

Figure 2: K4-5 The right ingredients to host a Giant.

Magnetics combined with satellite imagery reveals the large-scale folding and complex trend changes associated with the K4-5 host structures.

Shown here is the large K4-5-Dassa gold anomaly (circled) arrayed around late NNW striking fold axes and situated at the south-western tip of a large complex magnetic high (red and outlined heavy white dash).

The magnetic high is a large volcanic center comprised of volcanics and intrusives of mostly andesite/diorite composition with subordinate dacites/granites and basalts/gabbros of ocean island affinity.

The high appears to be an in-folded/thrust transported extension of the Hounde belt volcanics which are present in the NW corner of the image. After a southerly excursion from the Hounde belt, the volcanic complex makes a complex turn NE in the K4-5 region, and then strikes grossly NE to join with the Goren Belt. South of the K4-5 prospect lies the NNE- NS-NNW trending Boromo Belt.

As such K4-5 is located at a major triple point of great structural complexity, bending and large multidirectional trend changes. All ingredients that are often associated empirically with the location of giant mineral deposits.

Inset shows magnetics without satellite overlay.

K4-5 anomaly values B: >12ppb; Y: >25ppb and R: >100ppb Au

