Rock Biomass

Timber Sale

Top Pile Volume Calculation

Black Rock Unit #	Rock Bl Landing #	Pile	Width	Height	Length	Green Tons	Volume (ft^3)
2	13	1	68	7	50	595.0	23800 CF
		2	70	7	40	490.0	19600 CF
		3	30	10	45	337.5	13500 CF
4	1	1	56	19	30	798.0	31920 CF
		2	40	10	27	270.0	10800 CF
6	2	1	35	8	29	203.0	8120 CF
		2	77	12	57	1316.7	52668 CF
		3	59	12	48	849.6	33984 CF
		4	48	8	22	211.2	8448 CF
1	3	1	82	8	25	410.0	16400 CF
		2	114	9	35	897.8	35910 CF
		3	118	12	36	1274.4	50976 CF
		4	25	5	25	78.1	3125 CF
		5	20	4	25	50.0	2000 CF
12	4	1	15	6	32	72.0	2880 CF
		2	48	14	24	403.2	16128 CF
		3	49	6	38	279.3	11172 CF
		4	15	6	26	58.5	2340 CF
10	5	1	142	15	115	6123.8	244950 CF
		2	102	8	25	510.0	20400 CF
9	7	1	75	9	33	556.9	22275 CF
		2	65	7	31	352.6	14105 CF
9	6	1	100	5	130	1625.0	65000 CF
8	8	1	160	10	35	1400.0	56000 CF
3	9	1	200	8	40	1600.0	64000 CF
		2	57	12	32	547.2	21888 CF
	10	1	46	6	20	138.0	5520 CF
	11	1	147	12	41	1808.1	72324 CF
		2	32	8	30	192.0	7680 CF
		3	35	6	30	157.5	6300 CF
5	12	1	30	6	32	144.0	5760 CF

Gross Volume	949973 CF
Gross Weight	23749 GT
Packing Ratio of .18 for top piles	170995 CF

GT = 25/Truck	Total Volume	1710 CCF
MBF = 5/Truck	Green Tons	4420 GT
CCF = 10/Truck	Total Loads	171

Note: Volume was estimated by measuring the existing top piles at the landing. A packing ratio was applied to the gross volume measurements to account for air space within the piles. This project contains low value mixed conifer top piles left from the Black Rock timber sale.

District Ranger Signature