

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

Name Coyote Springs Golf Club City Coyote Springs State NV

Independent Consultant Soil and Water Consulting Date 6/15/2016

Sample Location <u>FAIRWAY</u>		6				
Sample Identification						
Lab Number		0086-1				
Total Exchange Capacity (ME/100 g)		15.89				
pH (H ₂ O 1:1)		a 9.2				
Organic Matter (humus) %		0.53				
Estimated Nitrogen Release lb/A		21				
ANIONS	SOLUBLE SULFUR* ppm	28				
	PHOSPHORUS MEHLICH III lb/A P as P ₂ O ₅ ppm of P					
	BRAY II lb/A P as P ₂ O ₅ ppm of P					
	OLSEN lb/A P as P ₂ O ₅ ppm of P	101 22				
EXCHANGEABLE CATIONS	CALCIUM* lb/A ppm	4218 2109				
	MAGNESIUM* lb/A ppm	698 349				
	POTASSIUM* lb/A ppm	956 478				
	SODIUM* lb/A ppm	398 199				
	BASE SATURATION PERCENT					
	Calcium %	66.36				
	Magnesium %	18.30				
	Potassium %	7.71				
	Sodium %	5.45				
	Other Bases %	2.20				
	Hydrogen %	0.00				
EXTRACTABLE MINORS						
	Boron M3 (ppm)					
	Iron** (ppm)	2				
	Manganese** (ppm)	< 1				
	Copper** (ppm)	0.22				
	Zinc** (ppm)	0.47				
	Aluminum (ppm)					
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** DTPA Extractable

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

Name Coyote Springs Golf Club City Coyote Springs State NV

Independent Consultant Soil and Water Consulting Date 6/15/2016

Sample Location <u>GREEN</u>		6				
Sample Identification						
Lab Number		0087-1				
Total Exchange Capacity (ME/100 g)		11.75				
pH (H ₂ O 1:1)		a 8.9				
Organic Matter (humus) %		0.59				
Estimated Nitrogen Release lb/A		24				
ANIONS	SOLUBLE SULFUR* ppm	25				
	PHOSPHORUS MEHLICH III lb/A P as P ₂ O ₅ ppm of P					
	BRAY II lb/A P as P ₂ O ₅ ppm of P					
	OLSEN lb/A P as P ₂ O ₅ ppm of P	78 17				
EXCHANGEABLE CATIONS	CALCIUM* lb/A ppm	3658 1829				
	MAGNESIUM* lb/A ppm	352 176				
	POTASSIUM* lb/A ppm	366 183				
	SODIUM* lb/A ppm	172 86				
BASE SATURATION PERCENT						
	Calcium %	77.83				
	Magnesium %	12.48				
	Potassium %	3.99				
	Sodium %	3.18				
	Other Bases %	2.50				
	Hydrogen %	0.00				
EXTRACTABLE MINORS						
	Boron M3 (ppm)					
	Iron** (ppm)	6				
	Manganese** (ppm)	1				
	Copper** (ppm)	0.89				
	Zinc** (ppm)	2.60				
	Aluminum (ppm)					
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** DTPA Extractable

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

Name Coyote Springs Golf Club City Coyote Springs State NV

Independent Consultant Soil and Water Consulting Date 6/15/2016

Sample Location		TEE	6				
Sample Identification							
Lab Number			0088-1				
Total Exchange Capacity (ME/100 g)			15.50				
pH (H ₂ O 1:1)			a 9.1				
Organic Matter (humus) %			0.69				
Estimated Nitrogen Release lb/A			28				
ANIONS	SOLUBLE SULFUR* ppm		34				
	PHOSPHORUS	MEHLICH III lb/A P as P ₂ O ₅ ppm of P					
		BRAY II lb/A P as P ₂ O ₅ ppm of P					
		OLSEN lb/A P as P ₂ O ₅ ppm of P	60 13				
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	4132 2066				
	MAGNESIUM*	lb/A ppm	666 333				
	POTASSIUM*	lb/A ppm	942 471				
	SODIUM*	lb/A ppm	380 190				
	BASE SATURATION PERCENT						
	Calcium %		66.65				
	Magnesium %		17.90				
	Potassium %		7.79				
	Sodium %		5.33				
	Other Bases %		2.30				
	Hydrogen %		0.00				
EXTRACTABLE MINORS							
	Boron M3 (ppm)						
	Iron** (ppm)		2				
	Manganese** (ppm)		1				
	Copper** (ppm)		0.35				
	Zinc** (ppm)		0.61				
	Aluminum (ppm)						
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** DTPA Extractable