Figures

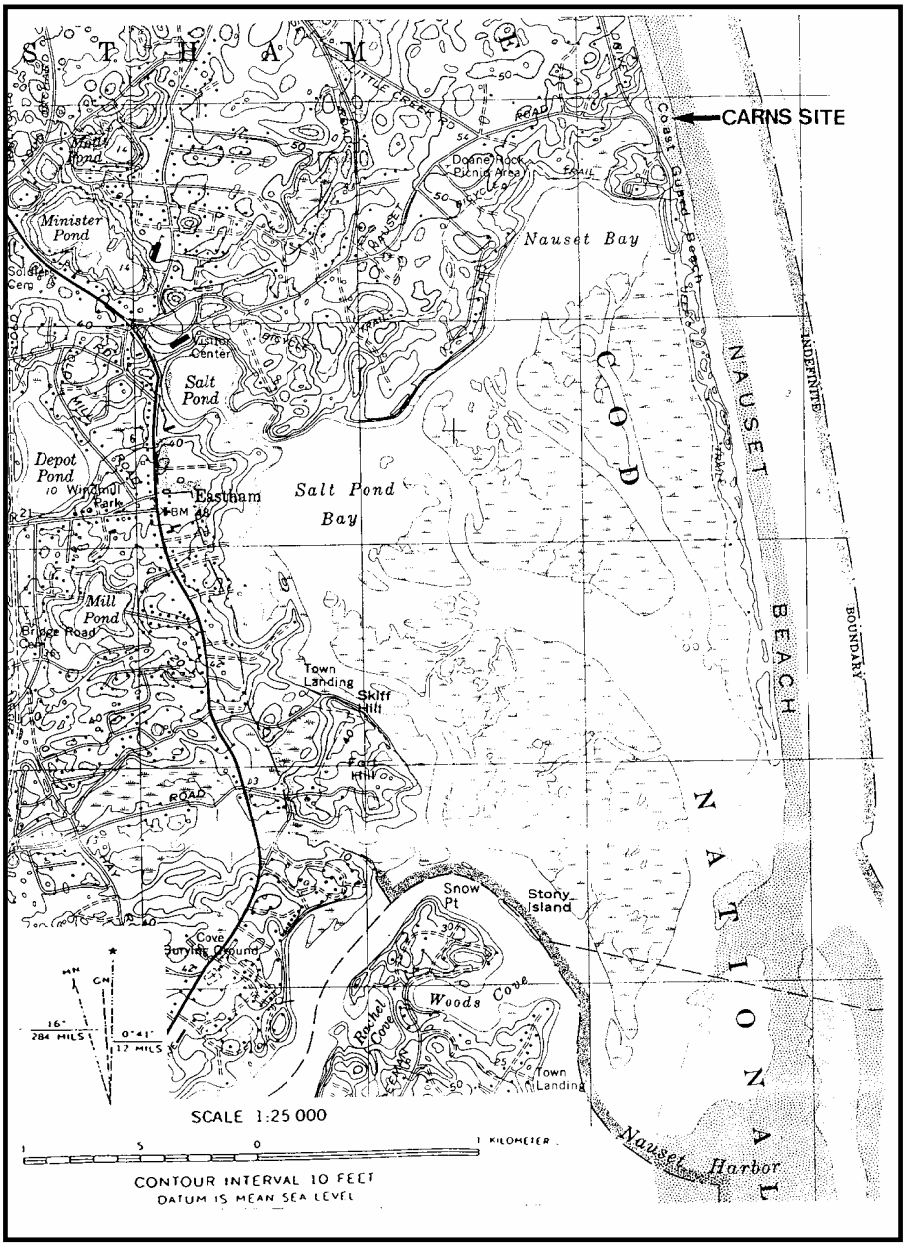


Figure 1 The Carns site location, in relation to USGS topographical survey map, Orleans quadrangle (USGS, 1974).

Figure 2 The Carns site as it appeared on November 20, 1990, looking Northwest from the beach.

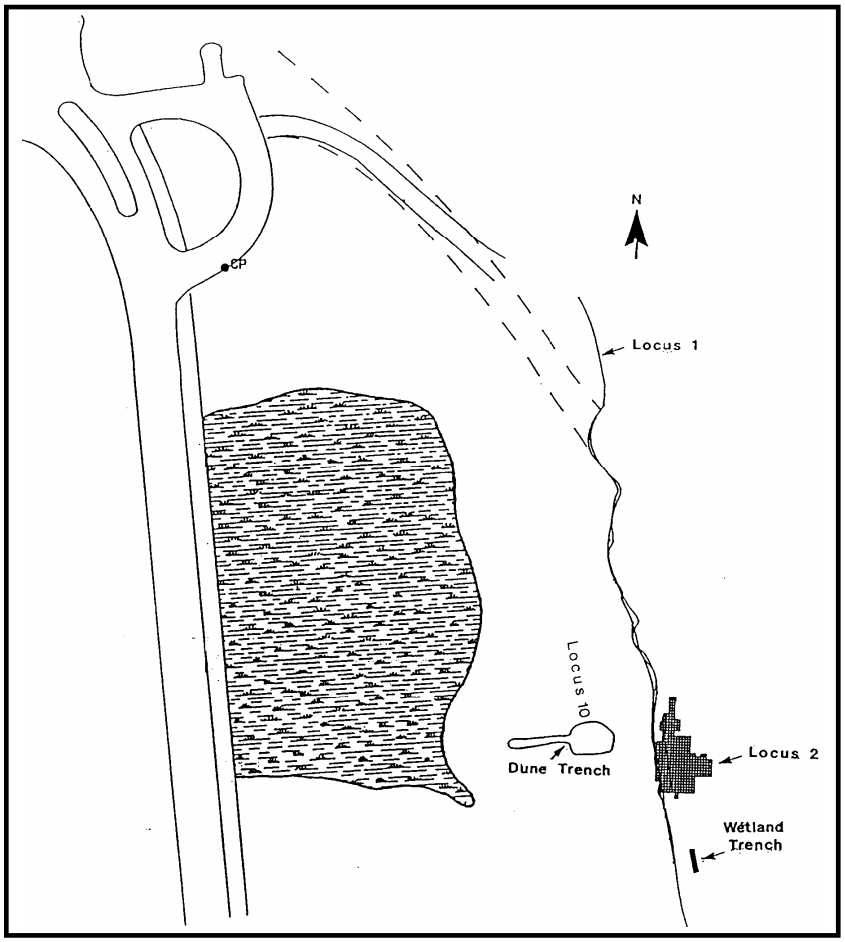


Figure 3 Carns site excavation loci (Stillson, 1994, chap. 4:Figure 1).

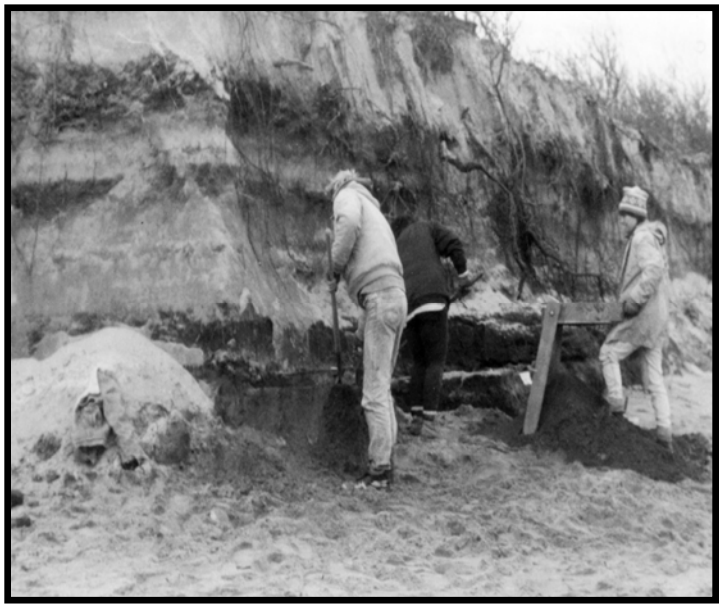


Figure 4 Excavations beneath the marine scarp, Locus 1, December 1990.

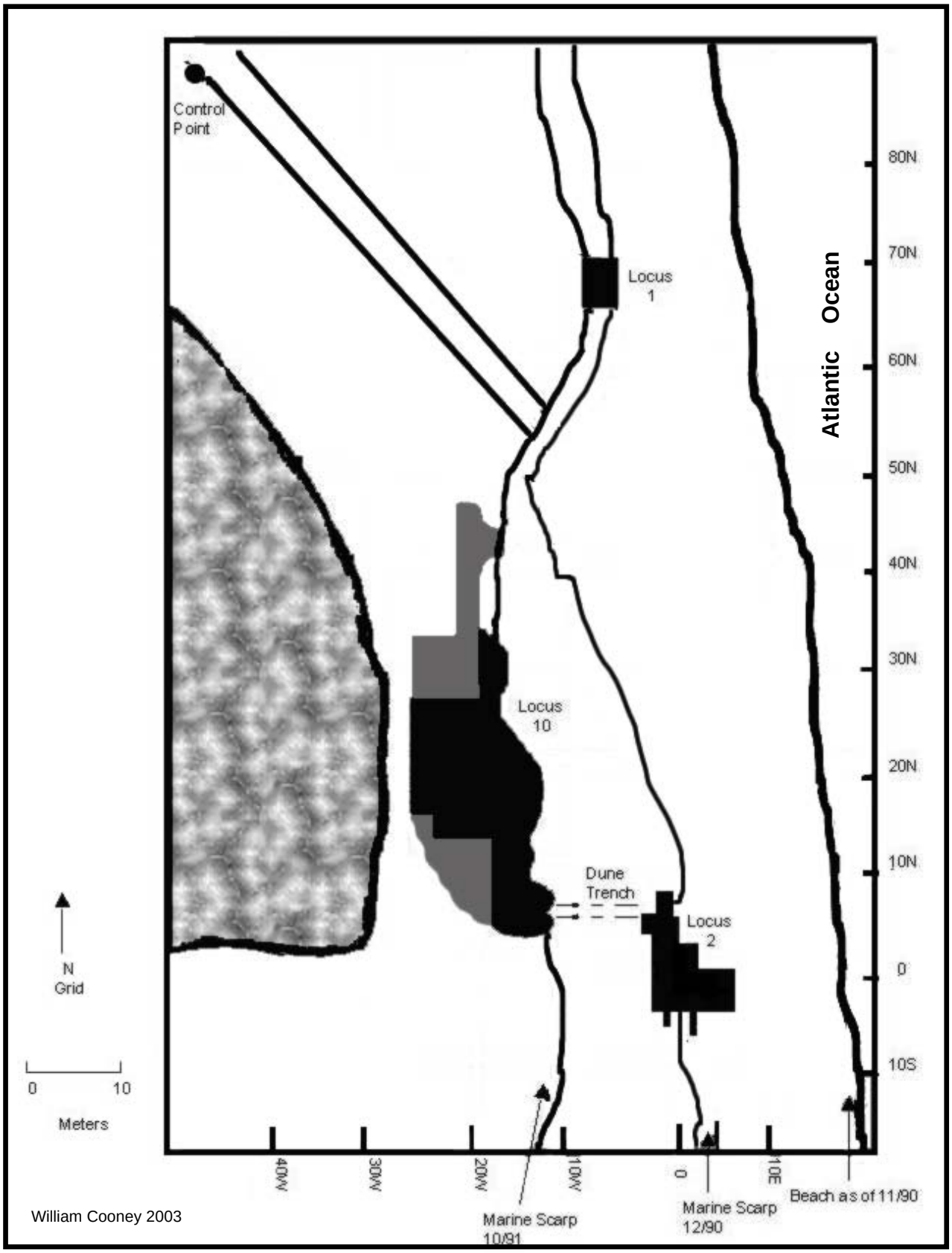


Figure 5 Carns site excavation loci and beach lines.

Figure 6 Excavations at Locus 2, December 1990.

Figure 7 Excavations at Locus 1, February 1991.

Figure 8 Locus 2 after the No Name storm of October 1991. Compare with Figure 2a view of same area in November 1990 (after Stillson, 1994:Figure 1).

Figure 9 Locus 10 looking South, November 1991.

Figure 10 Winter excavations at Locus 10.

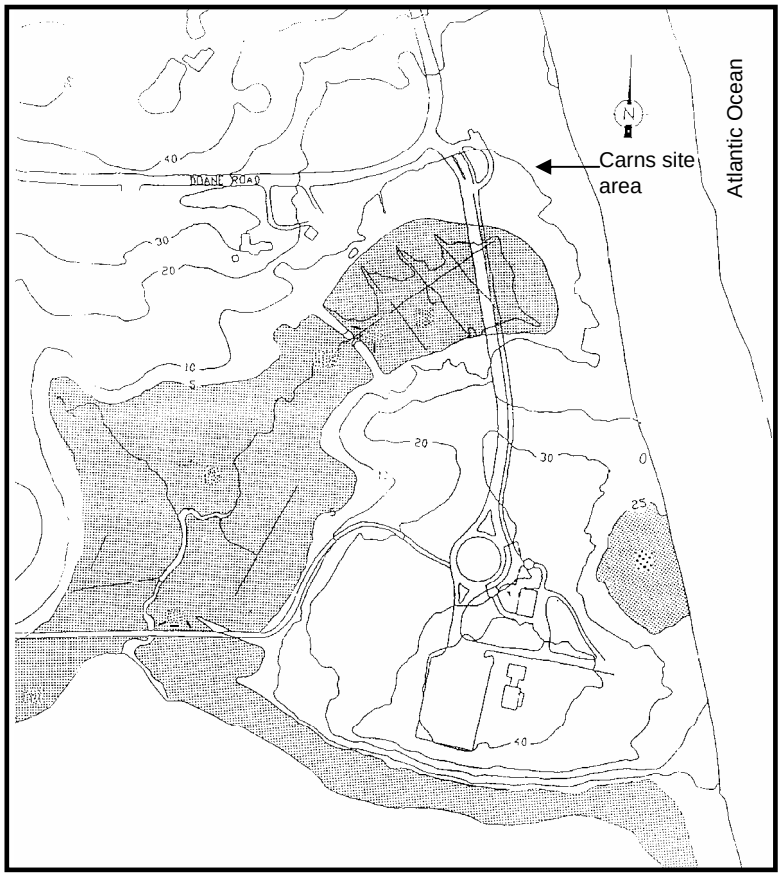


Figure 11 Map of Nauset Bay/Coast Guard Beach area (after Boothroyd, 1992).

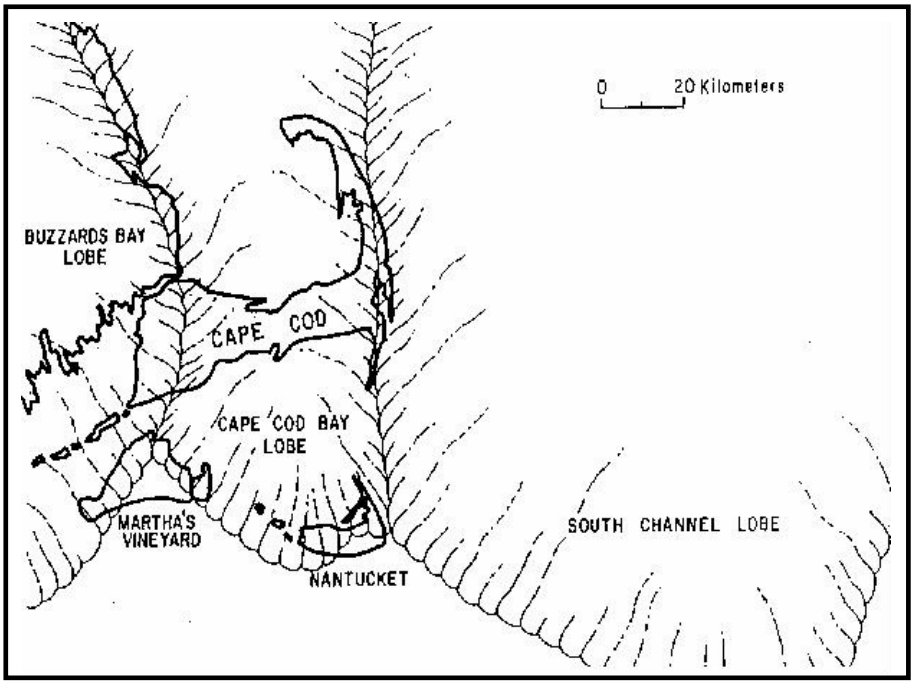


Figure 12 Cape Cod during late Pleistocene glaciation (after Oldale, 1994: Figure 2).

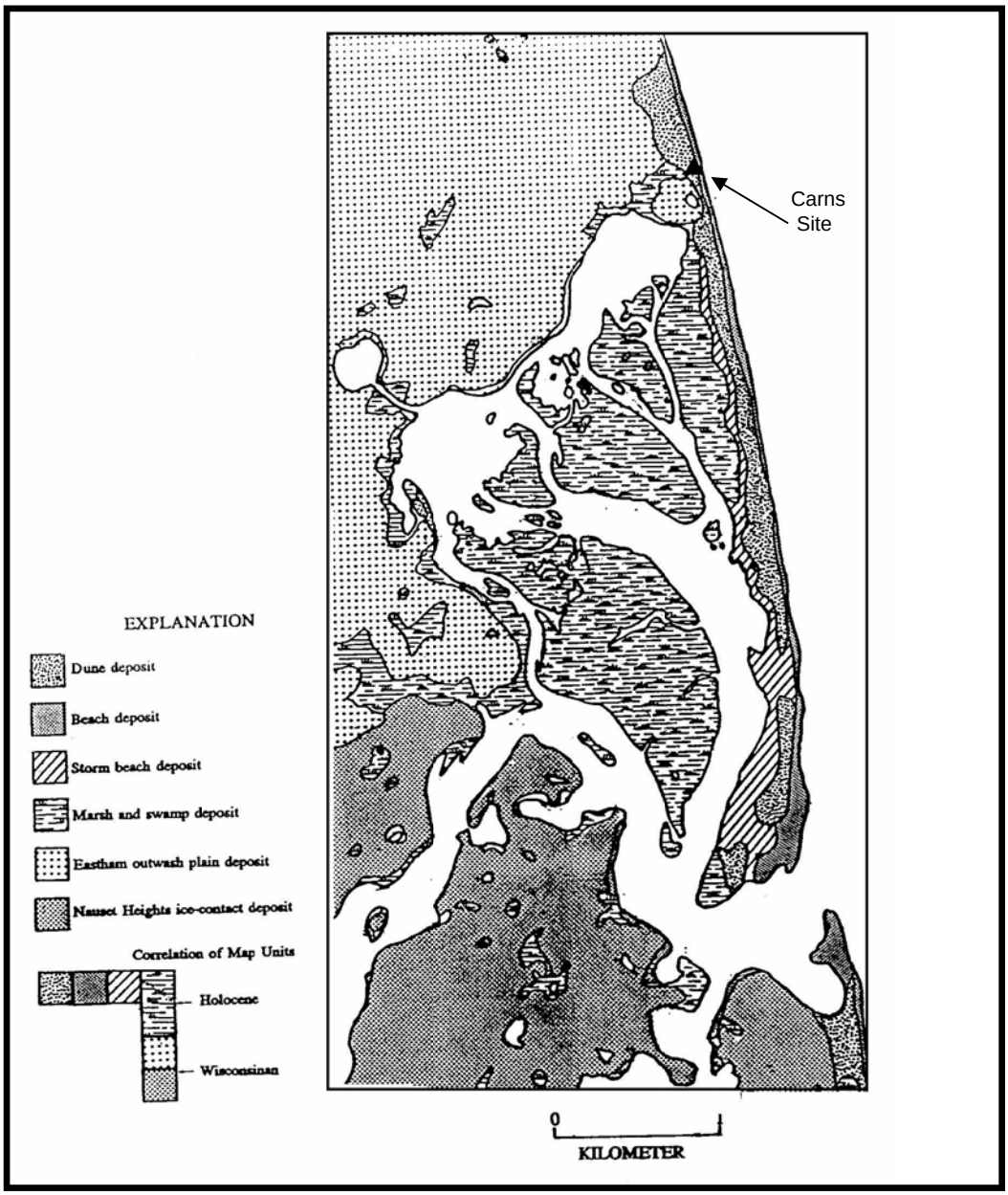


Figure 13 Surficial geology of Nauset Marsh (after Oldale et al. 1971).

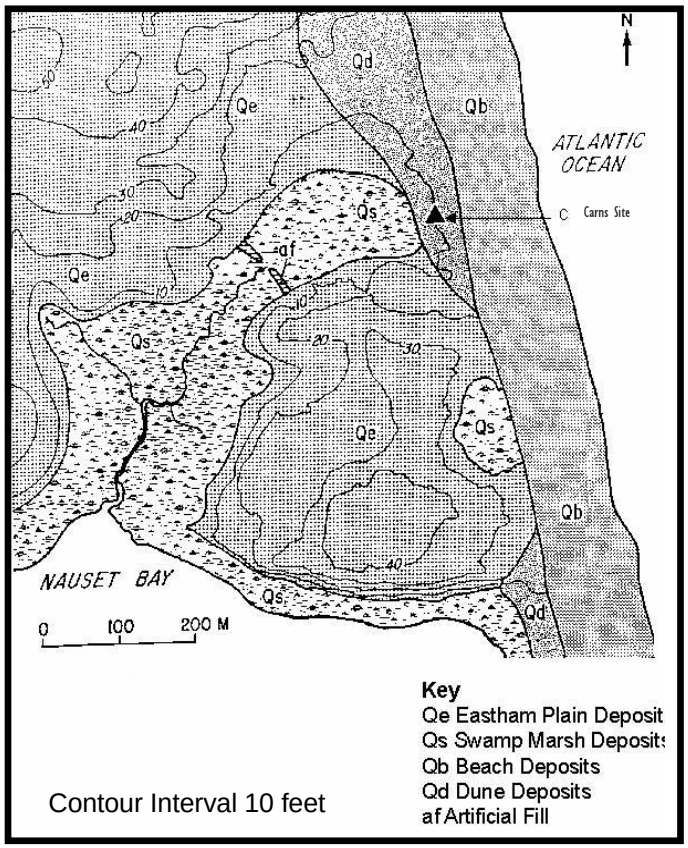


Figure 14 Surficial geology of Nauset Marsh/ Coast Guard Beach area (after Boothroyd, 1992).

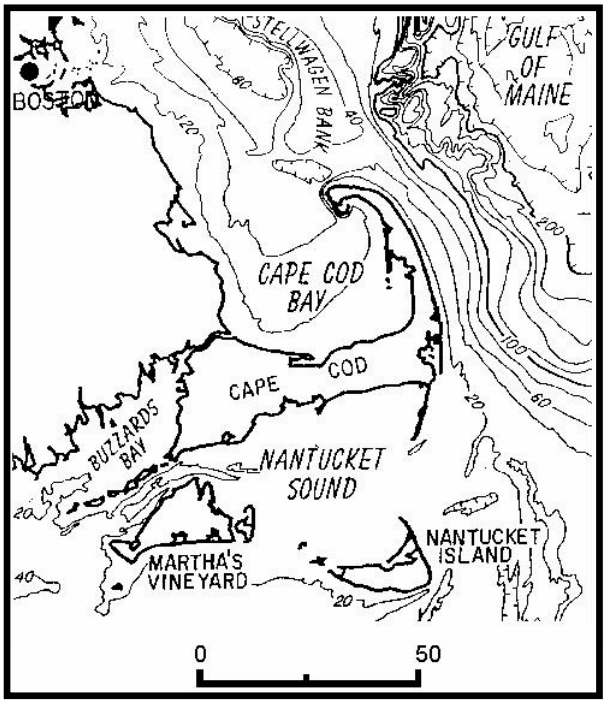


Figure 15 Bathymetric map of the southwestern Gulf of Maine, contour interval 20m (after Oldale, 1994: Figure 3)

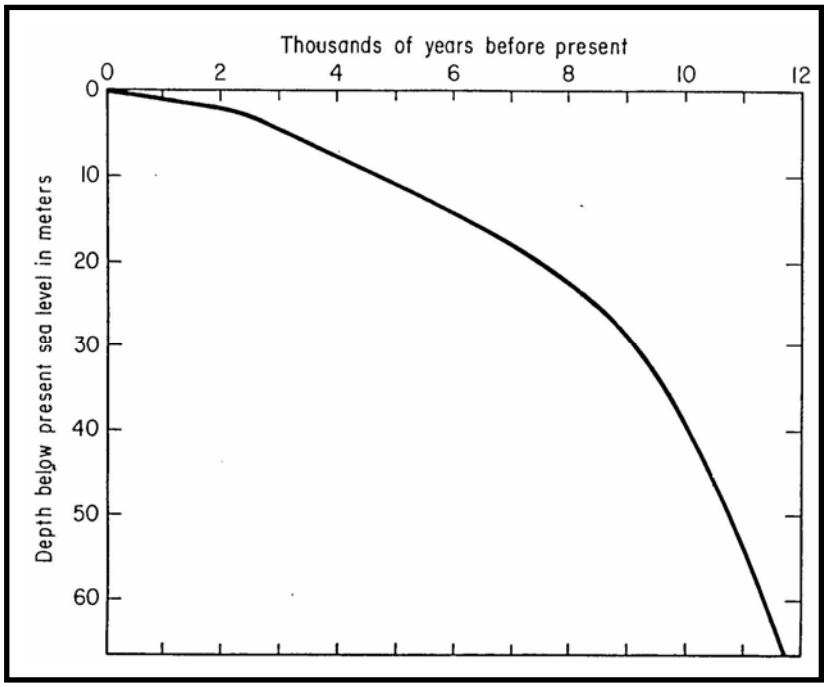


Figure 16 A local relative sea-level rise curve for the past 12,000 years (modified from OIdale and O'Hara, 1980).

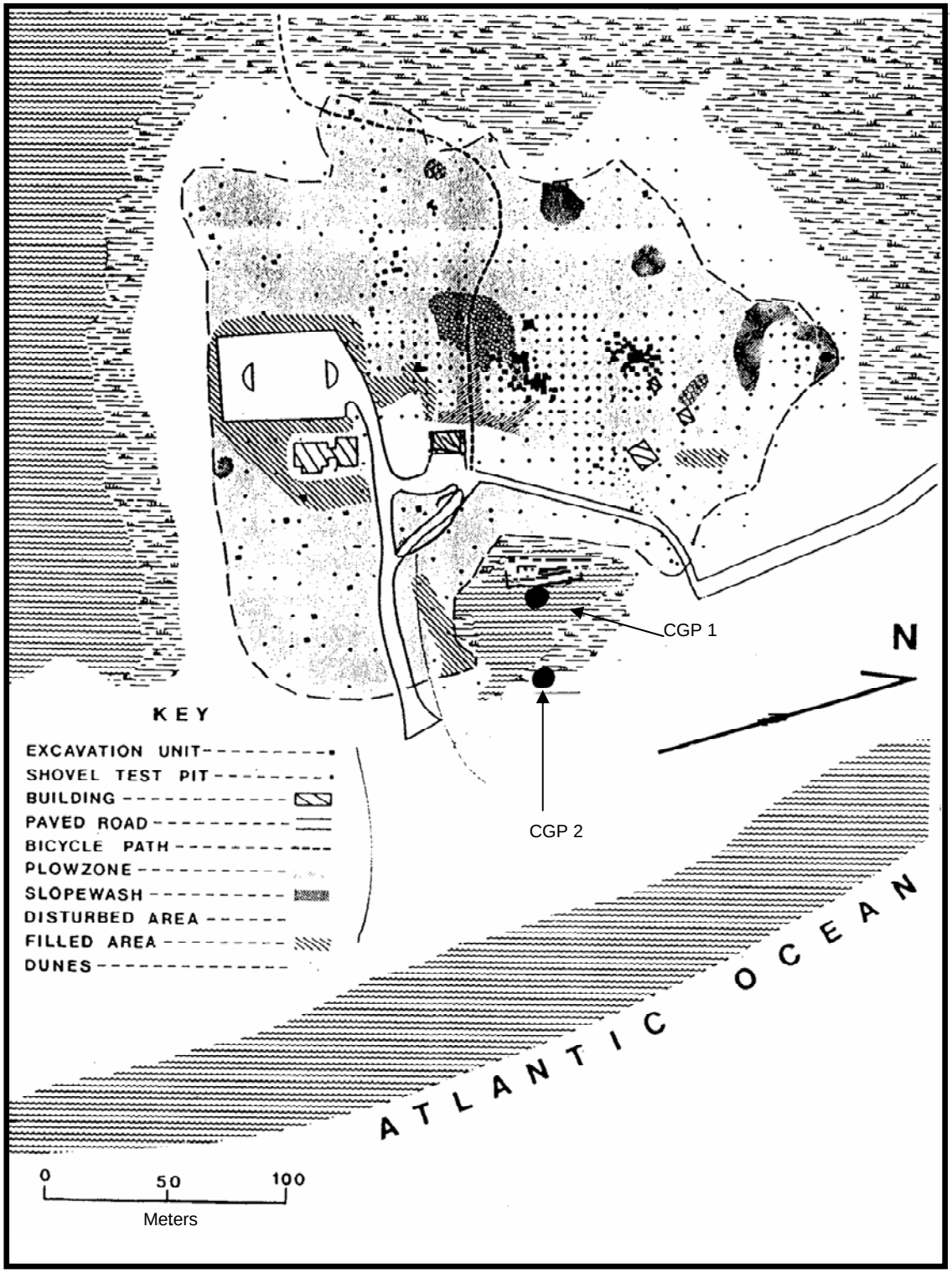


Figure 17 Location of sediment cores taken in1983 at Coast Guard Hill Pond (after Borstel, 1991).

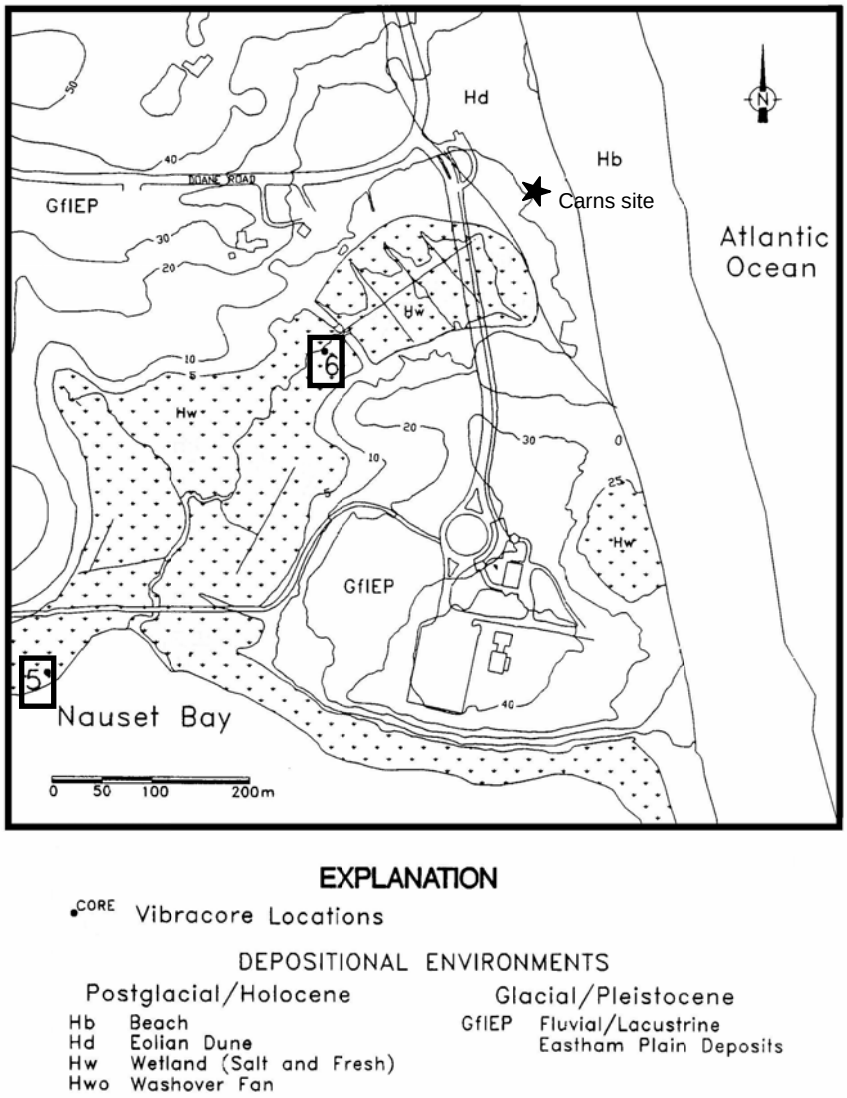


Figure 18 Location of sediment cores 5 and 6 taken in 1991 (after Boothroyd et al., 1992).

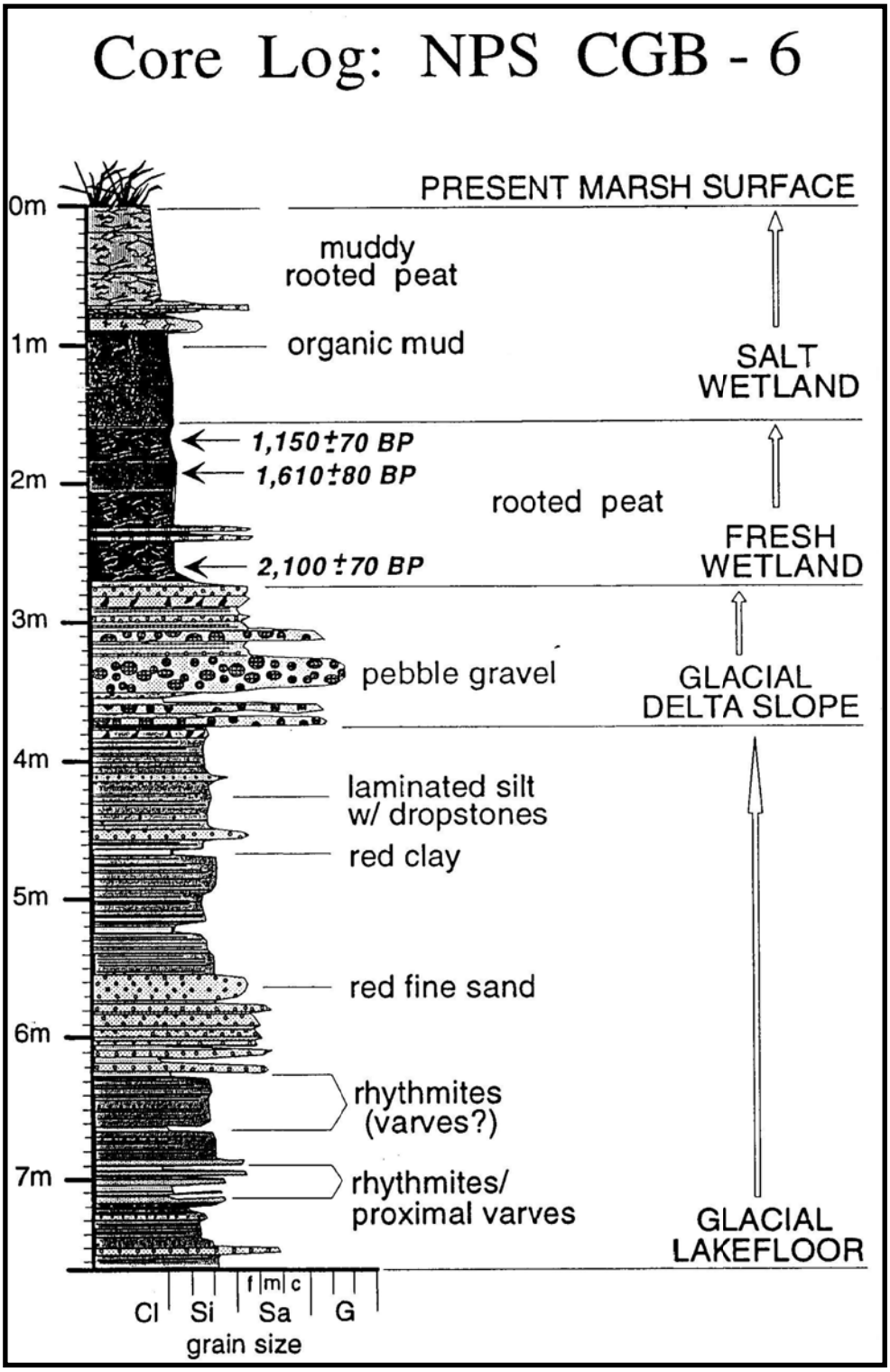


Figure 19 Profile of core CGB-6 with associated C-14 dates (after Boothroyd et al., 1992).

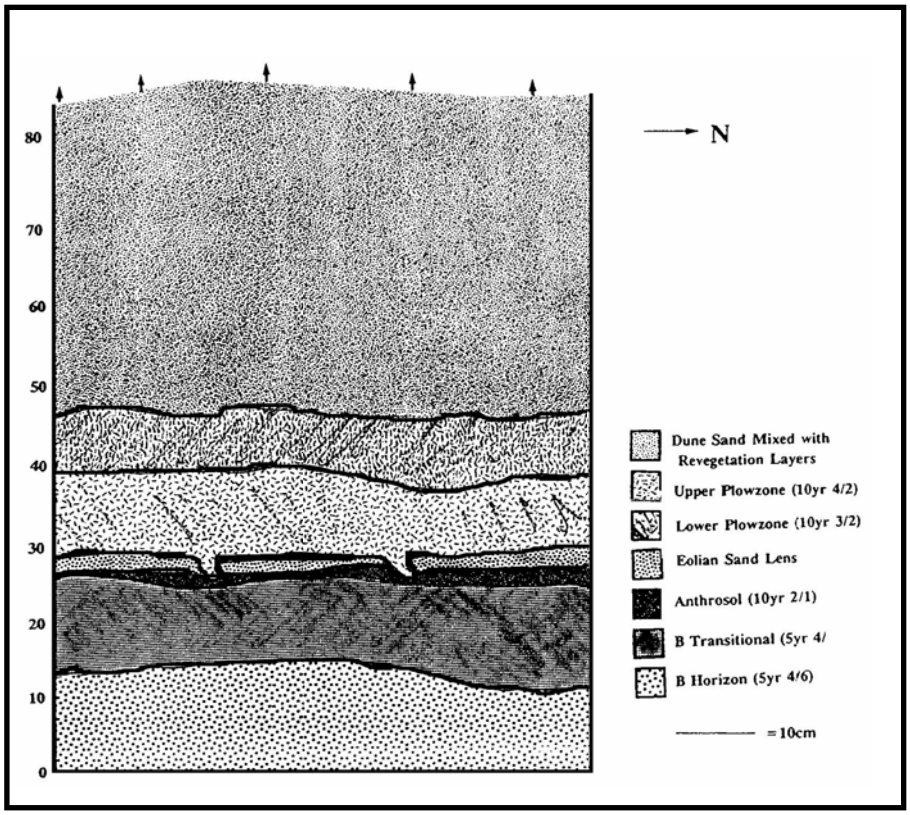


Figure 20 Drawing of soil profile at Locus 1, December 1990.

Figure 21 Photograph of soil profile at Locus 1, December 1990.

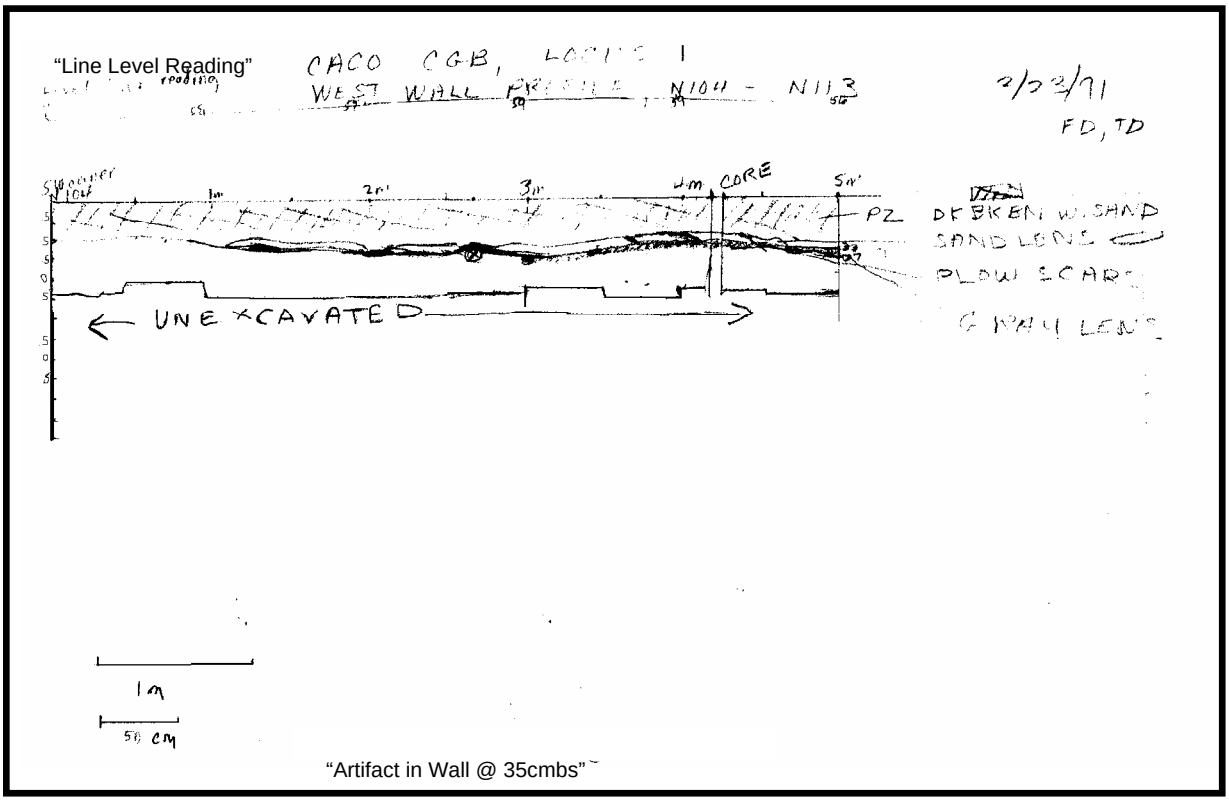


Figure 22 Field sketch of west wall profile, Locus 1, February 1991.

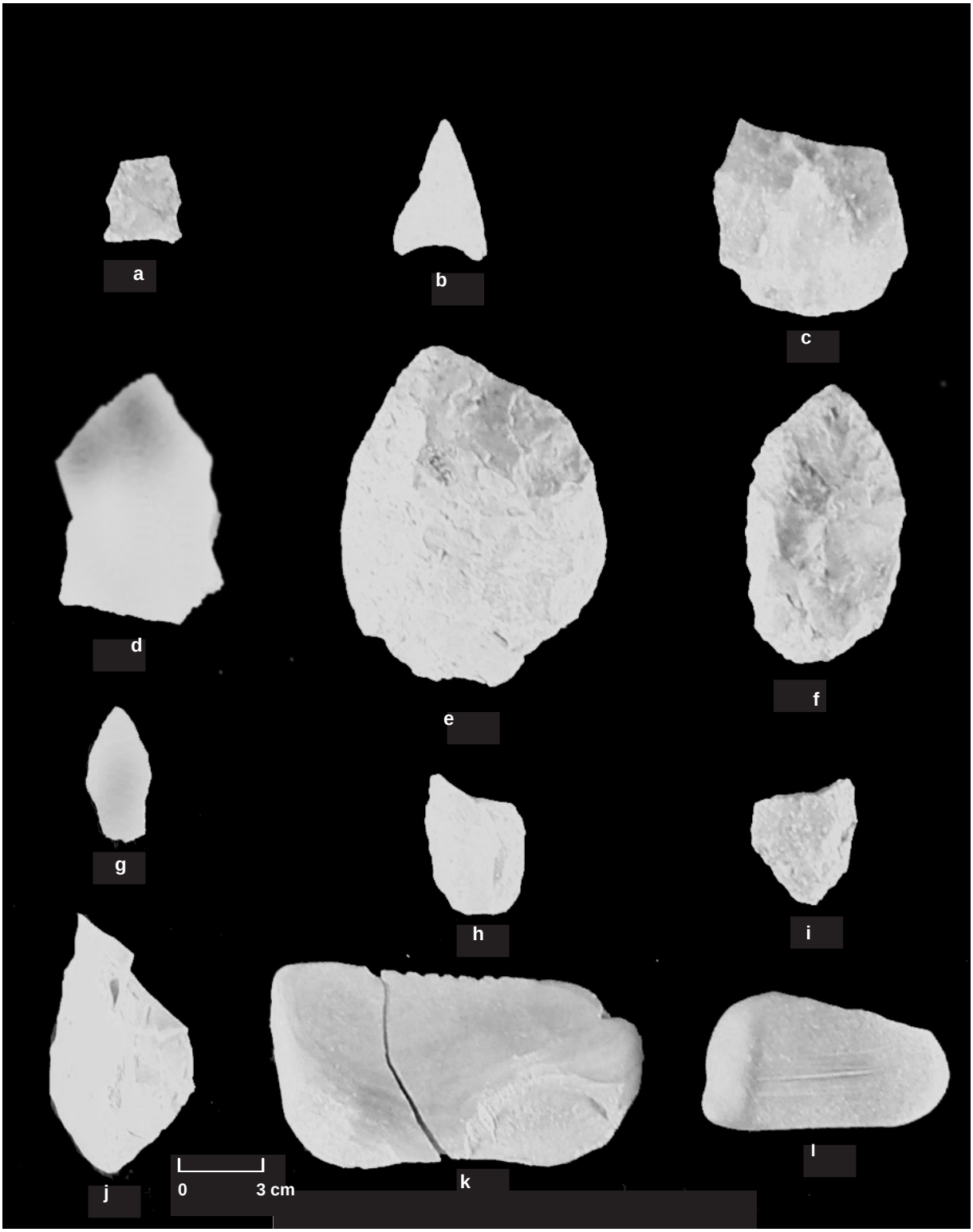


Figure 23 Lithic artifacts from Locus 1, December 1990. From plow zone: a. Late Archaic side-notched point (#57479). From Interface: b. quartz triangular point (#57483), c. preform (#57473), d. core #57475), e. preform (#57476), f. preform (#57477). From B horizon: g. quartz small-stemmed point (#57469), h. biface (#57482), i. Rossville point base (#57467), j. Rossville point base (#57474), k. notched slate object, dentate stamping tool (#57976). No specific provenience: slate hone (#57468).
Artifacts shown at 1:1.

Figure 24
Lithic artifacts from
Locus 1, February 1991.
From B horizon:
a. untyped stemmed
point(#57467),
b. core (#57472).
From C horizon:
c. untyped point (# 57623).
Artifacts shown at 1:2.

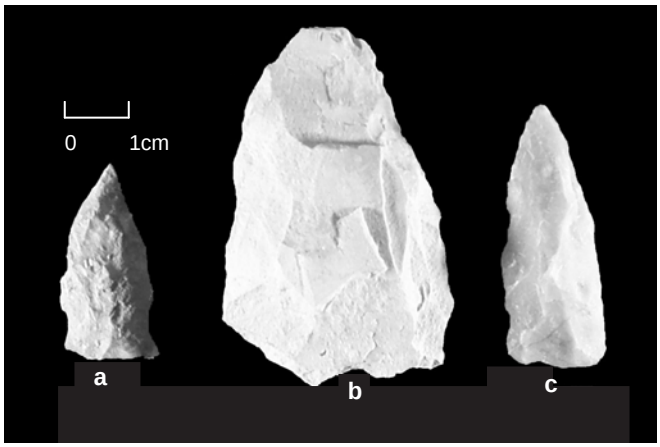


Figure 25
Ceramics from Locus 1,
December 1990.
From B horizon:
a. Vessel lot #1 (#57590),
b. Vessel lot #2 (#57488).
No specific provenience:
c. Vessel lot #4 (57519),
d. Vessel lot #5 (#57518),
e. - g. Vessel lot #6
(#57525, #57522, #57522).
Artifacts shown at 1:2.

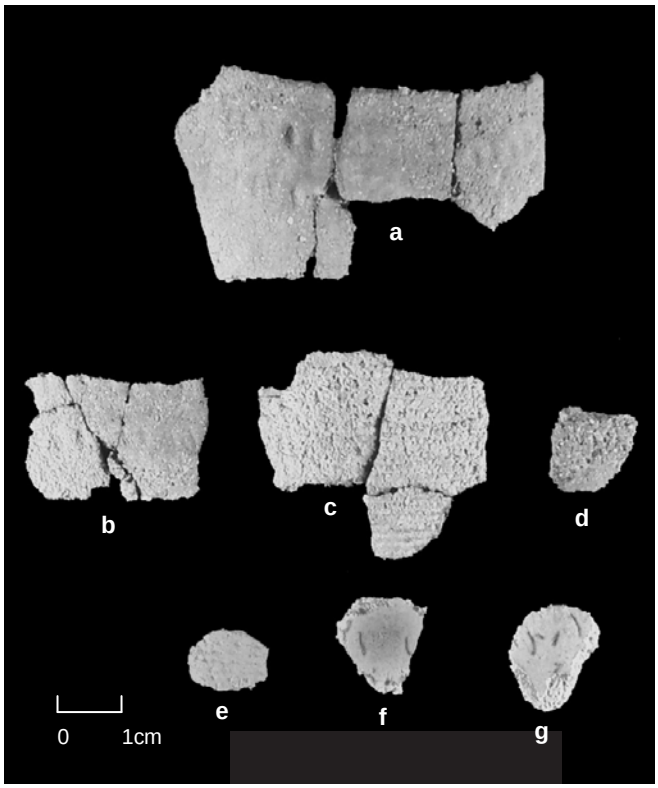
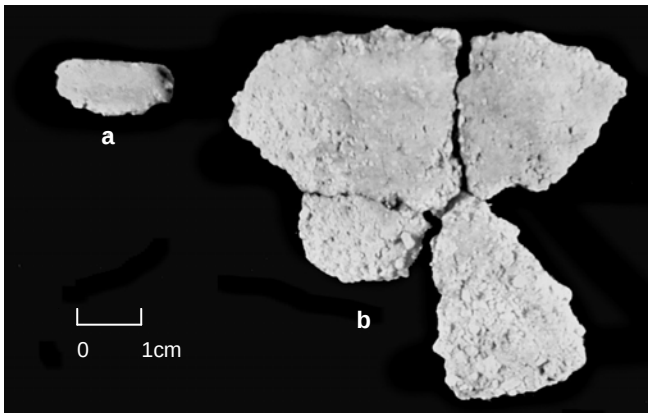


Figure 26
Ceramics from Locus 1,
February 1991.
From B horizon:
a. Vessel lot #7(#57499),
b. Vessel lot #8 (#57496).
Artifacts shown at 1:2.



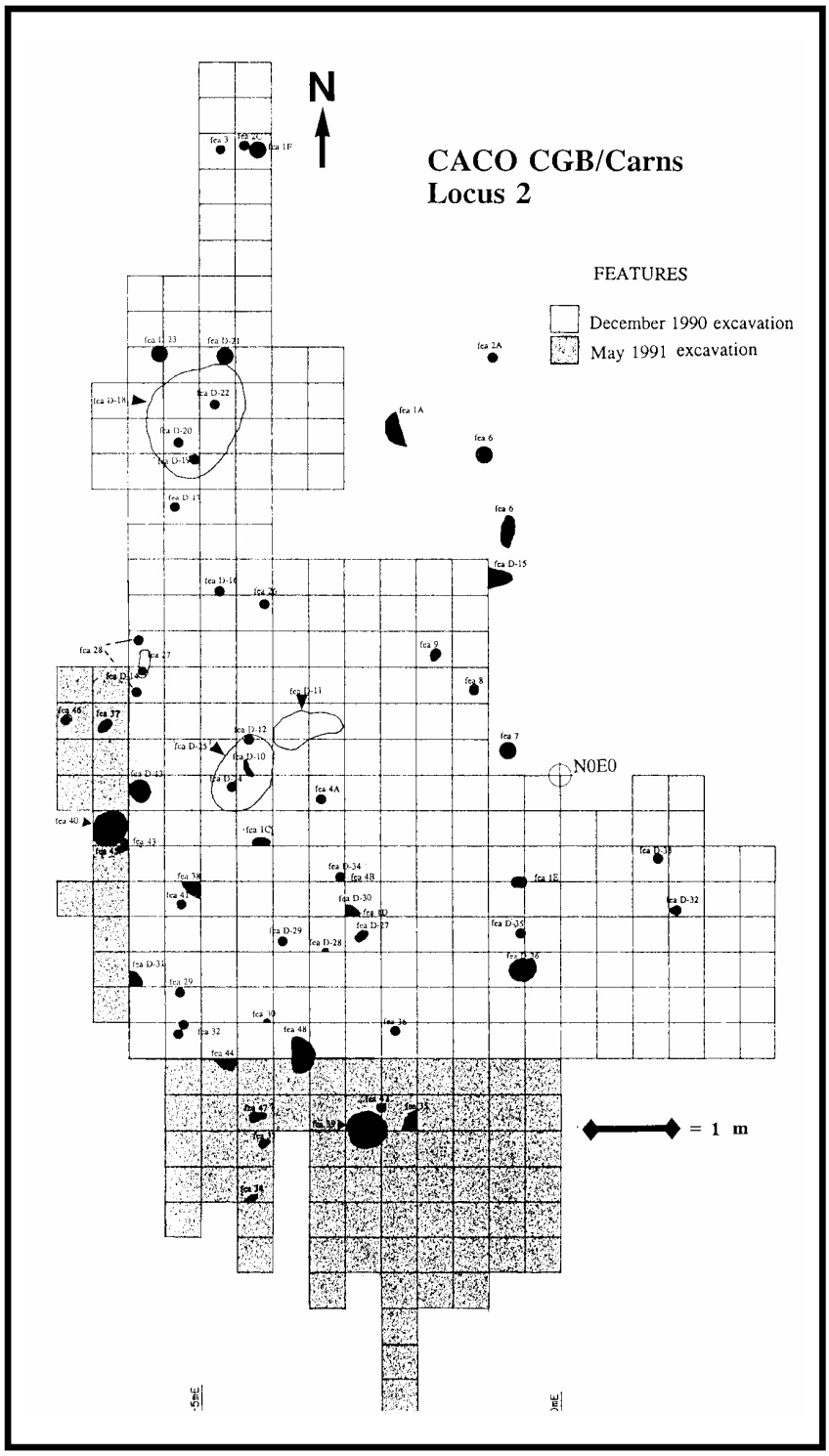


Figure 27 Plan of Locus 2 excavations, December 1990 and May 1991 (after Stillson, 1991:Figure 5).

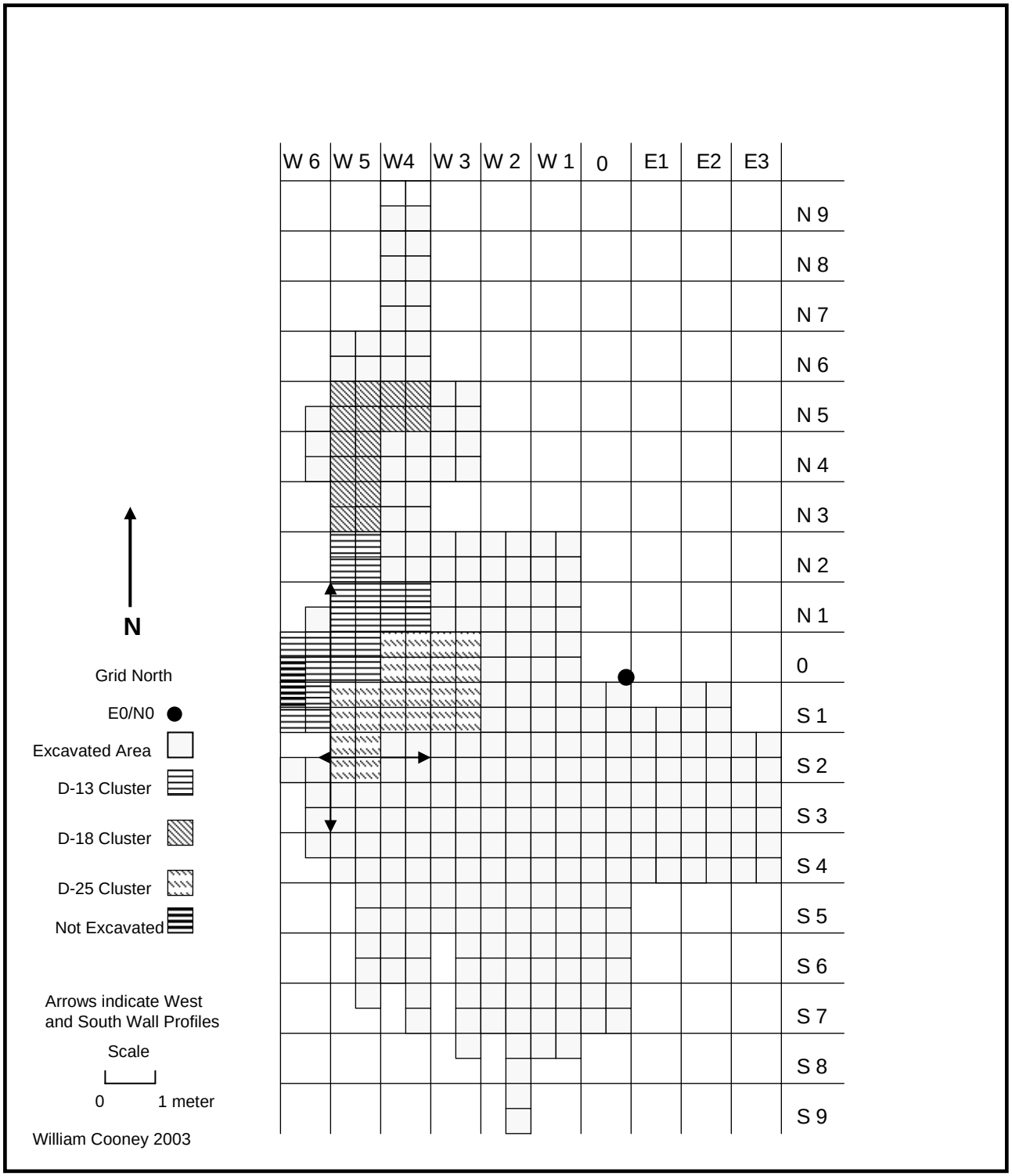


Figure 28 Revised plan of Locus 2 excavations.

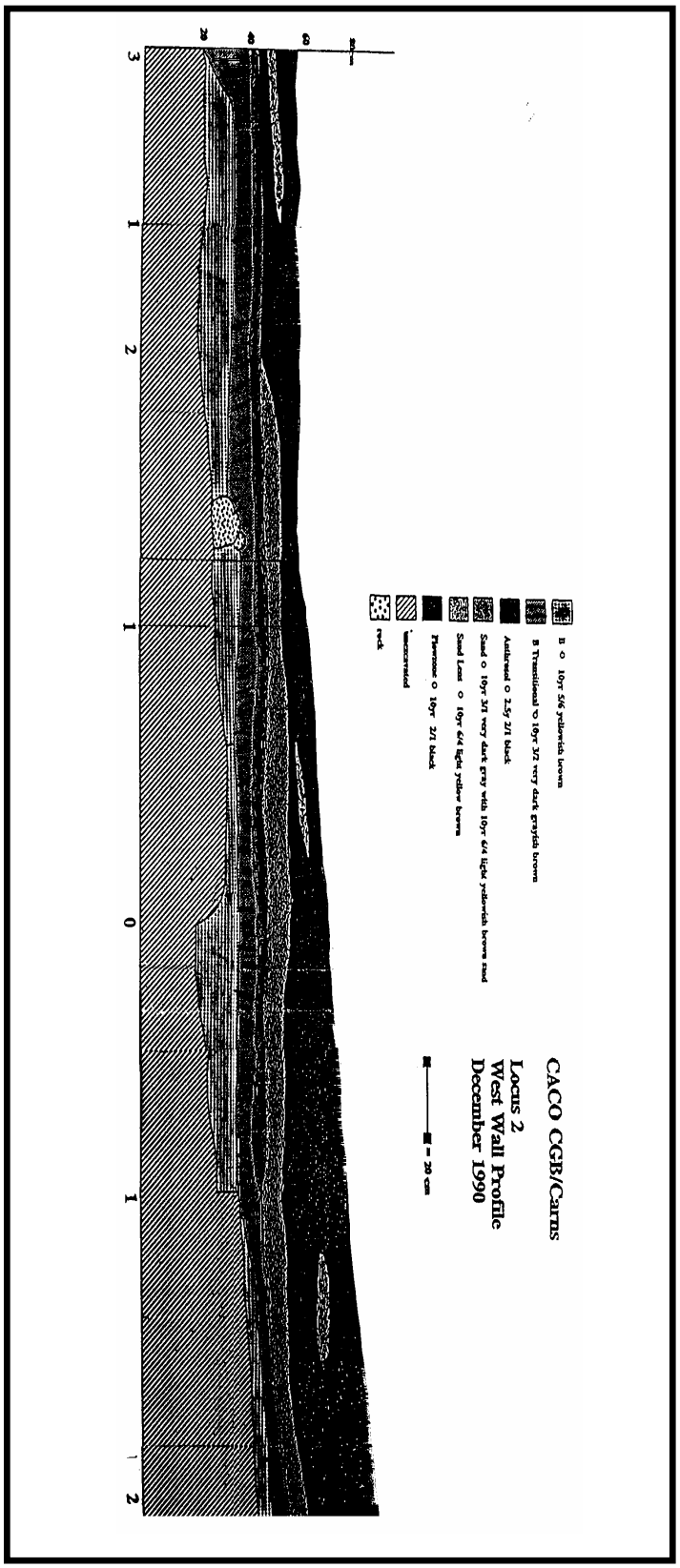


Figure 29 West wall profile, S3/W5 to N1/W5, Locus 2, December 1990.

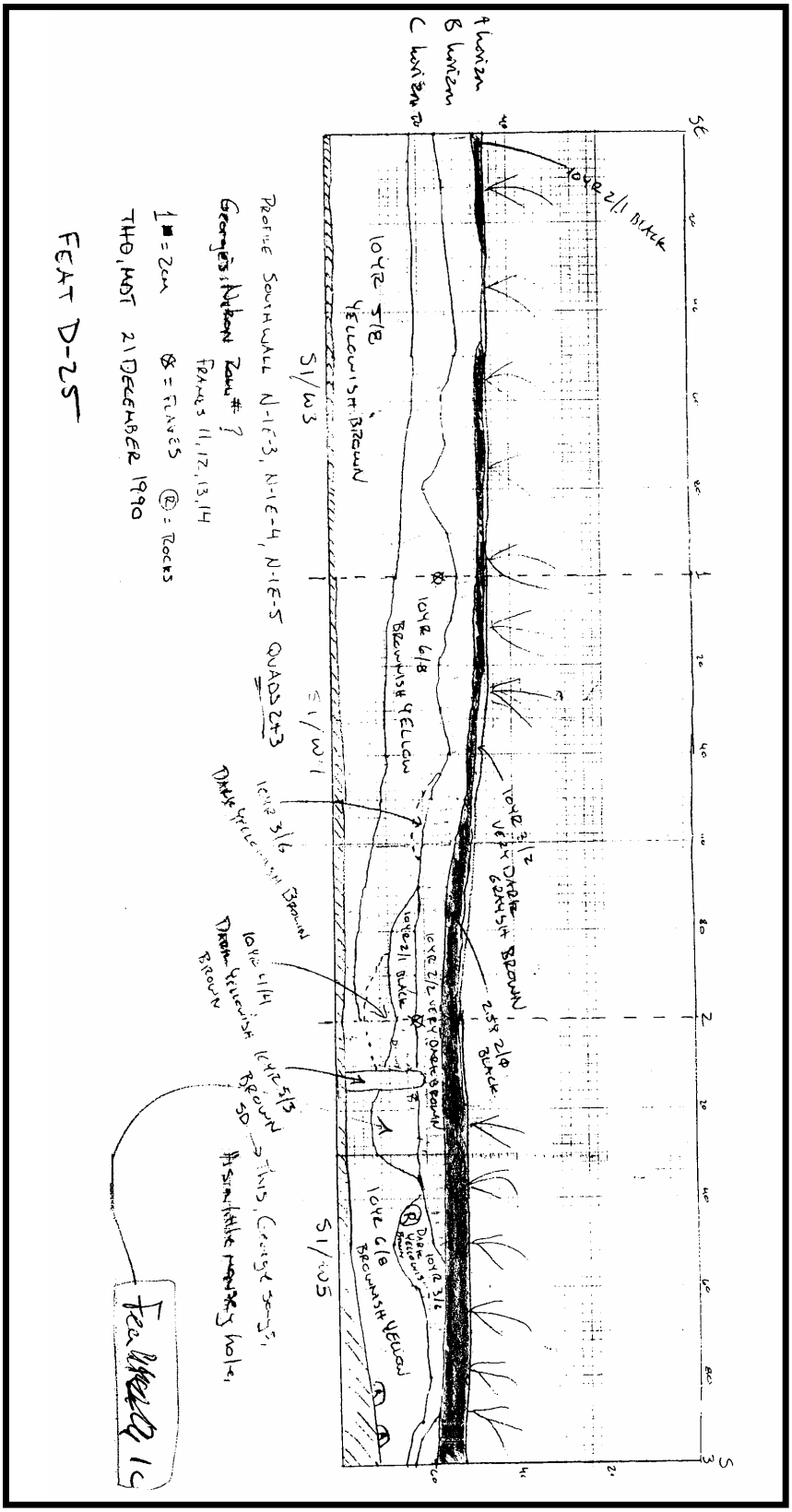


Figure 30 South wall profile, S1/W3 to S1/W5, Locus 2, December 1990 (after Tom H. Doyle and Mary D. Troy, 12/21/1990).

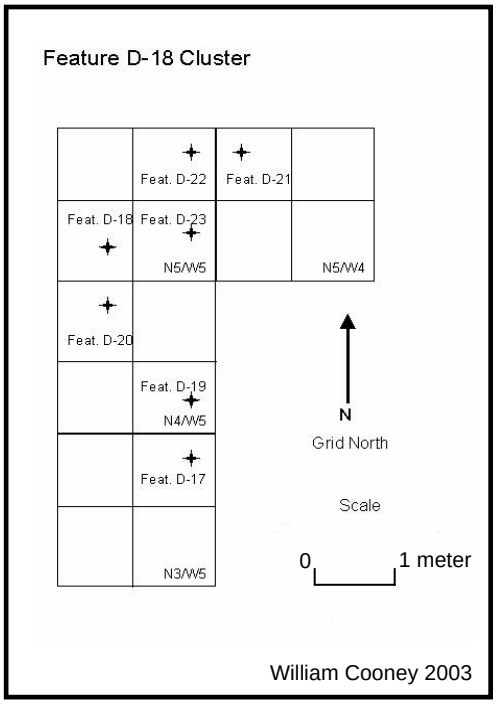


Figure 31 Plan of the Feature D-18 cluster. Figure 32 Photo of Feature D18, Locus 2.

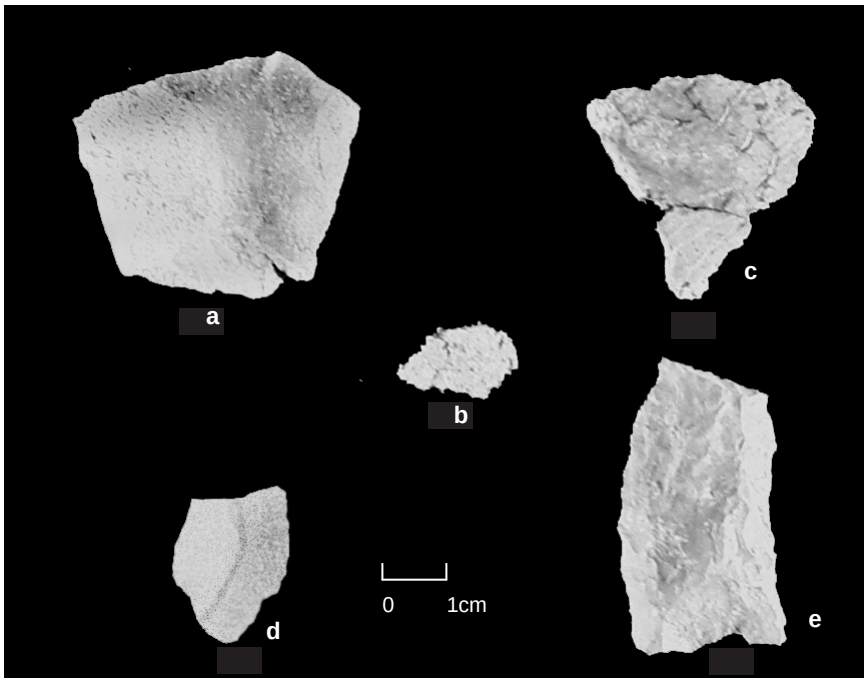


Figure 33 Artifacts from Feature D-18 cluster. Feature D 18:
a. biface base (#57999), b. and c. pottery from Vessel lot #9 (#57616m 57614).
Adjacent excavation units: d. quartz Lagoon point (#57982),
e. Fox Creek-lie biface (#57994).
Artifacts shown at 1:1.

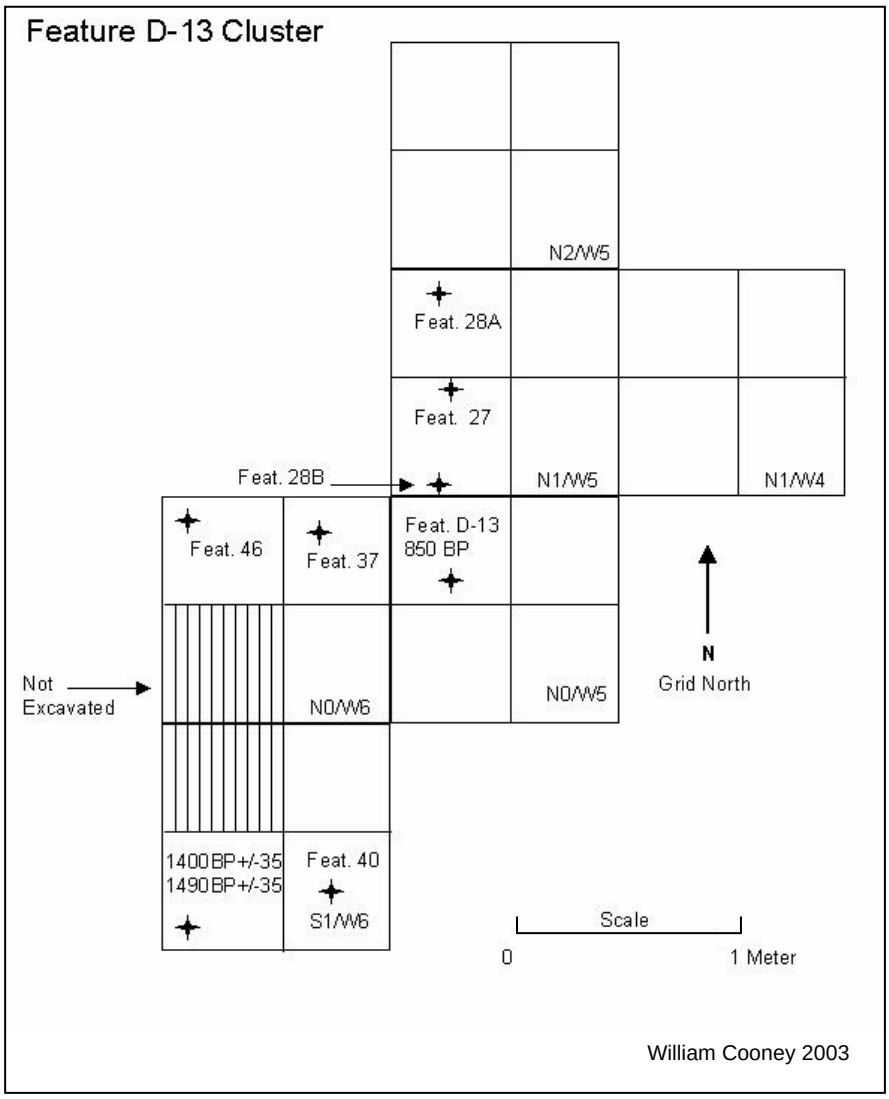
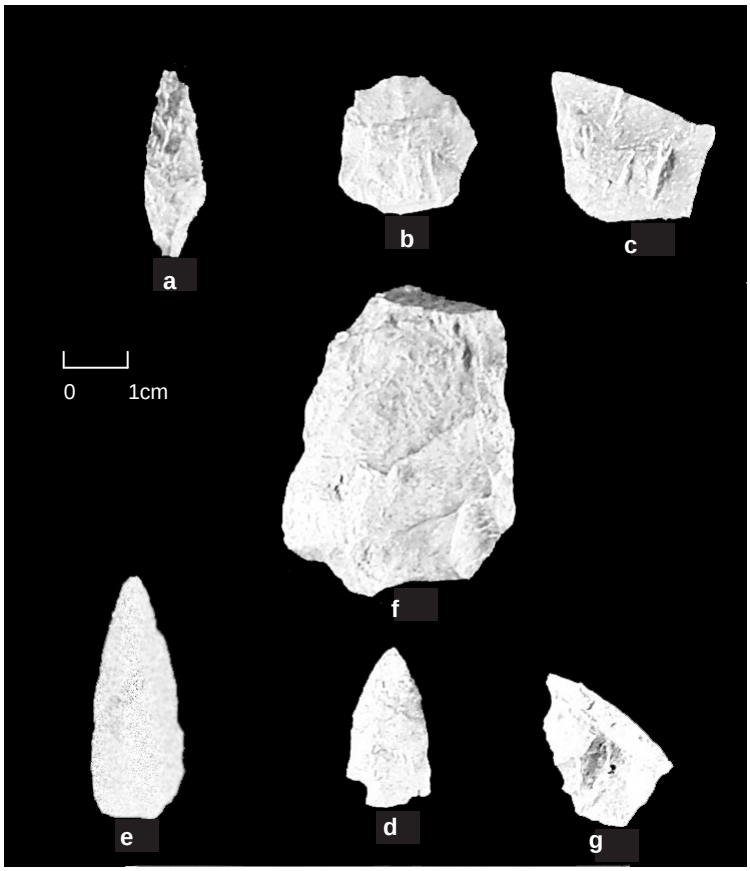


Figure 34 Plan of the Feature D-13 cluster, Locus 2.



Feature 35 Artifacts from N0/W5. Quad 1: a. fragmentary Rossville point (#58075), b. Lagoon point (#57983), c. fragmentary lanceolate biface (#58051), d. untyped corner-notched point (#58021). Quad 2: e. ovate biface #58056). Quad 4: f. preform (#58003), g. Greene point base (# 58052). Artifacts shown at 1:1.

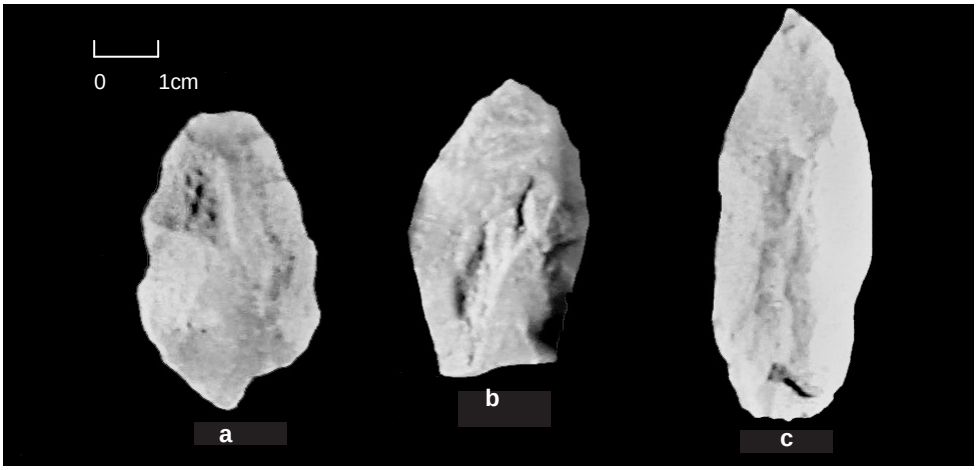


Figure 36 Artifacts from N2/W5. Quad 1: a. ovate biface (#57987). Quad 3: b.perforator on biface fragment (#58080). Quad 4: c. ovate biface (#58004). Artifacts shown at 1:1.

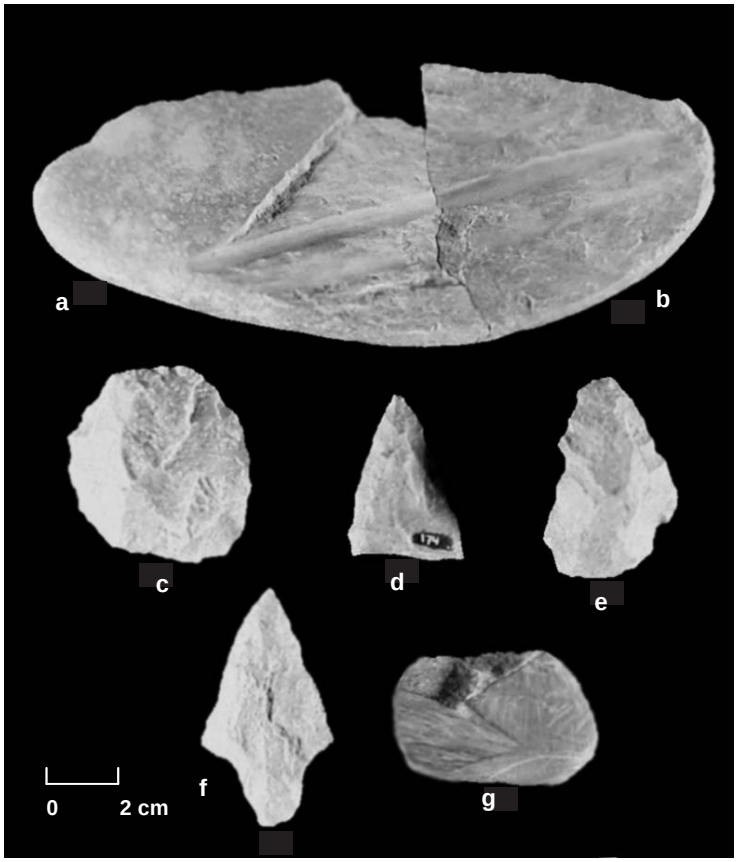


Figure 37 Artifacts from N0/W6. a. Fragment of slate hone and shaft straightener (#57980), b. Cross-mending fragment from N1/W4 (#57979). Quad 2: c. Biface fragment (#58503), d. Biface tip (#58078), e. Biface fragment (#57993). Quad 3: f. Lagoon point (#57997), g. Small slate hone with striations (#57992). Artifacts shown at 1:3.

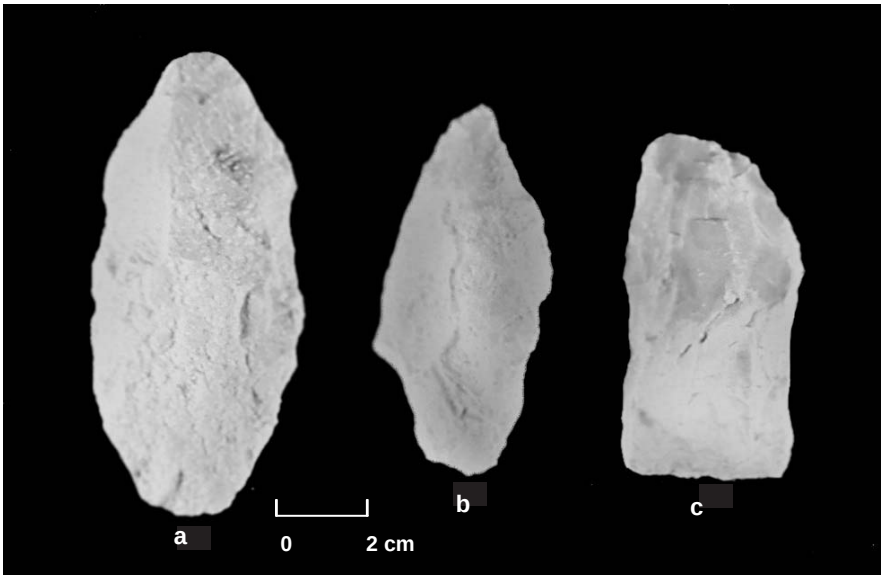


Figure 38 Artifacts from S1/W6. Quad 1: a. Greene point (#58002), b. Lagoon point (#58068), c. Untyped point (#57986). Artifacts shown at 1:1.

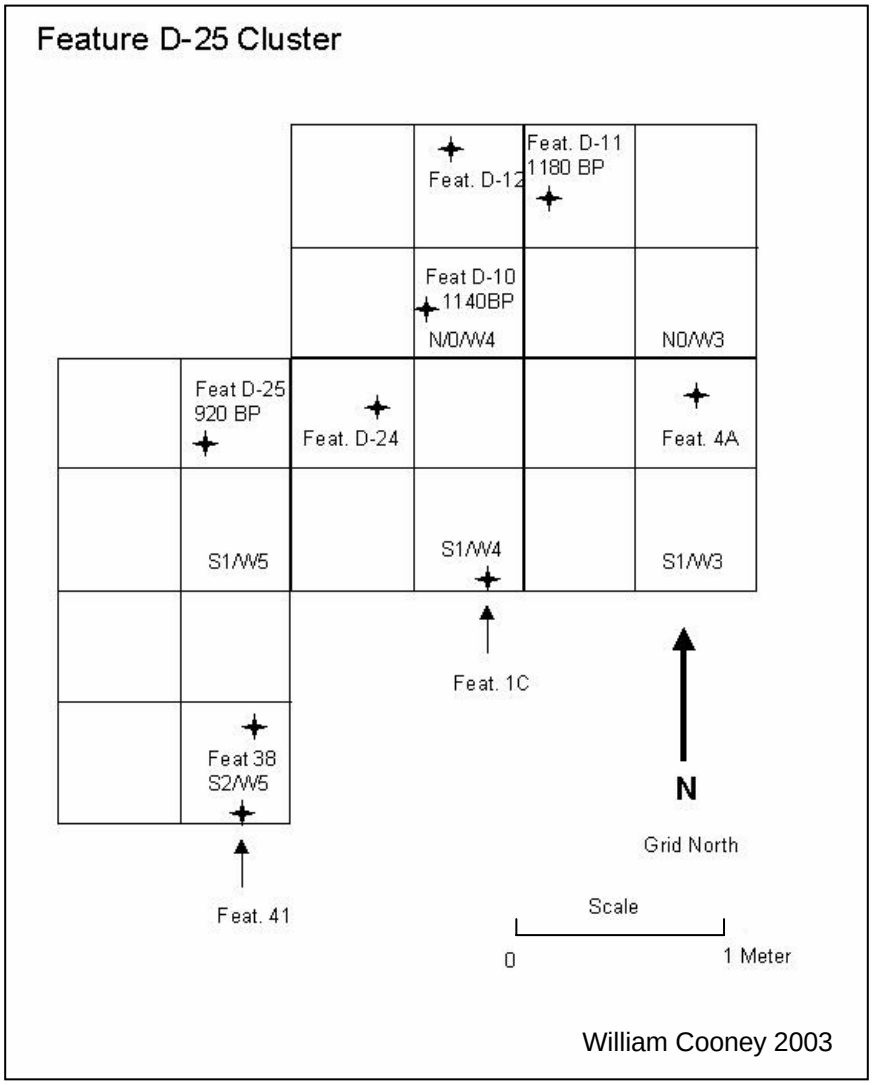


Figure 39 Plan of the Feature D-25 cluster, Locus 2.

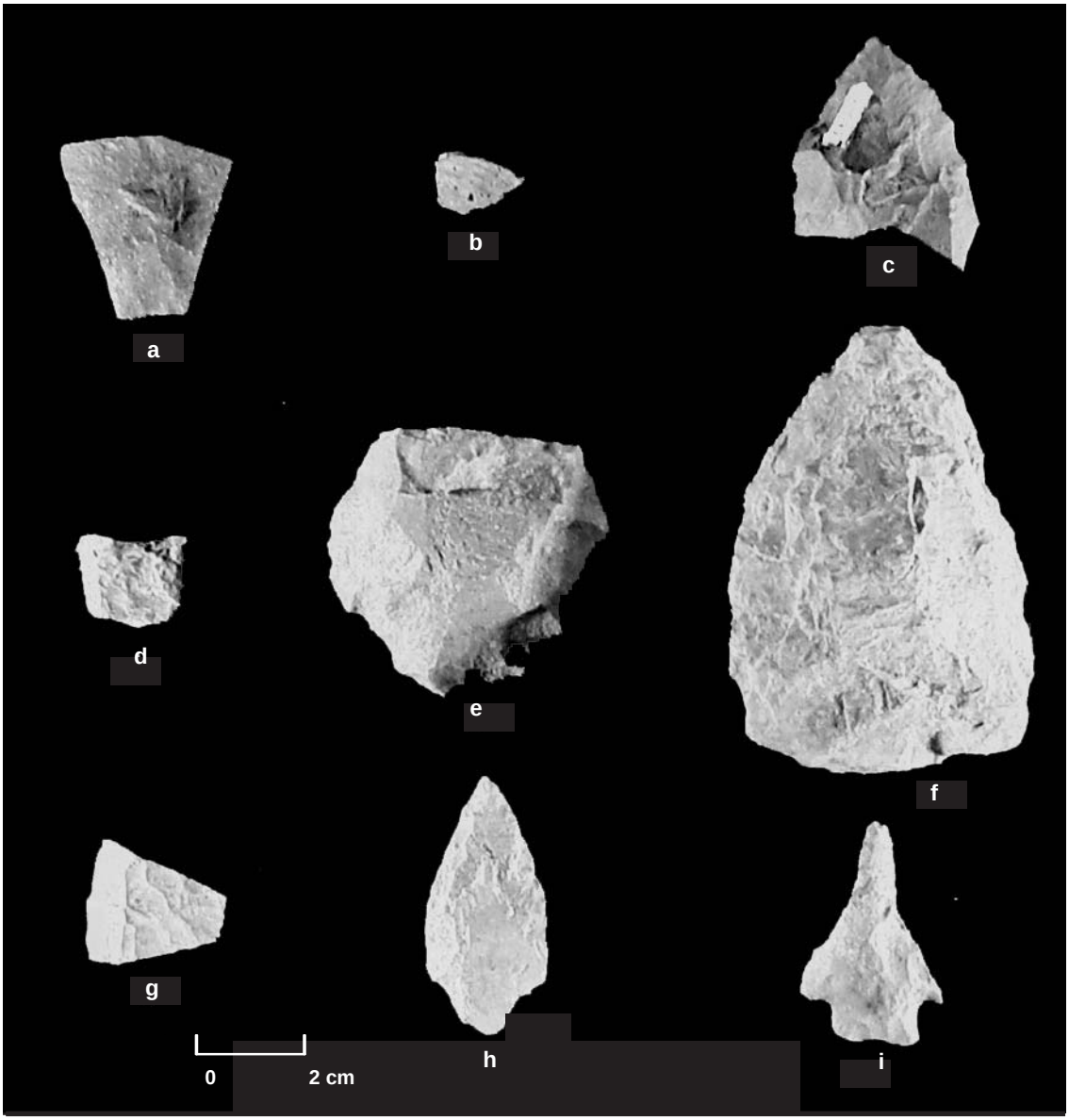


Figure 40 Artifacts from S2/W5. Quad 2: a. Fox Creek point base (#58010), b. Pottery sherd from Vessel lot #10 (#57620), c. Biface fragment (#58047), d. Biface fragment (#58074). Quad 3: e. Biface fragment (#58039), f. Preform (#58037), g. Biface fragment (#58040). Quad 4: h. Lagoon point (#57996), i. Stemmed point reworked as a drill (#58014). Artifacts shown at 1:1.

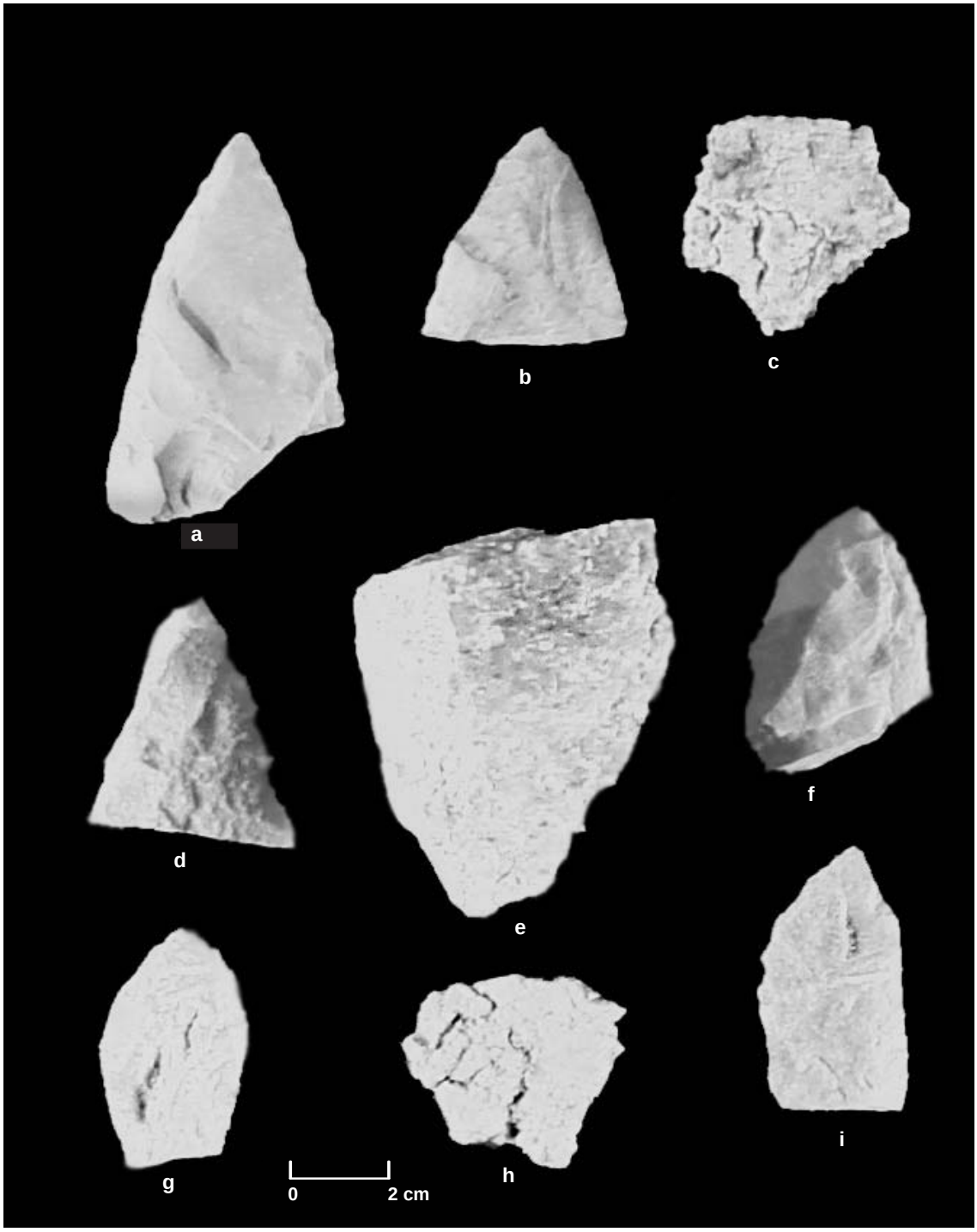


Figure 41 Artifacts from S1/W5, Quads 1 and 2. Quad 1: a. Triangular biface (#58069), b. Biface tip (#58028), c. Body sherd from Vessel lot #11 (#57586), d. Biface tip (#58026). Quad 2: e. Greene point base (#58109), f. Fragmentary biface (#58008), g. Reworked Fox Creek Point (#58013), h. Body sherd from Vessel lot #11 (#57587), i. Reworked Fox Creek point (#58012).
Artifacts shown at 1:1.

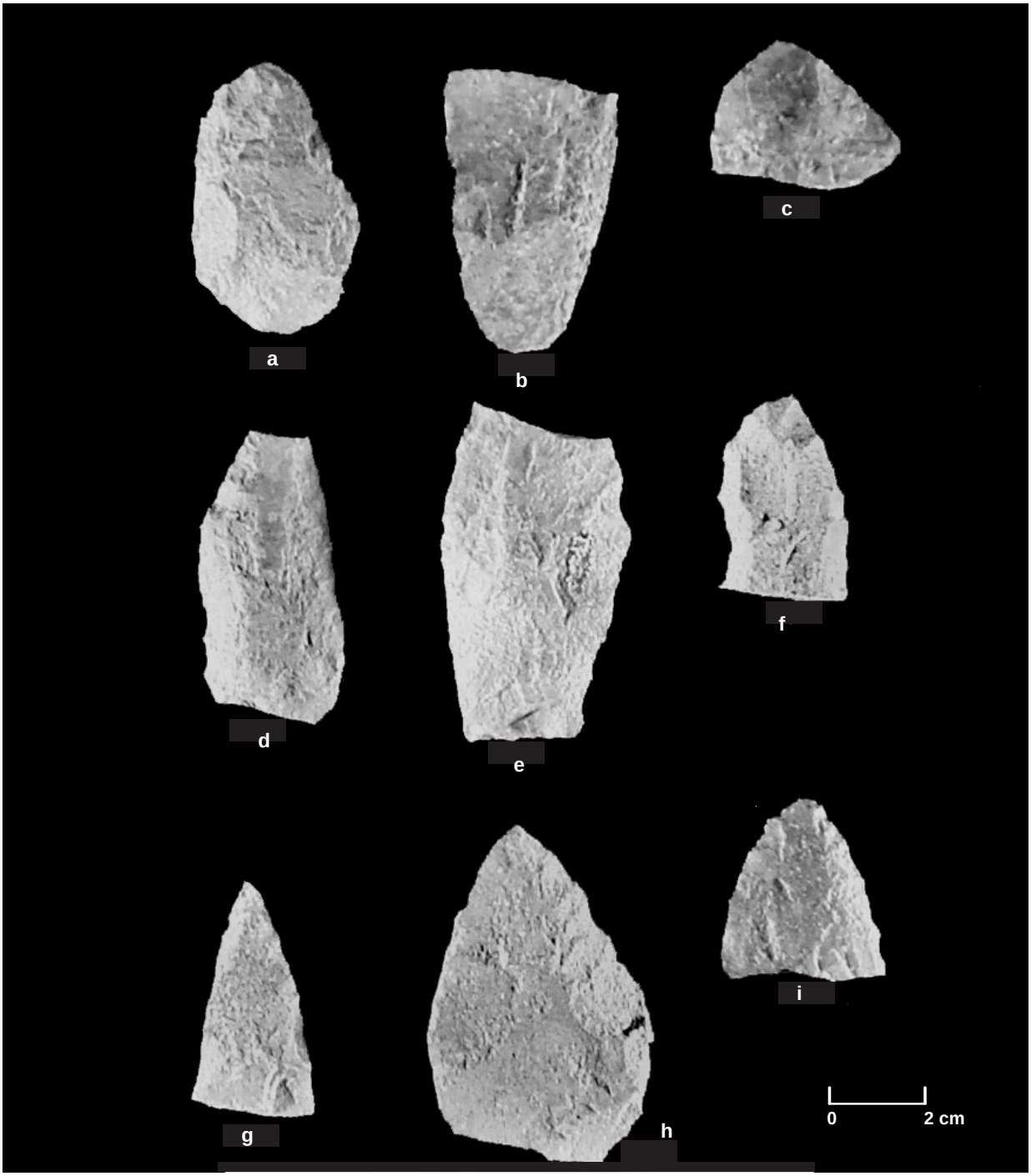


Figure 42 Artifacts from S1/W5, Quads 3 and 4. Quad 3: a. Ovate biface (#58030), b. Greene point # base (#58066), c. Ovate biface tip (#58064), d. Preform (#58065). Quad 4: e. Ovate biface fragment (#57990), f. Fox Creek point (#58135), g. Biface tip (#58077), h. Preform (#58006), i. Ovate biface fragment (#58007).
Artifacts shown at 1:1.

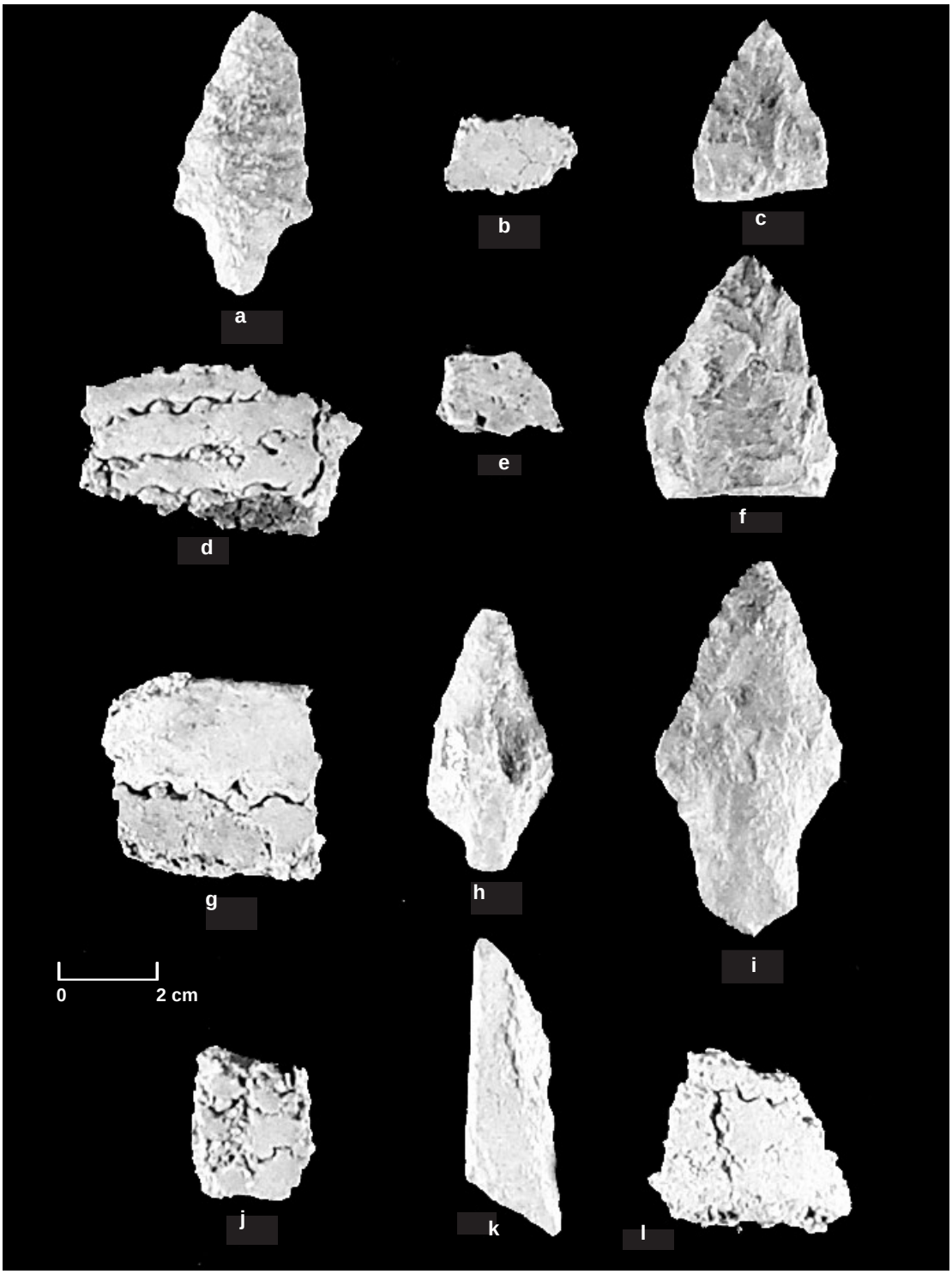
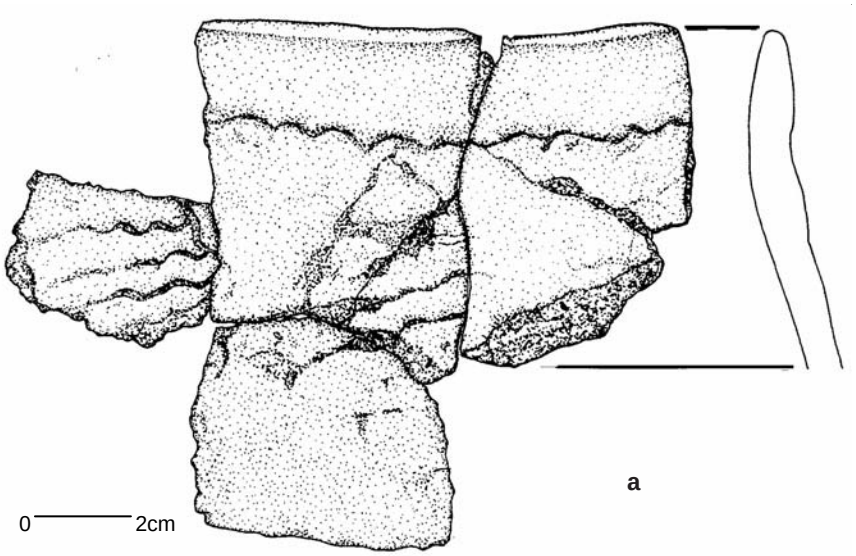


Figure 43 Artifacts from S1/W4. Quad 1: a. Lagoon point (#57984). Quad 2: b. Body sherd from Vessel lot #11 (#57546), c. Biface tip (#58035), d. Body sherd from Vessel lot #11 (57454), e. Body Sherd from Vessel lot #12 (57562), f. Biface fragment (#58024), g. Body sherd from Vessel lot#11 (#57544), h. Lagoon point (#57995), i. Lagoon point (#58067).
Quad 3: j. Body sherd from Vessel lot #11 (#57584). Quad 4: k. Fragmentary ovate biface (#58034), l. Pottery sherd from Vessel lot #11 (#57554).
Artifacts shown at 1:1.



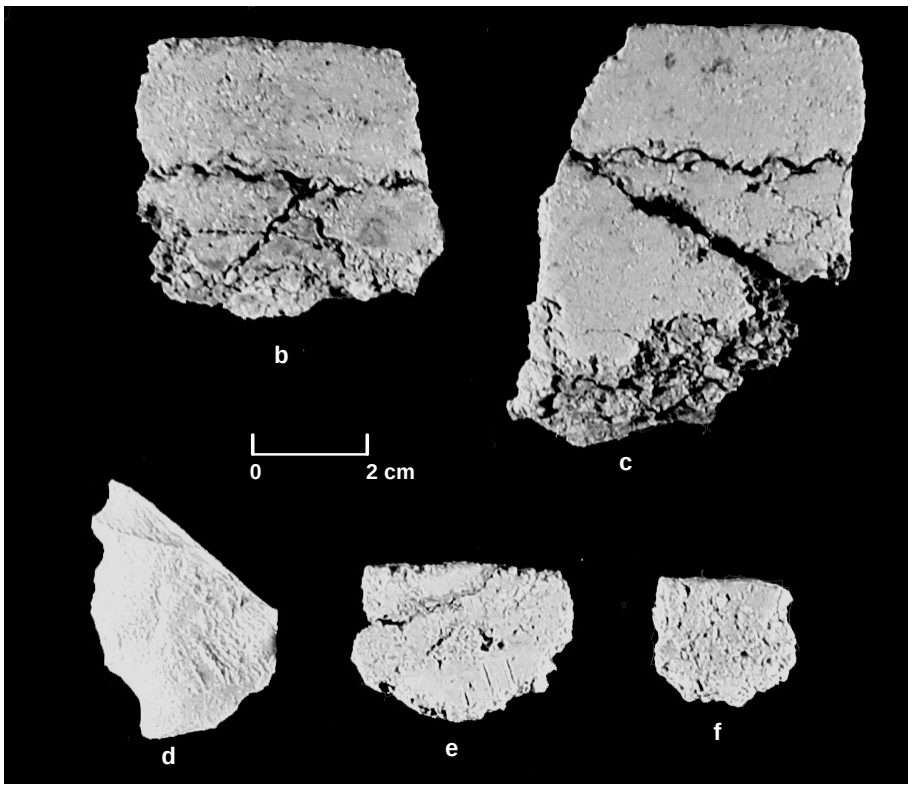


Figure 44 Artifacts from N0/W4. a. Drawing of reconstructed Vessel lot 11. Quad 1: b. Rim sherd from Vessel lot #11 (#57533), c. Reconstructed section of Vessel lot #11 (#57534), d. Fragmentary Lagoon Point (#58027). Quad 4: e. Rim sherd from Vessel lot 13 (#57556), f. Body sherd from Vessel lot 13 (#57555).
Artifacts shown at 1:1.

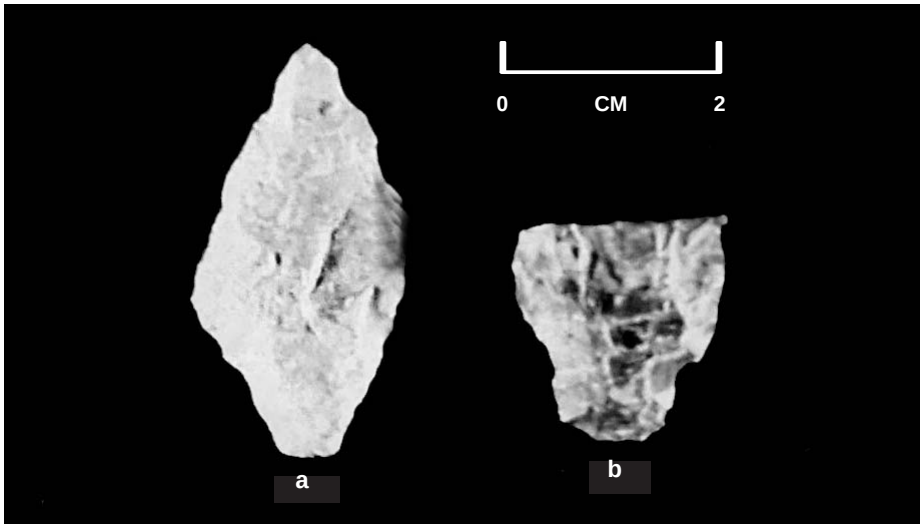


Figure 45 Artifacts From N0/W3. Quad 2: a. Rossville point (#58000).
Quad 3: b. Greene point (#58005).
Artifacts shown at actual size.

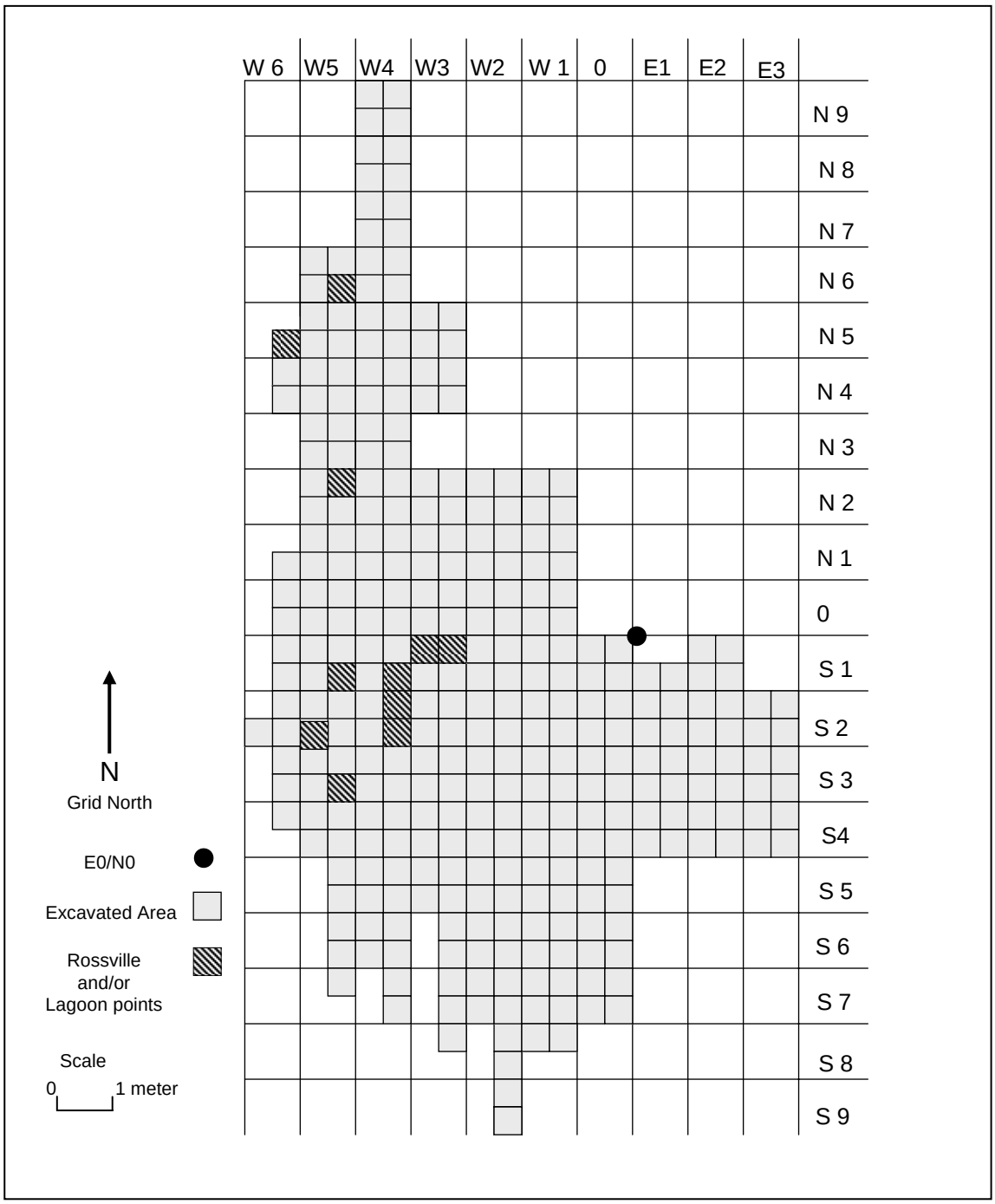


Figure 46 Distribution of Rossville and Lagoon points, Locus 2 (by William Cooney, 2003).

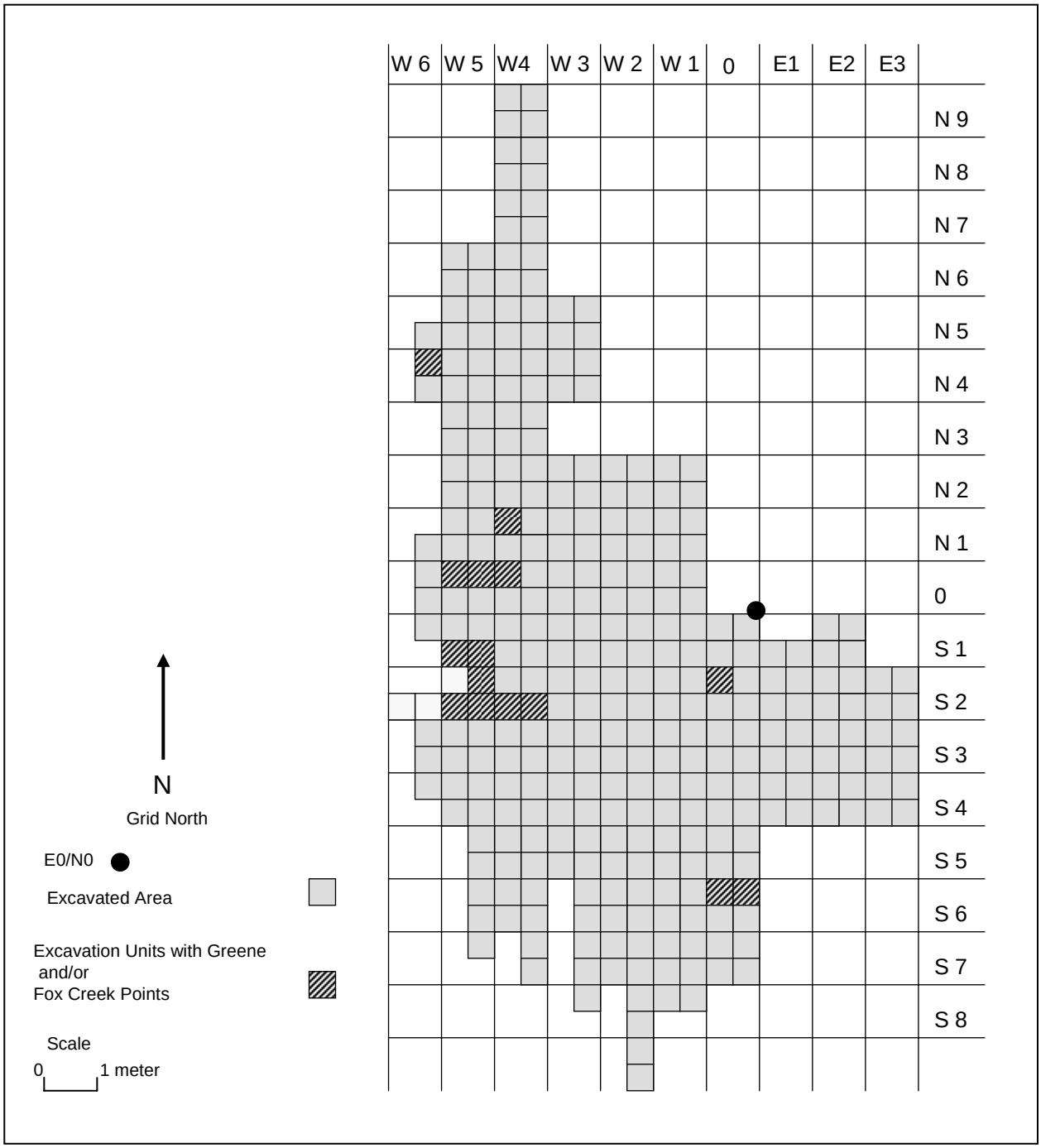


Figure 47 Distribution of Fox Creek and Greene points, Locus 2 (by William Cooney, 2003).

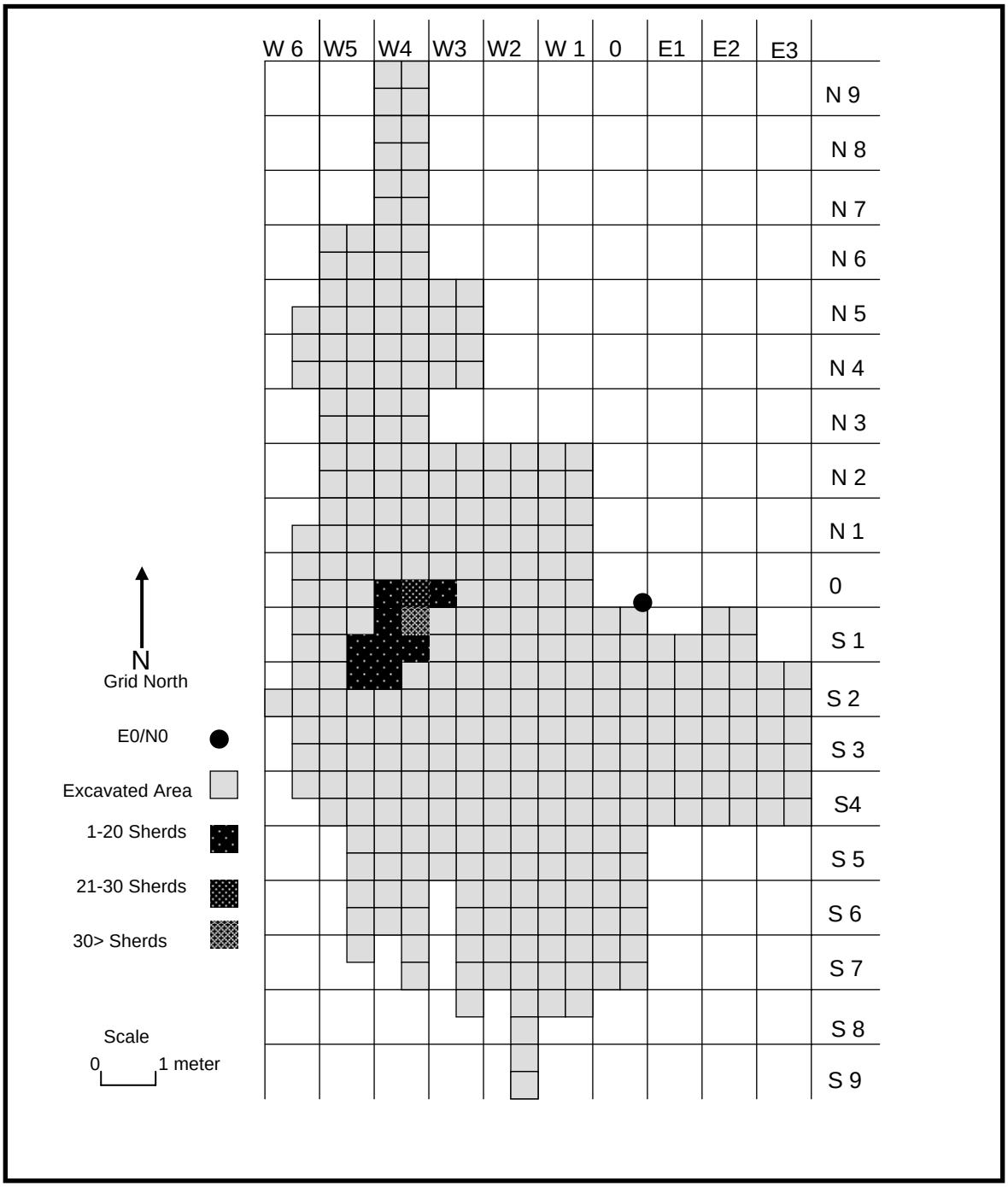


Figure 48 Distribution of Vessel lot #11 (by WIlliam Cooney, 2003).

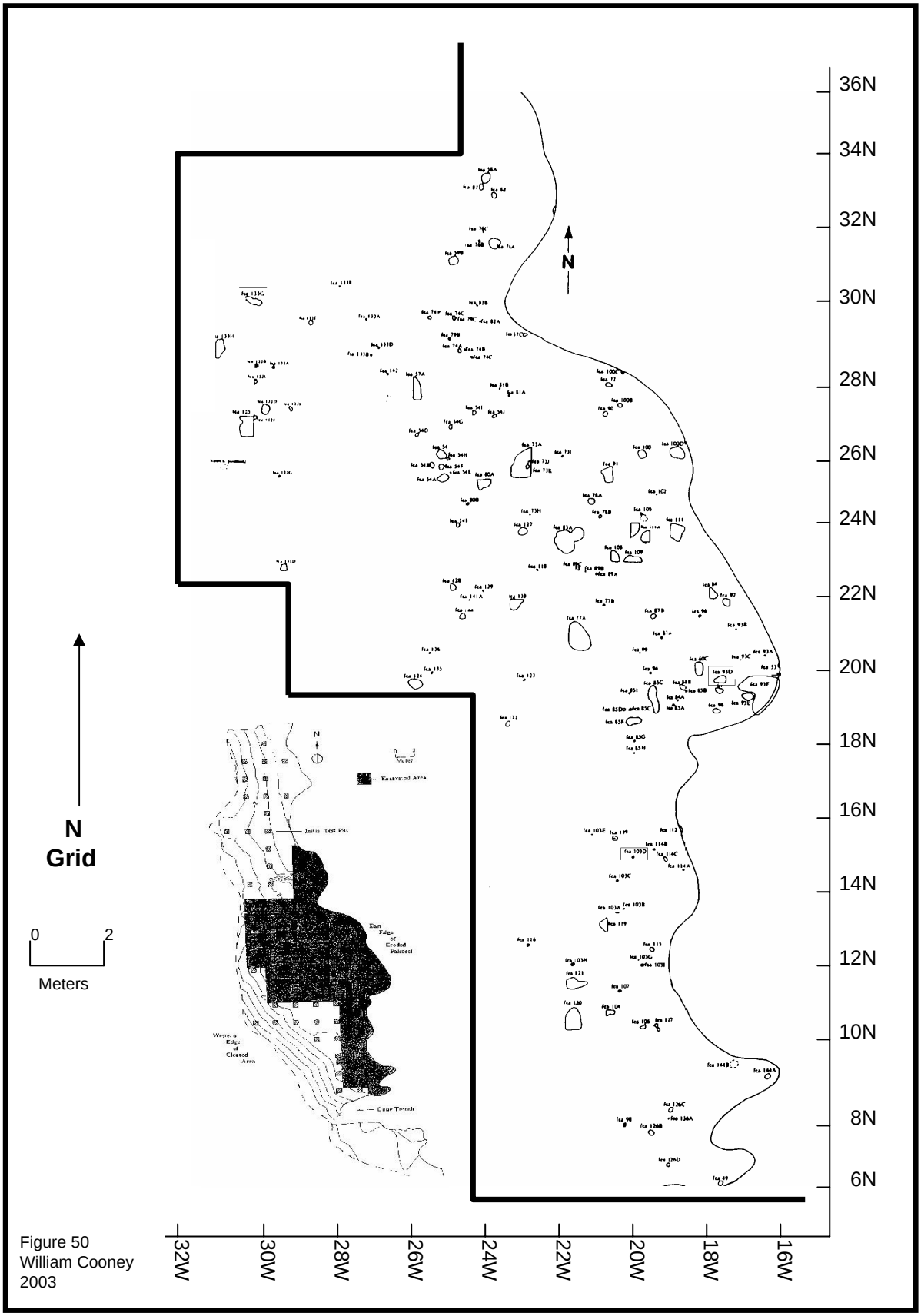


Figure 50
William Cooney
2003

Figure 49 Insert: Plan of Locus 10 excavations. November 1991 - March 1992 (after Stillson, 1994).
Figure 50 Revised plan of Locus 10 excavations with features.

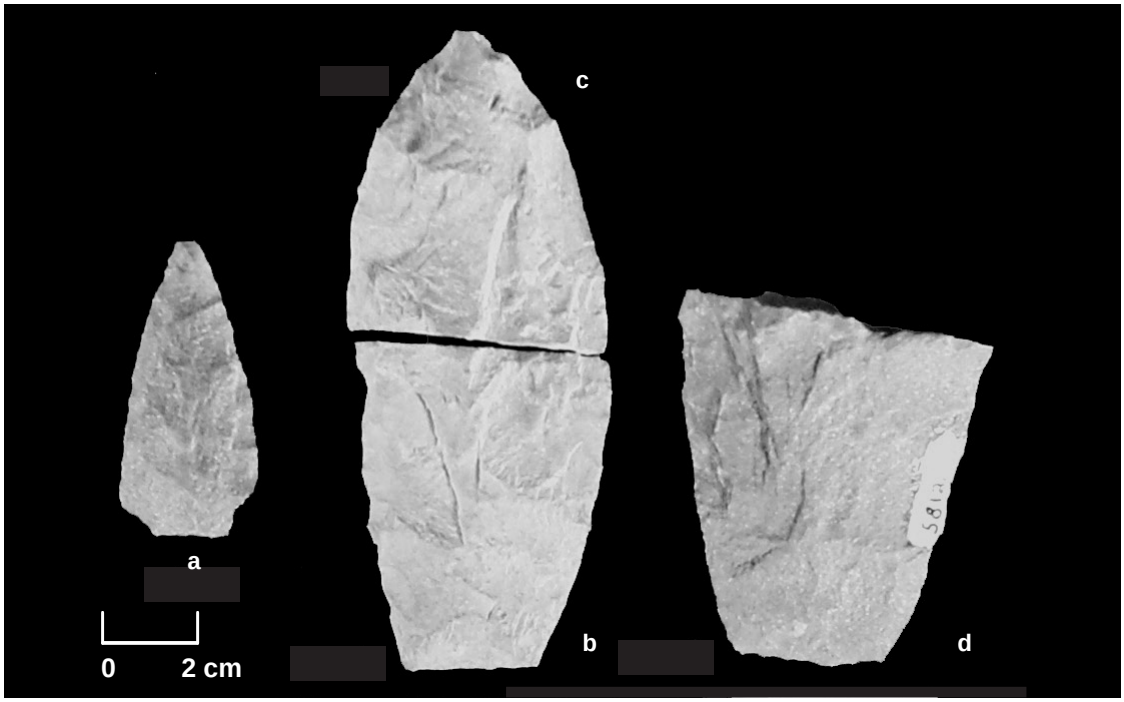


Figure 51 Artifacts related to Features 133G and 93D, Locus 10. a. Lagoon point (#58196), b. Fox Creek point base (#58141), c. Cross-mending Fox Creek point tip (#58142), d. Fox Creek point base (#58128).
Artifacts shown at 1:1.

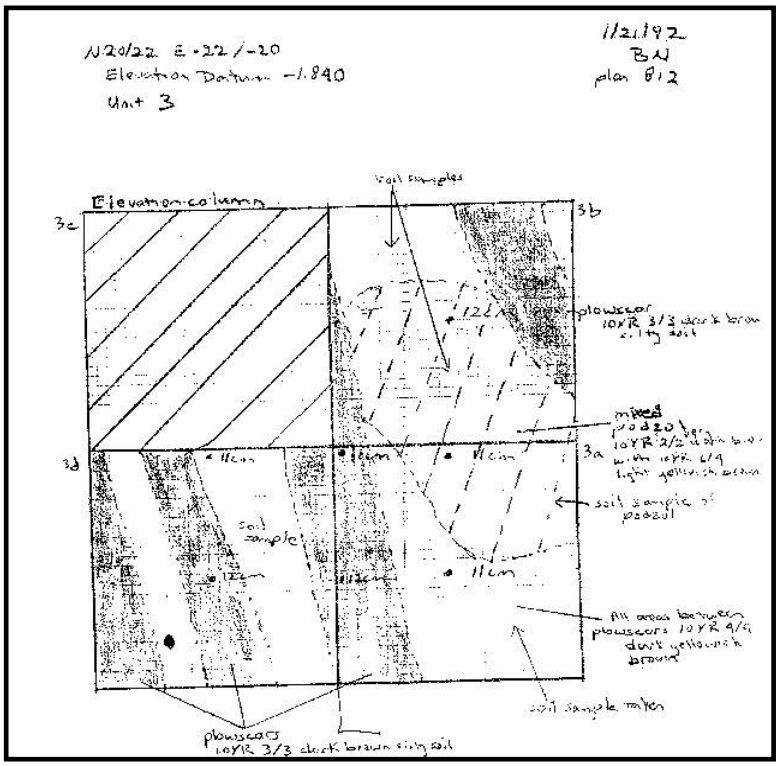


Figure 52 Original field plan of N20/22 W22/20, unit 3, Locus 10, Feature 83A at 14cmbd (by Beth Nelson, January 21, 1992).

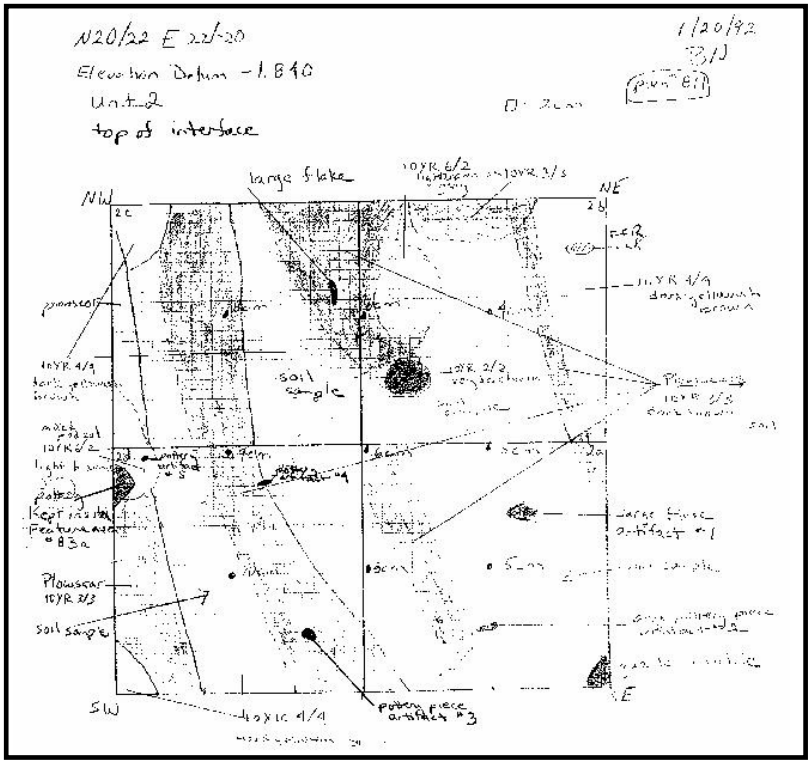


Figure 53 Original field plan of N20/22 W22/20, unit 2, Locus 10, Feature 83A at 14cmbd (by Beth Nelson, January 20, 1992).

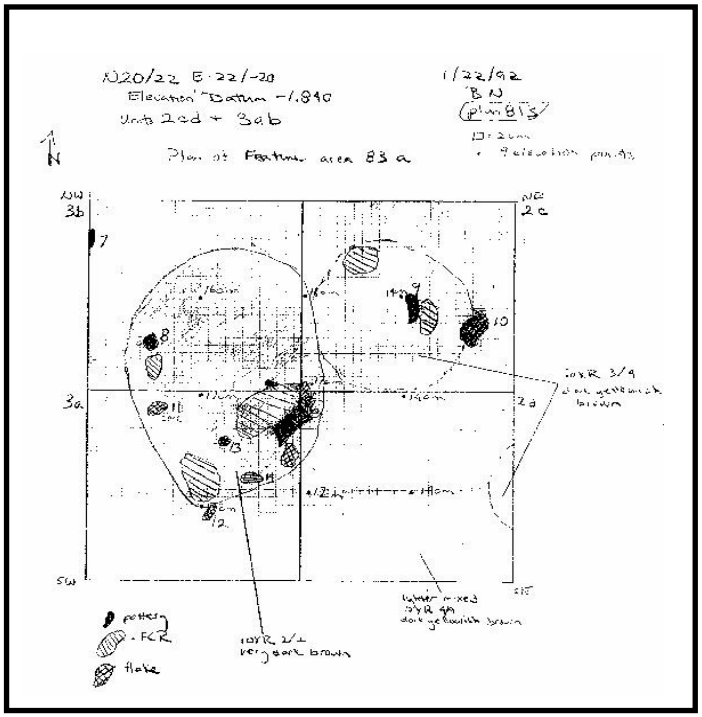


Figure 54 Plan of N20/22 W22/20, units 2cd and 3ab, Locus 10, Feature 83A at 19cmbd (by Beth Nelson, January 22, 1992).

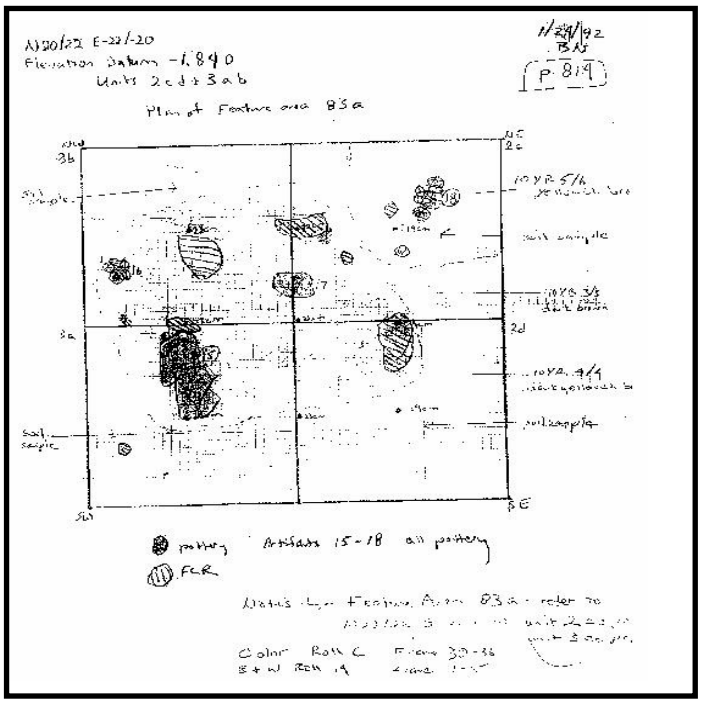


Figure 55 Plan of N20/22 W22/20, units 2cd and 3ab, Locus 10, Feature 83A at 19cmbd (by Beth Nelson, January 24, 1992).

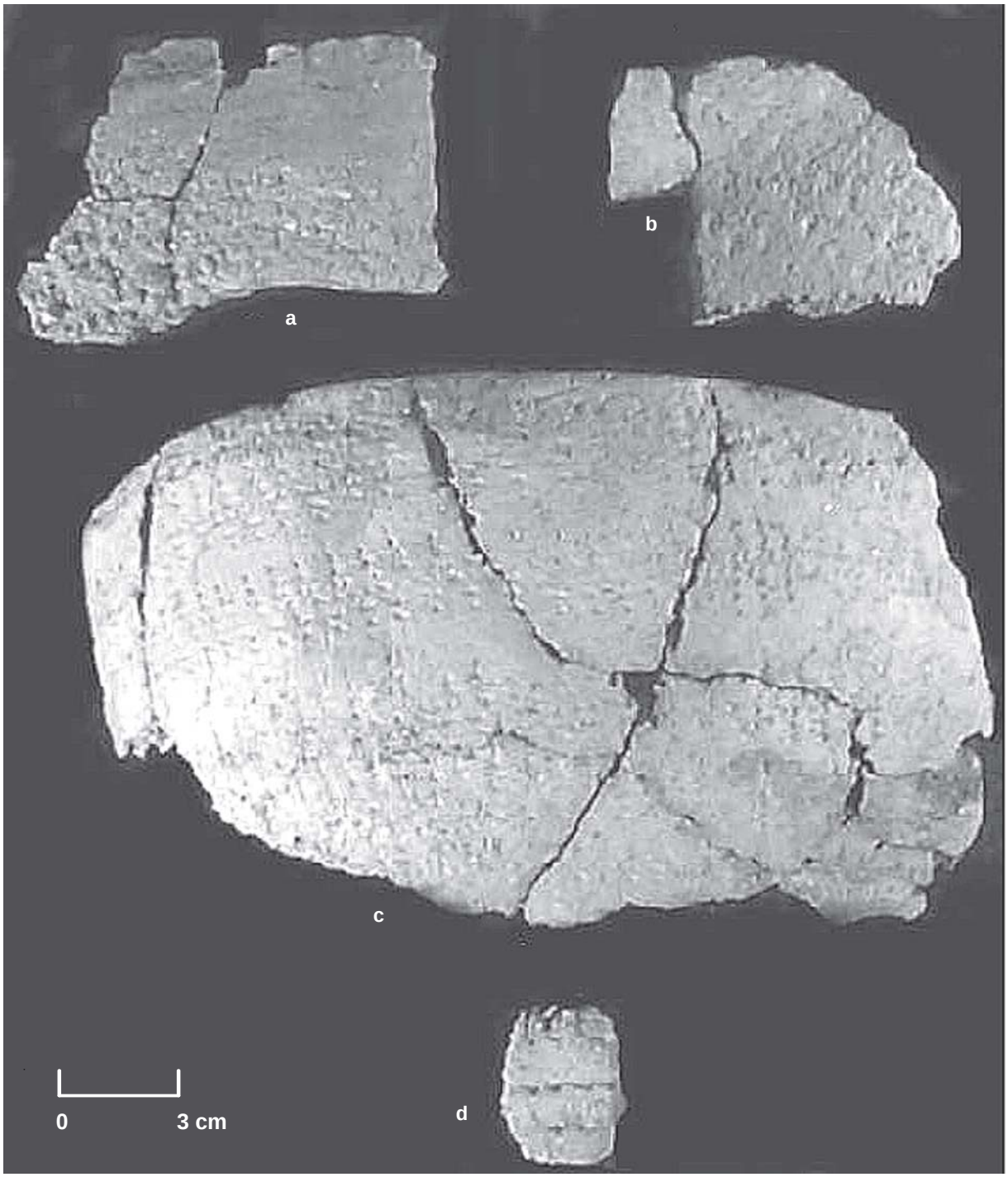


Figure 56 Ceramics from Feature 83A. a. Rim sherd from Vessel lot #14 (#60567), b. Body sherds from Vessel lot #14 (#60570), c. Reconstructed section of Vessel # 15 (#57591), d. Body sherd from Vessel lot #16 (#60580). Artifacts shown at 1:3.

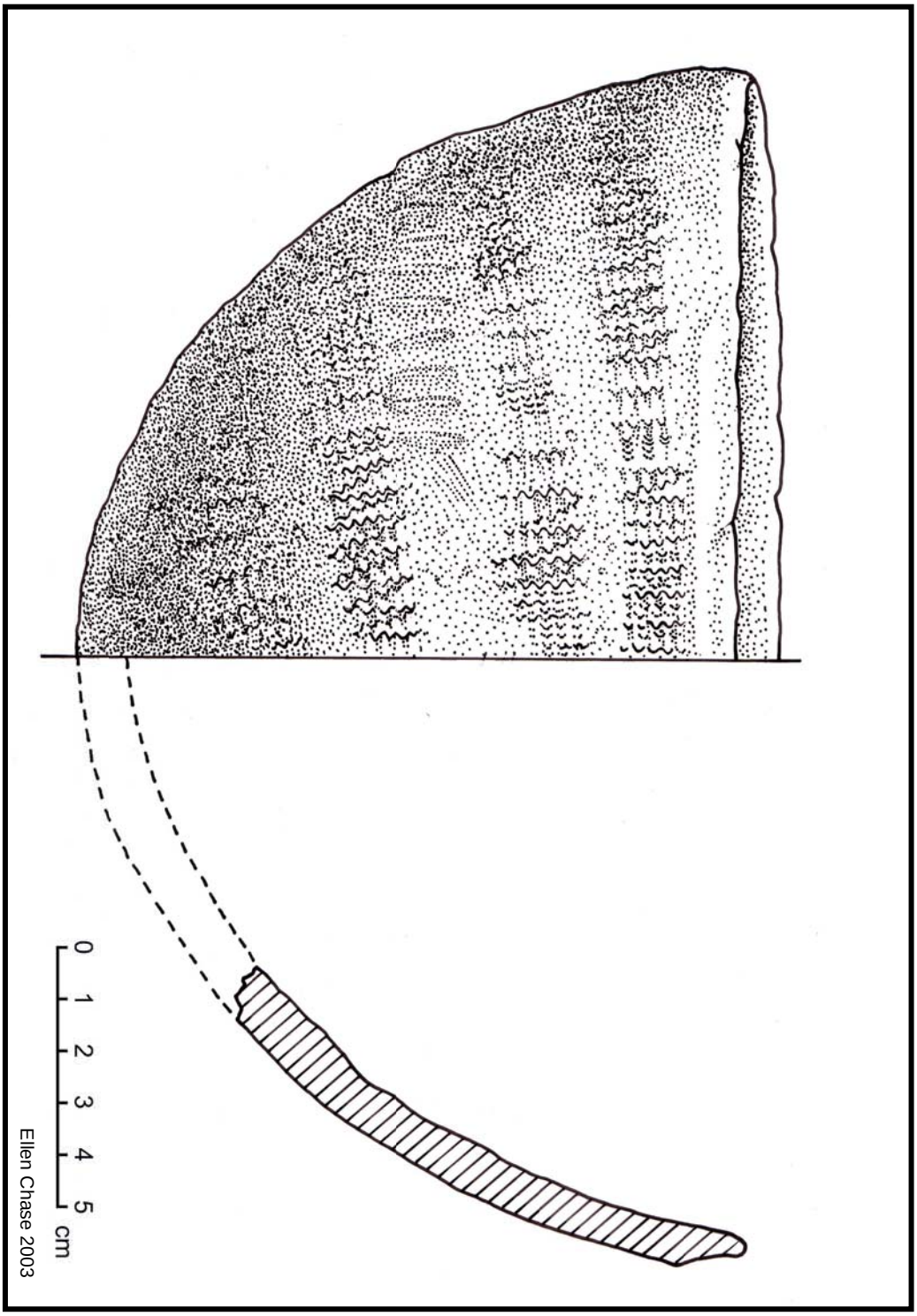


Figure 57 Reconstructed view of Vessel #15.

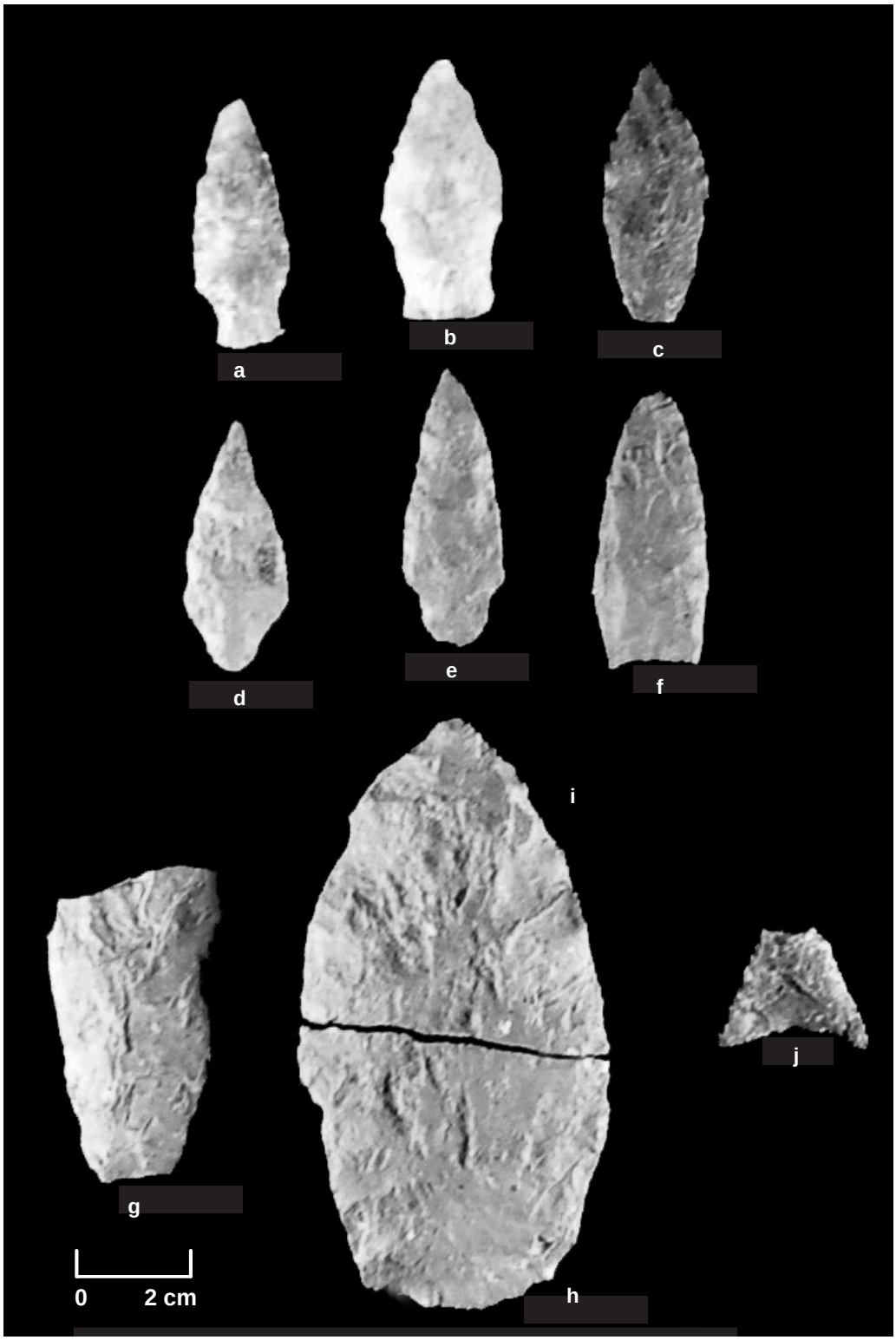


Figure 58 A sample of projectile points from Locus 10. Late Archaic: a. Small stemmed (#58158), b. Cape stemmed (#58159). Early Woodland: c. Lagoon (#58164), d. Lagoon (#58239), e. Lagoon (#58238). Middle Woodland: f. Fox Creek lanceolate (#57131), g. Greene (#58094), h. Petalas base (#58132), i. Cross-mending Petalas tip (#58161). Late Woodland: j. Triangular point.
Artifacts shown at 1:1.

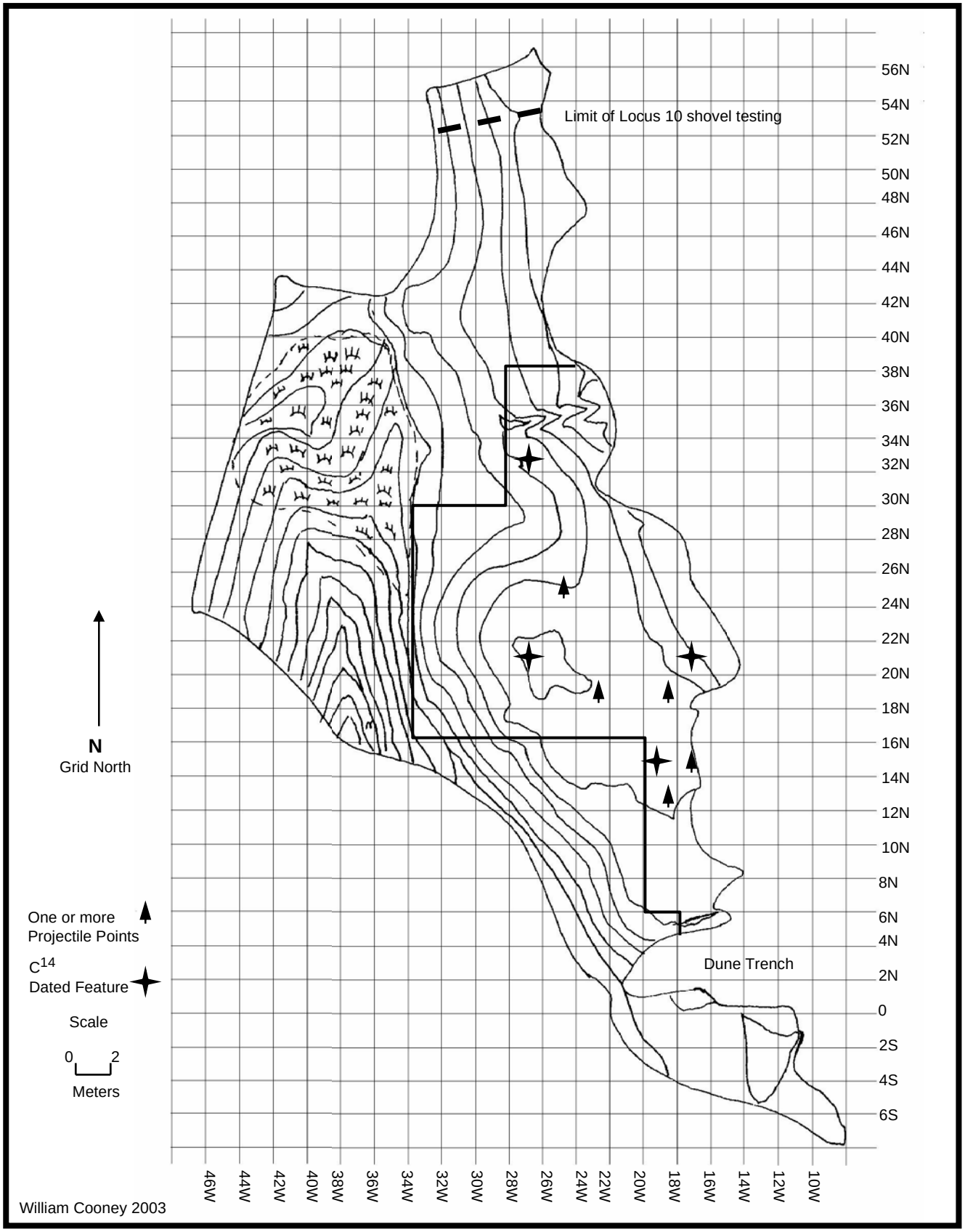


Figure 59 Distribution of Rossville and Lagoon points, plus dated Early Woodland features, Locus 10.

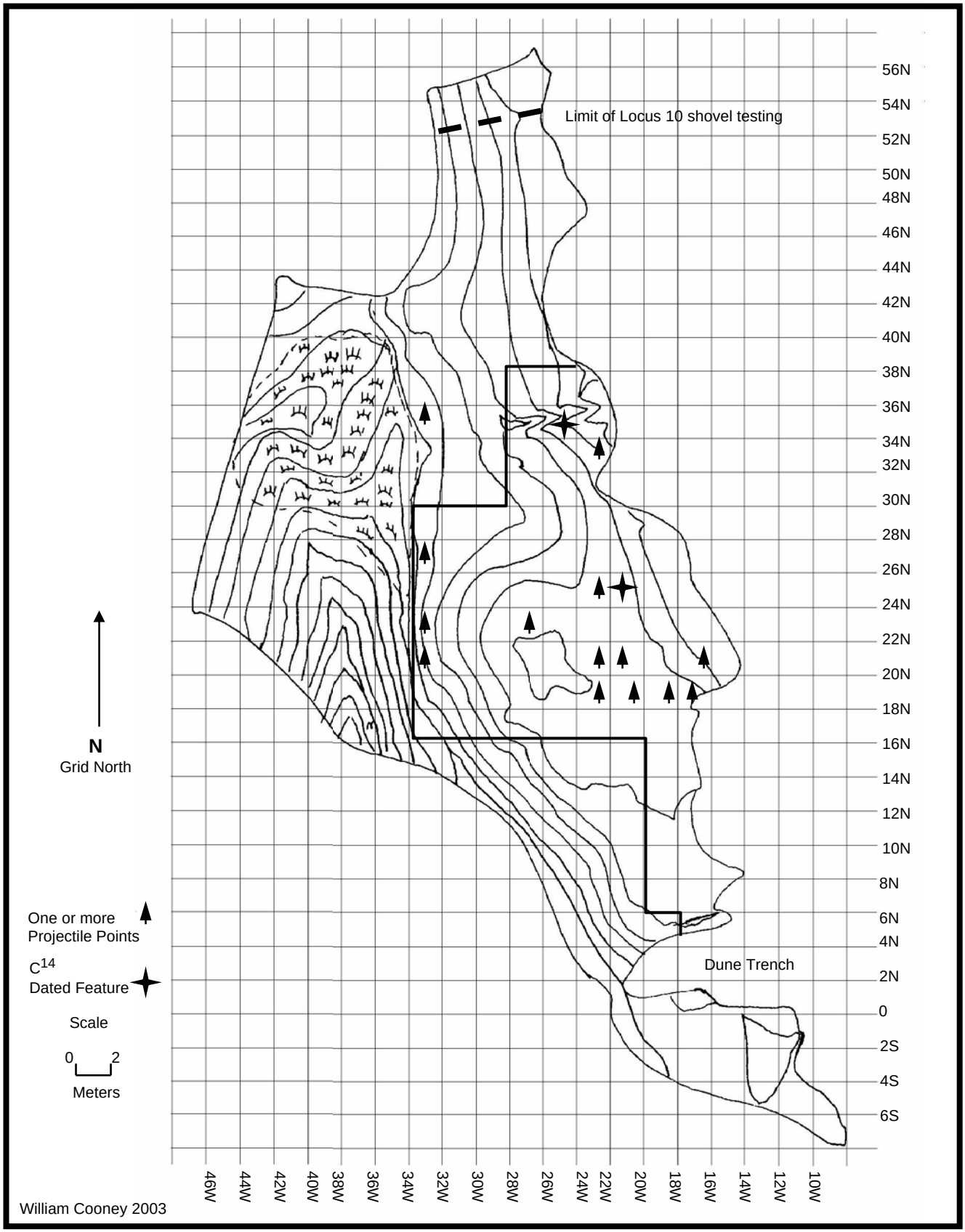
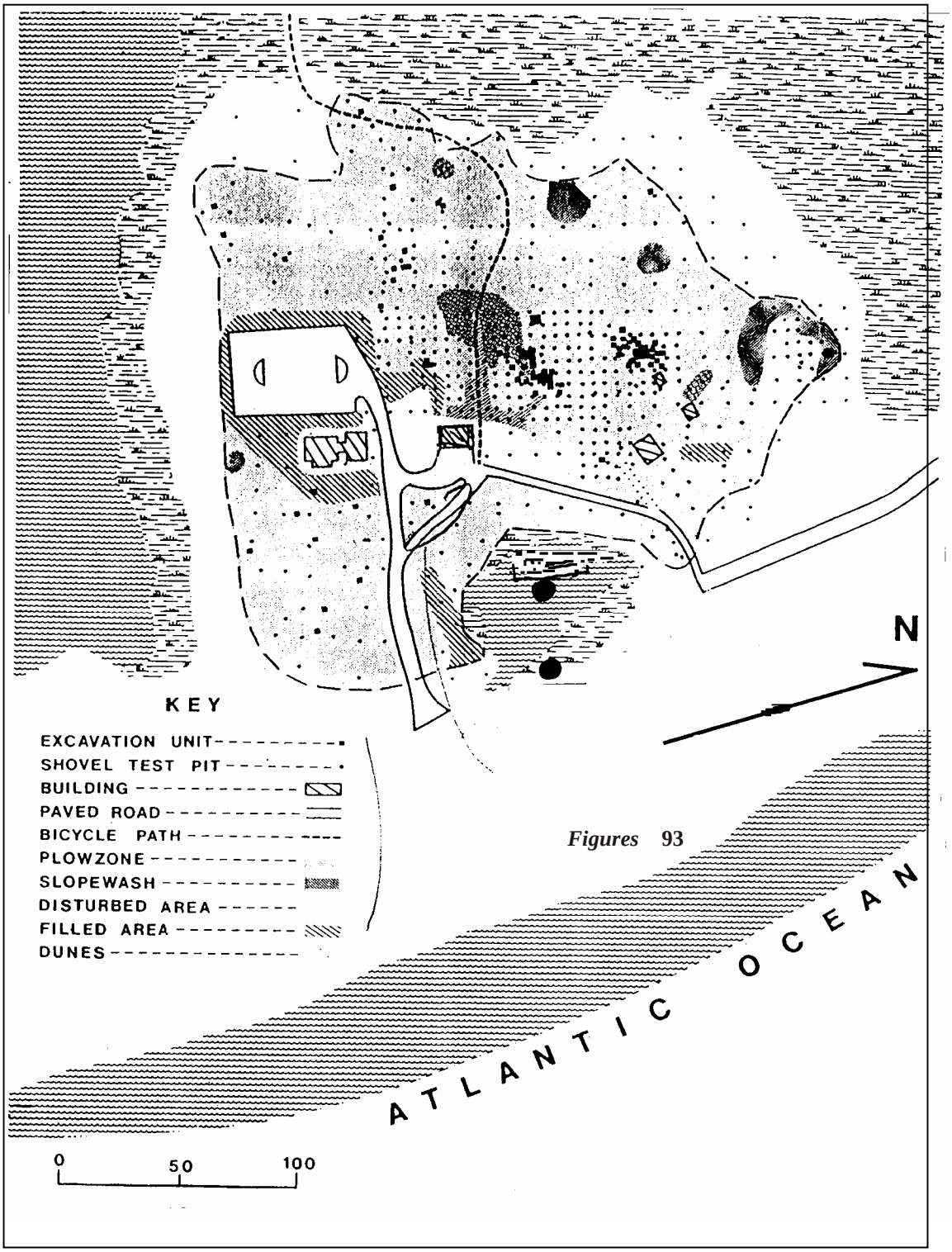


Figure 60 Distribution of Fox Creek and Greene points, plus dated Middle Woodland features, Locus 10.



Figures 93

Figure 61 Map of archeological excavations at Coast Guard Beach, 1979 - 1986 (after Borstel, 1991).

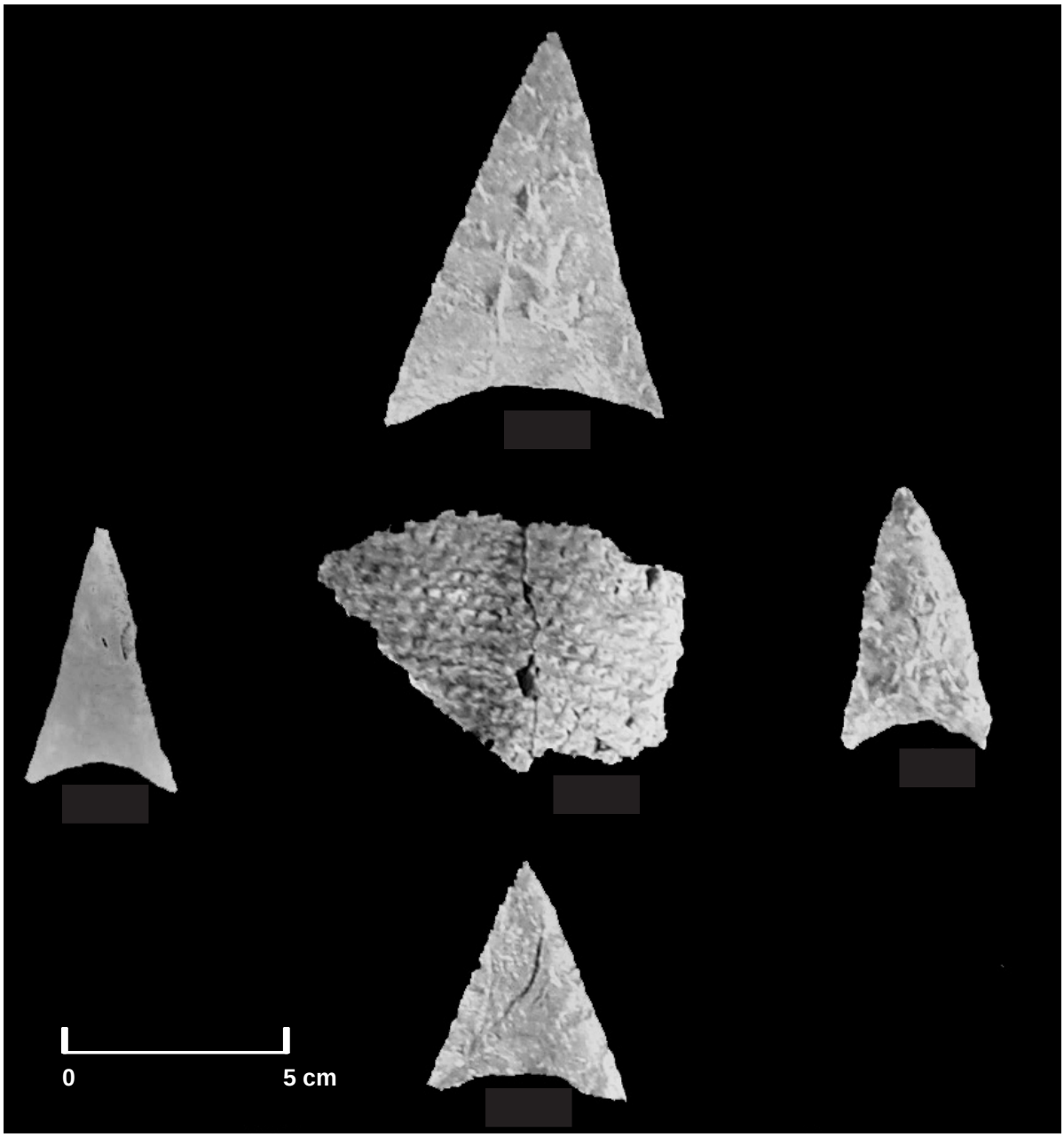


Figure 62 Late Woodland artifacts found by Dan Carns at Coast Guard Hill. Large triangular points, body sherd, shell tempered pottery.
Artifacts shown at 1:1.

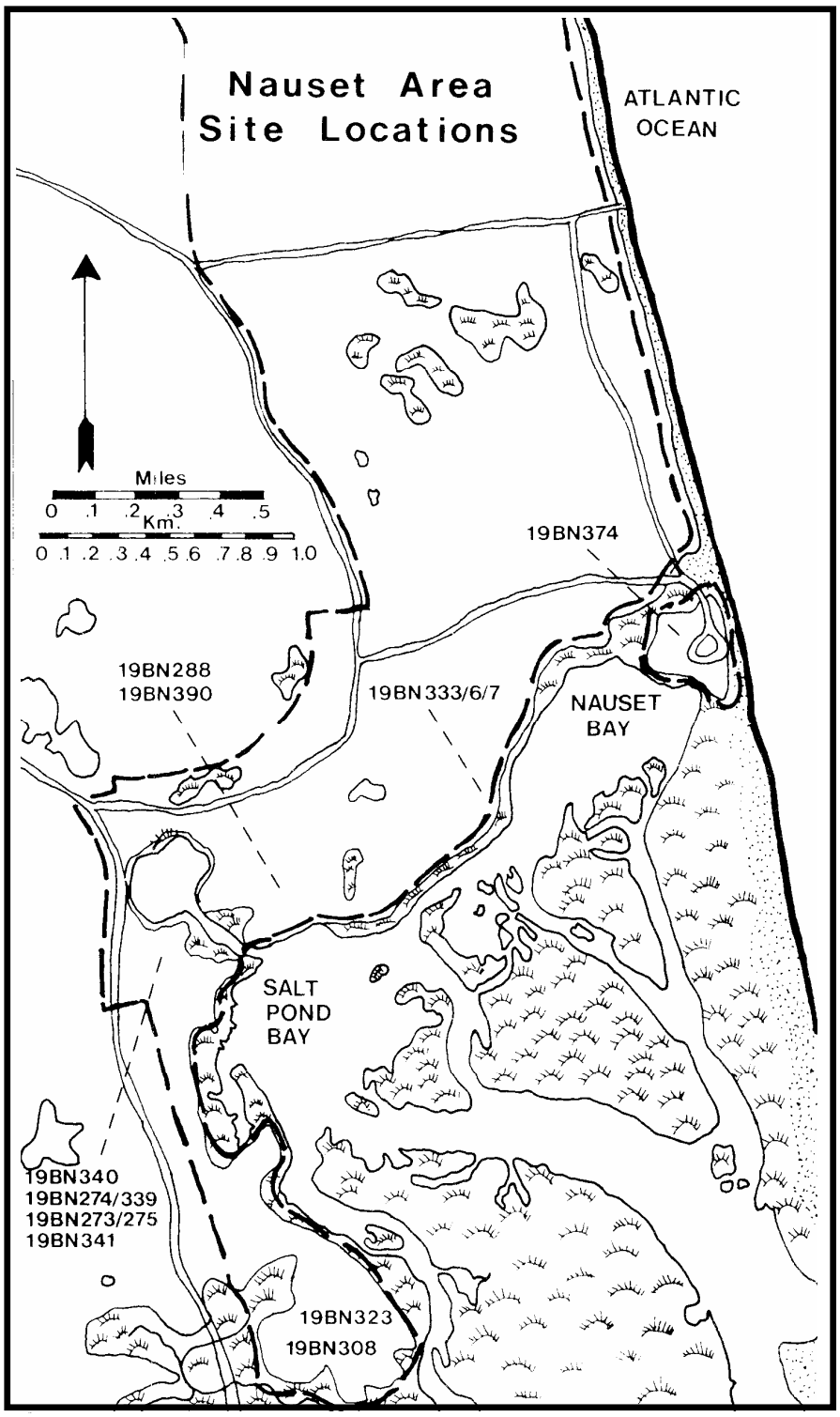


Figure 63 Nauset area site locations (after McManamon, 1984).