

Based on the stockpile dimensions you provided, I estimate your stockpiles contain ~12,300 cy. See below for the breakdown.

South stockpile: 978'x60'x5' \approx 10,900 cy

North stockpile: 317'x30'x4' \approx 1,400 cy

On our grading plan, we assume ~25% additional volume in the stockpile depicted to account for expansion of soils or in the event more topsoil is encountered than assumed. The reported quantities *do not* account for inherent compaction due to heavy machinery driving on top of the stockpile while constructing the stockpile.

Katie Harter, PE

Engineering Manager

[Ascent Geomatics Solutions](#) (Formerly PFS)

Office: 303.928.7128

Cell: 970.946.2685

8620 Wolff Court

Westminster, CO 80031

TBPLS Firm Registration No. 10194123