

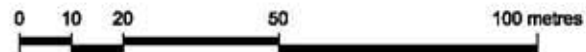
Maverick Wines "Barossa Ridge Vineyard"



wjb consulting

Soil and Water Resource Management

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Client: Wacky Beach	WJB CONSULTING		Map # of #
Drawn: Duncan R. Elliot			
Project: SWR_WB_Survey	BASE PLAN		AS
Site: Maverick Wine	Lot 141, PT2402, Hundred of Boonaroo - Light Pass Road, Tanunda		
Date: September 2008			

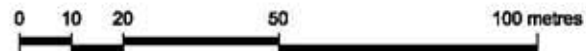
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Client: Wacky Bush	WJB CONSULTING		Map # of 6
Date: December 8, 2006			
Project: SWR_W_Viney	READY AVAILABLE WATER		AS
Site: Maverick Wine	Lot 141, PT2402, Parcel of Broomera - Light Pass Road, Tanunda		
Date: 24 September 2008			

Maverick Wines "Barossa Ridge Vineyard"



Legend

⑫ soil pit location

- Unit 1. Deep topsoil over sandy clay subsoil with low permeability characteristics. Slight to moderate drainage hazard.
- Unit 2. Moderate depth sandy topsoil overlying permeable clay B-horizon. Sedimentary metamorphic rock rubble layers at base. Slight drainage hazard.
- Unit 3. Moderate depth topsoil overlying permeable clay B-horizon in turn overlying poorly structured, slower draining clay subsoils. Moderate drainage hazard.
- Unit 4. Shallow to moderate depth topsoil with a coarse gravel layer which can be seasonally hard-setting or waterlogged. Well structured clay B-horizon with silty feebled soils at the base of the profile with improved drainage characteristics. Slight to moderate drainage hazard within the rootzone. Low RAW value due to shallow rootzone of young vines at this site.
- Unit 5. Shallow topsoil with a coarse gravel layer which can be seasonally hard-setting or waterlogged. Slow draining poorly structured clay B and Bk (limey clay) horizons. Silty feebled soils at the base of the profile with improved drainage characteristics. Moderate to high drainage hazard within the rootzone.
- Unit 6. Shallow topsoil with a coarse gravel layer which can be seasonally hard-setting. Slow draining poorly structured clay B and Bk (limey clay) horizons. Moderate to high drainage hazard.

Note: Boundaries are only estimated due to the arbitrary distribution of soil pit sites.

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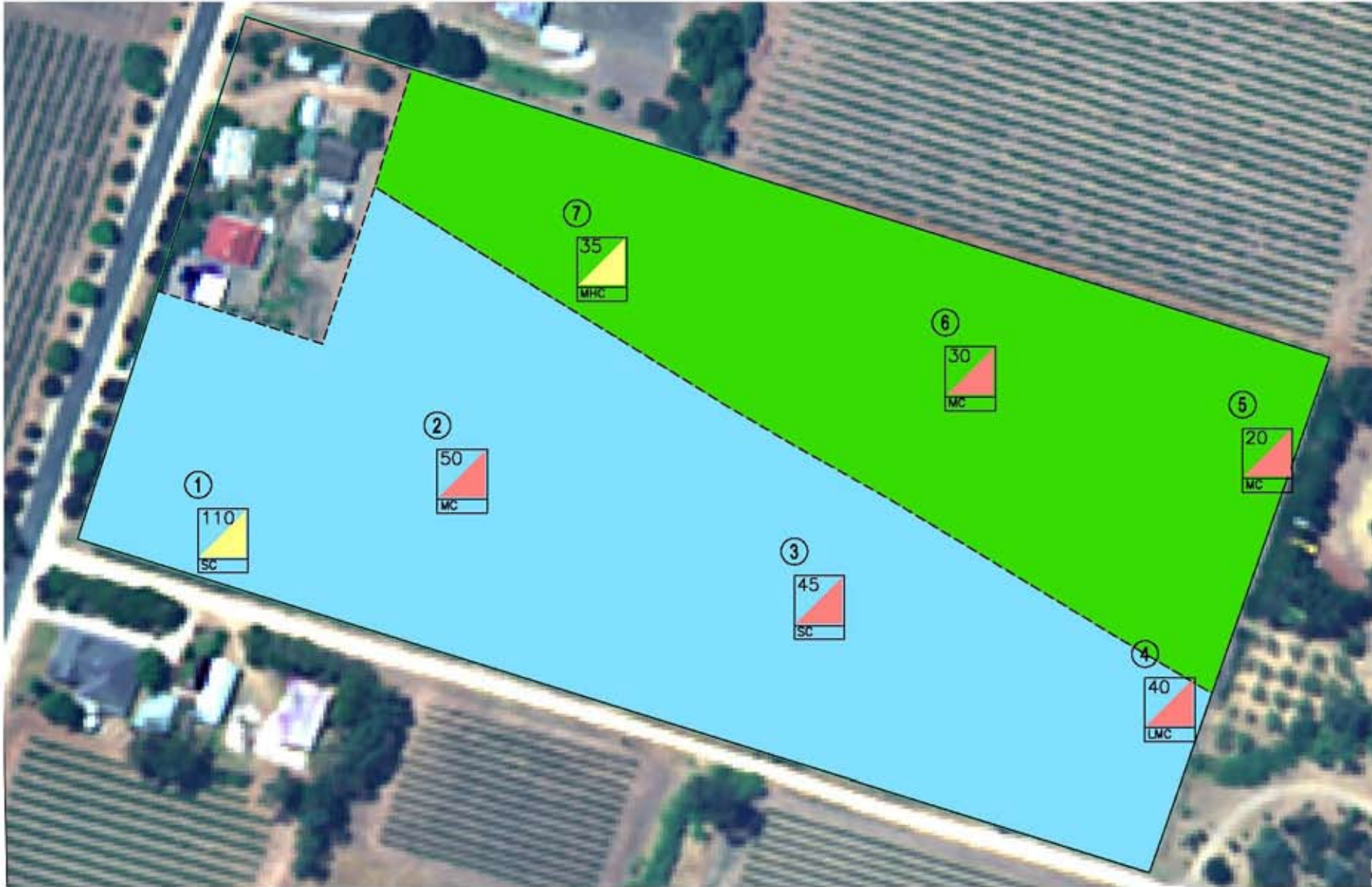
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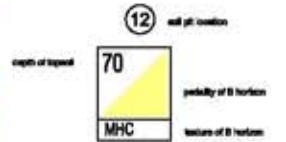
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Client: Wesley Beach	WJB CONSULTING		Map # of #
Drawn: Duness R. Elliot			
Project: SOIL_BI_Viney	SOIL BIOMASSERATION		AS
Site: Maverick Wine	Lot 141, PT2042, Homedes of Boscawen - Light Pass Road, Tanunda		
Date: September 2008			

Maverick Wines "Barossa Ridge Vineyard"



Legend



TEXTURE

LMC - Light medium clay
 MC - Medium clay
 MHC - Medium heavy clay

PEDALITY

Red triangle: Frable/Permeable
 Yellow triangle: Dense/Impermeable

HATCHURE

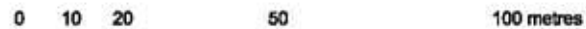
Green: Less than 40cm
 Blue: Greater than 40cm

Note: Boundaries are only estimated due to the arbitrary distribution of soil pit sites.

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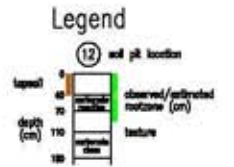


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Client: Wesley Beach	WJB CONSULTING		Map # of #
Site: Dunsmuir Estate			
Project: SCW_RL Survey	DEPTBARE PONDICIL		# of #
Site: Maverick Wine	Lot 141, PT2402, Parcel of Boreenah - Light Pass Road, Tanunda		
Date: 24 September 2008			# of #

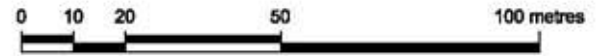
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- TEXTURE**
- CL - Clay Loam
 - CLS - Clay Loam, Sand
 - L - Loam
 - LC - Light Clay
 - LMC - Light Medium Clay
 - LSCL - Light Sandy Clay Loam
 - MC - Medium clay
 - MHC - Medium Heavy Clay
 - NEL - No texture, usually indicates root.
 - SCL - Sandy Clay Loam
 - SL - Sandy Loam
 - ZCL - Silty Clay Loam
 - ZL - Silty Loam

- CARBONATE**
- soil type below the legend in order of increasing salinity of soil:
- class 1 - few nodules in clay
 - class 2A - few nodules in SL to CL < 200 carbonate fragments
 - class 3 - med./moder nodules
 - class 4B - carbonate nodules, 20 to 60% carbonate fragments
 - class 5C - carbonate nodules, > 60% carbonate fragments
 - if nodules layer
- non-carbonate type below the legend:
- 30-60% - subaquatic/subaerobic red/oxalid layer
 - >60% - subaquatic/subaerobic red/oxalid layer

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Client: Wendy Beach	WJB CONSULTING		Map # of 5
Drawn: Dunald R. Elliot			
Project: SOIL_WB_Burvey	SOIL PROFILE DESCRIPTION		A3
Site: Maverick Wine	Lot 141, PT2462, Parcel of Boreone - Light Pine Road, Tanunda		
Date: 24 September 2008			