Catalog of selected samples from the University of Witwatersrand archaeology collection:

Object	21/39/5
Object Code	SA-ROI-1
Site	Rooiberg
Context	Found on Smelters Kopje (No. 2)
Description	Fragment of a bar ingot. Previously sampled, chemical data detailed on back of tag. Chemistry of ingot published by Friede 1975 as "block ingot" 21/39/5 (1.05% Si, 0.05% Sn, 0.03% Pb, 0.01% Fe, Tr Ni, As).
Picture	Arizona Archaeological and Historical Society Arizona State Museum The University of Arizona PO Box 210026 Tucson, AZ 85721-0026

Object	21/39/2
Object	SA-ROI-2
Code	
Site	Rooiberg
Contex	Ancient tin mine
t	
Descrip	Bun ingot. Many samples have already been taken of this object. There are
tion	associated shavings in the bag that we could collect. Mounted sample is also in the
	bag. Previously analyzed – arsenical bronze. Discussion by Miller (2010) says that is
	24.7% As by bulk composition, but that the actual chemistry varies widely by
Distance	sample spot.
Picture	
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Object	21/39/2
Object Code	SA-ROI-3
Site	Rooiberg
Context	Ancient tin mine
Description	Cutoff from copper ingot 21/39/2.
Picture	Arizona Archaeological and Historical Society Arizona State Museum The University of Arizona PO Box 210026 Tucson, AZ 85721-0026

Object	21/39/13A
Object Code	SA-ROI-4
Site	Rooiberg
Context	Ancient tin mine
Description	Cut sample of Azurite
Picture	Arizona Archaeological and Historical Society Arizona State Museum The University of Arizona PO Box 210026 Tucson, AZ 85721-0026

Object	21/39/13B
Object Code	SA-ROI-5
Site	Rooiberg
Context	Ancient tin mine
Description	Cut sample of malachite
Picture	Arizona Archaeological and Historical Society Arizona State Museum The University of Arizona PO Box 210026 Tucson, AZ 85721-0026

Object	43/68
Object	SA-ROI-6
Code	SA-NOI-0
Site	Rooiberg
Context	
	Central group
Descriptio	Malachite ore samples.
n	
Picture	Arizona Archaeological and Historical Soci Arizona State Museum The University of Arizona PO Box 210026 Tucson, AZ 85721-0026

Object	43/68
	SA-ROI-7
Object Code	
Site	Rooiberg
Context	No. 3 furnace
Description	Malachite ore samples.
Picture	Arizona Archaeological and Hist Arizona State Museum The University of Arizona PO Box 210026 Tucson, AZ 85721-0026

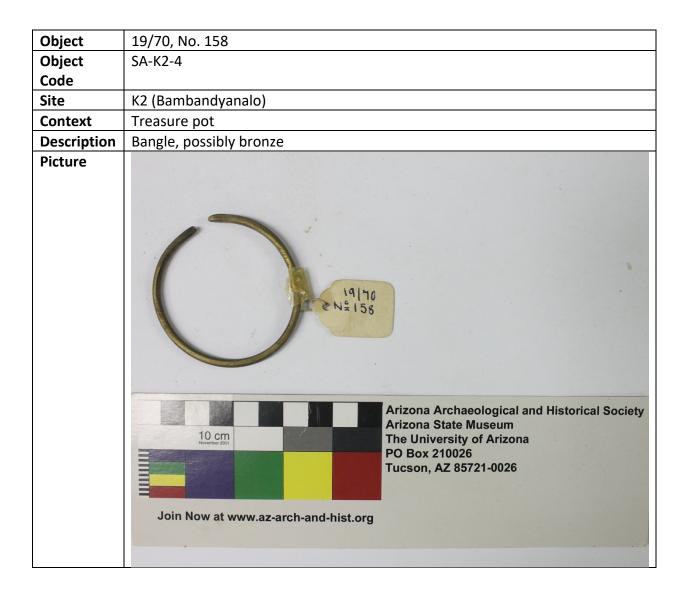
Object	21/20/6
	21/39/6
Object Code	SA-ROI-8
Site	Rooiberg
Context	Blaauwbank
Description	Bronze ingot fragment. Has marks from two previous samples. Chemical composition is on the back of the tag and was published in Friede 1975 as "slug ingot" (Cu ~80%, 5% Fe, 7% Sn, 3% Ni, 2% As, 3% Si – per back of tag. Composition variable based on 1975 results). Also published in Miller (2010).
Picture	- Reciberg Concient Tin Mines - Transvaal - Transvaal - George Ingot - found on farm Blacombank by No Laurenson, near Reciberg, District W Analysis over) NE3 N Letter ce SM. M. Journal Vol. X & Nº8 Page 127
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Object	19/70, No. 87
	SA-K2-1
Object	SA-KZ-1
Code	
Site	K2 (Bambandyanalo)
Context	Treasure pot
Descriptio	Bangle piece, ~9cm long, has some kind of coating or lacquer on it. From
n	Gardner's excavations.
Picture	V.R. Lowe 19/70 No. 19/70

Object	19/70, No. 54
Object Code	SA-K2-2
Site	K2 (Bambandyanalo)
Context	Treasure Pot
Description	16 wound copper bangles roughly 11 cm in diameter. 15 are complete and 1 is fragmentary. We would target the single fragmentary sample.
Picture	Arizona Archaeological and Histori Arizona State Museum The University of Arizona PO Box 210026 Tucson, AZ 85721-0026

	10/70 N 55
Object	19/70, No. 55
Object Code	SA-K2-3
Site	K2 (Bambandyanalo)
Context	Treasure Pot
Description	26 fragments of wound bangles. Some tightly wound, some appear to have been unwound. One has a nick on it showing yellowish metal. We would target a fragmentary piece.
Picture	Arizona Archaeological and Historical Society Arizona State Museum The University of Arizona PO Box 210026 Tucson, AZ 85721-0026



Obia at	10/70 No. 52
Object	19/70, No. 52
Object	SA-K2-5
Code	
Site	K2 (Bambandyanalo)
Context	Treasure pot
Descriptio	Bangle, possibly bronze
n	
Picture	Arizona Archaeological and Historical Social Arizona State Museum The University of Arizona PO Box 210026 Tucson, AZ 85721-0026 Join Now at www.az-arch-and-hist.org

Object	55/45
Object Code	SA-LER-3
Site	Phalaborwa
Context	
Description	Lerale ingot, one sample cut from end. Possibly the Phalaborwa lerale reported by Friede 1975 (no number given in the publication, but it is reported as 0.45% Fe, 0.04% Ni). Also published in Miller (2010).
Picture	Slore Age of Performance of Performa

	Tarr	
Object	3/41	
Object	SA-LER-4	
Code		
Site	Northhampton, Acornhoek (Pilgrim's rest area)	
Context		
Descriptio	Lerale ingot, ~50cm long. Possibly published by Friede 1975, but unclear which	
n	is #2. Chemical composition published in Friede 1975 (2.35% Fe, 0.32% Ni, Tr	
	Pb, As, Sn).	
Picture	THE Heals sticks from Nurthampson, Acombrek, Navison	
	Arizona State Museum The University of Arizona Po Box 210026 Tucson, AZ 85721-0026	
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Object	3/41
Object Code	SA-LER-5
Site	Northhampton, Acornhoek (Pilgrim's rest area)
Context	
Description	Lerale ingot, ~55cm. Possibly published by Friede 1975, but unclear which is #2. Chemical composition published in Friede 1975 (2.35% Fe, 0.32% Ni, Tr Pb, As, Sn).
Picture	The state and the state of the

Object	Harmony Mine malachite sample
Object Code	SA-HAR-1
Site	Harmony Mine
Context	Q2, layer 1
Description	Contains many samples of malachite from Harmony mine.
	Most have little to no copper, but this is an important mine
	to try to include in our background geological database.
Picture	SNAFU 92 Jayer I Malachite Arizona Archaeological and Historical Society Arizona State Museum The University of Arizona PO Box 210026 Tucson, Az 85721-0026



