6.80	.21	35.0	9.1	0.00	.00	1.5	2.7	2.7	28.2	30.6	75.3																			
R	72	4280	3/.	S	66	107*	.37	.29	14.2	10.2	10.4	72.3	6.05	.20	38.8	9.9	0.10	.00	3.5	3.5	2.2	29.0	21.8	53.6																			
Pen 19																						Epps, Virginia, Sonora, TX																					
	73	.	./.		72	133	.54	.46	14.6	10.2	10.3	69.9	7.06	.21	47.4	12.2	0.00	.00	1.0	3.0	2.2	30.0	25.9	63.8																			
	74	.	./.		73	144	.63	.54	16.0	12.2	12.4	76.5	7.75	.06	43.0	11.6	0.30	.20	2.3	3.0	3.0	32.0	44.1	108.5																			
	75	.	./.		73	138	.58	.51	11.8	7.8	7.9*	65.9	6.58	.06	38.2	11.1	0.40	.10	1.5	2.8	3.0	25.8	30.5	75.2																			

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**Diameter report**

TEST No.	Core			Diameter, microns			Standard deviation		
	Diam.	Stan.	Dev.	Neck	Side	Britch	Neck	Side	Britch
1	39.30	11.76		39.0	39.7	42.1	10.8	9.7	13.2
2	35.11	9.98		35.5	34.5	39.4	9.1	9.6	13.0
3	40.88	11.27		38.8	39.8	40.7	8.8	9.0	12.5
4	32.52	9.14		27.6	30.9	37.3	8.2	8.8	13.2
5	31.21	10.09		30.7	31.6	33.9	7.8	7.8	10.5
6	32.65	9.85		28.1	32.0	36.8	7.4	8.2	13.1
7	30.68	9.39		27.2	29.1	34.6	6.0	5.9	11.1
8	30.70	9.27		28.7	29.3	34.1	8.5	9.3	14.0
9	30.89	9.16		31.4	29.1	32.9	9.3	9.6	12.8
10	36.82	11.00		34.3	35.1	43.1	9.5	9.2	14.5
11	28.08	7.90		25.5	26.1	31.9	6.7	6.4	9.0
12	35.48	11.14		32.7	33.7	45.1	8.9	8.3	14.7
13	28.32	6.95		29.1	26.7	32.1	8.6	7.6	9.0
14	36.58	9.90		34.9	34.6	41.6	9.5	8.1	11.0
15	36.66	10.35		35.9	37.3	43.5	9.2	10.6	11.3
16	36.11	10.83		35.1	38.0	46.1	10.9	11.5	16.2
17	38.93	14.84		41.1	44.2	54.5	14.0	12.8	18.4
18	38.89	11.03		40.6	38.4	50.2	11.8	10.0	17.9
19	34.40	12.71		34.6	37.8	44.5	10.8	12.3	18.6
20	35.16	9.06		37.3	34.9	46.9	9.2	9.1	14.7
21	36.03	12.21		40.9	38.5	40.5	10.9	9.6	13.1
22	36.16	9.85		34.9	34.5	41.5	10.6	9.1	9.3
23	32.63	8.26		34.4	34.8	40.4	6.8	7.0	11.0
24	34.80	11.26		31.8	34.9	40.7	9.7	9.2	10.8
25	35.37	9.37		34.5	33.2	38.5	7.9	8.3	10.5
26	29.77	7.34		30.0	28.9	32.8	6.8	8.0	7.7
27	29.69	8.58		30.4	29.9	33.4	8.7	9.2	9.6
28	38.66	11.21		39.8	40.7	45.8	11.3	9.0	11.9
29	33.52	11.42		33.2	32.8	36.9	10.6	12.5	13.0
30	38.53	11.39		40.1	38.4	44.7	12.3	10.7	13.9
31	41.04	12.04		45.7	43.7	54.5	11.1	9.8	14.5
32	39.01	10.50		36.0	37.8	45.7	10.1	8.9	12.6
33	28.63	9.33		27.2	27.9	33.7	7.1	7.5	12.4
34	40.43	12.28		36.5	41.5	47.0	10.0	9.9	14.9
35	31.51	9.62		26.0	27.6	31.9	6.3	6.4	9.0
36	32.87	8.49		27.1	28.5	36.4	5.0	4.5	7.7
37	32.22	8.35		30.0	29.4	35.1	6.8	6.9	11.1
38	38.53	12.21		27.2	27.2	34.2	5.3	4.8	8.9
39	28.42	8.71		28.0	26.3	33.8	7.1	6.4	10.7
40	37.55	10.98		37.1	35.5	39.9	9.5	8.8	10.2
41	36.49	11.37		38.0	34.8	44.1	9.5	8.4	11.1
42	35.27	9.82		34.3	34.3	40.4	10.0	8.6	14.1
43	43.11	9.72		44.2	41.0	46.2	9.5	7.2	10.1
44	35.97	11.02		37.2	36.2	46.8	11.7	10.5	14.2
45	30.27	8.15		30.2	31.0	39.8	9.4	9.8	12.7
46	34.16	8.36		35.7	30.9	35.4	8.2	6.6	10.2
47	43.87	13.06		43.4	47.7	50.2	13.3	12.6	15.5
48	42.34	11.96		38.5	42.4	46.7	9.9	10.2	13.8
49	38.95	11.02		36.2	39.2	42.6	9.7	12.3	13.5
50	34.19	11.26		37.0	34.4	41.9	12.5	10.2	15.3
57	41.76	13.74		44.3	41.0	46.1	13.8	13.0	14.6
58	37.74	10.87		39.0	36.3	40.1	12.0	10.6	15.4
59	39.95	11.67		38.8	36.5	53.2	13.9	9.3	16.3
60	35.51	11.24		35.9	36.6	41.3	11.1	12.1	18.7

### Diameter report

TEST No.	Core		Diameter, microns			Standard deviation		
	Diam.	Stan. Dev.	Neck	Side	Britch	Neck	Side	Britch
61	36.68	11.02	36.6	33.5	46.6	12.4	10.6	16.0
62	43.83	13.74	49.3	45.2	48.7	12.4	11.7	16.0
63	39.84	12.25	43.1	38.5	41.4	13.7	10.1	13.8
64	35.31	11.56	31.0	32.1	41.9	14.6	10.7	16.4
66	37.89	11.39	37.5	38.1	40.2	12.0	10.0	15.8
67	35.41	11.46	34.8	32.5	37.5	12.3	9.8	16.4
68	35.87	11.48	34.4	34.4	44.2	11.5	10.9	16.3
69	39.88	12.73	43.2	41.8	49.7	11.1	11.2	17.6
70	43.72	14.36	41.1	40.5	49.4	12.3	12.7	14.0
71	34.96	9.05	31.5	31.5	42.1	7.5	7.0	11.1
72	38.79	9.91	40.4	41.1	47.6	9.5	9.5	21.0
73	47.35	12.19	47.5	46.2	50.2	11.4	12.4	12.8
74	42.97	11.63	44.6	43.5	52.3	12.3	11.1	18.8
75	38.21	11.14	40.2	36.7	48.6	11.3	11.8	14.7
Average:	36.25	10.68	35.7	35.5	42.0	10.0	9.4	13.3

2010 Sonora Angora Goat Central Performance Test, July report

### Medullation Report

Test No.	Core		Neck		Side		Britch	
	Med, %	Kemp, %	Med, %	Kemp, %	Med, %	Kemp, %	Med, %	Kemp, %
1	0.10	0.20	4.49	0.17	2.06	0.75	3.35	1.35
2	0.50	0.30	2.69	0.77	1.74	0.29	1.96	0.06
3	0.70	0.00	0.54	0.00	1.96	1.00	1.71	0.23
4	1.00	0.00	0.51	0.81	1.57	1.34	1.86	2.81
5	0.70	0.30	0.49	0.20	1.66	1.17	1.11	0.13
6	0.30	0.00	0.30	0.02	1.27	0.18	1.19	0.03
7	0.30	0.00	0.56	0.27	0.95	0.58	1.12	0.08
8	0.20	0.00	0.56	0.13	1.05	0.70	1.42	0.76
9	0.00	0.00	0.22	0.02	0.83	0.23	1.48	0.22
10	0.40	0.20	0.92	0.09	0.93	0.14	3.11	0.70
11	0.40	0.10	0.75	0.31	0.82	0.45	0.31	0.05
12	0.20	0.00	0.82	0.02	2.51	0.22	1.52	0.00
13	0.00	0.20	0.82	0.17	1.00	0.14	0.46	0.18
14	0.20	0.00	1.19	0.44	1.51	0.34	1.15	0.10
15	0.80	0.10	0.55	0.26	1.13	1.16	1.92	1.18
16	0.50	0.20	1.59	2.11	2.02	1.98	3.88	0.75
17	0.10	0.00	1.43	0.31	2.82	0.42	5.26	0.57
18	0.40	0.20	1.54	0.94	2.27	1.05	2.81	0.21
19	0.30	0.20	0.93	0.31	1.21	0.61	2.95	0.70
20	0.30	0.00	0.93	1.14	1.89	0.78	3.31	1.33

### Medullation Report

Test No.	Core		Neck		Side		Britch	
	Med, %	Kemp, %	Med, %	Kemp, %	Med, %	Kemp, %	Med, %	Kemp, %
21	0.30	0.00	0.94	0.29	1.23	0.75	2.03	0.25
22	0.30	0.20	3.47	0.43	2.25	0.41	2.11	0.18
23	0.00	0.10	0.40	0.03	0.96	0.28	1.66	0.24
24	0.10	0.50	0.83	0.03	1.06	0.03	0.69	0.00
25	0.00	0.00	0.77	0.20	1.23	0.18	0.78	0.05
26	0.40	0.30	0.64	0.04	1.38	0.14	0.89	0.05
27	0.10	0.20	0.94	0.14	1.60	0.19	1.33	0.10
28	0.20	0.00	0.68	0.54	1.21	0.57	1.56	0.49
29	0.30	0.10	0.71	0.33	2.60	1.27	2.27	1.22
30	0.50	0.10	1.10	0.09	2.16	0.97	4.93	1.06
31	0.70	0.20	0.84	0.26	1.41	0.50	2.70	1.10
32	0.30	0.50	0.44	0.05	0.76	0.13	1.02	0.00
33	0.10	0.10	0.37	0.03	0.53	0.05	0.55	0.00
34	0.70	0.30	0.91	0.40	1.88	2.07	5.27	1.90
35	0.60	0.00	0.22	0.06	0.61	0.19	0.63	0.05
36	0.30	0.00	0.12	0.00	0.25	0.03	0.31	0.02
37	0.10	0.30	0.30	0.09	0.91	0.16	0.31	0.05
38	0.50	0.10	0.65	0.02	1.62	0.05	1.92	0.20
39	0.00	0.00	0.21	0.03	0.52	0.00	0.29	0.00
40	0.50	0.20	0.63	0.00	0.91	0.18	2.32	0.33
41	0.20	0.00	0.55	0.16	0.98	0.22	0.90	0.26
42	0.10	0.10	1.22	0.27	1.44	0.24	0.71	0.05
43	0.00	0.10	1.13	0.24	1.08	0.19	0.47	0.02
44	0.20	0.00	1.32	0.02	1.67	0.13	1.29	0.03
45	0.30	0.10	1.11	0.39	1.55	0.39	1.56	0.22
46	0.30	0.10	0.40	0.13	1.13	0.35	0.96	0.11
47	0.10	0.00	0.67	0.02	1.10	0.10	0.87	0.10
48	0.00	0.00	0.96	0.27	1.94	0.12	0.87	0.00
49	0.00	0.00	0.53	0.00	1.15	0.02	0.26	0.00
50	0.30	0.10	0.61	0.28	1.71	0.12	2.04	0.05
57	0.00	0.00	0.54	0.00	2.33	0.21	2.99	0.16
58	0.20	0.10	1.43	0.05	1.55	0.11	2.93	0.18
59	0.80	0.40	1.00	0.17	1.10	0.29	3.74	1.79
60	0.50	0.00	1.00	0.17	1.89	0.08	4.55	0.30
61	0.10	0.00	1.30	0.00	2.06	0.08	2.49	0.17
62	0.00	0.00	0.59	0.00	1.31	0.04	2.71	0.17
63	0.40	0.30	1.22	0.13	1.24	0.17	2.18	0.21
64	0.00	0.10	1.43	0.04	1.39	0.06	2.61	0.07
66	0.30	0.40	1.21	0.13	0.89	0.15	3.23	0.17
67	0.30	0.10	0.63	0.12	1.19	0.07	2.70	0.33
68	0.20	0.00	0.54	0.02	1.33	0.04	2.74	0.05
69	0.00	0.10	0.47	0.00	1.29	0.04	3.76	0.03
70	0.60	0.00	0.64	0.11	1.38	0.15	2.94	0.08
71	0.00	0.00	0.22	0.00	0.40	0.03	0.35	0.02
72	0.10	0.00	0.27	0.02	1.03	0.02	4.82	0.00
73	0.00	0.00	0.93	0.04	1.83	0.02	0.70	0.00
74	0.30	0.20	1.23	0.18	2.16	0.37	6.93	0.48
75	0.40	0.10	1.84	0.03	2.12	0.00	1.37	0.00
Average:	.28	0.11	0.91	0.21	1.42	0.37	2.05	0.35