





Wk	Lecture 1 (1hr)	Lecture 2 (1hr)	Lecture 3 (1hr)	Lab 1 (2hr)	Lab 2 (2hr)	Assessment
1	Intro to course (IG)	Weathering, oxidation and alteration (IG)	Ore Petrology (IG)	Revision of minerals (IG)	Alteration assemblages and structures (IG)	
2	Volcanogenic massive sulfide deposits (IG)	Structural controls on ore deposits (MvK)	JORC code and compliance (JB)	Ore petrology (IG)/Ore suites 1 (IG)	Ore suites 2 (IG)	First summary sheet (initial feedback on deposit reports)
3	Porphyry Cu-Au-Mo 1 (IG)	Porphyry Cu-Au-Mo 2 (IG)	Sedimentary and supergene Fe/Mn deposits (IG)	Ore suites 3 (IG)	Ore suites 4 (IG)	
4	Public Holiday (no class)	Hydrothermal Au 1 (IG)	[REDACTED] (JB)	Ore suites 5 (IG)	Ore suites 6 (IG)	
5	Use of portable technologies (DC)	Magmatic deposits 1 (IG)	[REDACTED] (IG)	Mineral economics (DC)	Ore suites 7 (IG)	
5				Coal 1 (JB)	Coal II (JB)	Summary sheets due

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**Week 10**

**Mon 14 Nov Industry Speaker**

**Wed 16 Nov Student Seminars**

**Thu 17 Nov Student Seminars**

**IG = Ian Graham**

**MvK = Martin van Kranendonk**

**DC = David Cohen**

**JB = John Barber**

**NR = Neil Rutherford**

**LAB Classes**

**WEEK 1**

**Wed 14 Sept LAB 1, 11-1: Revision of minerals (IG)**

**Fri 16 Sept LAB 2, 11-1: Alteration assemblages and structures (IG)**

**WEEK 2**

**Wed 21 Sept LAB 3, 11-1: Ore Petrology/Ore suites 1 (IG)**

**Fri 23 Sept LAB 4, 11-1: Ore suites 2 (IG)**

**WEEK 3**

**Wed 28 Sept LAB 5, 11-1: Ore suites 3 (IG)**

**Fri 30 Sept LAB 6, 11-1: Ore suites 4 (IG)**

**WEEK 4**

**Wed 5 Oct LAB 7, 11-1: Ore suites 5 (IG)**

**Fri 7 Oct LAB 8, 11-1: Ore suites 6 (IG)**

**WEEK 5**

**Coal component for MINE2810 students / normal classes for GEOS3141 students**

**Wednesday 12 Oct LAB 9, 11-1: Mineral Economics (DC)98 Tm0 g0 G[ )JTJETQ000008873 0 59544 841**

**WEEK 8**

**Wed 2 Nov LAB 13, 11-1: Ore suites 9 (IG)**

**Fri 4 Nov LAB 14, 11-1: Lab skills revision (IG)**

**WEEK 9**

**Wed 9 Nov LAB 15, 11-1: Lithogeochemistry (DC)**

**Fri 11 Nov LAB 16, 11-1: Lab skills test (IG)**

**WEEK 10**

**Wed 16 Nov LAB/LEC 17, 11-1: Geotechnical (industry)**

**Fri 18 Nov Lab 18, 11-1: Field techniques (IG)**

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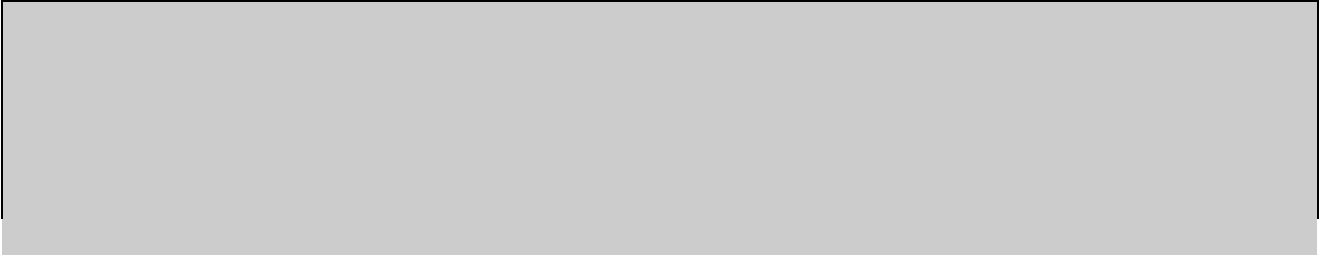






<i>Laboratories</i>		

*Seminar  
GEOS3141  
only*







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*(Excerpts from*

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