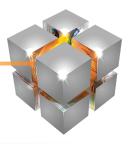# Pegasus Vertex, Inc.

Drilling Hydraulics Software Training Syllabus

8am–5pm

- Introduction
- Software introduction
- Basics of hydraulics calculations
- Hydraulics calculations used in software modeling
- Various analysis options within HYDPRO
    - Fixed flow rate
    - Variable flow rate
    - Bit optimization
- Hydraulics Calibration
- Class exercise
    - Practice modeling and determine total system pressure loss, ECD at a zone of interest above the total well depth, and surge/swab conditions at the chosen trip speed

1 hour lunch break

10 minutes break every hour