



**Applied Earth Sciences**  
Geotechnical Engineers  
Engineering Geologists  
DSA Accepted Testing Laboratory  
Special Inspection and Materials Testing

3595 Old Conejo Road  
Thousand Oaks  
California 91320-2122  
805 375-9262  
805 375-9263 fax

December 9, 2014

**Agoura Hills Center Properties, LLC**  
2985 E Hillcrest Drive #107  
Thousand Oaks, CA 91362

Work Order: 2272-1-0-104

Attention: Mr. Steve Rice

**Subject: Errata to Gorlan and Associates, Report of November 12, 2014, Probabilistic Seismic Hazard Analyses (PSHA), Senior Housing Community, Vesting Tentative Tract Number 71742 (APN# 2061-001-025), 30800 Agoura Road, Agoura Hills, California.**

**Reference:** Gorlan and Associates, Inc., November 12, 2014, Geotechnical Response to City of Agoura Hills Review Sheet Dated September 91 2014, Senior Housing Community, Vesting Tentative Tract Number 71742 (APN# 2061-001-025), 30800 Agoura Road, Agoura Hills, California. Work Order: 2272-1-0-103.

## 1. INTRODUCTION

This report was prepared to provide corrections in the probabilistic seismic hazard analyses (PSHA) presented in the referenced report of November 12, 2014. The corrected PSHA is provided below.

## PROBABILISTIC SEISMIC HAZARD ANALYSES

The peak ground acceleration having 2 percent probability of exceedance over 50 years is determined using the United States Geological Survey (USGS) interactive web application, 2008 Interactive Deaggregations, <http://geohazards.usgs.gov/deaggint/2008/>.

Probabilistic seismic hazard analyses (PSHA) predict the peak horizontal ground acceleration will be on the order of 0.67g for an earthquake having a 2% chance of being exceeded in 50 years. The mean magnitude from this PSHA is 5.96 (Mw) with a mean distance of 18.4 km from the property and a modal magnitude of 5.2 (Mw) with a modal distance of 8.1 km from the property. The values are for the site latitude 34.1442°N and longitude 118.7923°W assuming a shear wave velocity,  $V_s^{30}$  of 350 meters/second.

Respectfully,  
**Gorlan and Associates, Inc.**

By: Jerome J. Blunck, GE151  
Principal Geotechnical Engineer

