



**CALIFORNIA STATE SCIENCE FAIR  
2011 PROJECT SUMMARY**

<b>Name(s)</b> Seth F. Kisbye	<b>Project Number</b>  31238
<b>Project Title</b> Determining Which Sediment Decreases Liquefaction	
<b>Abstract</b> <b>Objectives/Goals</b> The objective of my was to figure out which sediment decreases liquefaction. I would use this information find out which sediment to build structures on. So that contractors to know which sediment to build on. <b>Methods/Materials</b> For my expirement i used one (1) ten (10) pound bag of sand, one (1) ten (10) pound bag of potting soil, one (1) ten (10) pound bag of sediment from outside, a fan, a clear bowl. I constructed my project by putting the sediment in the clear bowl putting water on the sediment and then turning on the fan. <b>Results</b> the results of my project were sediment from outside decreased liquefaction the most potting soil decreased liquefaction the second most and sand decreased liquefaction the least. <b>Conclusions/Discussion</b> Much was larned from this expirement. I learned contractors should build structure on the sediment from outside rather then sand.	
<b>Summary Statement</b> The purpose of my project was to determine which sediment decreases liquefaction.	
<b>Help Received</b> Mrs. Lopez-Lickey helped me with my graphs. My dad for helping me cut out the posterboard.	