

Field			slope distance		sine of angle			nearest 1/4	Google Earth			slope distance		sine of angle			nearest 1/4
		location	yds	feet	° Angle	x Sine =	wall ht.	slope value x:1			location	yds	feet	° Angle	x Sine =	wall ht.	slope value x:1
		Tract C - West Middle	23.00	69.00	34.00	0.559193	38.50	1.75			Tract C - West Middle		80.00		0.559193	44.73	1.75
		Tract C - North Middle	21.00	63.00	32.00	0.529919	33.38	2.00			Tract C - North Middle		70.00		0.529919	37.00	2.00
		Tract C - NorthEast Corner	18.00	54.00	34.00	0.559193	30.00	1.75			Tract C - NorthEast Corner		45.00		0.559193	25.00	1.75
		Average		62.00			34.00	1.75			Average		65.00			35.50	1.75
		Tract D - SouthEast Corner	18.00	54.00	40.00	0.642788	34.70	1.50			Tract D - SouthEast Corner	Extraction was not near terminal end of removal to make estimates					
		Tract D - West Center	18.50	55.50	39.00	0.62932	34.90	1.50			Tract D - West Center						
		Tract D - North Center Fill	15.00	45.00	37.00	0.601815	27.00	1.50			Tract D - North Center Fill						
		Average		52.00			32.00	1.50									
	Notes: 1/ Length of slope to toe where angle breaks to apx. 2.5:1 or flatter toward basin bottomkl. 2/ Start of slope measured below native soil cut & soil stockpile height of 10+/- feet which may appear as a vertical overhang to cut slopes over portions of the upper basin cut. 3/ Google valued determined based upon 3D Measurements on a 2014 USGS Aerial Image.																

Tract C

787.66 sq.ft. area x

4611.2 lft

[=]

134,520.66 cu.yds.

146,319.8 / 69,259.0 = 2.1 = ~2.0

Tract D

768.00 sq.ft. area x

2849.7 lft.

[=]

81,058.13 cu.yds.

\$ 17, 515.00 x 2.1 =
\$ 36,781.50 + Other ***

Sum =

215578.8 LCY

pending

minus

69,259.0 LCY

accounted for

\$17,515

difference

146,319.8 LCY

**** Administrative Costs and other factors determined by the OMLR may apply.