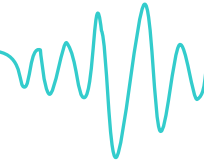


Behrens and Associates, Inc.

Acoustics, Noise and Vibration Consultants



September 27, 2011
Plains Exploration & Production
201 South Broadway
Orcutt, CA 93455

Attention: Gary Hertfelder, Rob Emslie

Subject: Well VIC1-330 High Volume Hydraulic Fracturing (HVHF)
Operation Ground-Borne Vibration Level Survey Report

Gentlemen,

Please find the attached results of the gravel pack operation ground-borne vibration level measurement program which was completed at PXP Inglewood Field, in California on September 16, 2011. The ground-borne vibration levels were measured in one direction (west) at ten different distances from HVHF operation site. The ground-borne vibration survey was completed while all associated equipment was operating under normal loads and conditions. The attached map and equipment layout show the measurement locations and surrounding area.

The ground-borne vibration level measurements were performed with a Profound VM Vibration Monitoring System which was programmed to continuously measure and record the vertical ground-borne vibration peak particle velocity (ppv) levels in one-second intervals.

The measured peak particle velocity (ppv) vibration levels are reported in inches per second (ips) in the vertical direction. The results of the vibration level measurements are displayed in the attached graph. The maximum measured ground-borne vibration levels at 160 feet from the drilling rig are shown in the attached human and structural sensitivity graphs.

Based on the results of vibration level measurements, the vibration impact from the gravel pack operation activity are negligible beyond a distance of 160 feet from the gravel pack operation equipment.

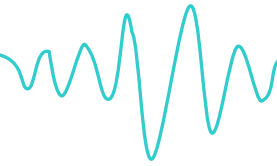
Please contact me with any questions or comments which may arise.

Very truly yours,

Don Behrens
President
95-4460624

Behrens and Associates, Inc.

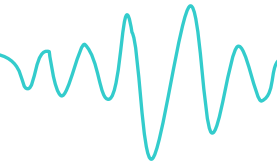
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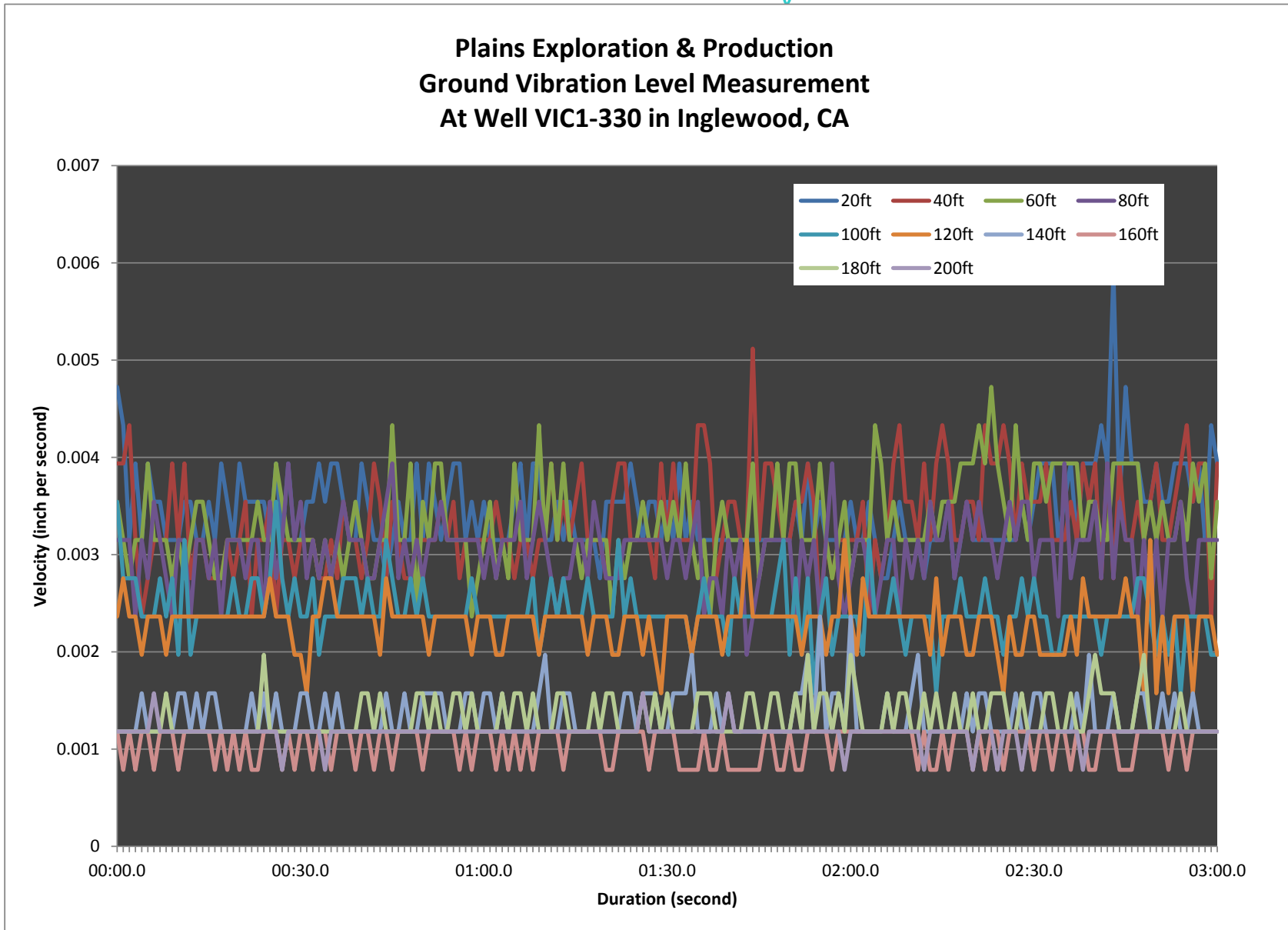
HVHF Operation Equipment Layout at VIC1-330 site

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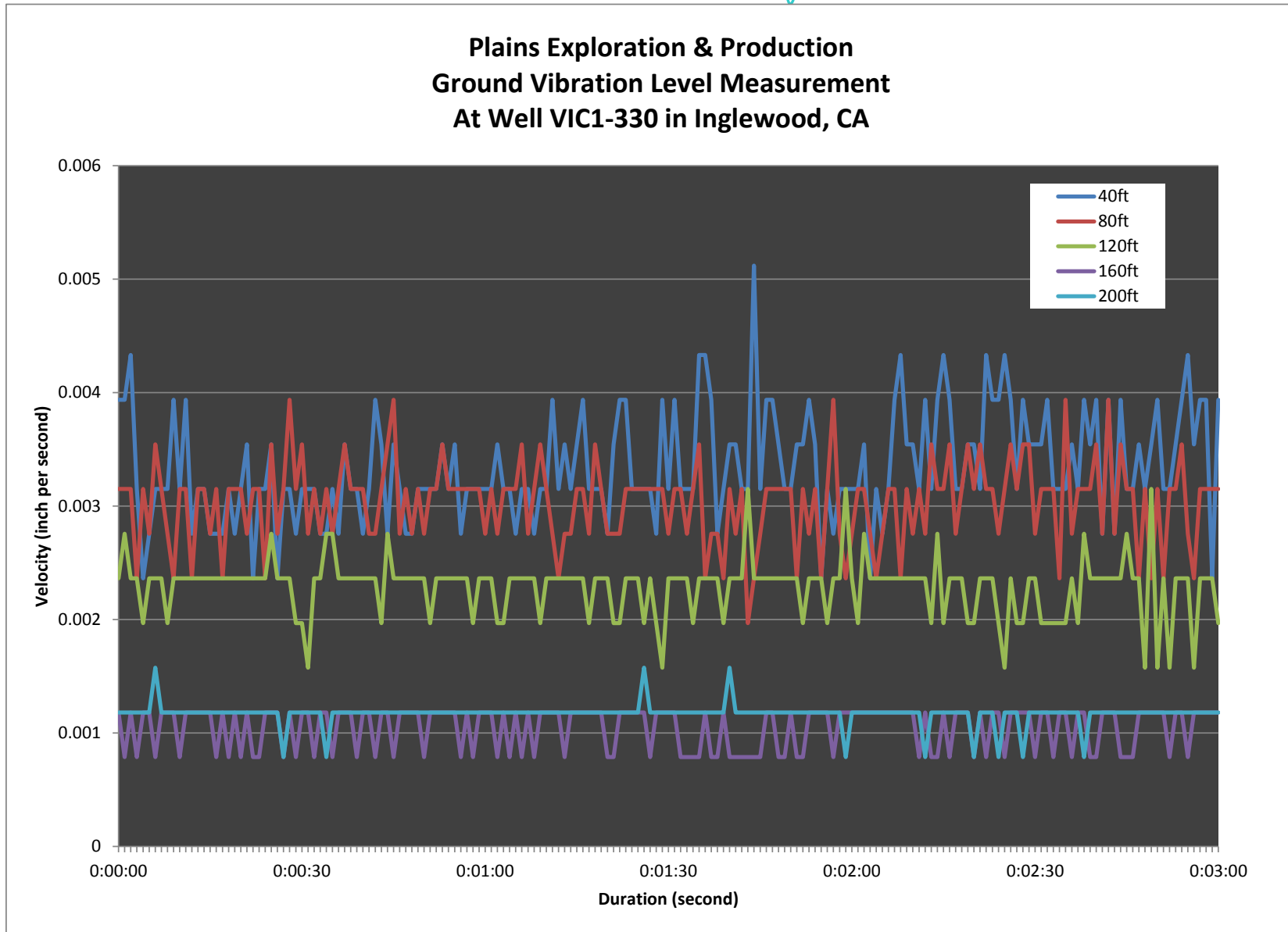
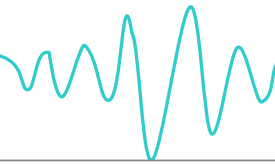
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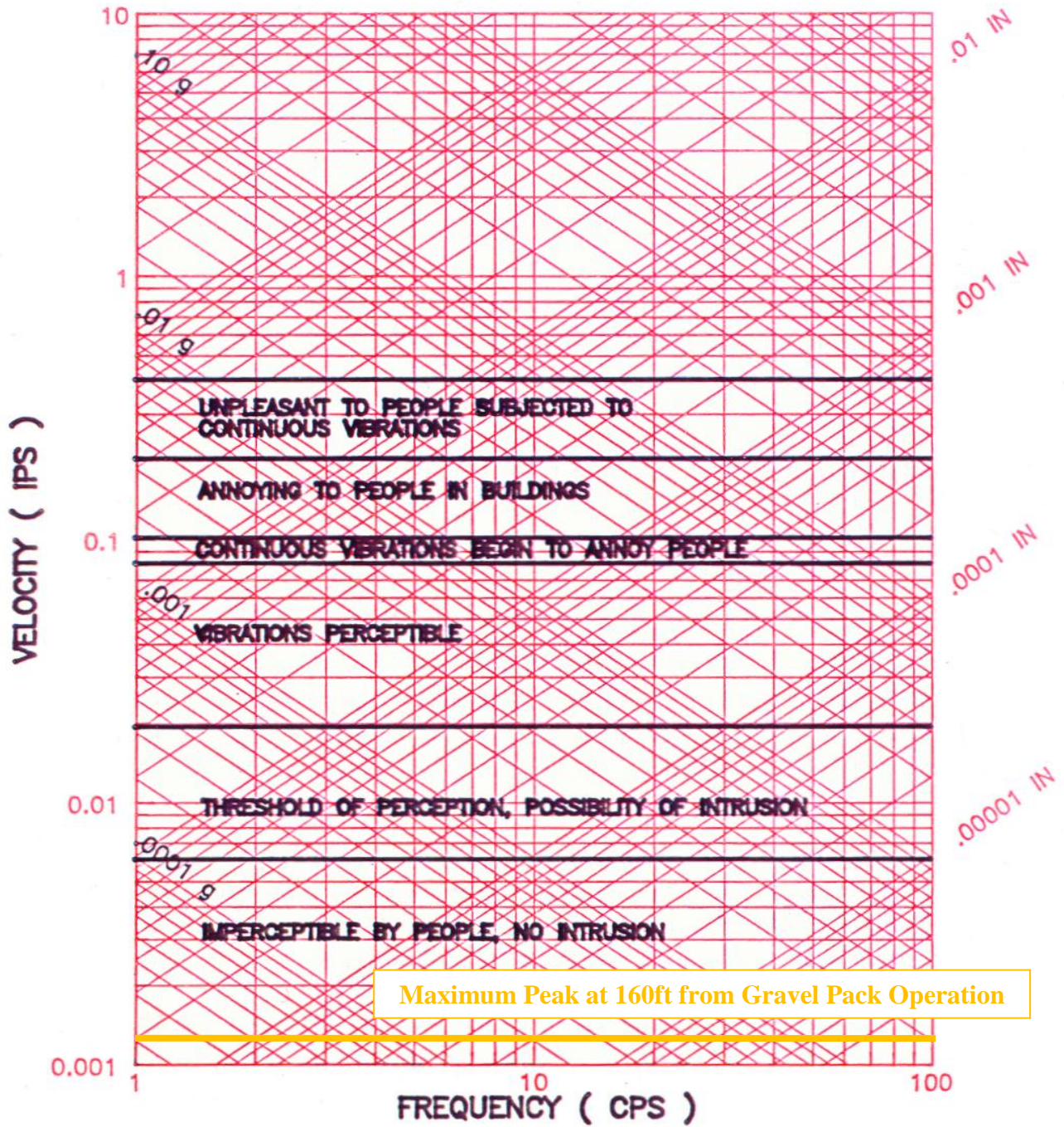
HVHF Operation Vibration Measurement Direction at VIC1-330 site



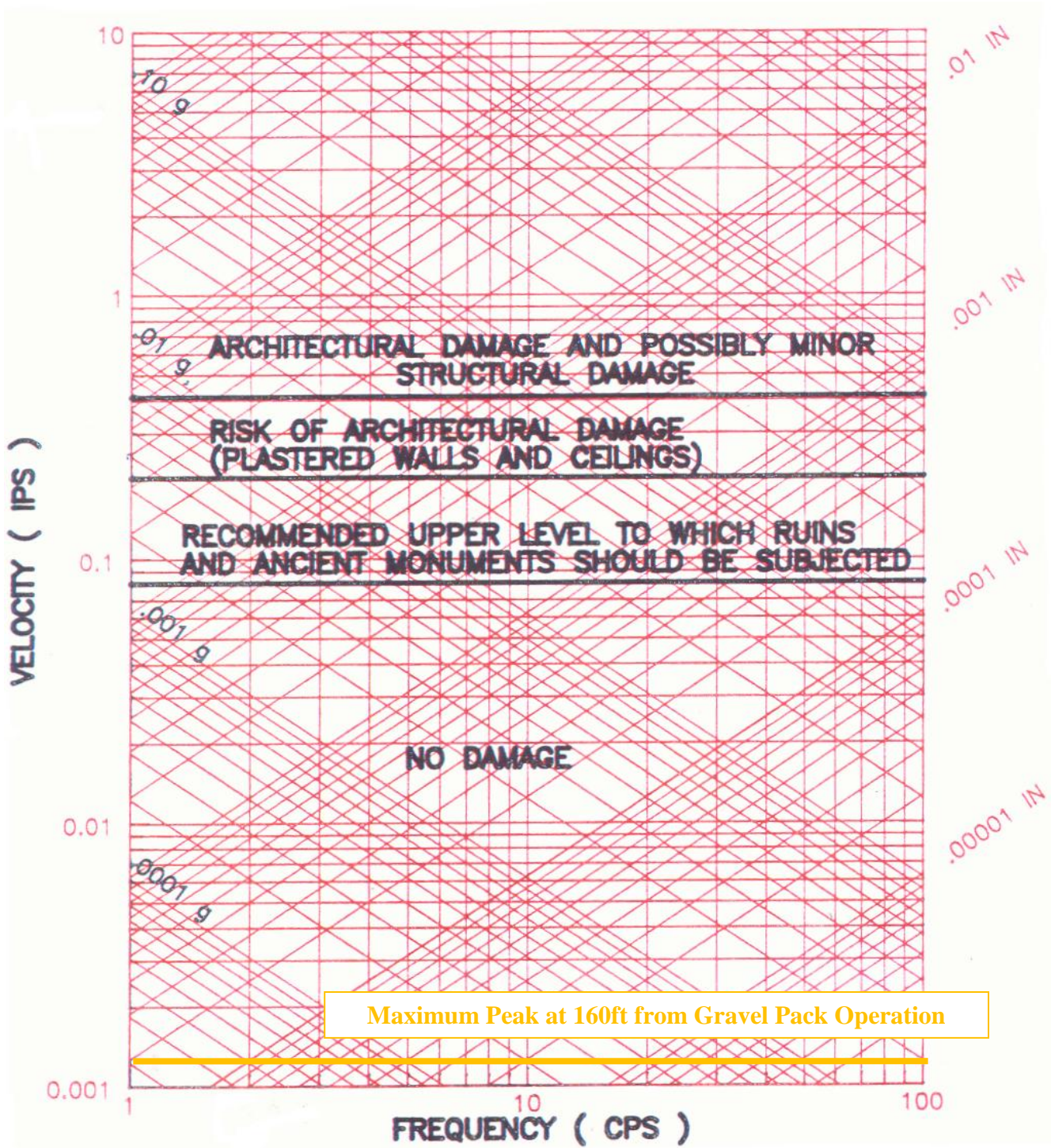
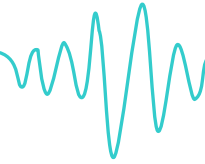
Vibration Levels by Distances from HVHF Operation Equipment at VIC1-330



Vibration Levels by Distances from HVHF Operation Equipment at VIC1-330



Human Vibration Sensitivity Chart



Structural Vibration Sensitivity Chart