



RESULTS  
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*vineyard development & management*

# Vineyard Land Assessment

Prepared For

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By

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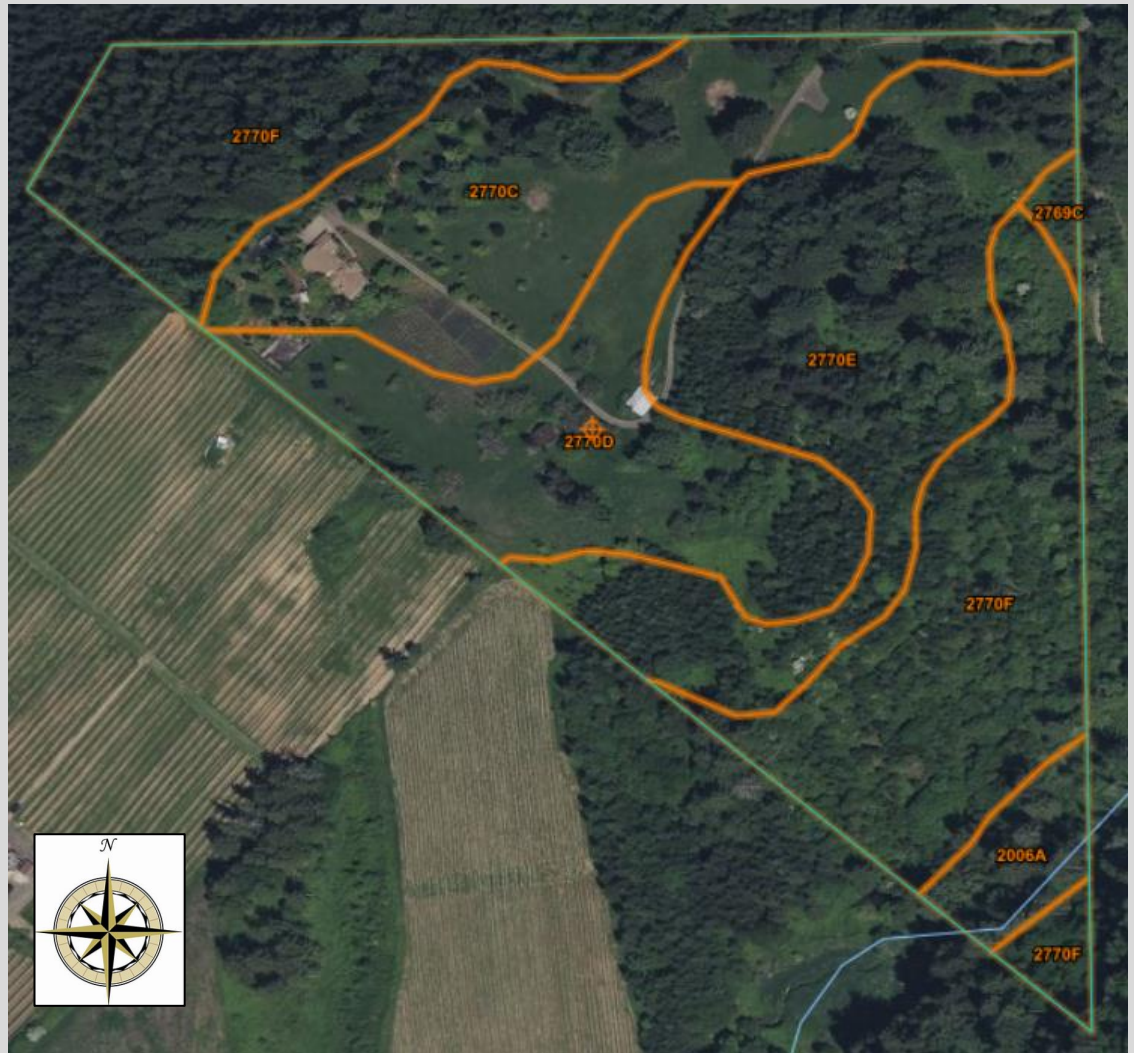






## Soil

Soil type is generally uniform and representative of local area. Many high-quality vineyards are farmed on this soil nearby. These soils tend to be more susceptible to erosion in the wet season if ground cover is not established. Erosion control measures in areas of concentrated runoff should be considered. Although the soils are relatively deep and fertile, their moderate water holding capacity can make them droughty in years of low precipitation in the spring and early summer. Dry-farmed vineyards have been successfully established on these soils, but drip irrigation would be helpful if a significant water source is established.



USGS Soil Survey

Soil Name	Series	Slope	Type	Origin	Depth	Natural Drainage	Drainage Needed	Premium Vineyard Soil	Irrigation Beneficial
McBee	2789C	2-12%	silty, clay	alluvial	deep	Moderate	n/a	no - creek bottom	n/a
Melbourne-Goodin	2790D	12-20%	silty, clay, loam	sedimentary	moderate	Well	spot tiling in prominent swales and soil type transitions	yes	yes
Melbourne-Goodin	2790E	20-30%	silty, clay, loam	sedimentary	moderate	Well	spot tiling in prominent swales and soil type transitions	yes	yes
Melbourne-Goodin	2790F	30-60%	silty, clay, loam	sedimentary	moderate	Well	spot tiling in prominent swales and soil type transitions	in areas of 30% slope	yes
Melbourne-Witham-Hummocky	2769C	2-12%	silty, clay, loam	sedimentary/volcanic	moderate	Moderate	spot tiling in prominent swales and soil type transitions	yes	yes





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### **Acreage**

There are approximately **15.5 gross acres** of high-quality vineyard land on this property. Slopes greater than ~35% are often not financially viable to farm therefore these areas have been excluded from this analysis.

### **Aspect**

The south, southeast and eastern aspects are desirable and provide ripening diversity.

### **Elevation**

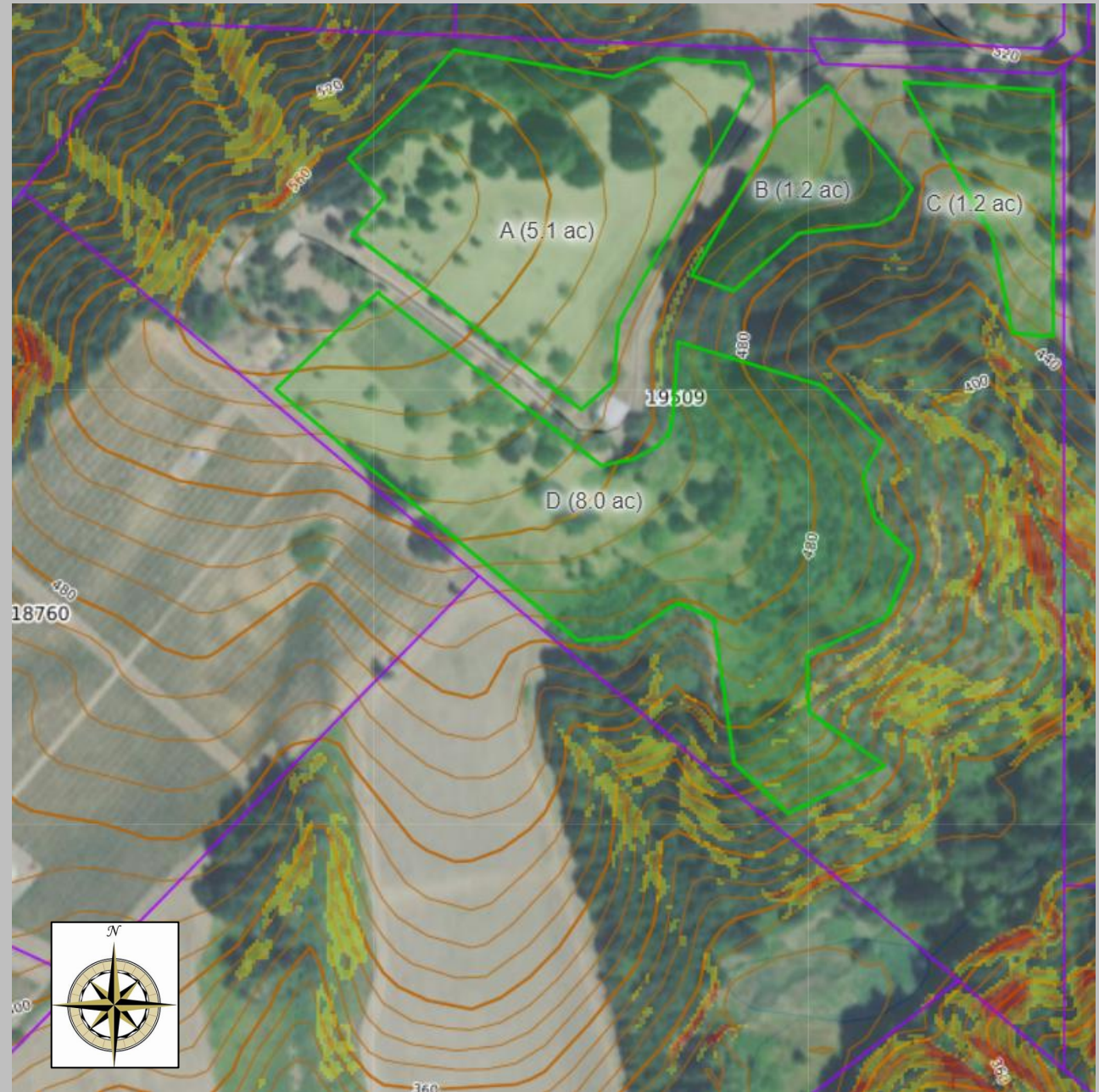
Spans from approximately 450' to 560' at the top. Ideal elevation range for maximizing growing-degree days.

### **“Farmability”**

Aside from the southern reaches of Area D, the outlined areas have gentle slopes and convex land formations which make farming easier and more efficient.

### **Suggested Cultivars**

Region I varieties such as Pinot noir & Chardonnay and perhaps some Region II varieties such as Syrah, Tempranillo, Sauvignon Blanc, Cabernet Franc, etc. in smaller, experimental quantities.



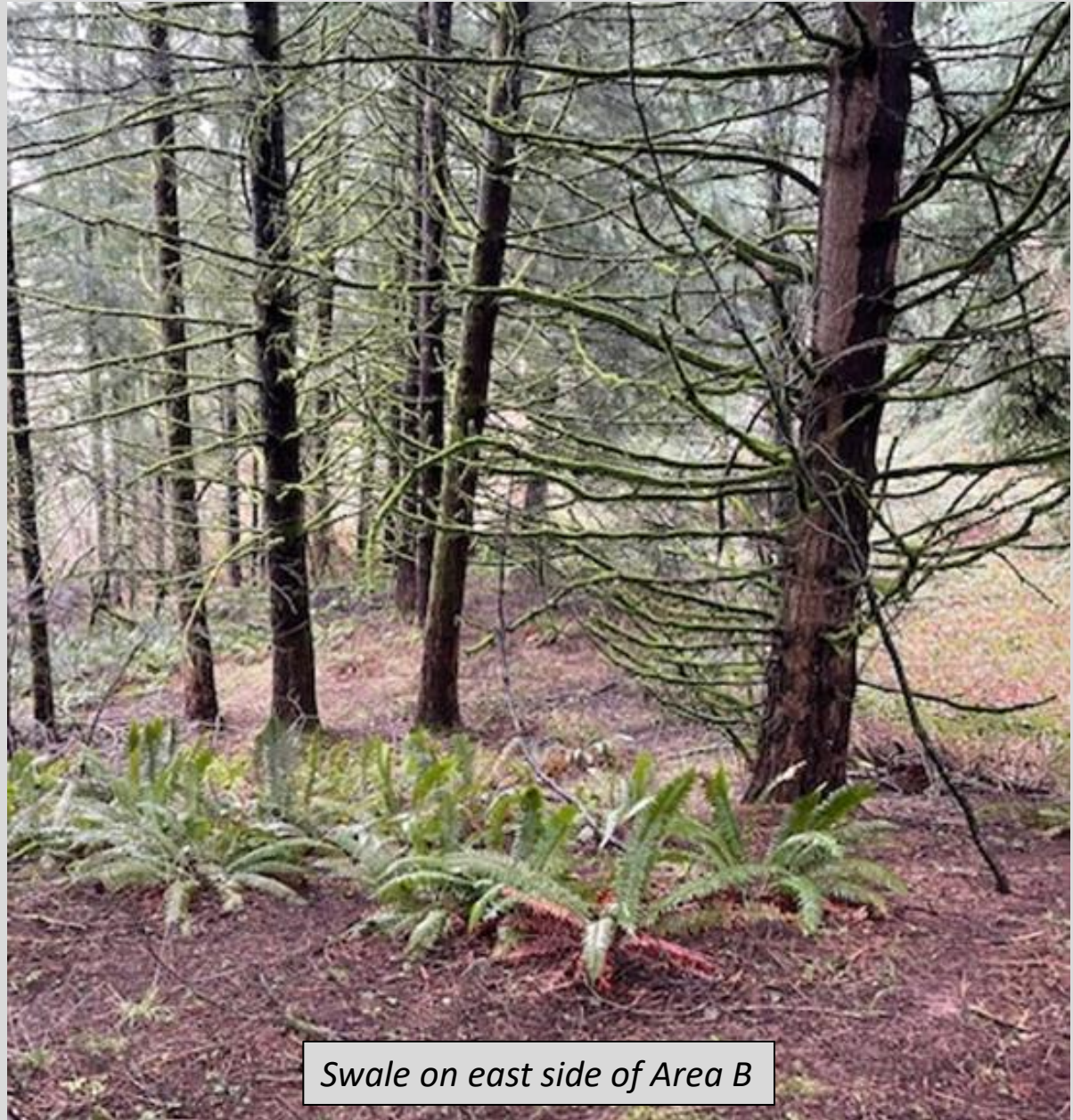




*Looking southeast at Area D*



*Looking westward from the entrance at Area A*



*Swale on east side of Area B*