HP Geotech

# Steven L. Pawlak, P.E.,C.C.E

President and Project Manager

## Education

MS., Civil Engineering, Arizona State University, 1976

B.S. Civil Engineering, Arizona, State University, 1972

## Registrations

Professional Engineer: Arizona, Colorado
Certified Consulting Engineer: Colorado

## Publications

Mock, R.G. and Pawlak, S.L., 1983, *Alluvial Fan Hazards at Glenwood Springs*, Geological Environment and Soil Properties; presented at American Society of Civil Engineers Fall Convention, Houston, Texas, 1983.

Spitzer, R.H., Jirak, G.T. and Pawlak, S.L., 1986, *Landslide Stabilization Achieved with Horizontal Drains*, presented at 22nd Bi-Annual Symposium on Engineering Geology and Soils Engineering, Boise, Idaho, 1986.

Pawlak, S.L., 1998, *Evaluation, Design and Mitigation, Collapsible Soil Sites in Western Colorado,* Colorado Geological Survey, Geologic Hazards and Engineering Practices in Western Colorado, Glenwood Springs, Colorado, 1998.

Pawlak, S.L. and Others, 2000, *Mitigation of Slope Creep by Subsurface Drainage***,** Performance Confirmation of Constructed Geotechnical Facilities, Geotechnical Special Publication No. 94, presented at Geo-Institute Specialty Conference, University of Massachusetts-Amhurst.

Mr. Pawlak is responsible for the management of geotechnical investigations and consultation on design and construction projects. Typical projects include: ski resort facilities, commercial and residential developments, roadway infrastructures, airport and municipal facilities, mid-to-high-rise structures and earthen embankments.

Mr. Pawlak has gained extensive experience in special mountain terrain problems, such as landslide stability analysis, hillside grading and groundwater drainage. His background includes design of foundations on expansive, collapsible and soft soils. He also supervises field technicians and engineers involved with construction observation, ground water and slope movement instrumentation, and evaluates structures which have experienced distress.

Mr. Pawlak 's project experience includes: highway grading through difficult terrain; stabilization of roadway cut and fill slopes; major commercial, industrial, residential and municipal water and wastewater treatment facilities; analysis and design of numerous low-head earthen dams for permanent storage, temporary detention and irrigation purposes in Arizona, Colorado and Idaho; foundation studies for mid- and high-rise structures in Albuquerque, Denver, Grand Junction, Phoenix and Tucson; and design and installation of driven pile and drilled pier foundations for relatively small to large structures and bridges.