

TABLE 26.—MILL TRIALS NOS. 2 AND 3: BEATER FURNISH AND STRENGTH DATA—PAPER MACHINE RUNS AT CONSOLIDATED WATER-POWER AND PAPER CO., WISCONSIN RAPIDS, WISCONSIN.

Machine-run No. and Date.	Beater-run No.	Kind of Paper.	Insignis-pine Sulphite.					Tawa Sulphite.					Tawa Groundwood.								
			Per Cent. of Total Furnish.	Cook No.	Wet Pulp.	Per Cent. Oven-dry.	Oven-dry Pulp.	Time beaten.	Per Cent. of Total Furnish.	Cook No.	Wet Pulp.	Per Cent. Oven-dry.	Oven-dry Pulp.	Time beaten alone.	Freeness.	Total Beating-time.	Per Cent. of Total Furnish.	Wet Pulp.	Per Cent. Oven-dry.	Oven-dry Pulp.	Time beaten.
1928. 1 March 13	1	News	20	1	lb. 963	37.4	360	Hours. 0-50	50	2 and 4	lb. 2,412	37.6	900	Hours. 5-75	340	6-25	30	1,701	31.7	540	0-50
	2	"	20	1	963	37.4	360	0-50	50	2 and 4	2,412	37.6	900	4-75	320	5-25	30	1,701	31.7	540	0-50
March 15	3	"	20	1	963	37.4	360	0-50	50	2 and 4	2,412	37.6	900	7-50	220	8-00	30	1,701	31.7	540	0-50
	4	"	20	1	963	37.4	360	0-50	50	3	2,412	37.6	900	7-00	250	7-50	30	1,701	31.7	540	0-50
	5	"	20	1	963	37.4	360	0-50	50	3	2,412	36.6	900	3-25	400	3-75	30	1,701	31.7	540	0-50
	6	"	20	1	963	37.4	360	0-50	50	3	2,412	37.6	900	3-25	390	3-75	30	1,701	31.7	540	0-50
	7	"	20	1	1,177	37.4	440	1-50	50	2 and 4	2,948	37.6	1,100	..	440	1-50	30	2,079	31.7	660	1-50
	8	"	20	1	1,177	37.4	440	1-50	50	2	2,948	37.6	1,100	3-25	350	1-50	30	2,079	31.7	660	1-50
	9	"	Wet broke with 5 per cent. of pine-spruce added																		
	10	"	Wet broke with 5 per cent. of pine-spruce added																		
2 April 17	1	"	20	1	1,000	40.0	400	..	50	2, 3, 4	2,700	37.0	1,000	..	..	..	30	1,500	40.0	600	..
	2	"	20	1 and 5	1,000	40.0	400	..	50	2, 3, 4	2,700	37.0	1,000	..	..	..	30	1,500	40.0	600	..
	3	"	20	5	1,000	40.0	400	..	50	2, 3, 4	2,700	37.0	1,000	..	..	..	30	1,500	40.0	600	..
	4	"	20	5	1,000	40.0	400	..	50	2, 3, 4	2,700	37.0	1,000	..	..	..	30	1,500	40.0	600	..
	5	"	20	5	1,000	40.0	400	..	50	2, 3, 4	2,700	37.0	1,000	..	..	..	30	1,500	40.0	600	..
	6	"	20	5	1,000	40.0	400	..	50	2, 3, 4	2,700	37.0	1,000	..	..	..	30	1,500	40.0	600	..
	7	"	20	5	1,000	40.0	400	..	50	2, 3, 4	2,700	37.0	1,000	..	..	..	30	1,500	40.0	600	..
	8	"	20	5	1,000	40.0	400	..	50	2, 3, 4	2,700	37.0	1,000	..	..	..	30	1,500	40.0	600	..
	9	"	20	5	1,000	40.0	400	..	50	2, 3, 4	2,700	37.0	1,000	..	..	..	30	1,500	40.0	600	..
	10	"	20	5	1,000	40.0	400	..	50	2, 3, 4	2,700	37.0	1,000	..	..	..	30	1,500	40.0	600	..
	11	"	20	5	1,000	40.0	400	..	50	2, 3, 4	2,700	37.0	1,000	..	..	..	30	1,500	40.0	600	..
	12	Machine-finish	20	5	780	40.0	312	..	51	2, 3, 4	2,165	37.0	800	..	..	..	29	1,145	40.0	458	..
	13	Book	52	5	2,990	40.0	1,195	..	..	..	..	..	..	..	..	..	35	2,010	40.0	805	..
	14	Dry-finish	50	5	2,500	40.0	1,000	..	50	2, 3, 4	2,500	40.0	1,000	..	..	..	..	..	..	..	..
15	Wrapping	50	5	2,500	40.0	1,000	..	50	2, 3, 4	2,500	40.0	1,000	..	..	..	..	..	..	..	..	