

Lab Number 0333
 Sample Description SALMON VALLEY
 TOPDR.
 SAND

Particle Size Analysis

USGA Specs

Clay <.002mm	%	0.1	<= 3.0%
Silt .002mm - .05mm	%	0.9	<= 5.0%
Sand .05mm - 2.00mm	%	99.0	
Gravel > 2.0mm	%	0.0	

Org Mat (360 deg C ash) 0.11

Sand Fractions

Sieve Size #	mm		% Retained	
10 -	2.0	Fine Gravel	0.0	2.0mm <= 3.0%
18 -	1.0	Very Coarse Sand	5.8	2.0mm + 1.0mm <= 10%
35 -	.500	Coarse Sand	29.8	
60 -	.250	Medium Sand	51.5	0.5mm + 0.25mm >= 60%
100 -	.150	Fine Sand	10.4	0.15mm <= 20%
140 -	.106	Very Fine Sand	1.4	0.106mm + 0.053mm <= 5.0%
270 -	.053	Very Fine Sand	0.1	

Sample Location		SALMON VALLEY	TOPDR.			
Sample Identification		SAND				
Lab Number		0367-1				
Total Exchange Capacity (ME/100 g)		8.81				
pH (H ₂ O 1:1)		a	8.0			
Organic Matter (humus) %		< 0.10				
Estimated Nitrogen Release lb/A		4				
ANIONS	SOLUBLE SULFUR*	ppm	12			
	PHOSPHORUS	MEHLICH III lb/A P as P ₂ O ₅ ppm of P	23			
		BRAY II lb/A P as P ₂ O ₅ ppm of P	279			
		OLSEN lb/A P as P ₂ O ₅ ppm of P				
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	2998			
	MAGNESIUM*	lb/A ppm	200			
	POTASSIUM*	lb/A ppm	74			
	SODIUM*	lb/A ppm	42			
BASE SATURATION PERCENT						
	Calcium %		85.07			
	Magnesium %		9.46			
	Potassium %		1.08			
	Sodium %		1.04			
	Other Bases %		3.40			
	Hydrogen %		0.00			
EXTRACTABLE MINORS						
	Boron* (ppm)		< 0.20			
	Iron* (ppm)		150			
	Manganese* (ppm)		33			
	Copper* (ppm)		0.62			
	Zinc* (ppm)		0.70			
	Aluminum* (ppm)		40			
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					

* Mehlich III Extractable

a - alkaline soil