## Supporting Online Material for:

## COMBINING LEGACY DATA WITH NEW DRONE AND DGPS MAPPING TO IDENTIFY THE PROVENANCE OF PLIO-PLEISTOCENE FOSSILS FROM BOLT'S FARM, CRADLE OF HUMANKIND (SOUTH AFRICA)

Tara R. Edwards\*<sup>1</sup>, Brian J. Armstrong<sup>1</sup>, Jessie Birket-Rees<sup>2</sup>, Andy I.R. Herries<sup>1</sup>, Alexander F. Blackwood<sup>1</sup>, Paul Penzo-Kajewski<sup>1</sup>, Robyn Pickering<sup>4, 5</sup>, Justin W. Adams<sup>3,6</sup>

Correspondence should be addressed to: Tara R Edwards: T.edwards@latrobe.edu.au

## SOM includes:

Supplementary Figures:

Figure SF1: Scan of original map by Peabody

Figure SF2: Photo of secondary map by Peabody, prepared back at UCMP

Figure SF3: New permanent datum points and coordinates for Bolt's Farm

Figure SF4: Scan of Field Notes from Camp 1948 – Plan drawings of Pit 23

Figure SF5: Scan of Field Notes from Peabody 1948- location (pit) 13 as a dump above Pit 5.

Figure SF6: Scan of Field Notes from Camp 1948- australopithecine humerus from Pit 3.

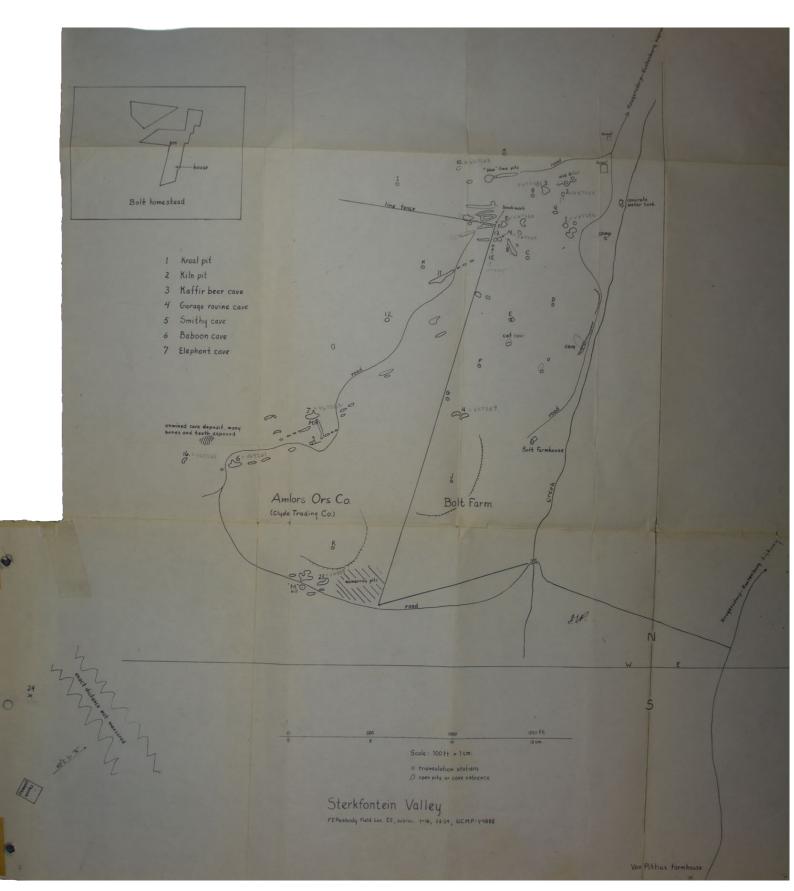
Figure SF7: Scan of Field Notes from Camp 1948 - head of "human" femur

Figure SF8: Scan of Field Notes from Camp 1946 - four femurs from "man ape" at Bolt's Farm

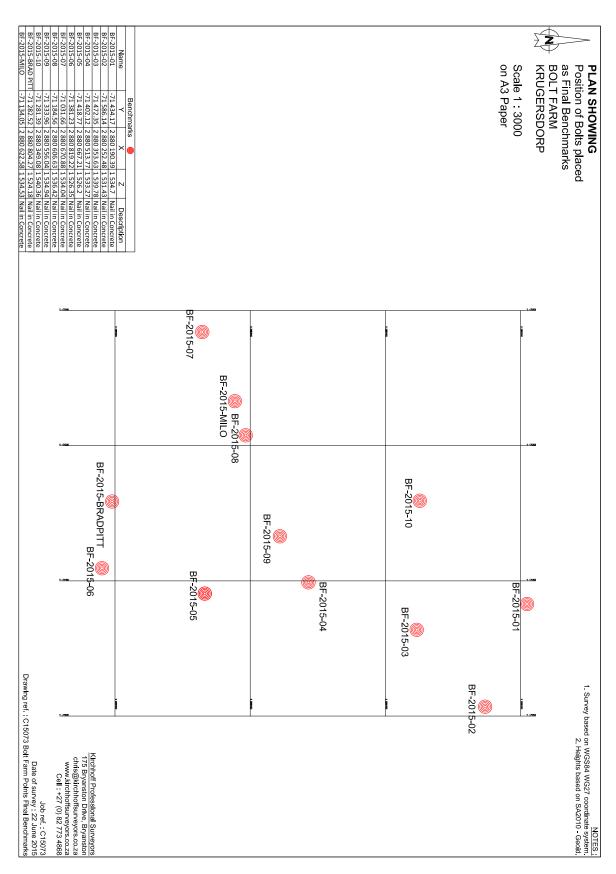
Figure SF9: Scan of Field Notes from Camp 1948 - MSA site above Bolt Farm house.



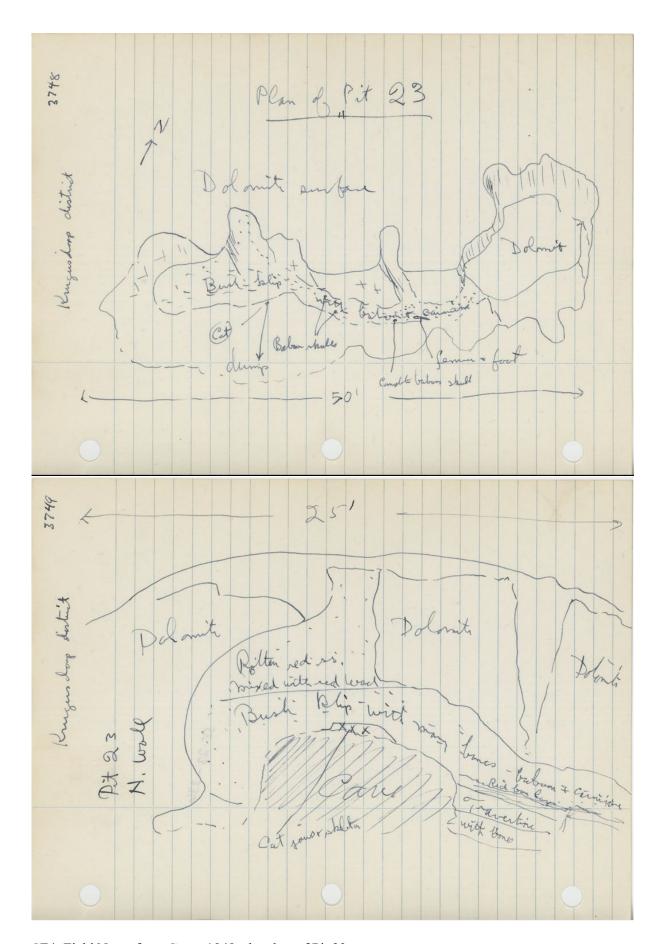
SF1: Original Map produced in the field by Frank Peabody 1948.



SF2: Map produced by Peabody after UCAE, based on the survey above.



SF3: Datum points and coordinates for Bolt's Farm



SF4: Field Notes from Camp 1948, sketches of Pit 23

Stockforten Farm april 23 gathered up personal odds & Indo (contin) daning day, Robinson dropped in Lor e viset since he was visiting Starts. forten locality. He Expensed surprise at the perfect preservation of our prosp. femur. He says that their ofisme which produces anstralo, is only 1/10 worked out and as very wide. Took variety of pres of Tom his zool. collection april 24. Lived up odds a suds and Then to Johns for a break - dinner a cards with the Campo and Rays Peturned to camp late, april 25 Sunday got in some good liches at dump prospecting. Found primate shull top , protably large batom , in dumps 1 stacked just above smithy care (5-) and very sich rodent brecia. Not sure but think the stuff removes from cave system up hill, over the fines because 5 itself is very barren of formels although stowing a nier section of laminated fill. Prospected about put 100' nw along Jimes from BM and found a percer of

SF5: Field notes from Peabody 1948 discuss location (pit) 13 as a dump above Pit 5.

	R 0+#
	Bolt Farm
10	P -11.
Chru	boys excavating around the australogisters
+ 4	Gogs excavating around the austropitters by have found little else at that
Man.	apr. 12 - Started two boys at pit no. 3
and	on at pit no. 2. These lie 100 gds
14. 9	pit no. 1 when humans of austral pits
was	found.
a	chimney of dark trown breccia
at 1	V. W. corner of pet 3 is yeelder
alen	adant antelope bones, teeth javos,
alon	S. side of this large pit Century
a ci	even) near the surface is a
dark	e pinh brecia with abundant
rod	ent jaws + a few rodert ,
sh	ew skulls. One of latte +
sev	end of former were obtained this
A.R	. 0
	M. went with Frank to pit
	, 150 yds. N. W. of Bolt House.
1 ten	yessie . I found a hyaena (3)
Sku	Il reveral days ago. with
it,	ous the front of a lower jows
do	house I found the rest
g t	tus house jaw today, also
Agam	e large that lois
a J	it of antelope face.
No	twis brot in pt. Ba balon jace
SE6: Notes from Camp 1948 making reference to australonithecine humerus from Pit 3	

SF6: Notes from Camp 1948 making reference to australopithecine humerus from Pit 3.

3714 Balt Farm Got supplies. Stayed in boeb's sint at Skyline. Sat. apr. 17 - Breakfast with bother of Bradford Washburn of Beston, who is here looking about on the Viking Fund. He thinks it difficult muscle exterpatea on shullo in prinate + ones in June they want to visit Taungs of other part. prepared a head of "human" femme Collected by us for the natives flu days a go o not recognized. Probably it came from close to camp rea pits 3 or 2 dark red breccia, presurably from near the surface as that hacing as it was raining we all came in to peruguedays to want letters.

SF7: Notes from Camp 1948 refers to head of "human" femur

## 3715 Bolt Farm Sun . apr. 18 - Finished last of twenty letter + went to gobing to see hoels + Sflend, Met. S. Washbeen from Poston brother of the mountainer - naturalist Bradford Washburn. He is a specialist on primate anatomy + bone - muscle development. Had discussion about Tamas + Broomis discoveries. He thinks Broom's pelvis has man like Drin + ape - like ischnim. Says loudement is now of opinion that meganthropes + Crigantopitheus are similar to Australopitheus. Daing Mon. apr. 19 - Stayed at Krugusdop o out to wet camp this morning. Set of ten blasts this afternoon. Took the visitors Tom cam in, we now have four femora of man-ape, a possible should vertile & humans. Washbern thats bom figures on pg 3702 is a ferment we does around it a exposed Frankis femmis man-ape acr. & Brown + Washlum con curs. It has a prominent gluteal ridge - meaning upwat gail. The shoft is dense + the bone thick > (

SF8: Notes from Camp 1946 making reference to four femurs from "man ape".

Van Pittin fam

SF9: Notes from Camp 1948 reference MSA site above Bolt Farm house.