

Mr. Whicker has practised as an acoustical consultant since 1972 and is a principal of BKL Consultants Ltd. His professional experience in all aspects of acoustics and noise control has enabled him to provide cost effective consultation on large and small projects throughout Western Canada. He has appeared as an expert witness before the British Columbia Supreme Court and has testified on environmental noise issues at public hearings of the BC Utilities Commission and the Alberta Energy and Utilities Board. He has also presented lectures on assessment and control of noise in the community to municipal officials, trade groups, architects and consultants.

Mr. Whicker has a well established career in the fields of transportation and environmental acoustics. He carried out the environmental noise assessment for both the SkyTrain Millennium line and the Canada Line. He also worked on the assessment for the PMC and Evergreen Lines from Lougheed Mall to Coquitlam City Hall. He has also carried out a number of studies on the Expo Line and on prior manifestations of transportation systems to Richmond. He has carried out a number of studies on the environmental noise impact of open pit coal mines in the Rocky Mountains. He has worked extensively on the noise impact of transportation systems including aircraft, rail, rapid transit and road.

Mr. Whicker also has developed a specialized expertise in the field of noise isolation design, having undertaken field sound transmission loss measurements of hundreds of separating partitions in residential suites, hotel rooms, and offices. He has developed the acoustical design for a number of arenas, swimming pools, and other sports complexes, and has undertaken the sound isolation design for a number of sound studios both as new design and as retrofit.

Mr. Whicker has also developed a number of specialised computer programs used to evaluate noise problems including sound propagation in HVAC systems and three dimensional sound propagation out of doors.

Years of Experience: 36

Position: Principal, BKL Consultants Ltd.

Education: B.Sc.ME, Mechanical Engineering

Expertise:

- **Transportation Acoustics**
 - Evaluation of road, rail and airport noise including David Avenue connector, Coast Meridian Overpass, Deer Lake Expressway, Cassiar Connector, & 10th Avenue Connector.
- **SkyTrain Acoustics**
 - Evaluation of noise impact of the Greater Vancouver SkyTrain system including Millennium and Canada Lines and other LRT systems.
- **Architectural Acoustics**
 - Leading expert in noise isolation of multi-family residential projects; consultant to Polygon Developers, Degelder, United Properties, Ledingham McAllistar, and others; noise isolation design for Garfinkles at the Whistler Mont Blanc; acoustical design for GM Place Arena, Calgary Saddledome.
- **Environmental Acoustics**
 - Responsible for preparation of EIS for Luscar's Gregg River and Coal Valley Mine Expansions, CRC's Cheviot Coal Mine; BHP Diamonds; West Kootenay Power's Oliver Gas Turbine Generation Plant.
- Frequent lecturer on the subject of acoustics to BC Home Builders Association, BC Window & Door Manufacturers Association, BC Building Envelope Council, and Lower Mainland Public Health and Building Inspectors.

