**Department of Geological Sciences**

**Introduction to Field Mapping and Field Mapping Course**

**List of Equipment for Geological Work**

***Personal:*** *field*

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| *#* | *Equipment* | *Required* | *Recommended* |
| 1 | 15 cm (6 inch) ruler with both metric and imperial (0.1 inch) units; inexpensive | X |  |
| 1 | Hand lens (10X) or better | X |  |
| 1 | 360o protractor (square Douglas or similar protractor is best)  | X |  |
| 1 | Clip board (aluminum 12" x 10" with simple spring hinge preferred) | X |  |
| 1 | Selection of black pencils (4H, 2H and HB) and erasers | X |  |
| 2 | Ball point pens | X |  |
| 1 | Pocket magnet  | X |  |
| 1 | Packsack for day work | X |  |
| 1 | Canteen or water bottle, thermos (some days may be cold) |  | X |
| 1 | Sturdy pocket knife |  | X |
| 1 | Waterproof match case |  | X |
| 1 | Watch |  | X |
| 1 | Whisk broom | X |  |
| 1 | Tape measure - metric and imperial | X |  |
| 1 | Cruiser vest |  | X |
| 1 | Camera (digital) |  | X |
| 1 | Sunscreen, Lip balm and insect repellent |  | X |
| 1 | Kitchen-size garbage bags to protect your work on a wet day |  | X |

***Personal:*** *office*

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| --- | --- | --- | --- |
| *#* | *Equipment* | *Required* | *Recommended* |
| 1 | Set of triangles: 30o-60o triangle and 45o triangle |  | X |
| 2 | Ball point pens |  | X |
| 1 | Selection of black pencils (4H, 2H and HB) and erasers |  | X |
| 1 | Pad of metric squared paper (inexpensive) | X |  |

***Partnership****: field*

|  |  |  |  |
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| *#* | *Equipment* | *Required* | *Recommended* |
| 1 | Geologic hammer (1 lb or 2 lb.); should have a pointed tip (and safety glasses) |  | X |
| 2 | Roll adhesive tape for labeling | X |  |
| 1 | Set of marker pens (red, black) | X |  |
| 1 | Pocket first aid kit | X |  |

***Partnership****: office*

|  |  |  |  |
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| *#* | *Equipment* | *Required* | *Recommended* |
| 1 | Stereonet with pad of tracing vellum | X |  |
| 1 | Roll transparent scotch or magic tape | X |  |
| 1 | Roll masking tape | X |  |
| 1 | Set of coloured pencils | X |  |
| 1 | Drawing pens such as Rapidograph (0, 1, 2) pen or PILOT drawing pen (in a variety of thicknesses, e.g. 0.2, 0.3, 0.5, 0.7) (permanent black ink for drawing pens, if needed) | X |  |

\*\*\* I will also be checking to see if you have adequate rain gear, and especially foot gear (running shoes are not adequate – safety concerns)

*Equipment Suppliers*:

Deakin Equipment Ltd., 1610 Powell Street, Vancouver, V5L 1H4; www.deakin.com

Neville Crosby Inc., 445 Terminal Ave., Vancouver, V6A 2L7; www.nevcros.com

Norseman Supply, 78 Diamond, Winnipeg; Tel. 668-3700