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Resource Consultants
BK 98 09854/23

**THE EXHUMATION AND RELOCATION OF GRAVES
ON THE FARM ZONDAGSVLEI 9 IS,
EMALAHLENI DISTRICT, MPUMULANGA PROVINCE**

For:

**Zenzele Funeral Home
P.O.Box 301
WITBANK
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REPORT: AE 404

November 2004

31064

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SUMMARY

Archaetnos CC. was contracted by Zenzele Funerals, on behalf of Khutala Collieries, to exhume and relocate 16 graves situated on the farm Zondagsvlei 9 IS, near Ogies in the Emalahleni District, Mpumalanga Province. The extension of the existing Collieries is being undertaken in this area, and these graves will be directly impacted upon by the mining operations.

Detailed photographic documentation of each burial was conducted, while all remains were also measured and examined by the archaeologists before removal.

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**THE EXHUMATION AND RELOCATION OF GRAVES
ON THE FARM ZONDAGSVLEI 9 IS,
EMALAHLENI DISTRICT, MPUMALANGA PROVINCE**

AIMS

The aims of the archaeological exhumation of the burials were the following:

- to identify and locate all possible human remains contained in these burials to facilitate their complete and successful relocation
- detailed and complete documentation of the graves, burials and their contents, using archaeological methodology and practice

We were informed by the client about the extent of the area that will be affected by the proposed development. They also indicated the position of each grave that had to be exhumed and relocated. The work was to be confined to this area.

LEGISLATIVE REQUIREMENTS

Aspects concerning the conservation of cultural resources are mainly dealt with in two acts. These are the South African Heritage Resources Act (Act 25 of 1999) and the Environmental Conservation Act (Act 73 of 1989).

South African Heritage Resources Act

Archaeology, palaeontology and meteorites

Section 35(4) of this act states that no person may, without a permit issued by the responsible heritage resources authority:

- destroy, damage, excavate, alter, deface or otherwise disturb any archaeological or palaeontological site or any meteorite;
- destroy, damage, excavate, remove from its original position, collect or own any archaeological or palaeontological material or object or any meteorite;
- trade in, sell for private gain, export or attempt to export from the Republic any category of archaeological or palaeontological material or object, or any meteorite; or
- bring onto or use at an archaeological or palaeontological site any excavation equipment or any equipment which assists in the detection or recovery of metals or archaeological and palaeontological material or objects, or use such equipment for the recovery of meteorites.
- alter or demolish any structure or part of a structure which is older than 60 years as protected.

The above mentioned may only be disturbed or moved by an archaeologist, after receiving a permit from the South African Heritage Resources Agency.

Human remains:

In terms of Section 36(3) of the National Heritage Resources Act, no person may, without a permit issued by the relevant heritage resources authority:

- destroy, damage, alter, exhume or remove from its original position of otherwise disturb the grave of a victim of conflict, or any burial ground or part thereof which contains such graves;
- destroy, damage, alter, exhume or remove from its original position or otherwise disturb any grave or burial ground older than 60 years which is situated outside a formal cemetery administered by a local authority; or
- bring onto or use at a burial ground or grave referred to in paragraph (a) or (b) any excavation, or any equipment which assists in the detection or recovery of metals.

Human remains that are less than 60 years old are subject to provisions of the Human Tissue Act (Act 65 of 1983) and to local regulations.

Exhumation of graves must conform to the standards set out in the **Ordinance on Excavations (Ordinance no. 12 of 1980)** (replacing the old Transvaal Ordinance no. 7 of 1925). Permission must also be gained from the descendants (where known), the National Department of Health, Provincial Department of Health, Premier of the Province and local police. Furthermore, permission must also be gained from the various landowners (i.e. where the graves are located and where they are to be relocated) before exhumation can take place.

Human remains can only be handled by a registered undertaker or an institution declared under the **Human Tissues Act (Act 65 of 1983 as amended)**.

Environmental Conservation Act

This act states that a survey and an evaluation of cultural resources should be undertaken in areas where development, which will change the face of the environment, is to be made. The impact of the development on the cultural resources should also be determined and proposals to mitigate this impact are to be formulated.

METHODOLOGY

Exhumation and relocation

After documentation, each grave was opened by Zenzele Funerals staff up to the level of the burial, or when the first human remains and/or cultural material was encountered. The archaeologists then opened up the remains carefully using required excavation equipment, before detailed documentation commenced. After documentation, the remains were removed and placed in new coffins supplied by Zenzele, and taken to the new cemetery to be re-interred.

Documentation

The documentation comprised the following:

Photographic - Each burial, with its contents in situ, was photographically documented.

Burial Recording Forms - These forms were used to record all relevant details of each grave and burial, such as dimensions, position, contents, preservation of remains, cultural material found and all other observations regarding the skeletal remains (See Appendix I for forms).

DESCRIPTION OF THE AREA

The two gravesites, in which the graves are located, are situated on the farm Zondagsvlei 9 IS, near Ogies in the Emalahleni district of Mpumalanga province.

Both sites, named C & D by the client, are semi-formal farm cemeteries, and are located in the open veld. Site C is situated near a small spruit and marshy area, while Site D is next to an old farm road and fence. All the remains from Sites C & D were relocated to Phola Municipal Cemetery near Ogies. Besides the skeletal remains, all cultural material recovered with it, were also removed to this cemetery.

DISCUSSION

A total of 16 graves, contained in two areas, were exhumed and relocated.

Site C contained 4 graves and Site D a total of 12 that needed to be investigated by the archaeologists. Of the 16 graves, only 1 was older than 60 years of age (based on information obtained from the client and locals). Although most of the other unknown graves were quite possibly younger than 60 years old, it was impossible to determine their correct ages and it was felt that archaeologists should properly investigate them.

None of the graves had any headstones, while all 16 were packed with stone. Preservation of skeletal remains were very poor throughout, the soil being damp in most cases and because many of the graves belonged to those of infants or young children. Only 5 adults were exhumed, of which one was a definite male and one a female. Skeletal remains were absent all together in 9 graves, while in the other 7 graves preservation of bones ranged between 20% and 90%. Grave goods and other cultural material were recovered from most of the graves. These included pieces of coffin nails and wood, corrugated sheets of iron, fragments of blankets and personal clothing, as well as buttons, a string of beads, a plastic nappy and a baby dummy.

CONCLUSIONS AND RECOMMENDATIONS

In conclusion, the exhumation and relocation of graves threatened by the new mining operations at Khutala Collieries were successful. All sixteen were fully documented and excavated, with all possible remains and grave goods relocated to the Phola Cemetery.

Although it is assumed that all graves older than 60 years, or otherwise, have been located in the area, it is not impossible that more might be identified in the course of mining development. In the event of more being found, archaeologists should be consulted for the exhumation and relocation of these remains. If any other cultural remains (historical or archaeological) are uncovered, these should also be investigated properly before being removed or further disturbed.

PROJECT TEAM

Dr. A. C. van Vollenhoven
A.J. Pelser
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APPENDIX 1

**HUMAN REMAINS RELOCATION
BURIAL FORM**

Feature No. 1
 GPS: _____
 Burial No. D11
 Reservoir Phola Cemetery

Site No. Site D
 Farm: Zondagsvlei 9 IS
 Province Mpumalanga
 Country South Africa

1. **LOCATION**
 a. Square ~ _____
 b. Horizontal _____

 c. Depth from surface 1.43m
 d. Depth from datum _____

2. **BURIAL TYPE**
 a. Extended d. Reburial _____
 b. Flexed _____ e. Cremation _____
 c. Semiflexed _____ f. Part crem. _____
 g. Other _____

3. **BURIAL DIMENSIONS**
 a. Max. length 1m79 Dir. E-W
 b. Max. width 48cm Dir. N-S
 c. Thickness 10cm

4. **DEPOSITION**
 a. Position E-W
 b. Head to E

5. **GRAVE TYPE**
 a. Surface _____ c. Cist _____
 b. Pit d. Other _____
 c. Shape Rectangular

6. **GRAVE DIMENSIONS**
 a. Max. length 2m12 Dir. W-E
 b. Max. width 1m03 Dir. N-S
 c. Depth 30cm

7. **STRATIFICATION**
 a. Inclusive _____ c. Precedent _____
 b. Intrusive d. Disturbed _____
 e. _____

14. **REMARKS:**

15. **HEAD STONE:**

8. **ASSOCIATIONS**
 a. Features: Farm Cemetery

b. Specimens: Corrugated iron sheeting on top of coffin, coffin nails, clothing and blanket

9. **PRESERVATION**
 a. Poor _____ Fair _____ Good

10. **COMPLETENESS**
 95-100%

11. **SEX**
 a. M F _____ Indeterminate _____

12. **AGE**
 a. Infant _____ d. Adult _____
 b. Child _____ e. Mature
 c. Adolescent _____ f. Senile _____

13. **NEG. Nos.**

a. Yes: _____ No:

16. **HEAD STONE AND GRAVE DIMENSIONS:**

a. Max. length: HS _____ G
 b. Max. width: HS _____ G
 c. Thickness: HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. **HEAD STONE MATERIAL:**

a.

19. **PHOTOGRAPH OF BURIAL**



Recorded by: Frank Teichert Date: 30/10/2004

**HUMAN REMAINS RELOCATION
BURIAL FORM**

Feature No. 2
 GPS: _____
 Burial No. D6
 Reservoir Phola Cemetery

Site No. Site D
 Farm: Zondagsvlei 9 IS
 Province Mpumulanga
 Country South Africa

1. **LOCATION**
 a. Square ~ _____
 b. Horizontal _____

 c. Depth from surface 1m51cm
 d. Depth from datum _____

8. **ASSOCIATIONS**
 a. Features: Farm Cemetery.

2. **BURIAL TYPE**
 a. Extended X d. Reburial _____
 b. Flexed _____ c. Cremation _____
 c. Semiflexed _____ f. Part crem. _____
 g. Other _____

b. Specimens: Blanket & plastic dummy

3. **BURIAL DIMENSIONS**
 a. Max. length 40cm Dir. E-W
 b. Max. width 30cm Dir. N-S
 c. Thickness _____

4. **DEPOSITION**
 a. Position E-W
 b. Head to E

9. **PRESERVATION**
 a. Poor X Fair _____ Good _____

5. **GRAVE TYPE**
 a. Surface _____ c. Cist _____
 b. Pit X d. Other _____
 c. Shape Rectangular

10. **COMPLETENESS**
0%

6. **GRAVE DIMENSIONS**
 a. Max. length 1m74 Dir. E-W
 b. Max. width 1m70 Dir. N-S
 c. Depth 1m51

11. **SEX**
 a. M _____ F _____ Indeterminate X

7. **STRATIFICATION**
 a. Inclusive _____ c. Precedent _____
 b. Intrusive X d. Disturbed _____
 e. _____

12. **AGE**
 a. Infant X d. Adult _____
 b. Child _____ c. Mature _____
 c. Adolescent _____ f. Senile _____

13. **NEG. Nos.**

15. **REMARKS:** One small bone fragment was retrieved.

15. **HEAD STONE:**

a. Yes: _____ No: X

16. **HEAD STONE AND GRAVE DIMENSIONS:**

a. Max. length: HS _____ G
 b. Max. width: HS _____ G
 c. Thickness: HS _____ G

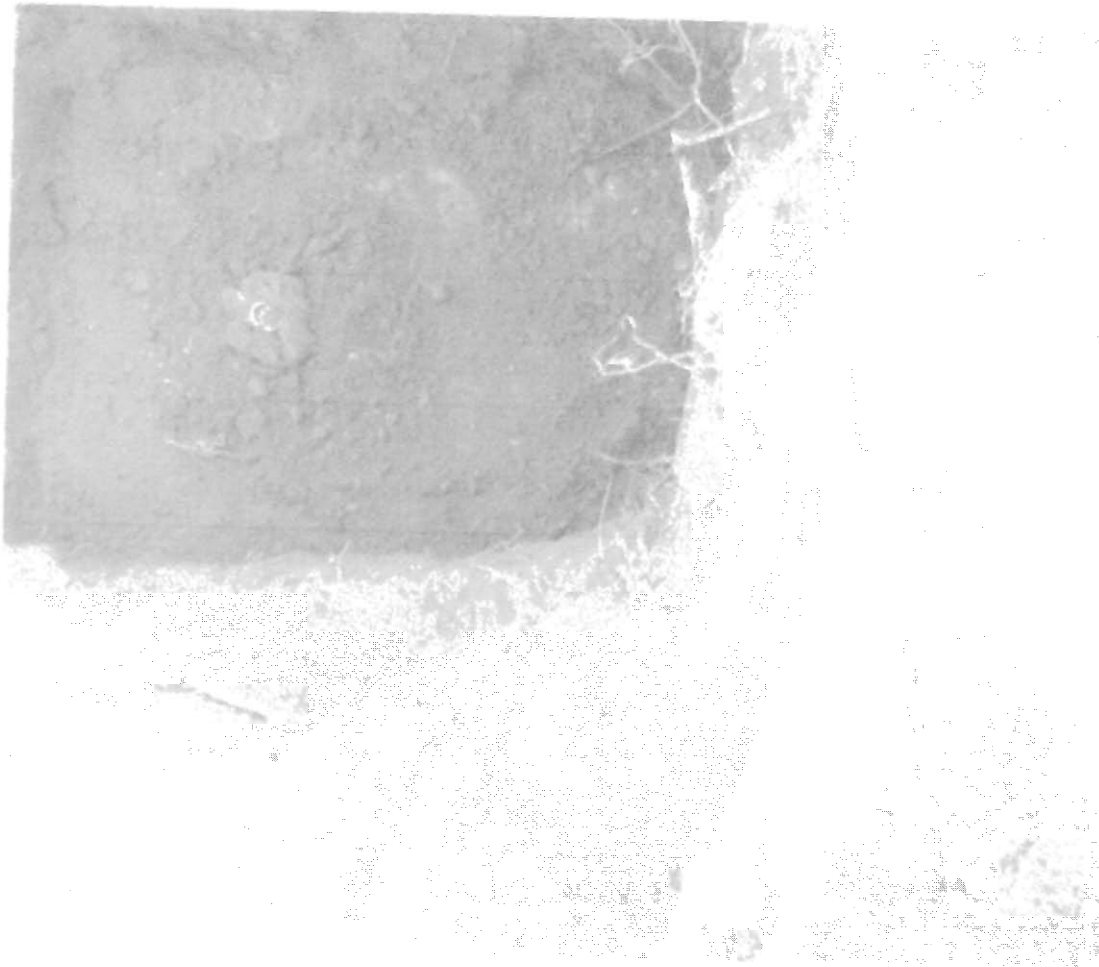
17. **HEAD STONE INSCRIPTION:**

a. _____

18. HEAD STONE MATERIAL:

a.

19. PHOTOGRAPH OF BURIAL



Recorded by: Frank Teichert Date: 30/10/2004

HUMAN REMAINS RELOCATION
BURIAL FORM

Feature No. 3
GPS:
Burial No. D32
Reservoir Phola Cemetery

Site No. Site D
Farm: Zondagsvlei 9 IS
Province Mpumulanga
Country South Africa

1. **LOCATION**
a. Square ~ _____
b. Horizontal _____
c. Depth from surface 1m53cm
d. Depth from datum _____

8. **ASSOCIATIONS**
a. Features: Farm Cemetery.

2. **BURIAL TYPE**
a. Extended d. Reburial _____
b. Flexed _____ e. Cremation _____
c. Semiflexed _____ f. Part crem. _____
g. Other _____

b. Specimens: No material

3. **BURIAL DIMENSIONS**
a. Max. length Dir. E-W
b. Max. width Dir. N-S
c. Thickness _____

4. **DEPOSITION**
a. Position E-W
b. Head to _____

9. **PRESERVATION**
a. Poor Fair _____ Good _____

5. **GRAVE TYPE**
a. Surface _____ c. Cist _____
b. Pit d. Other _____
e. Shape Rectangular

10. **COMPLETENESS**
0%

6. **GRAVE DIMENSIONS**
a. Max. length 2m45 Dir. E-W
b. Max. width 0m91 Dir. N-S
c. Depth 1m53

11. **SEX**
a. M _____ F _____ Indeterminate

7. **STRATIFICATION**
a. Inclusive _____ c. Precedent _____
b. Intrusive d. Disturbed _____
e. _____

12. **AGE**
a. Infant _____ d. Adult ?
b. Child _____ c. Mature
c. Adolescent _____ f. Senile

16. **REMARKS:**

13. **NEG. Nos.**

15. **HEAD STONE:**

a. Yes: _____ No:

16. **HEAD STONE AND GRAVE DIMENSIONS:**

a. Max. length: HS _____ G
b. Max. width: HS _____ G
c. Thickness: HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. **HEAD STONE MATERIAL:**

a.

19. **PHOTOGRAPH OF BURIAL**



Recorded by: Frank Teichert Date: 30/10/2004

HUMAN REMAINS RELOCATION
BURIAL FORM

Feature No. 4
GPS:
Burial No. D20
Reservoir Phola Cemetery

Site No. Site D
Farm: Zondagsvlei 9 IS
Province Mpumalanga
Country South Africa

1. **LOCATION**
a. Square ~ _____
Farm
b. Horizontal _____
c. Depth from surface 1m55cm
d. Depth from datum _____

8. **ASSOCIATIONS**
a. Features:

Cemetery.

2. **BURIAL TYPE**
a. Extended X d. Reburial _____
b. Flexed _____ e. Cremation _____
c. Semiflexed _____ f. Part crem. _____
g. Other _____

b. Specimens: Piece of Corrugated iron

3. **BURIAL DIMENSIONS**
a. Max. length ~ _____ Dir. _____
b. Max. width ~ _____ Dir. _____
c. Thickness ~ _____

4. **DEPOSITION**
a. Position E-W
b. Head to _____

9. **PRESERVATION**
a. Poor X Fair _____ Good _____

5. **GRAVE TYPE**
a. Surface _____ c. Cist _____
b. Pit X d. Other _____
e. Shape Rectangular

10. **COMPLETENESS**
0%

6. **GRAVE DIMENSIONS**
a. Max. length 1m80 Dir. E-W
b. Max. width 88cm Dir. N-S
c. Depth 1m55

11. **SEX**
a. M _____ F _____ Indeterminate X

7. **STRATIFICATION**
a. Inclusive _____ c. Precedent _____
b. Intrusive X d. Disturbed _____
e. _____

12. **AGE**
a. Infant X d. Adult _____
b. Child _____ e. Mature _____
c. Adolescent _____ f. Senile _____

13. **NEG. Nos.**

17. **REMARKS:**

15. **HEAD STONE:**

a. Yes: _____ No: X

16. **HEAD STONE AND GRAVE DIMENSIONS:**

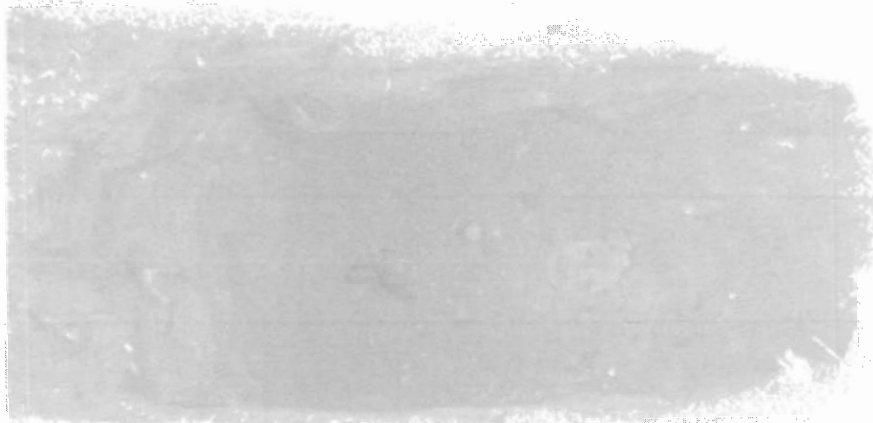
a. Max. length: HS _____ G
b. Max. width: HS _____ G
c. Thickness: HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. **HEAD STONE MATERIAL:**

a.

19. **PHOTOGRAPH OF BURIAL**



Recorded by: Frank Teichert Date: 30/10/2004

**HUMAN REMAINS RELOCATION
BURIAL FORM**

Feature No. 5
 GPS:
 Burial No. D25
 Reservoir Phola Cemetery

Site No. Site D
 Farm: Zondagsvlei 9 IS
 Province Mpumalanga
 Country South Africa

1. **LOCATION**
 a. Square ~ _____
 b. Horizontal _____

 c. Depth from surface 1m93cm
 d. Depth from datum _____

8. **ASSOCIATIONS**
 a Features: Farm Cemetery.

2. **BURIAL TYPE**
 a. Extended X d. Reburial _____
 b. Flexed _____ c. Cremation _____
 c. Semiflexed _____ f. Part crem. _____
 g. Other _____

b. Specimens: Corrugated iron sheeting

3. **BURIAL DIMENSIONS**
 a. Max. length ~ Dir. E-W
 b. Max. width ~ Dir. N-S
 c. Thickness ~ _____

4. **DEPOSITION**
 a. Position E-W
 b. Head to _____

9. **PRESERVATION**
 a. Poor X Fair ___ Good ___

5. **GRAVE TYPE**
 a. Surface _____ c. Cist _____
 b. Pit X d. Other _____
 e. Shape Rectangular

10. **COMPLETENESS**
0%

6. **GRAVE DIMENSIONS**
 a. Max. length 2m01 Dir. E-W
 b. Max. width 1m12cm Dir. N-S
 c. Depth 1m93cm

11. **SEX**
 a. M ___ F ___ Indeterminate X

7. **STRATIFICATION**
 a. Inclusive _____ c. Precedent _____
 b. Intrusive X d. Disturbed _____
 e. _____

12. **AGE**
 a. Infant X d. Adult _____
 b. Child _____ e. Mature _____
 c. Adolescent ___ f. Senile _____

13. **NEG. Nos.**

18. **REMARKS:**

15. **HEAD STONE:**

a. Yes: _____ No: X

16. **HEAD STONE AND GRAVE DIMENSIONS:**

a. Max. length:HS _____ G
 b. Max. width:HS _____ G
 c. Thickness:HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. **HEAD STONE MATERIAL:**

a.

19. **PHOTOGRAPH OF BURIAL**



Recorded by: Frank Teichert Date: 30/10/2004

**HUMAN REMAINS RELOCATION
BURIAL FORM**

Feature No. 6
GPS:
Burial No. D24
Reservoir Bethal Cemetery

Site No. Site D
Farm: Zondagsvlei 9 IS
Province Mpumulanga
Country South Africa

1. **LOCATION**
a. Square ~ _____
b. Horizontal _____
c. Depth from surface 1m41cm
d. Depth from datum _____

8. **ASSOCIATIONS**
a. Features: Farm Cemetery.

2. **BURIAL TYPE**
a. Extended d. Reburial _____
b. Flexed _____ c. Cremation _____
c. Semiflexed _____ f. Part crem. _____
g. Other _____

b. Specimens: Corrugated iron

3. **BURIAL DIMENSIONS**
a. Max. length ~ Dir. E-W
b. Max. width ~ Dir. N-S
c. Thickness ~ _____

4. **DEPOSITION**
a. Position E-W
b. Head to _____

9. **PRESERVATION**
a. Poor Fair _____ Good _____

5. **GRAVE TYPE**
a. Surface _____ c. Cist _____
b. Pit d. Other _____
c. Shape Rectangular

10. **COMPLETENESS**
0%

6. **GRAVE DIMENSIONS**
a. Max. length 2m24 Dir. E-W
b. Max. width 90cm Dir. N-S
c. Depth 1m41

11. **SEX**
a. M ___ F ___ Indeterminate

7. **STRATIFICATION**
a. Inclusive _____ c. Precedent _____
b. Intrusive d. Disturbed _____
e. _____

12. **AGE**
a. Infant _____ d. Adult
b. Child _____ c. Mature _____
c. Adolescent ___ f. Senile _____

19. **REMARKS:**

13. **NEG. Nos.**

15. **HEAD STONE:**

a. Yes: _____ No:

16. **HEAD STONE AND GRAVE DIMENSIONS:**

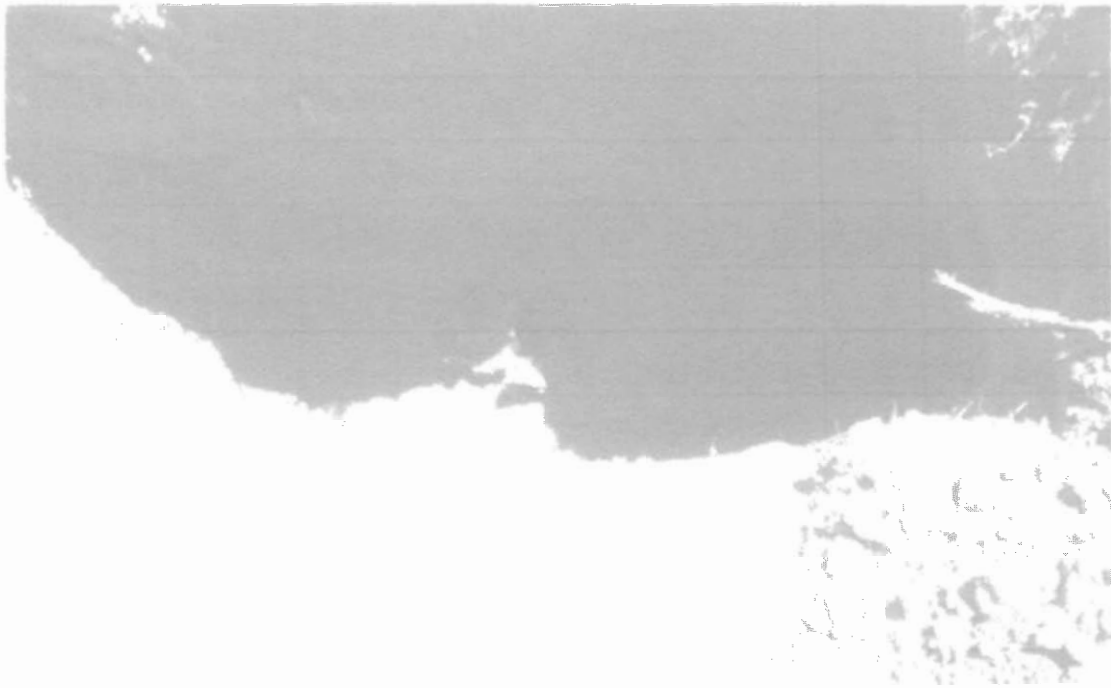
a. Max. length:HS _____ G
b. Max. width:HS _____ G
c. Thickness:HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. **HEAD STONE MATERIAL:**

a.

19. **PHOTOGRAPH OF BURIAL**



Recorded by: Frank Teichert Date: 30/10/2004

**HUMAN REMAINS RELOCATION
BURIAL FORM**

Feature No. 7
 GPS:
 Burial No. D55
 Reservoir Phola Cemetery

Site No. Site D
 Farm: Zondagsvlei 9 IS
 Province Mpumulanga
 Country South Africa

1. **LOCATION**
 a. Square ~ _____
 b. Horizontal _____
 c. Depth from surface 1m22cm
 d. Depth from datum _____

8. **ASSOCIATIONS**
 a Features: Farm Cemetery.

2. **BURIAL TYPE**
 a. Extended X d. Reburial _____
 b. Flexed _____ e. Cremation _____
 c. Semiflexed _____ f. Part crem. _____
 g. Other _____

b. Specimens: Corrugated iron sheeting

3. **BURIAL DIMENSIONS**
 a. Max. length 75cm Dir. E-W
 b. Max. width 41cm Dir. N-S
 c. Thickness ~ _____

4. **DEPOSITION**
 a. Position E-W
 b. Head to _____

9. **PRESERVATION**
 a. Poor X Fair _____ Good _____

5. **GRAVE TYPE**
 a. Surface _____ c. Cist _____
 b. Pit X d. Other _____
 e. Shape Rectangular

10. **COMPLETENESS**
0%

6. **GRAVE DIMENSIONS**
 a. Max. length 1m86 Dir. W-E
 b. Max. width 86cm Dir. N-S
 c. Depth 1m22

11. **SEX**
 a. M ___ F ___ Indeterminate X

7. **STRATIFICATION**
 a. Inclusive _____ c. Precedent _____
 b. Intrusive X d. Disturbed _____
 e. _____

12. **AGE**
 a. Infant X d. Adult _____
 b. Child _____ e. Mature _____
 c. Adolescent ___ f. Senile _____

13. **NEG. Nos.**

20. **REMARKS:**

15. **HEAD STONE:**
 a. Yes: _____ No: X

16. **HEAD STONE AND GRAVE DIMENSIONS:**
 a. Max. length:HS _____ G
 b. Max. width:HS _____ G
 c. Thickness:HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. **HEAD STONE MATERIAL:**

a.

19. **PHOTOGRAPH OF BURIAL**



Recorded by: Frank Teichert Date: 30/10/2004

**HUMAN REMAINS RELOCATION
BURIAL FORM**

Feature No. 8
GPS:
Burial No. D35
Reservoir Phola Cemetery

Site No. Site D
Farm: Zondagsvlei 9 IS
Province Mpumulanga
Country South Africa

1. **LOCATION**
a. Square ~ _____
b. Horizontal _____

c. Depth from surface 1m30cm
d. Depth from datum _____

8. **ASSOCIATIONS**
a. Features: Farm
Cemetery.

2. **BURIAL TYPE**
a. Extended X d. Reburial _____
b. Flexed _____ c. Cremation _____
c. Semiflexed _____ f. Part crem. _____
g. Other _____

b. Specimens: Corrugated iron
sheeting

3. **BURIAL DIMENSIONS**
a. Max. length 80cm Dir. E-W
b. Max. width 50cm Dir. N-S
c. Thickness ~ _____

4. **DEPOSITION**
a. Position E-W
b. Head to _____

9. **PRESERVATION**
a. Poor X Fair ___ Good ___

5. **GRAVE TYPE**
a. Surface _____ c. Cist _____
b. Pit X d. Other _____
e. Shape Rectangular

10. **COMPLETENESS**
0%

6. **GRAVE DIMENSIONS**
a. Max. length 1m90 Dir. E-W
b. Max. width 1m20 Dir. N-S
c. Depth 1m30

11. **SEX**
a. M ___ F ___ Indeterminate X

7. **STRATIFICATION**
a. Inclusive _____ c. Precedent _____
b. Intrusive X d. Disturbed _____
e. _____

12. **AGE**
a. Infant X d. Adult _____
b. Child _____ c. Mature _____
c. Adolescent ___ f. Senile _____

21. **REMARKS:**

13. **NEG. Nos.**

15. **HEAD STONE:**

a. Yes: _____ No: X

16. **HEAD STONE AND GRAVE DIMENSIONS:**

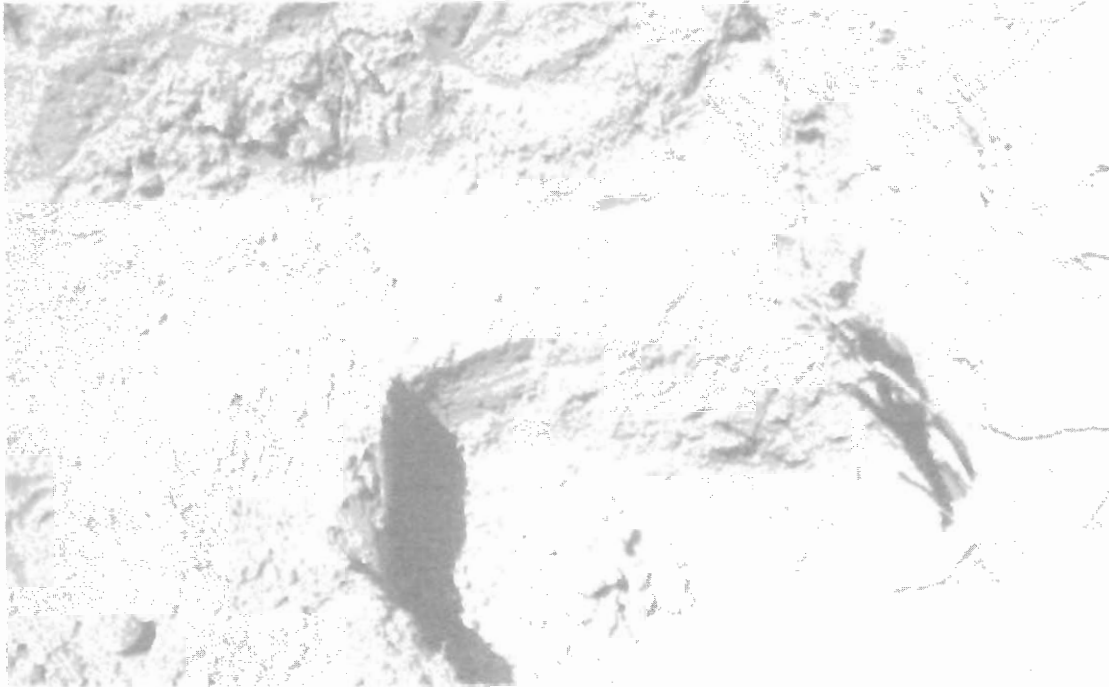
a. Max. length: HS _____ G
b. Max. width: HS _____ G
c. Thickness: HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. HEAD STONE MATERIAL:

a.

19. PHOTOGRAPH OF BURIAL



Recorded by: Frank Teichert Date: 30/10/2004

HUMAN REMAINS RELOCATION
BURIAL FORM

Feature No. 9
GPS:
Burial No. D26
Reservoir Phola Cemetery

Site No. Site D
Farm: Zondagsvlei 9 IS
Province Mpumulanga
Country South Africa

1. **LOCATION**
a. Square ~
b. Horizontal _____
c. Depth from surface 1m60cm
d. Depth from datum _____

8. **ASSOCIATIONS**
a. Features: Farm Cemetery.

2. **BURIAL TYPE**
a. Extended d. Reburial _____
b. Flexed _____ e. Cremation _____
c. Semiflexed _____ f. Part crem. _____
g. Other _____

b. Specimens: Corrugated iron sheeting, coffin wood and nails.

3. **BURIAL DIMENSIONS**
a. Max. length 1m75 Dir. E-W
b. Max. width 35cm Dir. N-S
c. Thickness 15cm

4. **DEPOSITION**
a. Position E-W
b. Head to _____

9. **PRESERVATION**
a. Poor Fair _____ Good _____

5. **GRAVE TYPE**
a. Surface _____ c. Cist _____
b. Pit d. Other _____
e. Shape Rectangular

10. **COMPLETENESS**
15-20 %

6. **GRAVE DIMENSIONS**
a. Max. length 2m15 Dir. E-W
b. Max. width 92cm Dir. N-S
c. Depth 1m62

11. **SEX**
a. M ___ F ___ Indeterminate

7. **STRATIFICATION**
a. Inclusive _____ c. Precedent _____
b. Intrusive d. Disturbed _____
e. _____

12. **AGE**
a. Infant _____ d. Adult
b. Child _____ e. Mature _____
c. Adolescent _____ f. Senile _____

13. **NEG. Nos.**

22. **REMARKS:** Bone in very poor condition. Soil extremely wet. Hole in top part of cranium. Possibly caused by sharp object. This could've been the cause of death

15. **HEAD STONE:**

a. Yes: _____ No:

16. **HEAD STONE AND GRAVE DIMENSIONS:**

a. Max. length:HS _____ G
b. Max. width:HS _____ G
c. Thickness:HS _____ G

17. **HEAD STONE INSCRIPTION::**

18. HEAD STONE MATERIAL:

a.

19. PHOTOGRAPH OF BURIAL



Recorded by: Frank Teichert Date: 30/10/2004

**HUMAN REMAINS RELOCATION
BURIAL FORM**

Feature No. 10
 GPS:
 Burial No. D33
 Reservoir Phola Cemetery

Site No. Site D
 Farm: Zondagsvlei 9 IS
 Province Mpumalanga
 Country South Africa

1. **LOCATION**
 a. Square ~ _____
 b. Horizontal _____

 c. Depth from surface 1m36cm
 d. Depth from datum _____

8. **ASSOCIATIONS**
 a. Features: Farm Cemetery.

 b. Specimens: No specimens

2. **BURIAL TYPE**
 a. Extended X d. Reburial _____
 b. Flexed _____ c. Cremation _____
 c. Semiflexed _____ f. Part crem. _____
 g. Other _____

3. **BURIAL DIMENSIONS**
 a. Max. length 84 Dir. E-W
 b. Max. width 40 Dir. N-S
 c. Thickness ~ _____

4. **DEPOSITION**
 a. Position E-W
 b. Head to _____

9. **PRESERVATION**
 a. Poor X Fair _____ Good _____

5. **GRAVE TYPE**
 a. Surface _____ c. Cist _____
 b. Pit X d. Other _____
 e. Shape Rectangular

10. **COMPLETENESS**
0%

6. **GRAVE DIMENSIONS**
 a. Max. length 1m96 Dir. E-W
 b. Max. width 95cm Dir. N-S
 c. Depth 1m36

11. **SEX**
 a. M ___ F ___ Indeterminate X

7. **STRATIFICATION**
 a. Inclusive _____ c. Precedent _____
 b. Intrusive X d. Disturbed _____
 e. _____

12. **AGE**
 a. Infant X d. Adult _____
 b. Child _____ c. Mature _____
 c. Adolescent ___ f. Senile _____

23. **REMARKS:**

13. **NEG. Nos.**

15. **HEAD STONE:**

a. Yes: _____ No: X

16. **HEAD STONE AND GRAVE DIMENSIONS:**

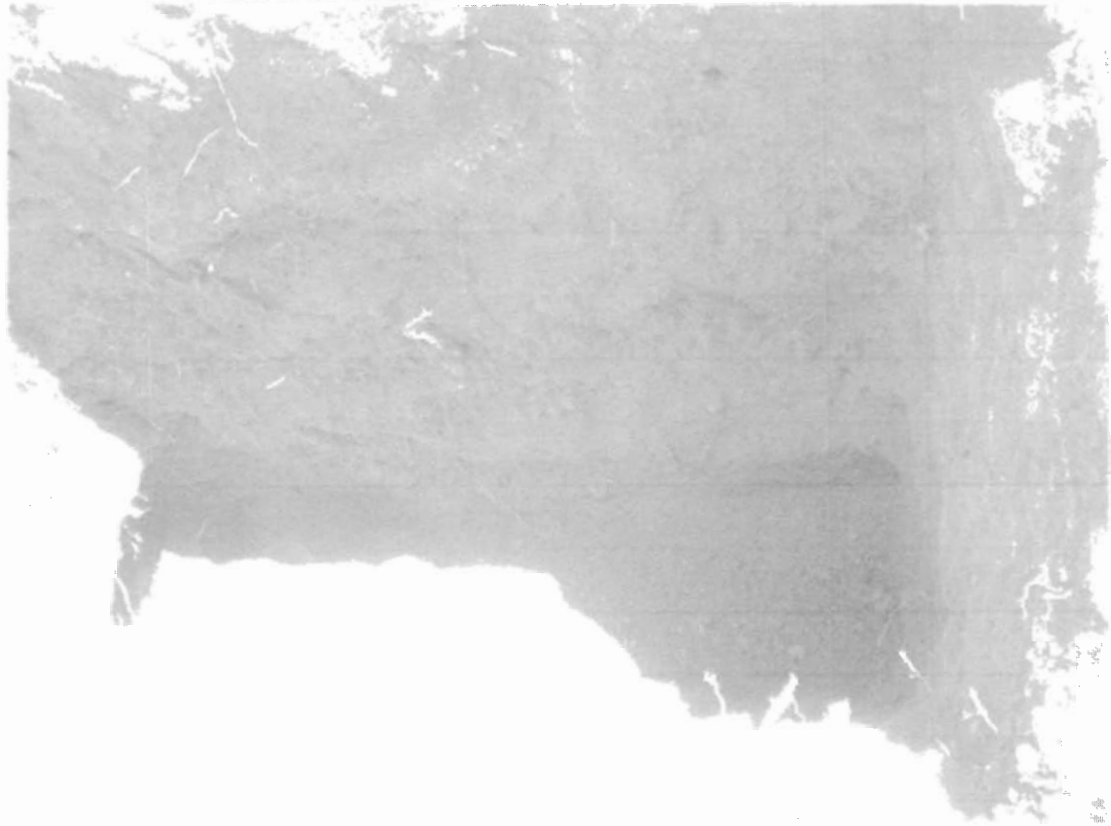
a. Max. length: HS _____ G
 b. Max. width: HS _____ G
 c. Thickness: HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. **HEAD STONE MATERIAL:**

a.

19. **PHOTOGRAPH OF BURIAL**



Recorded by: Frank Teichert Date: 30/10/2004

**HUMAN REMAINS RELOCATION
BURIAL FORM**

Feature No. 11
GPS:
Burial No. D23
Reservoir Phola Cemetery

Site No. Site D
Farm: Zondagsvlei 9 IS
Province Mpumalanga
Country South Africa

1. **LOCATION**
a. Square ~ _____
b. Horizontal _____

c. Depth from surface 1m49cm
d. Depth from datum _____

8. **ASSOCIATIONS**
a. Features: Farm
Cemetery.

2. **BURIAL TYPE**
a. Extended X d. Reburial _____
b. Flexed _____ c. Cremation _____
c. Semiflexed _____ f. Part crem. _____
g. Other _____

b. Specimens: Corrugated iron
sheeting & plastic covering

3. **BURIAL DIMENSIONS**
a. Max. length 54cm Dir. E-W
b. Max. width 48cm Dir. N-S
c. Thickness ~ _____

4. **DEPOSITION**
a. Position E-W
b. Head to _____

9. **PRESERVATION**
a. Poor X Fair ___ Good ___

5. **GRAVE TYPE**
a. Surface _____ c. Cist _____
b. Pit X d. Other _____
c. Shape Rectangular

10. **COMPLETENESS**
0%

6. **GRAVE DIMENSIONS**
a. Max. length 1m79 Dir. E-W
b. Max. width 95cm Dir. N-S
c. Depth 1m49

11. **SEX**
a. M ___ F ___ Indeterminate X

7. **STRATIFICATION**
a. Inclusive _____ c. Precedent _____
b. Intrusive X d. Disturbed _____
e. _____

12. **AGE**
a. Infant X d. Adult _____
b. Child _____ c. Mature _____
c. Adolescent ___ f. Senile _____

13. **NEG. Nos.**

24. **REMARKS:**

15. **HEAD STONE:**

a. Yes: _____ No: X

16. **HEAD STONE AND GRAVE DIMENSIONS:**

a. Max. length: HS _____ G
b. Max. width: HS _____ G
c. Thickness: HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. **HEAD STONE MATERIAL:**

a.

19. **PHOTOGRAPH OF BURIAL**



Recorded by Frank Teichert Date: 30/10/2004

**HUMAN REMAINS RELOCATION
BURIAL FORM**

Feature No. 12
GPS:
Burial No. D28
Reservoir Phola Cemetery

Site No. Site D
Farm: Zondagsvlei 9 IS
Province Mpumulanga
Country South Africa

1. **LOCATION**
a. Square ~ _____
b. Horizontal _____
c. Depth from surface 1m57cm
d. Depth from datum _____

8. **ASSOCIATIONS**
a. Features: Farm Cemetery.

2. **BURIAL TYPE**
a. Extended X d. Reburial _____
b. Flexed _____ c. Cremation _____
c. Semiflexed _____ f. Part crem. _____
g. Other _____

b. Specimens: Cloth, coffin wood and nails

3. **BURIAL DIMENSIONS**
a. Max. length ~ Dir. E-W
b. Max. width ~ Dir. N-S
c. Thickness ~ _____

4. **DEPOSITION**
a. Position E-W
b. Head to _____

9. **PRESERVATION**
a. Poor X Fair _____ Good _____

5. **GRAVE TYPE**
a. Surface _____ c. Cist _____
b. Pit X d. Other _____
c. Shape Rectangular

10. **COMPLETENESS**
2%

6. **GRAVE DIMENSIONS**
a. Max. length 1m96 Dir. E-W
b. Max. width 83cm Dir. N-S
c. Depth 1m57

11. **SEX**
a. M ___ F ___ Indeterminate X

7. **STRATIFICATION**
a. Inclusive _____ c. Precedent _____
b. Intrusive X d. Disturbed _____
e. _____

12. **AGE**
a. Infant _____ d. Adult _____
b. Child X c. Mature _____
c. Adolescent ___ f. Senile _____

13. **NEG. Nos.**

25. **REMARKS:** Most remains disintegrated due to damp soil. Some teeth, parts of skull and other bone fragments recovered only.

15. **HEAD STONE:**
a. Yes: _____ No: X

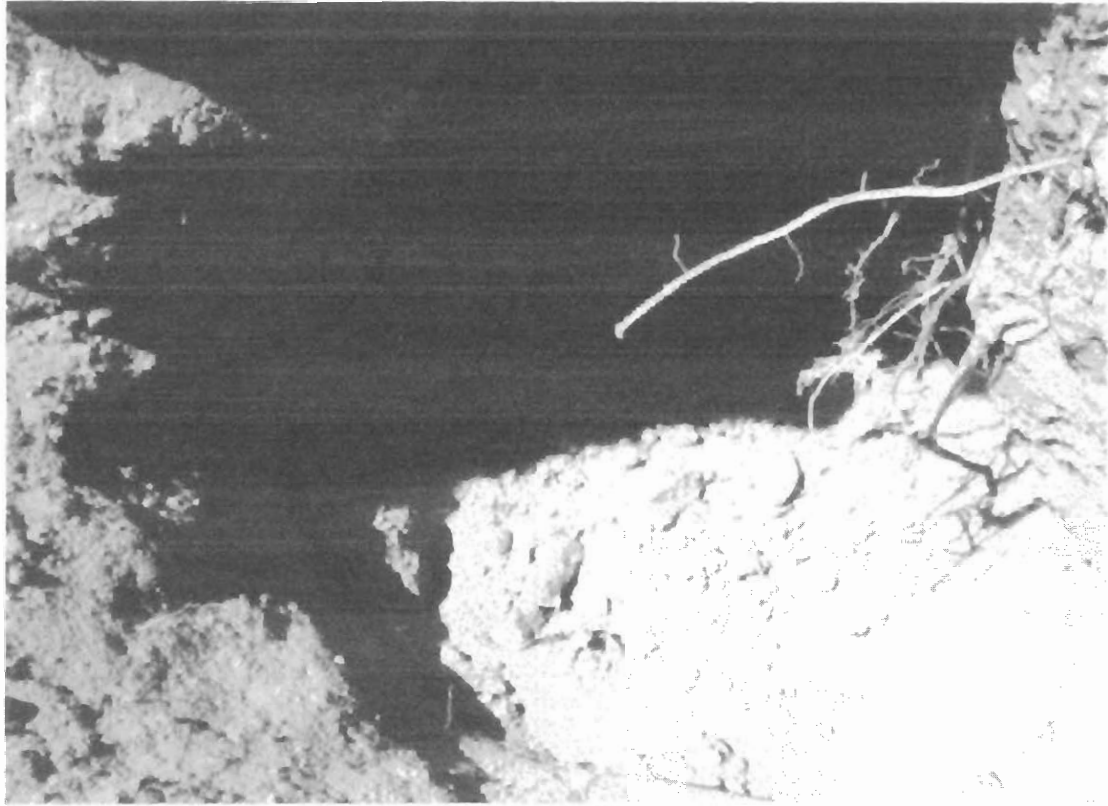
16. **HEAD STONE AND GRAVE DIMENSIONS:**
a. Max. length: HS _____ G
b. Max. width: HS _____ G
c. Thickness: HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. HEAD STONE MATERIAL:

a.

19. PHOTOGRAPH OF BURIAL



Recorded by Frank Teichert Date: 30/10/2004

**HUMAN REMAINS RELOCATION
BURIAL FORM**

Feature No. 13
GPS:
Burial No. C7S
Reservoir Phola Cemetery

Site No. Site C
Farm: Zondagsvlei 9 IS
Province Mpumulanga
Country South Africa

1. **LOCATION**
a. Square ~ _____
b. Horizontal _____

c. Depth from surface 1m23cm
d. Depth from datum _____

8. **ASSOCIATIONS**
a Features: Farm Cemetery.

2. **BURIAL TYPE**
a. Extended d. Reburial _____
b. Flexed _____ e. Cremation _____
c. Semiflexed _____ f. Part crem. _____
g. Other _____

b. Specimens: Coffin wood and nails and metal pieces of coffin

3. **BURIAL DIMENSIONS**
a. Max. length 1m63 Dir. E-W
b. Max. width 33cm Dir. N-S
c. Thickness 12cm

4. **DEPOSITION**
a. Position E-W
b. Head to _____

9. **PRESERVATION**
a. Poor _____ Fair Good

5. **GRAVE TYPE**
a. Surface _____ c. Cist _____
b. Pit d. Other _____
c. Shape Rectangular

10. **COMPLETENESS**
90%

6. **GRAVE DIMENSIONS**
a. Max. length 1m95 Dir. E-W
b. Max. width 1m09cm Dir. N-S
c. Depth 1m35

11. **SEX**
a. M _____ F Indeterminate

7. **STRATIFICATION**
a. Inclusive _____ c. Precedent
b. Intrusive d. Disturbed
e.

12. **AGE**
a. Infant _____ d. Adult
b. Child _____ e. Mature
c. Adolescent _____ f. Senile

13. **NEG. Nos.**

26. **REMARKS:** Body seems to be wrapped in a type of gauze. Coffin of compressed wood

15. **HEAD STONE:**

a. Yes: _____ No:

16. **HEAD STONE AND GRAVE DIMENSIONS:**

a. Max. length: HS _____ G
b. Max. width: HS _____ G
c. Thickness: HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. **HEAD STONE MATERIAL:**

a.

19. **PHOTOGRAPH OF BURIAL**



Recorded by: Frank Teichert Date: 31/10/2004

**HUMAN REMAINS RELOCATION
BURIAL FORM**

Feature No. 14
 GPS:
 Burial No. C15
 Reservoir Phola Cemetery

Site No. Site C
 Farm: Zondagsvlei 9 IS
 Province Mpumulanga
 Country South Africa

1. **LOCATION**
 a. Square ~ _____
 b. Horizontal _____

 c. Depth from surface 1m38cm
 d. Depth from datum _____

8. **ASSOCIATIONS**
 a. Features: Farm Cemetery.

2. **BURIAL TYPE**
 a. Extended X d. Reburial _____
 b. Flexed _____ c. Cremation _____
 c. Semiflexed _____ f. Part crem. _____
 g. Other _____

b. Specimens: Coffin wood, nails and lining

3. **BURIAL DIMENSIONS**
 a. Max. length 77cm Dir. E-W
 b. Max. width 14cm Dir. N-S
 c. Thickness 08cm

4. **DEPOSITION**
 a. Position E-W
 b. Head to _____

9. **PRESERVATION**
 a. Poor ___ Fair ___ Good X

5. **GRAVE TYPE**
 a. Surface _____ c. Cist _____
 b. Pit X d. Other _____
 e. Shape Rectangular

10. **COMPLETENESS**
90%

6. **GRAVE DIMENSIONS**
 a. Max. length 1m93 Dir. E-W
 b. Max. width 65cm Dir. N-S
 c. Depth 1m30

11. **SEX**
 a. M ___ F ___ Indeterminate X

7. **STRATIFICATION**
 a. Inclusive _____ c. Precedent _____
 b. Intrusive X d. Disturbed _____
 e. _____

12. **AGE**
 a. Infant _____ d. Adult _____
 b. Child X c. Mature _____
 c. Adolescent ___ f. Senile _____

13. **NEG. Nos.**

27. **REMARKS:** Parts of bone possibly burnt.

15. **HEAD STONE:**
 a. Yes: _____ No: X

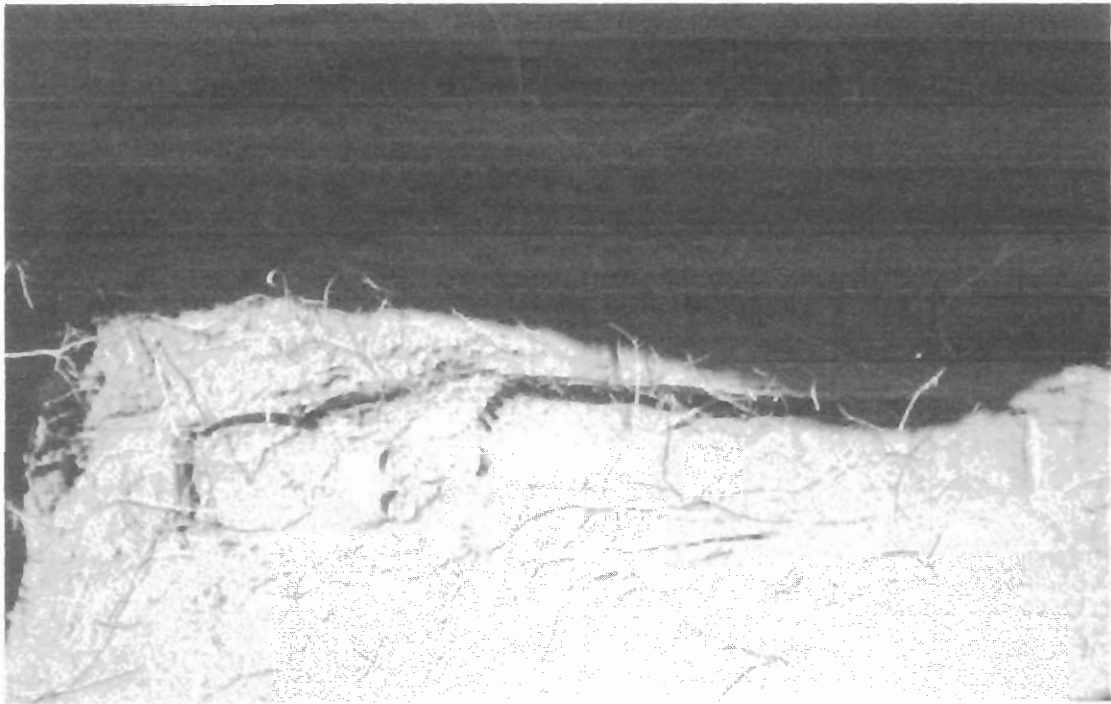
16. **HEAD STONE AND GRAVE DIMENSIONS:**
 a. Max. length:HS _____ G
 b. Max. width:HS _____ G
 c. Thickness:HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. HEAD STONE MATERIAL:

a.

19. PHOTOGRAPH OF BURIAL



Recorded by: Frank Teichert Date: 31/10/2004

**HUMAN REMAINS RELOCATION
BURIAL FORM**

Feature No. 15
GPS:
Burial No. C4S
Reservoir Phola Cemetery

Site No. Site C
Farm: Zondagsvlei 9 IS
Province Mpumalanga
Country South Africa

1. **LOCATION**
a. Square ~ _____
b. Horizontal _____

c. Depth from surface 1m13cm
d. Depth from datum _____

8. **ASSOCIATIONS**
a Features: Farm
Cemetery.

2. **BURIAL TYPE**
a. Extended X d. Reburial _____
b. Flexed _____ e. Cremation _____
c. Semiflexed _____ f. Part crem. _____
g. Other _____

b. Specimens: Coffin wood, cloth,
bead necklace, plastic nappy,
buttons

3. **BURIAL DIMENSIONS**
a. Max. length 83cm Dir. E-W
b. Max. width 42cm Dir. N-S
c. Thickness ~ _____

4. **DEPOSITION**
a. Position E-W
b. Head to _____

9. **PRESERVATION**
a. Poor X Fair _____ Good _____

5. **GRAVE TYPE**
a. Surface _____ c. Cist _____
b. Pit X d. Other _____
e. Shape Rectangular

10. **COMPLETENESS**
50%

6. **GRAVE DIMENSIONS**
a. Max. length 1m61 Dir. W-E
b. Max. width 42cm Dir. N-S
c. Depth 1m23

11. **SEX**
a. M ___ F ___ Indeterminate X

7. **STRATIFICATION**
a. Inclusive _____ c. Precedent _____
b. Intrusive X d. Disturbed _____
e. _____

12. **AGE**
a. Infant X d. Adult _____
b. Child _____ e. Mature _____
c. Adolescent _____ f. Senile _____

13. **NEG. Nos.**

28. **REMARKS:**

15. **HEAD STONE:**

a. Yes: _____ No: X

16. **HEAD STONE AND GRAVE DIMENSIONS:**

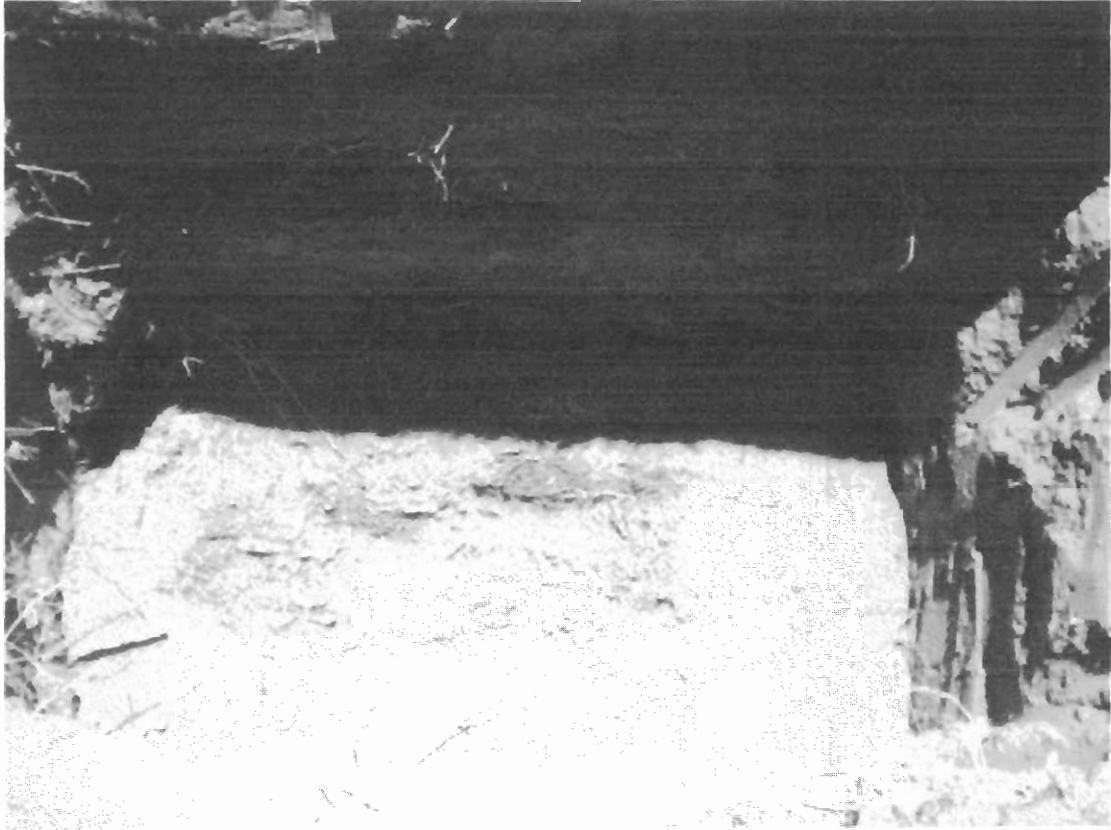
a. Max. length: HS _____ G
b. Max. width: HS _____ G
c. Thickness: HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. HEAD STONE MATERIAL:

a.

19. PHOTOGRAPH OF BURIAL



Recorded by: Frank Teichert Date: 31/10/2004

**HUMAN REMAINS RELOCATION
BURIAL FORM**

Feature No. 16
GPS:
Burial No. C55
Reservoir Phola Cemetery

Site No. Site C
Farm: Zondagsvlei 9 IS
Province Mpumalanga
Country South Africa

1. **LOCATION**
a. Square ~ _____
b. Horizontal _____

c. Depth from surface 1m33cm
d. Depth from datum _____

8. **ASSOCIATIONS**
a. Features: Farm
Cemetery.

2. **BURIAL TYPE**
a. Extended X d. Reburial _____
b. Flexed _____ e. Cremation _____
c. Semiflexed _____ f. Part crem. _____
g. Other _____

b. Specimens: Coffin wood, plastic
sheeting and clothing (jersey)

3. **BURIAL DIMENSIONS**
a. Max. length 97cm Dir. E-W
b. Max. width 38cm Dir. N-S
c. Thickness ~ _____

4. **DEPOSITION**
a. Position E-W
b. Head to _____

9. **PRESERVATION**
a. Poor _____ Fair X Good _____

5. **GRAVE TYPE**
a. Surface _____ c. Cist _____
b. Pit X d. Other _____
e. Shape Rectangular

10. **COMPLETENESS**
80%

6. **GRAVE DIMENSIONS**
a. Max. length 1m75 Dir. E-W
b. Max. width 1m20 Dir. N-S
c. Depth 1m33

11. **SEX**
a. M X F _____ Indeterminate _____

7. **STRATIFICATION**
a. Inclusive _____ c. Precedent _____
b. Intrusive X d. Disturbed _____
e. _____

12. **AGE**
a. Infant X d. Adult _____
b. Child _____ e. Mature _____
c. Adolescent _____ f. Senile _____

13. **NEG. Nos.**

29. **REMARKS:**

15. **HEAD STONE:**

a. Yes: _____ No: X

16. **HEAD STONE AND GRAVE DIMENSIONS:**

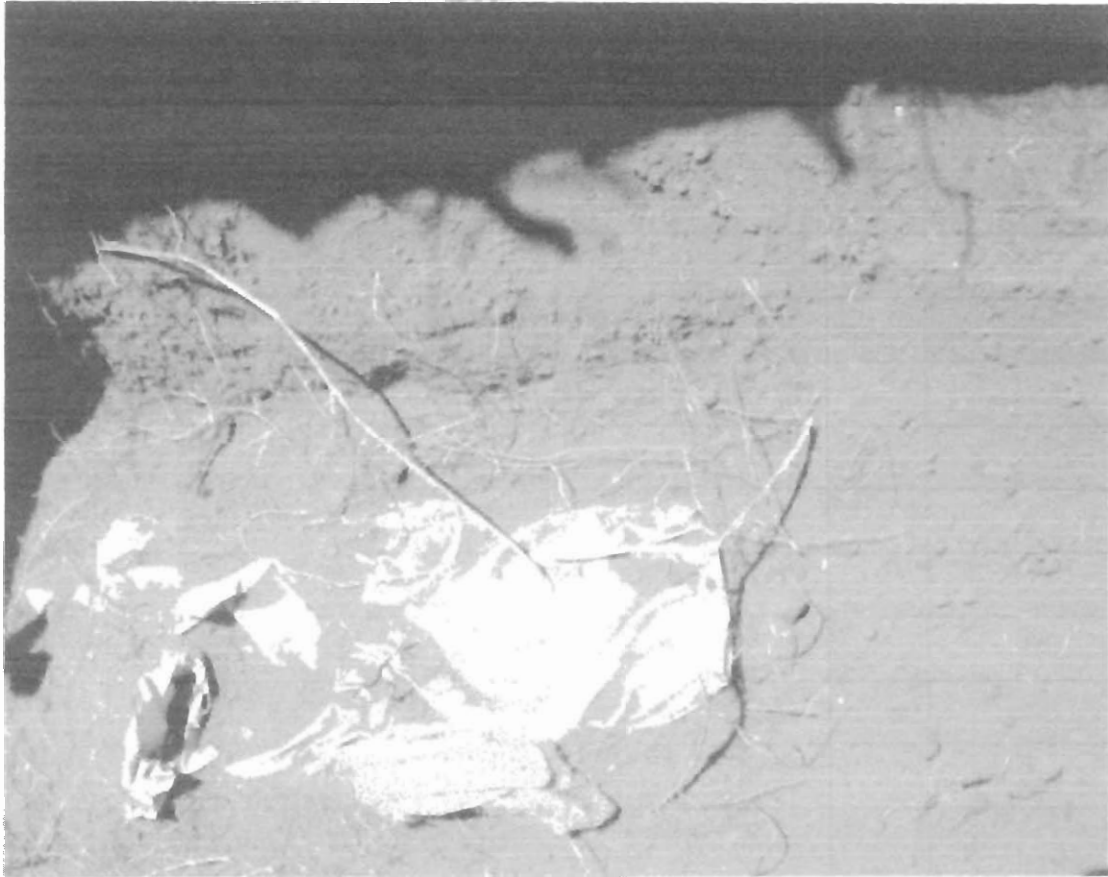
a. Max. length: HS _____ G
b. Max. width: HS _____ G
c. Thickness: HS _____ G

17. **HEAD STONE INSCRIPTION:**

18. **HEAD STONE MATERIAL:**

a.

19. **PHOTOGRAPH OF BURIAL**



Recorded by: Frank Teichert

Date: 31/10/2004