

GAND 23

KWAZANDA GANDA

GRID 4, F1, layer 3.

SLAG

15 fragments

260,9 g total mass

Sampled for x-ray diffraction polished section GAND 23

petrographic thin section GAND 23

Thin section large crystallographically coherent domains of fente with unexpressed visible dendrites.

Polished section (1947)

- i bright droplets of iron
- ii light grey wistite dendrites
- iii medium grey fayalite laths
- iv Dark grey granular interstitial glass

Wistite dendrites cut across fayalite laths, with no evolved wistite in the fayalite crystals themselves.  $\Rightarrow$  wistite solidified first.

In places, shiny edge - possibly magnetite.

Section generally homogeneous with slightly more fayalite at the edges. Voids probably represent gas bubbles evolved during cooling.

Smelting slag - uniform, high kaopitac components apparently in equilibrium quasi-equilibrium.

$\rightarrow$  (v) light blue grey crystals (hercynite?)  
~~sericite?~~ !!