EASTERN DIVISION.—SWANANOA ROUTE.

Abstract of Grades, showing the length of each variety of Grades ascending, descending, and level on Eastern Division, beginning at Ward's Branch, and ending at the Central Railroad.

Level Grade. Feet.	Under 10 ft per mile. Feet.	10 & 20 ft. per mile. Feet.	20 & 30 ft. per mile. Feet.	30 & 40 ft. per mile. Feet.	40 & 50 ft. per mile. Feet.	50 & 60 ft. per mile. Feet.	60 & 70 ft. per mile. Feet.	70 & 80 ft. per mile. Feet.	80 & 90 ft. per mile. Feet.	90 & 100 ft. per mile. Feet.	
8,000	4,000	4,500	3,000	2,700	4,000	2,500	3,600				
5,100	7,000	3,000	2,800	6,800	6,000		6,100				
7,000	3,000	14,800	4,300	3,000	11,000						
4,500	4,900	3,500	2,500		4,400						
4,000	7,000	2,900	3,000		3,200						
4,000	4,400	3,000	2,000		3,500						
600	8,400	9,500	12,000		3,000						
23,000	3,900	2,000	1,200		4,400						
800	4,200	4,000	3,800								
100	5,800	9,300	2,000								
8,000	8,200	14,000									
12,000	5,000	4,000									
1,000	5,000	4,000									
200	4,300	15,000									
2,500		3,500									
2,700		15,000									
		4,000									
83,500	75,100	116,000	36,600	12,500	39,500	2,500	9,700				