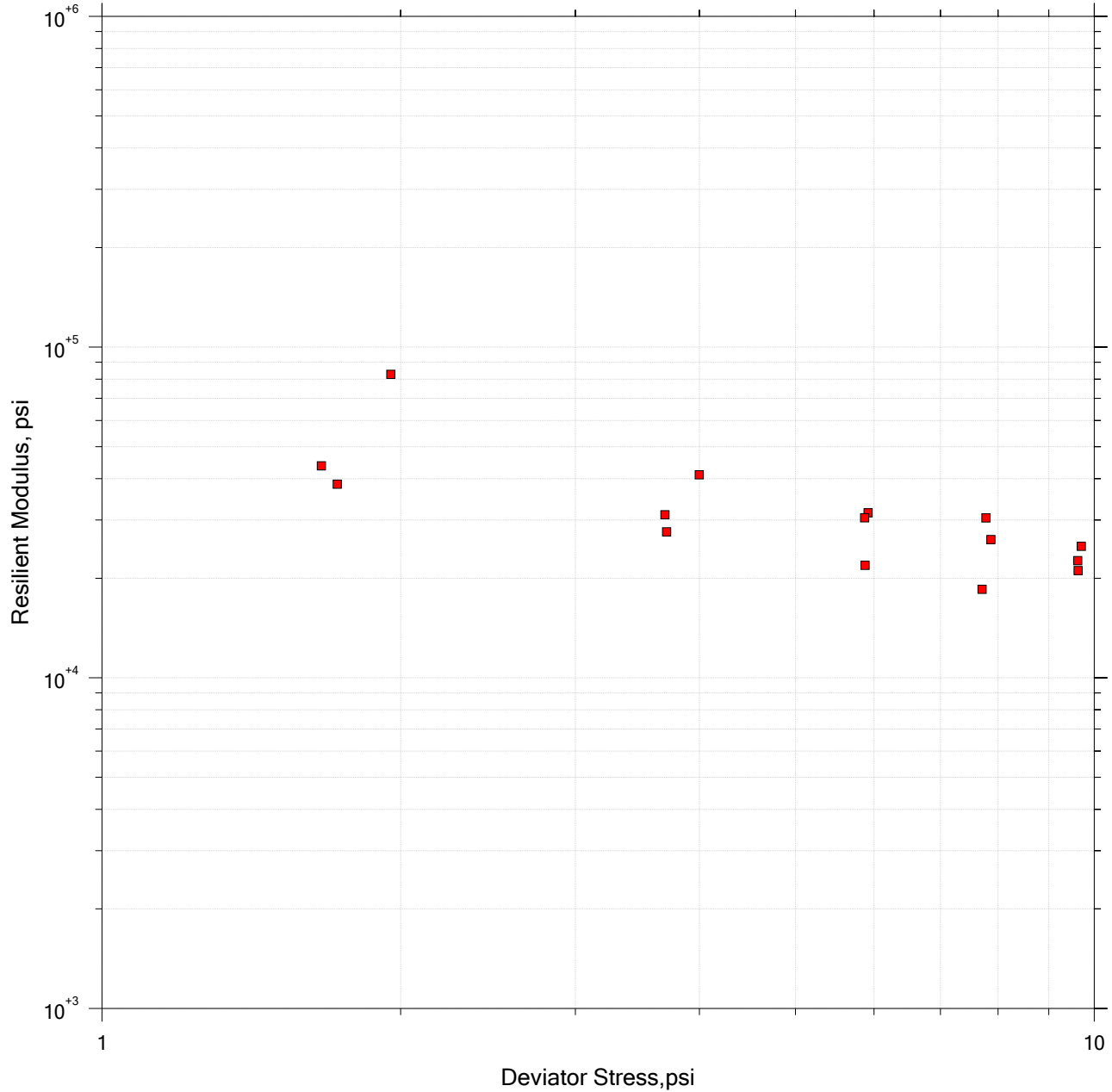



# RM TEST

## Summary Data

$$Mr = 937.04 * Pa * (B/Pa)^{0.609} * (Sd/Pa)^{-0.653}$$

r = 0.94777



	Project: XYZ Highway	Location: Anywhere, USA	Project No.: RM123
	Boring No.: RB-1	Tested By: ht	Checked By: fs
	Sample No.: BS-1	Test Date: 2/21/18	Depth: 0-2 ft
	Test No.: RM-1	Sample Type: reconstituted	Elevation: ---
	Description: Moist, brown silty clay with sand		
	Remarks: Target Compaction: 95% of Maximum Dry Density (122.2 pcf) at Optimum Moisture Content (11%)		



# RM TEST

## Results Data

Sequence: 1 of 16

Confining Pressure: 6 psi

Nom. Max. Deviator Stress: 4 psi

Cycle	Applied Maximum Deviator Load lb	Applied Cyclic Deviator Load lb	Applied Contact Deviator Load lb	Applied Maximum Deviator Stress psi	Applied Cyclic Deviator Stress psi	Applied Contact Deviator Stress psi	Recoverable Deformation in	Resilient Strain %	Resilient Modulus psi	Permanent Strain %
496	24.948	22.705	2.243	3.9107	3.5591	0.35159	0.00042398	0.0074383	47848	0.19628
497	24.932	22.616	2.3165	3.9082	3.5451	0.36312	0.00042092	0.0073846	48007	0.19636
498	24.671	22.511	2.1604	3.8673	3.5287	0.33866	0.00042832	0.0075144	46959	0.19613
499	24.801	22.656	2.1453	3.8877	3.5515	0.33629	0.00040906	0.0071764	49488	0.19628
500	24.658	22.555	2.1027	3.8653	3.5357	0.3296	0.00040292	0.0070687	50019	0.19626

AVG	24.802	22.609	2.1936	3.8878	3.544	0.34385	0.00041704	0.0073165	48464	0.19626
SD	0.12325	0.069205	0.076473	0.019321	0.010848	0.011988	9.5265e-06	0.00016713	1124.2	7.4894e-05


Sequence: 2 of 16

Confining Pressure: 6 psi

Nom. Max. Deviator Stress: 2 psi

Cycle	Applied Maximum Deviator Load lb	Applied Cyclic Deviator Load lb	Applied Contact Deviator Load lb	Applied Maximum Deviator Stress psi	Applied Cyclic Deviator Stress psi	Applied Contact Deviator Stress psi	Recoverable Deformation in	Resilient Strain %	Resilient Modulus psi	Permanent Strain %
96	12.462	11.418	1.0432	1.9534	1.7899	0.16353	0.00012445	0.0021834	81976	0.19628
97	12.421	11.421	0.99974	1.9471	1.7903	0.15671	0.00012336	0.0021642	82724	0.19629
98	12.376	11.357	1.0195	1.9401	1.7803	0.15981	0.00012445	0.0021833	81539	0.1963
99	12.544	11.504	1.0406	1.9664	1.8033	0.16312	0.00012198	0.00214	84266	0.19608
100	12.556	11.449	1.1062	1.9682	1.7947	0.17341	0.00012326	0.0021625	82994	0.196

AVG	12.472	11.43	1.0419	1.955	1.7917	0.16332	0.0001235	0.0021667	82700	0.19619
SD	0.069381	0.047691	0.035838	0.010876	0.0074758	0.0056178	9.1644e-07	1.6078e-05	939.22	0.00012363

	Project: XYZ Highway	Location: Anywhere, USA	Project No.: RM123
	Boring No.: RB-1	Tested By: ht	Checked By: fs
	Sample No.: BS-1	Test Date: 2/21/18	Depth: 0-2 ft
	Test No.: RM-1	Sample Type: reconstituted	Elevation: ---
	Description: Moist, brown silty clay with sand		
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