



# Groth

MAYACAMAS MOUNTAINS

## OAKVILLE ESTATE

Oakville, California

RESERVE CABERNET | 27.43 ACRES  
 CABERNET SAUVIGNON | 26.13 ACRES  
 SAUVIGNON BLANC | 32.10 ACRES  
 SEMILLON | 11.29 ACRES  
 PETIT VERDOT | .31 ACRES

SUSTAINABLY FARMED  
*Napa Green and Fish Friendly*  
 Farming certified in 2014.



	RESERVE VINEYARD 27.43 Acres Cabernet Sauvignon	BLOCK 2 17.12 Acres Cabernet Sauvignon	BLOCK 3 11.93 Acres Sauvignon Blanc	BLOCK 4 11.21 Acres Sauvignon Blanc	BLOCK 5 8.96 Acres Sauvignon Blanc	BLOCK 6 11.29 Acres Semillon	BLOCK 9 9.32 Acres Cabernet Sauvignon Petit Verdot
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PLANTED	22% 1999, 62% 2001, 16% 2022	2003	53% 1999, 47% 2020	1999	2012	2011	2019
SPACING	5 x 10, 8 x 6	5 x 10	5 x 9, 5 x 10	5 x 10	5 x 10	6 x 8	6 x 8
TRAINING	Quadrilateral Cordon	Quadrilateral Cordon	Quadrilateral Cordon	Quadrilateral Cordon	Quadrilateral Cordon	Bilateral Cordon	Quadrilateral Cordon
CLONE	7-40% 15-12.5% 337-47.5%	7	1	1	1	12-25% 4-25% 5-25% 6-25%	7-70% (CS) 412-27% (CS) 2.1-3% (PV)
ROOTSTOCK	039-16, SO4	039-16	1616C, 44-53	44-53	44-53	44-53	039-16, 101-14
SOIL	Gravelly Sandy Loam	Clear Lake Clay, overwashed	Clear Lake Clay, drained	Clear Lake Clay, drained	Clear Lake Clay, drained	Clear Lake Clay, drained	Clear Lake Clay, drained
TOTAL VINES	19,996	14,912	10,937	9,763	7,806	10,238	8,455





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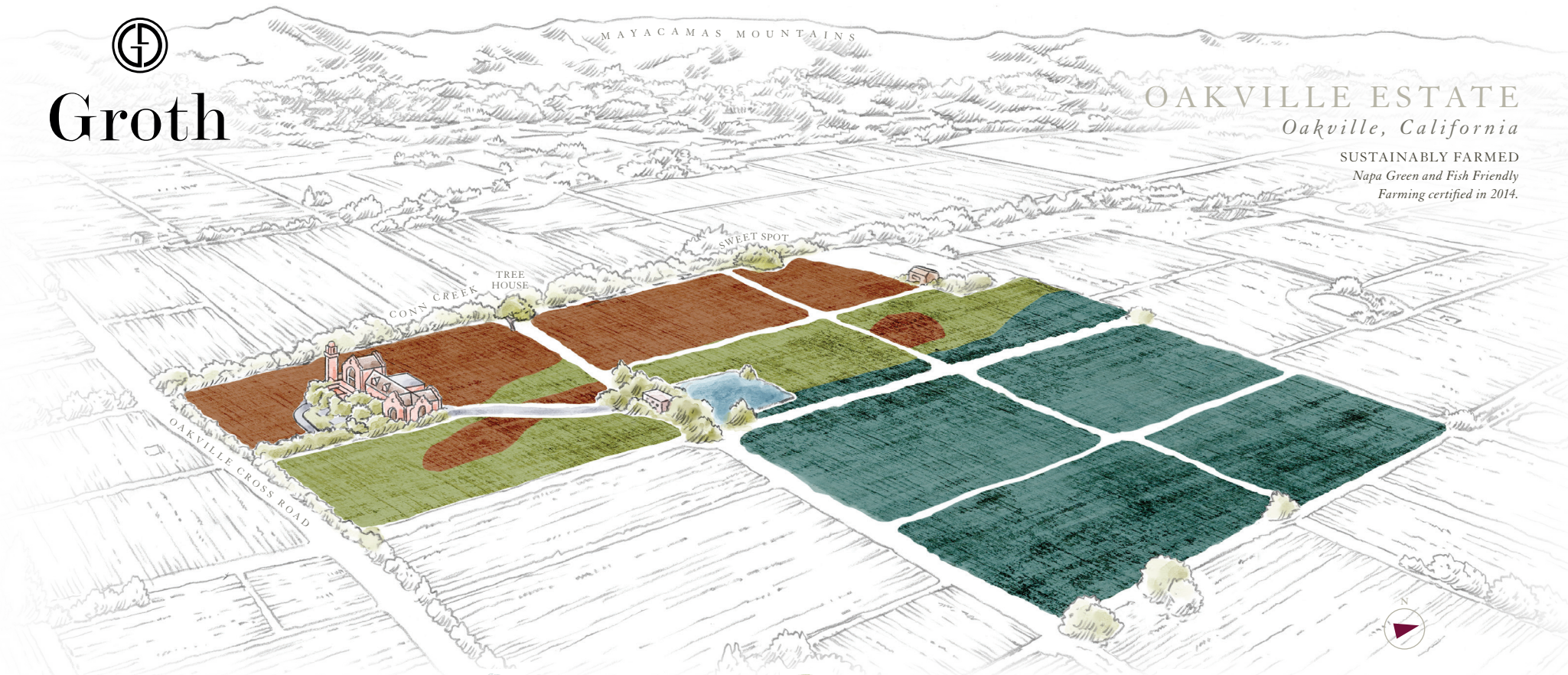
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CLEAR LAKE CLAY



CLEAR LAKE CLAY  
OVERWASH



GRAVELLY SANDY LOAM  
RESERVE VINEYARD



DESCRIPTION

Very deep, poorly drained soils; slow permeability; high water-holding capacity. Dark, almost black clay that swells with water and floods in areas in the winter, then shrinks and cracks in the summer.

Medium to poorly drained; high water-holding capacity. First 1.5 feet of soil is overwash, a mix of gravel, clay and sand; clay dominates as the soil gets deeper.

Abundance of gravel/chert; high drainage/permeability; low water-holding capacity.

*The Groth Reserve Vineyard, 27.43 acres planted entirely to Cabernet Sauvignon, is an anomaly within the greater 165 acres that comprise the Groth Vineyards estate, and indeed within the Oakville AVA itself. It is the soils that set this narrow band of vineyard apart. While generally described as gravelly, sandy loam, they also feature an abundance of red chert, a hard sedimentary rock made up of small quartz crystals and fossils. These rocks were deposited in this thin sliver of land by an alluvial fan flowing out of the Vaca Range to the east millions of years ago. Found in disproportionate amounts in this part of Oakville, they represent the heart and soul of the "sweet spot" we call our Reserve Cabernet Vineyard.*

COMPOSITION

20% sand  
34% silt  
46% clay

39% sand  
32% silt  
29% clay

60% sand  
30% silt  
10% clay

IMPACT ON VINES  
(Compared to other  
Groth blocks)

Vigorous vines  
Larger canopies  
Later ripening for red varieties

Moderate vigor

Smaller canopy  
Earlier ripening  
Smaller berries  
More concentrated flavors