

# ANCIENT MONUMENTS LABORATORY REPORT

**SERIES/No**

CONSERVATION

**AUTHOR**

M G Edwards

4/12/75

**TITLE**

CARLISLE

Leather

ANCIENT MONUMENTS LABORATORY

MATERIAL

LEATHER

SITE:.....CARLISLE..... (DATE:

SHEET: .....

AM No	X-Ray No	Photo No	Description and Report	Ref No
728703			Mainly delaminated scraps.  1) Piece c.33mm X c.13mm. Folded grain side outwards. Stitch holes right through on two sides, stitch length c.2.5mm. Diamond shaped thong? hole.  M.G.Edwards 4.12.75	72/6

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AM No	X-Ray No	Photo No	Description and Report	Ref No
728704			<p>1) Turnshoe sole, right foot, c.195mm X 65mm. Hole at rear of tread, worn at outside of seat. Edge/flesh stitch, stitch length 6mm.very worn. Delaminated.</p> <p>2) Part of upper? Torn edges. C.65mm X c.75mm. Flesh/grain stitch along one edge, stitch length c.6mm. Delaminated.</p> <p>3) Piece 70mm X 70mm. Torn edges, one cut. Along this edge/flesh stitch, stitch length c.2mm. Flesh side worn away.</p> <p align="right">M.G.Edwards 4.12.75</p>	72/7

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AM No	X-Ray No	Photo No	Description and Report	Ref No
728705			<p>1) Five pieces of udder.</p> <p>2) Piece of upper 130 X 72mm. Two edges cut, one with curving cut. One with edge/flesh stitch, stitch length 2.5mm. Other edges torn.</p> <p>3) Three pieces with flesh/grain stitch.            Piece 20mm X 25mm. Flesh/grain stitch on one edge, stitch length 6mm.            Strip 27mm. Flesh/grain stitch length 6mm. Possibly same piece as above.            Strip 40mm. Flesh/grain stitch length c.6mm.</p> <p align="right">M.G. Edwards 4.12.75</p>	72/8


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AM No	X-Ray No	Photo No	Description and Report	Ref No
728709			<p>1) Clump sole?- tread and forepart, 160mm X 110mm. Stitch holes around edge, mainly flesh/grain, stitch length varies. Straight cut and stitch holes before waist. Delaminated. Ripped across forepart. Worn on outside.</p> <p>2) Part turnshoe sole in two pieces, 170mm X 55mm. Edge/flesh stitch length 5mm. Straight tear across at seat where two parts join. Circular<del>x</del> tear across tread. Forepart missing. Also edge cut off along tread. Possibly right foot.</p> <p>3) Piece of upper? 80mm X 60mm. Squareish shape, three edges torn. One cut edge and two thong holes on it and possibly a third.</p> <p>4) Piece 70mm X 65mm. Two possible thong holes and one larger one in between and to one side. All edges appear torn.</p> <p>5) Triangular piece 30mm X 40mm. One edge torn others cut. On one- three rough circular thong holes<sup>1</sup>/<sub>2</sub></p> <p>6) <del>T</del>riangular piece 30mm X 40mm. Flesh/grain stitch on one side, stitch length 5mm. Edge/flesh stitch on other two sides, stitch length 3mm. Part of upper?</p> <p>7) Strip c.60mm. Flesh/grain stitch along it, stitch length 5mm.</p> <p>8) Strip 60mm. Flesh/grain stitch length 4.5mm.</p> <p>9) Strip 32mm. Possible edge/flesh stitch length 3.5mm.</p> <p>10) Strip 140mm X 13mm. Tapering towards one end. Cut in two at broad end for c.40mm. May just be offcut.</p> <p>11) Piece 170mm X 60mm. One edge cut curving slightly inwards, other edge follows this then in middle curves up to form semi-circle. Two narrow edges torn. Two  shaped cuts in it. Sandal strap?</p> <p>12) Offcut? with S-shaped cut in it. 175 X 80mm M.G. Edwards 4.12.75</p>	72/23 (Bag B)

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AM No	X-Ray No	Photo No	Description and Report	Ref No
728709			<ol style="list-style-type: none"> <li>1) Piece of udder.</li> <li>2) Turnshoe sole(in two pieces, torn across tread),c.240mm X 95mm. Left foot. Edge/flesh stitch length 6mm. Worn at inside joint and inside back of seat. Delaminated.</li> <li>3) Part turnshoe sole 80mm X 32mm. Comprising seat, waist and beginning of tread. Edge/flesh stitch length 5mm. Worn at seat and waist, torn off at tread.</li> <li>4) Part turnshoesole 140mm X 60mm. Delaminated - could be insole or only flesh side of sole. Stitch holes, stitch length c.6mm-could be edge/flesh with only flesh side remaining or flesh/grain. Seat waist and tread. Left foot. Fits 2) so could be insole from that.</li> <li>5) Piece of upper. Rough triangular shape, 110 X 97mm. All edges cut. Edge/flesh stitch along one edge, stitch length 3mm. Curving cut-out opposite this on other edge.</li> <li>6) Triangular piece, possibly heel stiffener, c.135mm X 70mm. Flesh/grain stitch along bottom edge, stitch length 5.5mm. Scalloped effect on other two edges from stitches, stitch length c.12mm. Delaminated.</li> <li>7) Piece 95mm X 50mm. Flesh/grain stitch along one side, stitch length 5mm. Smaller flesh/grain holes on other, curved side, stitch length varies. Heel stiffener?</li> <li>8) Piece 55mm X 49mm. Scalloped effect on one edge, stitch holes not clear. Worn and delaminated, other edges torn.</li> <li>9) Clump sole? Traces of tunnel stitching. Worn away in places and circular tear at one end.</li> <li>10) Various pieces with stitches and cuts. T-shaped cut piece. No stitch holes but could be strap from sandal. Strip 113mm. Stitch holes along it, stitch length 5mm. Possibly rand.</li> </ol>	72/23 (Bag C)

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AM No	X-Ray No	Photo No	Description and Report	Ref No
728709			<p>10) cont'd</p> <p>Strips 36mm and 70mm. Flesh/grain <del>xxxx</del> stitch length c.4mm. Possibly belong together.</p> <p>Piece 90mm X 45mm. Very worn and delaminated. Stitch holes, stitch length c.5mm.</p> <p>Piece c.75mm X 32mm. Narrows towards one end. On straight edge opposite narrow end edge/flesh stitch length c.3mm. Opposite edge is torn.</p> <p>Piece 80mm X 60mm. Flesh/grain stitch along one edge, stitch length 4.5mm. Edge/flesh stitch along edge at right angles to it, stitch length 3mm.</p> <p align="right">M.G. Edwards 4.12.75</p>	72/23 (Bag C)

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AM No	X-Ray No	Photo No	Description and Report	Ref No
728709			<p>1) Two pieces of udder and fragments.</p> <p>2) Part turnshoe sole, left foot, waist to forepart. Cracking across tread. 150mm X 75mm. Edge/flesh stitch length 5mm. Cracked at waist.</p> <p>3) Part turnshoe sole, 180mm X 80mm. Waist to forepart. Diagonal cut at waist. Worn away at outside of forepart. Edge/flesh stitch length c.6mm. Left foot.</p> <p>4) Part upper- quarters, c.170mm X 65mm. Bottom edge where would expect flesh/grain stitch is worn away. Edge/flesh stitch along one edge, stitch length 3mm. Two thong holes at ankle area on each side. Other edge is torn- could be one piece upper. Stitch marks along top edge for binding? Stitch marks inside for heel stiffener.</p> <p>5) Fragment of upper? 50 X 45mm. Flesh/grain stitch along one side, stitch length 6mm. Other edges, torn.</p> <p align="right">M.G. Edwards 4.12.75</p>	72/23 (Bag D)



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728717			<p>1) Part turnshoe sole c.70mm X 170mm. Forepart, tread and waist. Left foot. Worn away at inside of tread and waist. Delaminated. Edge/flesh stitch around edge, stitch length c.6mm. Only clear in one area as rest is very worn. At waist circular portion c.6mm is loose. Almost appears to be punched out.</p> <p>2) Upper- main part is one piece, c.190mm along, c.90mm across, c.100mm high. Left foot, seam on the inside. Main piece consists of quarters and vamp. Flesh/grain stitch around bottom edge, stitch length c.6mm. Worn away at back outside and front inside. Marks where heel stiffener was attached inside- semi-circle. At the seam for joining the two ends edge/flesh stitch along both ends stitch length 3mm. An additional piece was attached on the inside 60mm X 32mm. Edge/flesh stitch on this and on the vamp wing where it attaches and on the front of the quarter where it attached stitch length c.3mm. Two thong holes on outside of vamp throat, one on the inside with the other in the additional piece. The thong is still present in the last two and holds the additional piece on. Tongue, triangular shaped and curved at vamp throat c.132mm X 97mm. Edge/flesh stitch along triangular cut in vamp throat and on the two straighter sides of the tongue, stitch length c.3mm. Two thong holes on the side at the outside of the shoe which correspond to those in the vamp throat.</p> <p>3) Strip c.160mm. Fairly thin. Stitch holes along it, stitch length c.5mm. One edge straight cut while other is scalloped from stitches. Binding?</p> <p>4) Strip c.80mm. One edge cut, other torn. Traces of edge/flesh stitch, but stitch length not clear.</p>	72 II/5 (Bag B) Shoe

M.G. Edwards  
4.12.75

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728777			<p>Not a boot. Many cutting scraps and some pieces with stitching details.</p> <ol style="list-style-type: none"> <li>1) Piece of udder.</li> <li>2) Strip 110mm. Folded over grain side outwards. Stitch holes right through, stitch length c.5mm.</li> <li>3) Triangular piece c.60 X c.35mm. Worn flesh/grain stitch on part of one side? one edge torn, other cut.</li> <li>4) Piece with right angle at one corner with cut edges, other edges torn. c.135mm X 140mm. Worn and delaminated. Flesh/grain stitch along one side, stitch length c.7mm, but varies, shorter towards corner and longer towards torn edge. Possibly edge/flesh stitch on other side (flesh/grain for first few), stitch length c.4mm.</li> </ol> <p align="right">M.G. Edwards 4.12.75</p>	72 11/5 (30g F)

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AM No	X-Ray No	Photo No	Description and Report	Ref No
728717			<p>1) Two parts turnshoe sole, waist and seat. 62mm X 32mm, 31mm X 18mm. Edge/flesh stitch, stitch length 6mm. Worn and delaminated.</p> <p>2) One piece upper, side stitched and laced. c.175mm long, c.90mm across, c.80mm high. Left foot. Flesh/grain stitch around bottom edge, stitch length 5mm Worn away on outside. Short seam c.20mm where two edges were joined with edge/flesh stitch, stitch length 3.5mm on each side. Continuing up front side four thong holes and ten on the other side. Right angled seam at vamp throat for attachment of another piece, edge/flesh stitch length 4.5mm on one side, not clear on other. Back is trodden down. Worn and delaminated. Holes along side with ten thong holes for facing, stitch length 6mm.</p> <p>3) Heel stiffener c.80mm X c.28mm. Trodden down like back of 2) and probably belonged to it although the inside of 2) is too worn to see stitch marks. Flesh/grain stitch along bottom edge stitch length 5.5mm. Other edges forming a vague semi-circle are scalloped from stitches.</p> <p>4) Strip c.150mm. Flesh/grain holes down middle, stitch length 6mm. One edge cut, other scalloped from stitches. Facing?</p>	72 II/5 (Bag H) Slipper

M.G. Edwards

4/12/5

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728717			<p>1) Part of one piece upper with one part missing, cut off. c.340mm X 95mm. Possibly boot rather than shoe.  Flesh/grain stitch around bottom edge, in two places torn off. Stitch length 6mm.  Consists of quarters and one vamp wing and part of vamp. Cut edge across middle of vamp.  Edge/flesh stitch along right angled sides of top of vamp wing and end of quarter, stitch length c.3mm. Possibly some stitches remain. Continues along one side of what is left of the vamp throat.  Inside are traces where the heel stiffener was attached.</p> <p>2) Triangular heel stiffener c.70mm X 80mm. Flesh/grain stitch around bottom edge, stitch length c.6mm. Possibly some stitches. Scalloped effect on one edge where stitches were and diagonal marks on the other edge where stitches were.</p> <p>3) Strip 70mm. One edge torn, On other edge/ flesh stitch, stitch length c.3mm. <del>XXXX</del></p> <p>4) Strip 110mm. One edge torn, on other edge flesh/grain stitch length c.6mm. Possibly from 1).</p> <p>5) Strip 115mm. Somewhat triangular section, stitch holes through it, stitch length c.6mm. Rand?</p> <p>Other piece in bag has no stitching. Possibly offcut.</p> <p align="right">M.G. Edwards 4.12.75</p>	72 11/5 (Bag 1) Shoe

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728717			<p>1) Strip 100mm X 6mm. Brass or bronze studs along whole length. Heads of three remaining each consisting of three circular sections.</p> <p>2) Part turnshoe sole, seat missing-diagonal cut at end of waist, 220mm X 80mm. Edge/flesh stitch length 5mm. Cracking at waist. Holes in tread and forepart, possibly bacterial damage. Stitch marks on grain side, central line through tread and a line at right angles to this near waist- for clump sole? Right foot?</p> <p>3) Part turnshoe sole, right foot. Diagonal tear at seat, 242mm X 85mm. Hole worn in tread. Edge/flesh stitch length 6mm, but uneven. In places two stitch holes and on outside stitch holes also one grain side- mistakes or repair?</p> <p>4) Almost complete turnshoe sole, right foot, c.145mm X 58mm. Edge/flesh stitch length c.6mm. Edge missing at back of seat-cut off? Circular cut out of forepart. Worn on grain side at seat and forepart.</p> <p>5) Part turnshoe sole, forepart missing, possibly right foot, 165mm X 75mm. Edge/flesh stitch length c.7mm. Split at outside of seat. Stitch holes? on grain side at waist- for clump sole?</p> <p>6) Part turnshoe sole, forepart and part of outside of seat missing, right foot? c.165mm X 82mm. Edge/flesh stitch length 7.5mm. Stitch marks on grain side, in some cases coming through to flesh side, across tread and across waist- for clump sole? Very worn at outside of seat.</p> <p>7) Part turnshoe sole, forepart missing, right foot? 160mm X 80mm. Edge/flesh stitch length c.4mm. Diagonal tear across at tread.</p> <p>8) Part turnshoe sole, seat to beginning of tread 160mm X 85mm. Edge/flesh stitch length 5mm. Cracked at waist. Back of seat missing. Worn.</p> <p>9) Part turnshoe sole, most of seat to tread, 155mm X 70mm. Edge/flesh stitch length 5mm. Back of seat missing. Ragged tear across tread.</p>	72 II/5 (Bag K)

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AM No	X-Ray No	Photo No	Description and Report	Ref No
728717			<p>10) Seat and waist of turnshoe sole, 125mm X 72mm. Edge/flesh stitch length c.5mm. Torn at seat. Cut across at waist.</p> <p>11) Part turnshoe sole, seat to beginning of tread, 110mm X 55mm. Edge/flesh stitch length c.5mm. Ripped at back of seat. Torn across at tread.</p> <p>12) Forepart of turnshoe sole, right foot, 90mm X 80mm. Edge/flesh stitch length 7mm. Worn away in middle and inside edge.</p> <p>13) Part turnshoe sole, waist, tread and separate edge of seat, c.180mm X c.70mm. Edge/flesh stitch length c.7mm. Cut along waist with stitch marks? Possibly belongs with 12).</p> <p>14) Forepart of turnshoe sole, 80mm X 70mm. Edge/flesh stitch length c.7mm.</p> <p>15) Part turnshoe sole, 65mm X 70mm. Edge/flesh stitch along one edge, stitch length 5mm. Other edges torn.</p> <p>16) Strip 140mm X 18mm X c.3mm thick. Stitch marks or cuts into two rows along its length, length of the marks c.2.5mm.</p> <p>17) Strip c.270mm X c.24mm, X c.4mm thick. Stitch marks in two rows near edge along its length, flesh/grain, stitch length c.8mm. Falls into curving shape.</p> <p>18) Clump sole, 65mm X 80mm. Tunnel stitching visible. Delaminated.</p> <p>19) Strip c.135mm X 22mm. Tapering towards one end. One edge scalloped, stitch length c.5.5mm. Other edge cut?</p> <p>20) Part of upper? 190mm X 222mm, vamp and one vamp wing. Flesh/grain stitch around part of bottom edge, stitch length 5mm. Rest of stitching is on a strip which has been cut off, c.230mm. Consists mainly of stitch holes. Cut edge at start of one vamp wing with edge/flesh stitch length c.2.5mm. Edge/flesh stitch along cut edge at vamp throat, stitch length c.3mm. Other edge torn. Possibly one-piece upper. Left foot?</p>	72 II/5 (Bag K)

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AM No	X-Ray No	Photo No	Description and Report	Ref No
728717			<p>21) Part of upper, mainly one piece vamp and part of quarters. Seam inside. Left foot. c.210mm long, c.100mm across. Flesh/grain stitch along part of bottom edge, stitch length 6mm. Other parts torn. Edge/flesh stitch along two edges which form inside seam, stitch length 4mm. Circular cut out in front part. One thong hole at vamp throat. Wavy cut at vamp throat which is stitched. Second piece 70mm X 120mm which probably joins at the vamp throat. Two slits for thong. Edge/flesh stitch on two sides, stitch length c.4mm. Stitch holes across vamp throat stitch length c.4mm.</p> <p>22) Piece 220mm X 135mm. Scalloped effect on two edges on either side of rounded corner, stitch length c.5mm. Possibly part of garment rather than shoe. Thin and flexible.</p> <p>23) Part of upper, 80mm X 180mm. Four sets of paired slits for thongs, two with thongs in. Edge/flesh? stitch one on one side, stitch length 2.5mm. Flesh/grain stitch on other side, stitch length 2.5mm. Could belong with 21) but cannot fit it on.</p> <p>24) Parts of lasting margin from upper? All possibly from the same piece, flesh/grain stitch length c.5mm. Toe area c.75mm. Strip c.155mm. Strip c.150mm Coiled strip c.60mm X 50mm.</p> <p>25) Two parts of upper with similar appearance. Piece 60mm X 110mm. Flesh/grain stitch along curve cut-out side, stitch length c.3mm. Straight edge cut above this with one thong hole. Piece 52 X 37mm. Flesh/grain stitch along one side, deteriorated. Cut edge across top, one thong hole.</p> <p>26) Parts of upper with similar appearance, but do not fit together. Triangular piece 100mm X 90mm. Flesh/grain stitch length on one edge, stitch length c.8mm. Edge/flesh stitch on two other edges stitch length c.3mm Cut or tear down centre. Piece c.80mm X 74mm. Flesh/grain stitch on one edge, stitch length 4mm. Edge/flesh stitch on other edge, stitch length c.4mm. Other edges torn.</p>	72 II/5 (Bag K)

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AM No	X-Ray No	Photo No	Description and Report	Ref No
728717			<p>26) cont'd</p> <p>Piece 75mm X 40mm. Flesh/grain stitch on one side, stitch length c.6mm. Edge/flesh stitch on two sides stitch length c.4mm. Other edge torn.</p> <p>Piece 90mm X 70mm. Flesh/grain stitch on one edge stitch length 6mm. Other edges torn.</p> <p>Piece 70mm X 52mm. Edge/flesh stitch along one edge, stitch length 10mm. Other edges torn.</p> <p>Piece 75mm X 30mm. Flesh/grain stitch on curved edge, stitch length 10mm. Other edge scalloped from stitches.</p> <p>Strip 25mm. Flesh/grain stitch length 6mm.</p> <p>27) Triangular piece 30mm X 40mm. Flesh/grain stitch along one edge, stitchlength 4mm.</p> <p>28) Strip 130mm. Flesh/grain stitch holes, stitch length 5mm. In places a double row,</p> <p>29) Strips with edge/flesh stitch, stitch length c.6mm. One 80mm long, one 90mm long, one 110mm long, one 135mm long.</p> <p align="right">M.G. Edwards 4.12.75</p>	72 II/5 (Bag K)



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72 8717?			<p>1) Part of garment? 435mm X 200mm. Rough oblong shape. All edges cut. Flesh/grain stitch around edge, uneven. Some places in groups as though originally holding something on. Also row of stitch holes towards one side in the middle of the piece. Part of one long edge is scalloped with stitches. A strip continues on one short side. Stitches in wavy lines in places.</p> <p>2) Turnshoe sole, left foot, inside of seat missing, 235mm X 70mm. Long point c.30mm. Crack along forepart to tread. Hole in forepart. Edge/flesh stitch length 7mm.</p> <p>3) Strips with stitch holes-  Rand?- toe area, 60mm on one side and 120mm on other. Stitch length 5mm.  Rand?- toe area? 130mm on one side and 140mm on other. Stitch length 5mm.  Strip 40mm, possibly part of upper. Flesh/grain stitch length 5mm.</p> <p>4) Piece of udder.</p> <p align="right">M.G. Edwards 4.12.75</p>	72 II/5 (Bag L?)