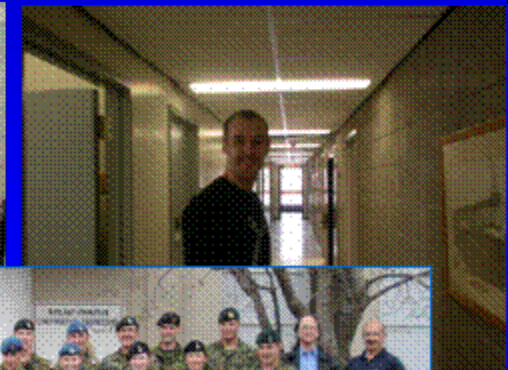
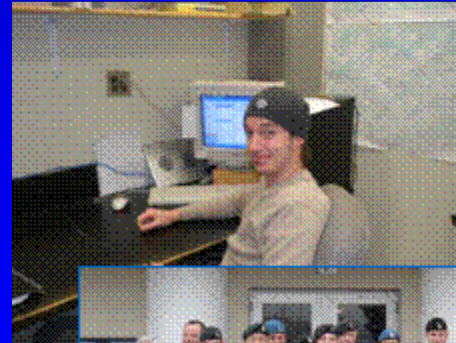
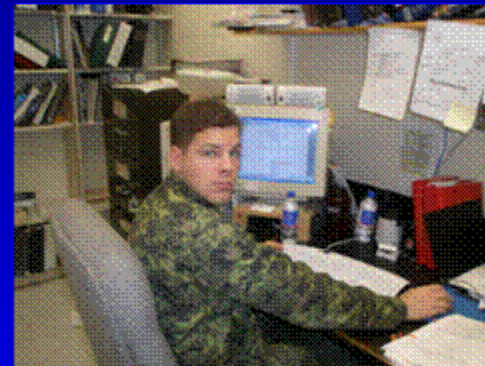
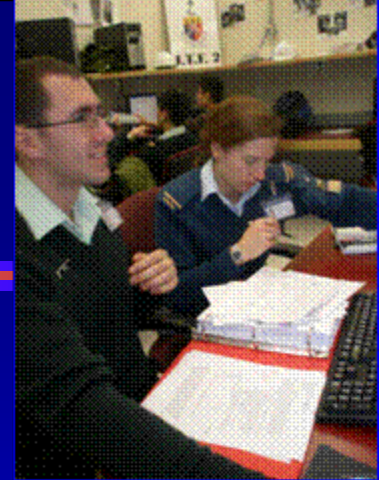




Vision Statement

- To provide the future Civil Engineering leaders for Canadian society in general and for the Canadian Forces in particular.
- To provide world-class leadership in research and to be centres of technical excellence of importance to DND with an emphasis on life-long learning.

Our Strength is our People



Construction Field Trip

Engineering is more than just classroom calcs



alston associates inc.



Geology Field Trip

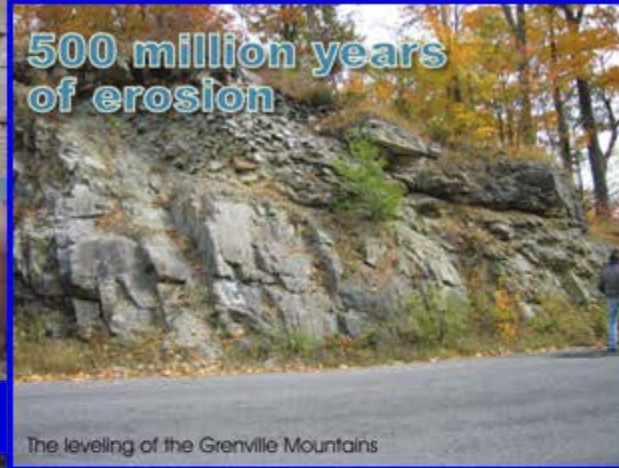
Engineering is more than just classroom calcs



Terrestrial Sand Dunes Showing Cross Beds



500 million years of erosion



The leveling of the Grenville Mountains

Arkose Sandstone

The Rideau Grit - An ancient "soil"?

immature sandstone containing rock fragments and feldspar grains

Unconformity

Canadian Shield Gneiss and quartzite (approx. 1 billion years old)



Inverary, Ontario





3rd Year Field Project



- **Variety of Work**
 - **Survey**
 - **Construction Projects**
 - **Groundwater monitoring**
 - **Sewage treatment plant study**
 - **Traffic Study**





2nd Year Bridge / Crane Competition





Concrete Toboggan National Champions!



**Civil
Engineering**



Great Northern Concrete Toboggan Race



QUEEN'S GRADUATE FIELD COURSE: EUROPEAN ROCK ENGINEERING CASE HISTORIES
Milano, Florence, Pisa, Carrara, La Spezia, Grasse, Malpasset, La Clappiere, Torino, Aosta, Beauregard, Mt. Blanc, Chamonix, Rhone Valley, Randa, Zermatt, Andermatt, Goshenen, Erstfeld, Amsteg, Goldau, Fluelen, Gotthard, Faido, Biasca, Lucomagno, Sedrun, Flims, Feldberg, Vaduz, Innsbruck, Brenner, Longaronne, Verona, Lago di Como, Milano



Bologna-Firenze Road/Rail Tunnels, Michelangelo's David, Tower of Pisa, Carrera Quarry, La Spezia Tunnels, Malpasset Dam Failure, Grasse Rockfalls, La Clappiere Landslide, Torino Metro EPB, Beauregard Dam, Mt Blanc Tunnel, Aguille di Midi, Rhone Valley, Randa Slide, Gornergrat -Matterhorn, Furka Tunnel and Pass, Fluelen, Goschenen and Teufelsbrücke, Goldau Slide, Gotthard Rail & Road Tunnels, Erstfeld TBM (Gotthard), Faido Portal TBM, Piora, Sedrun Tunnel Site, Flims Slide, Feldberg Rockfalls, Brenner Pass, Vaiont Slide, Lago di Como