**April 2015, Editing notes for the GPG**

Note that the following list is in the order as the files appear in the Sublime Text editor, not in the order that they appear on the website. This is done, hopefully, to facilitate navigating for editorial purposes.

**DC**

Instruments

* Section ok

Measurements and data

* There is reference to the "Azimuthal resistivity" section, not included in the new GPG. Please edit line or add section.

Principles

* Section ok

Surveys

* Section ok

**EM**

Concepts

* Section ok

Frequency Domain Systems

* Section ok

**Foundations**

Contents

* There are several references here from the old GPG that are not in the new GPG. I added this as per the hardcopy edit provided; however, please consider reworking this section.

Model Types

* Section ok

Seeing underground conclusions

* Section ok

Seeing underground example

* Figure 3 radio buttons not working
* Mt Milligan magnetic susceptibility script not working

Seeing underground geotechnical example

* Section ok

Seeing underground intro

* Section ok

Seeing underground inversion

* Section ok

Seeing underground primer

* Figure 2 radio buttons are inactive

Seeing underground seven steps

* Section ok

Seeing underground survey methods

* Section ok

**GPR**

Concepts and Examples

* Section ok

**Gravity**

*Note: This is directly from the original GPG and may require editing.*

Basics

* The original GPG has a mouseover effect on one figure. I did not reproduce it here and edited the text accordingly.

Data

* Equation links for Eotvos effect, free air anomaly and Bouger anomaly are broken. Please add to new version of desired.

Example

* Section ok

Gradients

* Section ok

Introduction

* Section ok

Other notes

* Section ok

**IP**

Forward modelling

* Section ok

Introduction

* Section ok

Measurements and data

* Section ok

Physical properties

* Section ok

**Inversion**

*Note: These are notes taken from Doug’s EOSC 454 class and are “as is.” Elaboration of the text or other modifications will be required.*

Basics

* Revise

Discretization

* Revise

Overview

* Revise

**Magnetics**

*Note: consider revising and adding the section on units.*

Buried Dipole

* Section ok

Buried Structures

* Section ok

Earth’s field

* There appears to be a change in CSS style in my browser; otherwise, section ok.

Gradient magnetics

* Section ok

IGRF (note this is just a subsection and not a proper page)

* Section ok

Instruments

* Section ok

Introduction

* Section ok

Line profiles

* Section ok

Plotting processing

* Section ok

Simple vs. Complex

* Section ok

Susceptibility

* Section ok

Three figures

* Section ok

**Seismic Reflection**

Common reflection points

* Section ok

Filtering

* The original GPG has a "click to enlarge" feature here, not added. Add if desired.

Introduction

* Section ok

Migration

* Section ok

Refection and transmission of plane waves

* Section ok

Seismogram

* There is a placeholder for the “understanding negative reflection and differences in velocities” applet.

Stacking

* The original GPG had a “click to enlarge” feature. This was not carried over to the new version. Add if desired.

Static corrections

* Section ok

Surveys

* There is a place holder for a stacking and SNR applet on this page

Travel time curves

* Section ok

Travel time curves for multiple layers

* Section ok

Vertical resolution

* Here is a placeholder for two items: (1) seismic source waveforms applet and (2) a synthetic seismogram applet

**Refraction**

Reflection and transmission of plane waves

* This section was edited in hardcopy and was largely moved over to the reflection area. Section is ok.

Fundamental physics

* Section ok

Introduction

* Section ok

Raw refraction data

* Section ok

Ray paths

* Section ok

Advanced techniques

* By request this section was not completed. It is merely a placeholder in the event that it is wanted for future use.

Dipping layers

* Section ok

Horizontal layers

* Section ok

Irregular layers

* By request this section was not completed. It is merely a placeholder in the event that it is wanted for future use.

Other topics

* Section ok

Sources

* There is a placeholder for an accelerometer applet here.

Velocity

* Section ok

**Additional things to look out for:**

* Units. There are instances where units are included in inline math mode and others where they are not. This is an inconsistency on my part.
* For elements like *ith,* a convention needs to be chosen regarding italicisation, inline math mode, or no emphasis.