

Saturated Paste Report

Job Name **STB Hills CC**

Date **1/1/2007**

Company **Logan Labs 888-494-7645**

Submitted By

Sample Location			Ideal				
Sample ID			1	2	3	4	5
Lab Number							
Water Used			DI	DI	DI	DI	Irrigation
pH			6.3	6.5	6.5	7.1	7.1
Soluble Salts ppm			<960	134	150	121	114
Chloride (Cl) ppm			<50	8	4	8	10
Bicarbonate (HCO ₃) ppm			<50	40	176	73	366
ANIONS	SULFUR	ppm	5-10	10.72	36.67	11.71	9.59
	PHOSPHORUS	ppm	1-3	0.61	< 0.1	0.38	0.46
SOLUBLE CATIONS	CALCIUM	ppm	40-60	42.59	25.54	14.34	13.32
		meq/l	0	2.13	1.28	0.72	0.67
	MAGNESIUM	ppm	8-12	2.06	5.74	2.11	1.95
		meq/l	0	0.17	0.48	0.18	0.16
	POTASSIUM:	ppm	15-20	25.52	10.86	24.51	13.06
		meq/l	0	0.66	0.28	0.64	0.34
	SODIUM	ppm	<20	4.56	17.39	5.17	24.82
		meq/l	0	0.20	0.76	0.22	1.08
PERCENT	Calcium		55-60	67.34	45.71	40.87	29.64
	Magnesium		18-20	5.43	17.12	10.02	7.23
	Potassium		9-12	20.96	10.10	36.29	15.10
	Sodium		2-8	6.27	27.07	12.81	48.03
TRACE ELEMENTS	Boron (p.p.m.)		0.1	0.02	0.03	< 0.02	< 0.02
	Iron (p.p.m.)		0.3	1.35	3.12	1.25	2.55
	Manganese (p.p.m.)		0.1	0.03	0.15	0.03	< 0.02
	Copper (p.p.m.)		0.08	0.07	< 0.02	0.08	< 0.02
	Zinc (p.p.m.)		0.08	0.08	< 0.02	0.11	0.06
	Aluminum (p.p.m.)			1.86	7.27	1.47	2.94
OTHER							