



Andrew C. Smith, CPG

LEAD GEOLOGIST

EDUCATION

B.S. in Geology	1999	Stephen F. Austin State University, Nacogdoches, TX
M.S. in Geology	2002	Idaho State University, Pocatello, ID

GENERAL EXPERIENCE

Andrew has 10 years of experience working in geology and engineering related fields and applications and is a Certified Professional Geologist licensed in the State of Alaska (AK#663). Andrew is a skilled field geologist, and has recorded several thousand hours of subsurface exploration logging, surficial geologic field mapping, and aerial photograph interpretation. He has experience with many forms of geotechnical subsurface data acquisition techniques including: hollow-stem and solid augers, mud and air rotary, direct push, Standard and Modified Penetration Test sampling, cone-penetrator data acquisition, hard rock coring, and test pit excavation; as well as several forms of geophysical data acquisition including: ground penetrating radar, electromagnetics, microgravity, electrical resistivity, and seismic. Andrew also has extensive experience conducting finite-element analysis used to predict the impact of structures on the thermal and hydraulic conditions of subsurface materials.

Andrew has extensive experience dealing with municipal, state, and federal agencies, as well as a good working reputation with drilling and excavation contractors statewide and is known for his ability to deal with, and find reasonable solutions to, complex field situations. Andrew is also approved by the Municipality of Anchorage (MOA) to conduct special inspections for soils, piles, and piers.

Andrew is a proven project manager, and is currently responsible for the execution of the majority of the geotechnical exploration programs conducted by NGE-TFT. Andrew has managed field projects all across Alaska as well as overseas and Andrew has extensive experience across Alaska, and is familiar with the complications that can arise from operating in remote areas.

PROFESSIONAL REFERENCES

- Dave Grenier, P.E. – President, Triad Engineering (907) 561-6537
- Jim Sawhill, P.E. – Senior Civil Engineer, Lounsbury & Associates, Inc. (907) 272-5451
- Travis Woods, P.E. – CEO, Bristol Engineering Services Corp. (907) 563-0013

PROFESSIONAL QUALIFICATIONS

License	2011	Alaska Certified Professional Geologist
Certificate	2005	ICC Underground Storage Tank
Certificate	2006	ACI Concrete Field Technician
Certificate	2005	Troxler Nuclear Densometer Operations
Certificate	2004-13	40 Hour HAZWOPER
Certificate	2011	AIPG Certified Professional Geologist
Qualification	2004	ADEC Qualified Person
Qualification	2005	WAQTC technician Aggregate
Qualification	2005	WAQTC technician Asphalt
Qualification	2013	Exxon Pt. Thomson Security Badge
Qualification	2007	North Slope Training Course (2013
Qualification	2007	British Petroleum Prudhoe Bay Security
Qualification	2005	Alyeska Pipeline Security Badge
Qualification	2007	MOA Approved Special Inspector
Member	2005	ICC Certified Member
Member	2009	Association of Soil & Foundation
Member	2010	American Institute of Professional
Member	2010	Geological Society of America
Member	2010	Assoc. of Environmental & Engineering
Member	2010	Alaska Geological Society