



COMPANY PROFILE

Since the parent firm was founded in 1979, Sarafinchin Associates Ltd. has expanded to provide geological engineering, geotechnical engineering, environmental engineering, hydrogeology, construction inspection, laboratory materials testing, site monitoring, technical surveys and building science services.

Sarafinchin Associates Ltd., utilizes the most current geotechnical and materials testing standards, is certified by the Canadian Council of Independent Laboratories (CCIL) in laboratory testing, and the firm participates in various laboratory correlation programmes including the Ontario Ministry of Transportation (MTO).

ENGINEERING SERVICES

Geotechnical Engineering. Geological mapping, terrain evaluation, geophysical surveys, quarry and aggregate studies, site investigations, soil mechanics, rock engineering, ground improvement, ground engineering, foundation engineering and inspection, soil compaction and earthworks inspection, excavations, slopes and embankments, pavement evaluation and design, vibration and noise studies, tunnelling and dam studies, instrumentation and monitoring, specification review, laboratory materials testing, construction inspection, finite element and computer modelling, research and development.

Environmental Engineering. Environmental Site Assessments Phases I and II, Risk Assessment, hydrogeological assessments, groundwater studies, hydrocarbon and chemical spills, geochemical testing, leachate and methane studies, contaminant migration surveys, waste disposal, septic sewage systems, site decommissioning and remediation, landfill studies, Record of Site Condition, compliance audits, hazardous material surveys, progress reporting and final certification for site cleanup projects.

Laboratory Testing. Quality control and quality assurance testing. Soil, rock, groundwater, aggregate, concrete, grout, mortar, masonry and asphalt technology; petrographic and chemical analyses; geosynthetics; mobile onsite testing units.

Building Sciences. Technical audits, preconstruction and post construction surveys, steel inspection, roofing inspection, fireproofing, waterproofing, building envelopes, thermography, asbestos testing, air quality studies, building rehabilitation and project management.

TYPICAL PROJECTS. Over 3000 projects in 15 countries, mostly in Ontario, including a wide variety of civil engineering, environmental, mining, energy, transportation, telecommunications, land development and building projects for public and private sector clients.

MEMBERSHIPS

Professional Engineers of Ontario
Ordre des Ingenieurs du Quebec
Engineering Institute of Canada
Canadian Society for Civil Engineering

Canadian Geotechnical Society
Tunnelling Association of Canada
Canadian Council of Independent Laboratories
American Society of Testing and Materials