



Figure 1.1 A: Geographic position of the KMF in the Northern Cape Province. B: Locality map illustrating the approximate size and outline of the five erosional relicts of the Hotazel Formation. Note the distribution of major ore types, presently operating and former mines and important geological structures. Please also note the position of the study area (hatched) of the present investigation along the eastern suboutcrop perimeter of the Hotazel Formation between Mamatwan Mine and Smartt Mine. C: Enlarged impression of the study area to the immediate south of the border between the farms Smartt and Rissik.