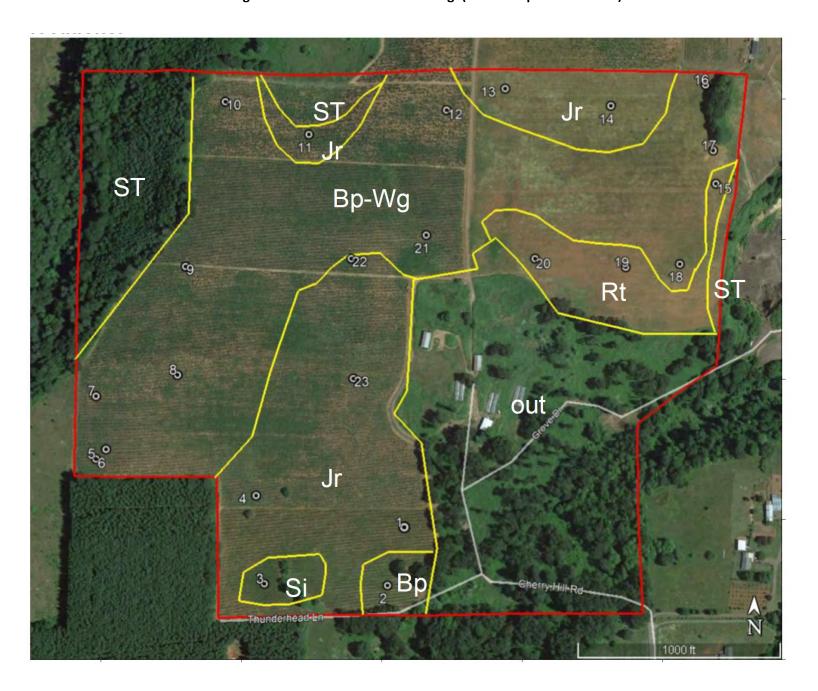


Map below is from the Vineyard Soils Assessment prepared by Andy Gallagher of Red Hills Soils

Showing the results of on-site soils testing. (See full report for details)







Most of this parcel is well suited to growing winegrapes. Some areas are not suitable because of slope. Most of the soils here are moderately deep red clay subsoil soils of sedimentary rocks origin, and Bellpine, Windygap and Jory soils make up the most acres. There are smaller areas of soils with more gravel and cobble in the subsoil like Ritner. The site elevation, terrain and slope aspect are all particularly good for winegrapes. Of the suitable acres there are some where crops might benefit from irrigation in droughty times. Additional mapping could further delineate this area. About 100 acres of cleared fields are well suited to planting vineyards and there are additional acres in the area in the southeast corner that have suitable terrain but where soils were not sampled in this project. The actual number of acres of vineyard blocks would be 20 to 30 percent less to account for slopes, and areas between blocks. Data from soil borings are presented in Table 1. Soil boring locations are shown on the map in Figure 3 and GPS coordinates are in Table 3.

Table 1. Summary soil boring data

Boring	Soil name	Depth to	Depth to	Drainage	Available water	Vine Vigor
		bedrock	gravel	Class	holding	Potential
		(in)	(in)		capacity (in)	
1	Jory	60+		well	11	mod high
2	Bellpine	25		well	4 to 5	mod low
3	Sitton	72+		well	12	high
4	Jory	60+		well	11	mod high
5	Windygap	60		well	9 to 10	mod high
6	Bellpine	37	37	well	7	moderate
7	Windygap	56		well	8 to 9	mod high
8	Windygap	60	33	well	9 to 10	mod high
9	Bellpine	32	17	well	7	moderate
10	Bellpine	38		well	8	moderate
11	Jory	60+		well	11	mod high
12	Bellpine	35		well	7 to 8	moderate
13	Jory	60+		well	11	mod high
14	Jory	60+	32	well	10	mod high
15	Ritner	33	0	well	5 to 6	mod low
16	Bellpine	30 to 50	30	well	6 to 8	moderate
17	Bellpine	36	0 to 9	well	7 to 8	moderate
18	Bellpine	36	19 to 36	well	7 to 8	moderate
19	Ritner	21	0	well	2 to 3	low
20	Yamhill	34		well	5 to 6	mod low
21	Bellpine	37		well	7 to 8	moderate
22	Jory-Windygap	60		well	10 to 11	mod high
23	Jory	60+		well	11	mod high

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