



Fig. 4.2 Contour maps of the M(A), C(B) and N(C)-zones that illustrate the significant increase of  $Mn_3O_4$  concentrations immediately adjacent to the suboutcrop of the Lower Mn orebody against the Kalahari Formation. These maps are based on available data for all 22 drill cores that were logged and analysed for this study. Illustrated on the maps are, however, only the position of those drill cores that were selected as reference holes for unaltered, weakly altered and strongly altered ore. Please note that Rex 44 was omitted from these contour maps, because of the low data density surrounding this hole.