

## List of changes

1. P. 15 line 6 – mostly was changed to occasionally.  
“Chromitite layers are considered to form at the base of crystallization cycles within the Critical Zone but are occasionally found within intermediate parts of some Upper Critical Zone cycles (Scoon and Teigler, 1994).”
2. P. 46 Table 1, SL24 added, was previously omitted.
3. Chapter 3 was renamed Sampling strategy and 3.1 and 3.1 merged to 3.1 Sampling. Index updated accordingly.
4. Appendix updated all column headings visible.
5. Five sample points removed due to wt% totals less than 100. 53L core and rim 2, 53B core and rim 1 and k3.3a rim 5. Samples were removed from figures where individual samples were plotted, however where figures are plotted using averages these were not updated. The percentage difference between the new and old averages would not make any material difference to the plots and conclusions and are all well within 8%.
  - a. Vertical section Figures on P.67 – 83 updated.
  - b. Grain size plots, Fig. 5.2.3.1 updated.
  - c. Lateral variation plots, Fig. 5.2.7.1 updated Type 1 and Type 2b.
  - d. Cr# vs Mg# for all samples Fig. 5.2.9.1 updated.
  - e. Cation values for k3.3a in Fig. 6.1.2.1 updated.
  - f. Lateral variation plots, Fig. 6.1.2.3 updated Type 1 and Type 2b.
6. Changed comment at the end of the section as recommended.  
“Overall some lateral variability across the study area or even beyond (to the west) was observed, however this variability is not regular or persistent.”
7. Appendix updated, data host mineral sources for Fig. 5.2.4.1 indicated in the table.
8. Figure 6.4.2.2.1 added and figure caption added to list of figures.
9. P. 164 comment changed from fractionation to reequilibration.

“The chromite grains from this study showed a strong Trend A which is attributed to the reequilibration of chromite.”