



**FIELD COMPACTION TEST SUMMARY**  
**WPIC LEVEE EXTENSION AT HIGHWAY 70**

Three Rivers Levee Improvement Project Phase II  
 South Olivehurst Detention Basin, Bear River, WPIC, & Yuba River Levee Repair Project  
 Contract No.: 201064-19703-141

Sierra Testing Laboratories Project Number: 05-298

Test No.	Date	Description of Test Location	Feature/Use	Elevation ft.	Density Test Type		Reference Curve Values (ASTM D698)			In Place Density Results (ASTM D1556)			Percent Relative Compaction	Required Percent Relative Compaction	Relative Compaction (Pass/Fail)
					Sand Cone (ASTM D1556)	Nuclear (ASTM D2922, D3017)	Reference Curve Number	Maximum Dry Density (pcf)	Optimum Moisture Content (%)	Wet Density (pcf)	Moisture Content (%)	Dry Density (pcf)			
507	1/16/07	Sta. 310+05, 25' W of Fence	WPIC Extension at Hwy. 70	FSG	X		B1	106.2	18.9	125.9	23.4	102.0	96%	95%	PASS
508	1/16/07	Sta. 310+00, 30' W of Fence	WPIC Extension at Hwy. 70	58.5	X		B1	106.2	18.9	121.7	20.5	101.0	95%	95%	PASS
509	1/17/07	Sta. 309+95, 20' W of Fence	WPIC Extension at Hwy. 70	FSG	X		B1	106.2	18.9	126.1	22.0	103.4	97%	95%	PASS
510	1/17/07	Sta. 310+00, 10' W of Fence	WPIC Extension at Hwy. 70	FG	X		290	141.6	8.3	152.1	8.3	140.4	99%	95%	PASS