

DE HOOP IA RESULTS

Burial McGregor Museum, Kimberley

RIGHT EAR-RING.

(SUBMITTED BY ~~DATA~~ MONTAGS)

COPPER / BRASS WIRE 1,5 mm DIAMETER COVERED IN BRIGHT GREEN CORROSION PRODUCT AND FORMED INTO AN OPEN RING. BADLY CORRODED, BELL-SHAPED HANGING PART BROWN IN COLOUR. BELL-SHAPED PART BADLY CRACKED LONGITUDINALLY.

Mass: 0,649 g

Non-MAGNETIC. except for the non core fragment.

Polished section: Inclusions i elongated + contorted strings of blue oxide, trapped surface material (2+3) ii rounded cuprite globules (blue + red reflections) (3.). Inclusion banding parallel to long axis except near the tip, folded over near included surface oxide (2). Inclusions very small and rounded \Rightarrow hot working. Coating of blue surface oxide with corrosion penetrating along grain boundaries.

Fe₂O₃ etc: recrystallised, equiaxed copper grains ASTM 9, annealed, turned (5)

EDS:

RIGHT a	bulk	(r)	100%	Cu
b	metal	(s)	100%	Cu
c	incl.	(s)	100%	Cu
d	incl.	(s)		