Archaeological Salvage Excavation of the Ohituk site (KcFr-3) Ivujivik, Nunavik

Presented to:
Service de l'Environnement
Ministère des Transports du Québec

By:
Avataq Cultural Institute

March, 1989

This document has been translated

by the Avataq Cultural Institute

from the original report prepared

in french by Miss Murielle Nagy

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Personnel

Archaeological salvage excavations were conducted at the Ohituk site between 15 August and 9 September, 1988. The field crew, supervised by Murielle Nagy, archaeologist, and by Robert Bilodeau, assistant archaeologist, was composed of seven Inuit residents of Ivujivik: Moses Ainalik, Qautsaalik Alaku, Ali Audlaluk, Siasi Audlaluk, Tivi Paningajak, Qiyuk Quanaaluk, and Louisa Usuarguk. The Inuit assistants, employed over a period of 18 working-days between 17 August to 9 September, numbered five on a daily basis; two others requested to be released from the project for personal reasons. The crew was assisted from 15 to 19 August by Mr. Denis Roy, archaeologist of the Service de l'Environnement, ministère des Transports du Québec. Mr. Ian Badgley, Resident Archaeologist of the Avataq Cultural Institute, was designated director of the project.

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Summary

This document reports the archaeological salvage excavations conducted by the Avataq Cultural Institute at the Ohituk site (KcFr-3), near Ivujivik, Nunavik. These excavations were necessitated by the active erosion of the locality which, resulting from earlier airport construction work in the village, endangered portions of the site. The project, carried out under contract with the Service de l'Environnement of the ministrère des Transports du Québec, focused accordingly on the rescue of archaeological data threatened by the erosion.

The salvage excavations resulted in the preliminary identification of the cultural affiliation of the three occupation areas defined in the site. Area A contains two occupation layers related to the early phase of the Dorset culture. Although no cultural diagnostics were recovered from the tent ring excavated in Area B, the altitudinal correspondence between this second area and Area A suggests possible Dorset occupation of this structure. Area C, only partially tested due to time limitations, also yielded Dorset material.

Additionally, the almost complete excavation of Area A, the portion of the site most endangered by erosion, produced a large quantity of lithics allowing the detailed analysis of stone tool manufacturing activities. The well-preserved faunal osteological remains collected in this area are also appropriate to analysis of subsistence practices at the site.

Acknowledgments

We wish to express our gratitude to:

- Mr. Peter Audlaluk, Mayor of Ivujivik, and Mr. Adamie Kalingo, Manager of the village, who informed the Community Council of the objectives and progress of the excavations. Also, Mr. Audlaluk was involved in the selection of Inuit field assistants while Mr. Kalingo acted as interpreter in meetings with the council;

- Mrs. Kaudjak Tarkik and her family for their warm welcome and accommodation of the archaeologist and assistant archaeologist;

- Mr. Denis Roy, archaeologist of the Service de l'Environnement of the ministère des Transports du Québec for his assistance in the excavations and for his guided tour of the principal archaeological sites located at Ivujivik;

- the ministère des Transports du Québec which graciously provided air travel for crew members from Quebec City to Ivujivik;

- Mrs. Lisi Paningajak who, besides working in the excavations, daily prepared tea and bannock daily for the crew;

- Mr. Robert Bilodeau, assistant archaeologist, and all of the Inuit assistants: Moses Ainalik, Ali Audlaluk, Tivi Paningajak, Qiyuk Quanaaluk, Siasi Audlaluk and Louisa Usuargok, for their careful and professional excavation work.

- Suzie D'Ambroise and Ginette Savard, as well as her son, Joska, who voluntairly worked as excavators in the site on 2 September.

The Avataq Cultural Institute gratefully acknowledges the contributions of all of the above to the present archaeological project.

1.0 Introduction

The present report concerns the archaeological salvage of the Ohituk site (KcFr-3), at Ivujivik, Nunavik (Fig. 1). This project was carried out by the Avataq Cultural Institute under contract with the ministère des Transports du Québec. Its principal objective was to systematically excavate Area A, a partially eroded portion of the site threatened by further erosional disturbance. Less exhaustive excavations were also planned in areas B and C of the site, in order to evaluate the archaeological potential and to determine the cultural affiliation of the occupations in these areas.

Following a description of the mandate and the excavation methodology, the work executed in the different areas of the site is presented in three separate sections. The results of the salvage excavations in the three areas are summarized and described in detail in these respective sections. Preliminary interpretations of the cultural affiliation and of the nature of the prehistoric occupations of the areas are then presented. Finally, recommendations are forwarded for the analysis of the archaeological material recovered from the site. The report is completed by seven appendices including, among others, lists of field photographs and catalogues of the archaeological objects collected from the salvage excavations.

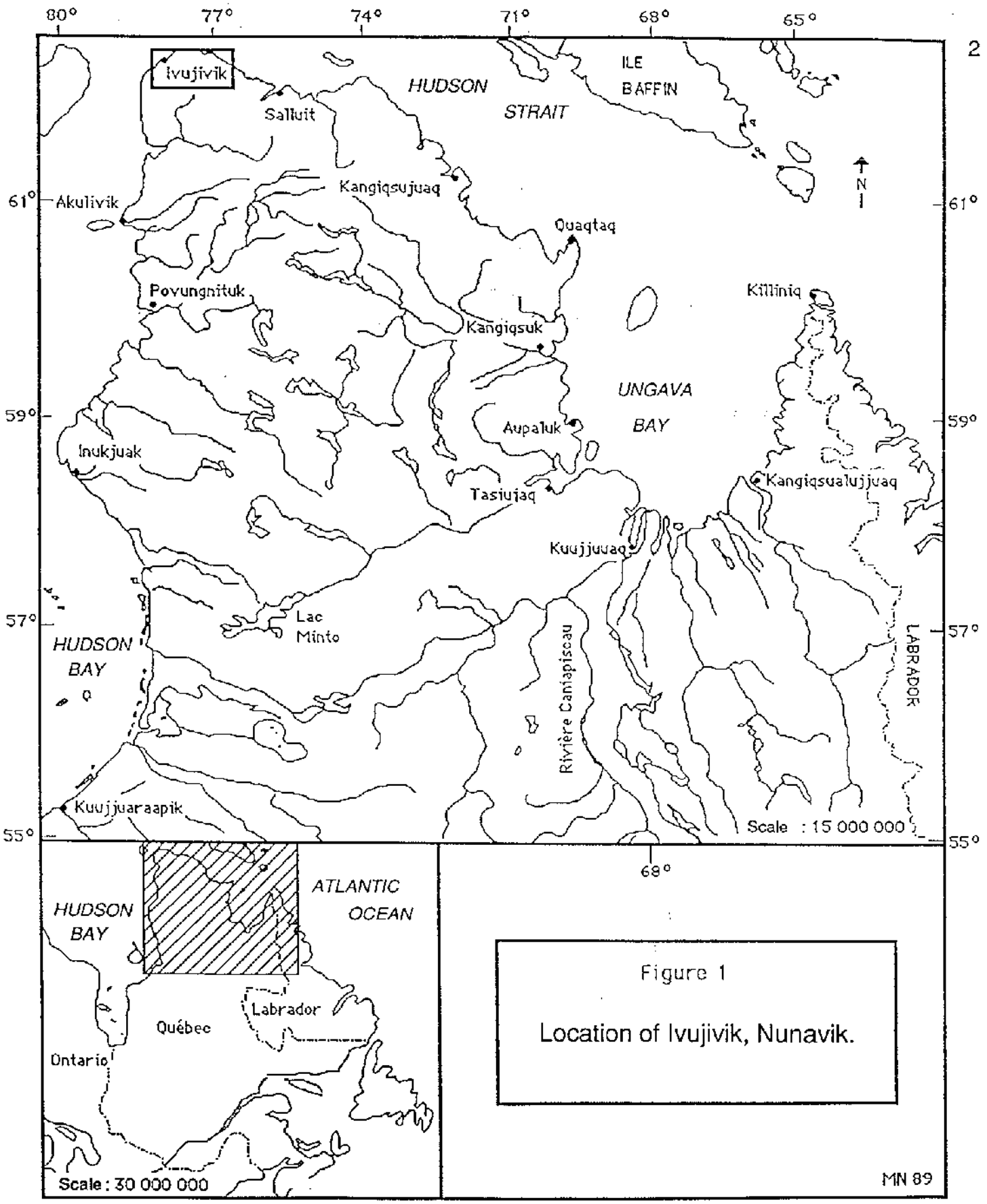


Figure 1

Location of Ivujivik, Nunavik.

2.0 Mandate

In April, 1988, the Service de l'Environnement of the ministère des Transports du Québec contracted the Avataq Cultural Institute to carry out archaeological salvage excavations at the Ohituk site (KcFr-3). This prehistoric site is located on the northwest coast of the Ivujivik Peninsula, Ivujivik.

The salvage project, emergency in character, was engendered by the active erosion of the site and, accordingly, was oriented toward the rescue of heritage data threatened by this erosion. It was also oriented toward the collection of data from other areas of the site in order to better document the nature of prehistoric occupations of the Ivujivik region in general.

The principal aspects of the mandate are as follows:

1. to intensively surface-collect the three occupation areas defined in the Ohituk site;
2. to completely excavate the portions of Area A endangered by erosion;
3. to excavate habitation structures and inter-structural zones in Area B as well as part of Area C;
4. to systematically sample other zones in the three areas;
5. to produce a progress report;
6. to produce a final report.

3.0 Methodology

3.1 Orientations and Objectives

The salvage excavations were organized in terms of the results of the 1984 archaeological inventory of the site sponsored by the ministère des Transports du Québec (Aménatech, 1985). The inventory information allowed evaluation of the project's duration and estimation of the extent of the excavations to be undertaken in the three areas. The principal objective of the excavations was to rescue endangered cultural data.

3.2 Community Consultation

The Community Council of Ivujivik was informed by the Avataq Cultural Institute in April, 1988, of the possibility of a salvage excavation project at the Ohituk site. At that time the council was advised of the objectives and scope of the suggested excavations and requested to select local residents for project personnel.

During the first week of field work, Murielle Nagy, crew chief, and Denis Roy, archaeologist of the ministère des Transports du Québec, met with the council in order to explain the excavation and the project's objectives. Afterwards, members of the council and the community visited the site during excavation. Guided tours of the site in Inuktituk, French and English were also provided to the students of the Ivujivik elementary school.

3.3. Excavation Methods

Excavation methods, organized so as to maximize data recovery, were as follows:

3.3.1. Site Gridding

Excavation in each of the three areas was preceded by the installation of a metric grid system covering the whole of the area concerned. A common reference point (0-0) was established for areas A and B. An arbitrary "North" base line (oriented 45° east of Magnetic North) and east line (oriented 90° to the former) were divided into intervals of 1m. The northwest coordinates of the intersecting interval lines served as designation for the resulting square metres. For example, square metre N8E10 is situated 8m north and 10m east of the reference point 0-0. A similar but independent grid system oriented toward Magnetic North was installed from a second reference point in Area C. Test pits in this area were designated by alphabetical letters.

The grid system was installed using an electronic theodolite, a compass, and surveyor's chains. Other datum points were established, particularly in areas A and B, in order to record the depth-below-surface of archaeological objects and the elevation of the environmental characteristics of the site.

3.3.2. Sampling Techniques

Inspection of the three areas indicated that surface-collecting would be inappropriate to the purposes of the project. In order to determine the limits of Area A, test pits measuring 50 x 50 cm were excavated at the western and southern extremities of the

area; these test pits allowed excavation zones to be delineated. A tent ring almost completely excavated in Area B yielded no artifactual material. In view of this absence, only two of the other three habitation structures identified in this area were partly excavated. As well, only a limited number of 50 x 50 cm test pits were executed in Area C. A screen of small mesh was used in the collection of a large flake concentration this area.

3.3.3. Data Registration Techniques

Waste flakes resulting from lithic tool manufacturing, faunal remains, and historic manufactured goods were collectively registered according to quadrant and cultural level. Alternately, the north and east co-ordinates and depth below the surface were individually recorded for each worked or used lithic and organic specimen. A plan was prepared for each excavation unit indicating the location of all cultural objects. These plans are accompanied by comments regarding the texture and colour of the soil and the presence or absence of fire-cracked rocks.

Excavation plans were also prepared for each of the areas. These plans illustrate the principal physical characteristics of the area concerned, the location of cultural features, earlier disturbance and the totality of excavated zones. Stratigraphic profiles scaled to 1:10 were drawn for each area.

The various phases of the excavation, the environnement of the site, cultural features, and several in situ artifacts were photographed in colour, black and white, and slides. The list of these photographs are presented in appendices 1 through 3.

4.0 Summary Description of the Site

4.1 Location and Extent

The KcFr-3 site is located in the northern section of a small valley, roughly 800m northwest of the village of Ivujivik, at (Fig. 2, Photo 1). The site is composed of three occupation areas, designated A, B and C, covering a combined total of 635m^2. Areas A and B occupy the southwestern and southeastern sections of the site. These areas, both situated at 23 m.a.s.l., are 400m^2 and 160m^2 in extent respectively. Area C occurs on a raised beach approximately 100m to the north. It covers 75m^2 and is 16m in altitude (Photo 8).

Area A comprises the portion of the site most threatened by ongoing erosion. On the other hand, Area B is removed from the direct influences of this erosion while Area C is subject only to the re-deposition of eroded sediments.

4.2. Earlier Site Data

4.2.1. Structures

Four habitation structures were identified in Area B during the 1984 archaeological inventory of the KcFr-3 site (Aménatech, 1985). These habitations comprise one circular and three bilobate tent rings containing mid-passages. While the circular tent ring was easily relocated in 1988, the other three were more difficult to distinguish. In fact, the existence of Structure D (designated Structure 3 in the present text) remains ambiguous.

4.2.2. Artifact Collections

The Ohituk site was discovered and partly excavated by Dr. W. E. Taylor Jr. in 1959 (Taylor, 1962). These brief excavations, carried out in Area C, yielded the following objects (Taylor, personal communication, June, 1988):

- 1 quartzite burin spall
- 2 chert burins
- 9 microblades (1 in quartz and 8 in chert)
- 2 point fragments in chert
- 1 burin-like tool fragment in nephrite
- 3 cores (1 in quartz and 2 in chert)
- 3 chert biface fragments
- 1 lance fragment
- 1 used flake
- 193 waste flakes (mostly in chert and including quartz and schist)
- 2 needle fragments

This collection is stored at the Archaeological Survey of Canada in Ottawa, Access Number 1422.

Test pits excavated in areas A and B in 1984 were negative. However, 2 microblade fragments and 53 waste flakes in chert were surface-collected in the eroding zone of Area A (Aménatech, 1985).

Figure 2. Location of the Ohituk site (KcFr-3), Ivujivik, Nunavik.

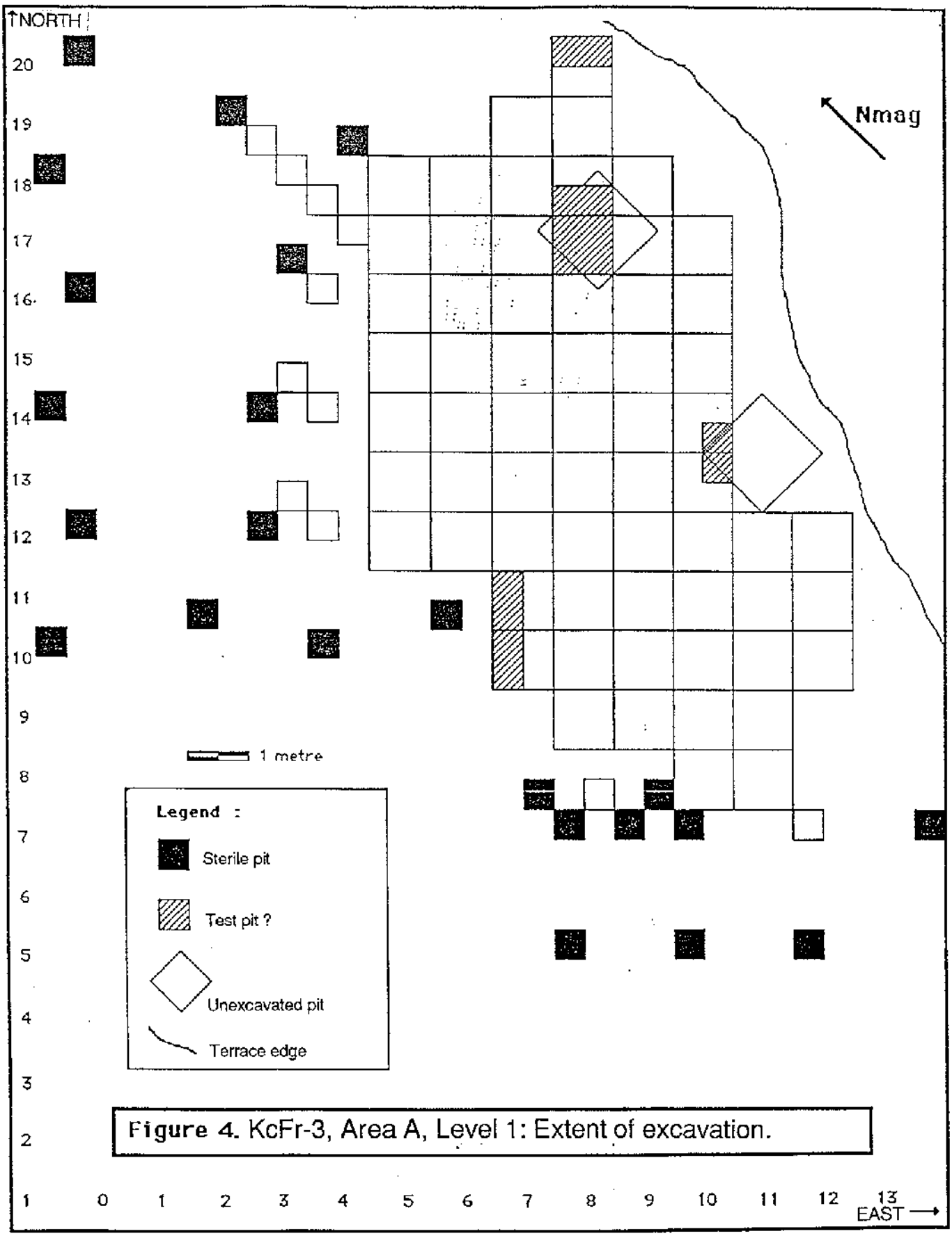


Figure 4. KcFr-3, Area A, Level 1: Extent of excavation.

4.3 Physical Integrity

Active erosion of the northern limit of Area A was noted during the 1984 inventory. This erosion consisted of slumping along approximately 30m of the 23m terrace west of the stream. A number of small flakes and several bone fragments were observed on the surface of this zone.

Erosion in Area A had been influenced by a temporary increase in stream outflow resulting from the draining of a lake south of the site. This lake was drained for work related to the construction of the new airport in the village. Following the completion of this work, a gravel retaining dyke was constructed at the stream inlet so as to regenerate the lake. However, during an inspection tour in 1986, Mr. Denis Roy of Transport Quebec noted that the dyke had been unsuccessful and had contributed to the acceleration of erosional processes in parts of the site.

Later observations in 1988 showed that erosion in Area A had increased in amplitude and threatened this portion of the site with further destruction. In contrast, the boulder field occupied by Area B, somewhat removed from the stream, was unaffected by erosion. While Area C also does not appear to be in any immediate danger, the naturally eroded contour of the raised gravel beach and the presence of the stream on the western extremity of the area could possibly contribute to the disturbance of this part of the site.

5.0 Activities

5.1 Excavated Zones

Primarily field observations indicated that: 1. the extent of the excavation zones proposed in areas B and C had been overestimated (see Table 1); 2. the nature of the surface deposits in all three areas tended to preclude surface-collecting. Accordingly, excavation activities were concentrated in Area A, the most immediately threatened and, as assessed, most important occupation area in the site. These excavations were directed by the crew chief, who also mapped areas A and B. The assistant archaeologist carried out limited excavations and test-pitting in areas B and C. Although time limitations did not permit the intensive sampling of the latter areas, the results obtained suggest that both are of low archaeological potential.

5.2 Activities Calendar

Field activities, carried out between 15 August and 10 September, 1988, are summarized as follows:

Monday, 15 August

- arrival in Ivujivik at 7:30 p.m. of Murielle Nagy, Robert Bilodeau, and Denis Roy

- following welcome by the major, Peter Audlaluk, the Ohituk site is visited

Tuesday, 16 August

- meetings with the mayor and with the manager of the village, Adamie Kalingo

- installation of grid system in Area A of the site

- late evening meeting with the Inuit assistants in order to explain the project, excavation methods, work schedule, etc. (Inuktituk translation was provided by Markussi Alaku)

Wednesday, 17 August

- beginning of excavations in Area A, Level 1

Thursday, 18 August

- excavation in Area A, Level 1

Friday, 19 August

- excavation in Area A, Level 1

- afternoon meeting between the crew chief, the ministère des Transports archaeologist, and the community council

Saturday, 20 August

- excavation in Area A, Level 1

22 - 27 August

- excavation in Area A, Level 1

- test-pitting carried out in order to determine the limits of Area A

29 August - 1 September

- excavation in Area A, Level 1

- excavations begun in Area B

2 - 7 September

- excavation of Level 2 in Area A and continued work in Area B

8 - 9 September

- continuation of Level 2 excavations in Area A

- Area C test-pitting

Table 1. Extent of Excavations in the Ohituk site (KcFr-3)

Area	Number of m^2 Proposed	Extent of Excavations m^2	Test Pits (50 x 50 cm)	Total Excavated (m^2)
A	60	60	34	68.5
B	140	15	0	15.0
C	52	0	6	1.5
TOTAL	252	75	40	85.0

6.0 Excavation Results

A total of 85m^2 was excavated in the Ohituk site, comprising: 60m^2 and 34 test pits in Area A; 15m^2 in Area B; 1.5m^2 in Area C.

These excavations yielded 5714 lithic objects, including 281 worked or used specimens (Table 2). The latter represent less than 10% of the assemblages recovered in each of the respective areas (Table 3). Of the 5560 objects recovered in Area A, 3936 are in chert, 759 in milky quartz, and 528 in hyalin; small quantities of quartz crystal, metabasalt, quartzite, slate, nephrite, and granite also occur in the collection. All objects collected in Area B are in chert. The predominant raw material in Area C is milky quartz (N = 76), followed by chert (N = 34) and several specimens in hyalin.

Excavations in Area A produced a number of worked bones and numerous faunal osteological remains. A single bone fragment was retreived in Area B and several others from one of the Area C test pits. Charcoal samples were collected in areas A and B.

6.1. Area A

Area A is situated in southwestern section of the Ohituk site. It occupies a marine terrace composed of sand-gravel overlain by a layer of humus varying in thickness from 5 to 10 cm. Two excavated squares observed in the area during the 1984 inventory of the site were interpreted at that time as geotechnical test pits. Both measure 1.28 x 1.28m and are oriented toward magnetic North (see "Test pits?",

Table 2. Summary of Lithic Specimens recovered from KcFr-3

	Area A				Area B		Area C
	Level 1	Level 2	Test Pits	Sub-total	Tent Ring	Inter-structural Zones	Test Pits
A. Worked or Used Objects							
Biface fragments	8	9	0	17	0	0	0
Burin spalls	4	2	0	6	0	0	0
Burin-like tool spalls	1	2	0	3	0	0	0
Knifes	6	7	0	13	0	0	3
Polished knives	3	1	0	4	0	0	0
Retouched flakes	9	3	1	13	1	0	0
Used flakes	1	0	0	1	0	0	0
Polished tool fragments	3	5	0	8	0	0	1
End scapers	0	2	1	3	0	0	0
Blades	1	3	0	4	0	0	0
Microblades	115	55	3	173	0	0	2
Points	8	6	0	14	0	0	2
Burin-like tools	3	6	0	9	0	0	1
Side scrapes	1	0	0	1	0	0	0

Uniface fragments	0	1	1	2	0	0	0
Sub-Total	163	102	6	271	1	0	9
B. Debitage							
Waste flakes	3547	1706	20	5273	37	0	107
Flake cores	6	1	0	7	0	0	0
Microblade cores	8	1	0	9	0	0	0
Sub-Total	3561	1718	20	5289	37	0	107
Total	3724	1810	26	5560	38	0	116

Table 3. Frequency and Percentage Distribution of Lithic Specimens recovered from KcFr-3

A. FREQUENCY (N)

	Area A			Area B	Area C
	Level 1*	Level 2	Total	Tent Ring	Test Pits
Worked or Used Objects	169	102	271	1	9
Debitage	3581	1710	5289	37	107
Total	3750	1810	5560	38	116

B. PERCENTAGE (%)

	Area A			Area B	Area C
	Level 1*	Level 2	Total	Tent Ring	Test Pits
Worked or Used Objects	4.5	6.0	4.9	3.0	8.0
Debitage	95.5	94.0	95.1	97.0	92.0
Total	100	100	100	100	100

* Includes test pits

Fig. 4). However, information provided by local residents in 1988 indicates that these squares were excavated by an Air Inuit pilot. According to the informants, this individual removed several artifacts from these squares, including, notably, a harpoon head. As harpoon head styles are often characteristic of a particular cultural period, these unauthorized and illegal collecting activities may have resulted in the loss of significant archaeological information. Regrettably, the location of the archaeological artifacts pillaged from these squares remains unknown.

6.1.1. Stratigraphy

North, south, and west stratigraphic profiles were recorded in various excavation units throughout Area A (Fig. 14, 15 and 16). These profiles clearly indicate the presence of two occupation "levels" in the area. The upper level consists of sod (composed of moss, lichen and grass) 2 to 3 cm in thickness, overlying a 5 to 20-thick layer of humus. Pockets of sand intermixed with pebbles and shell fragments as well as sand and coarse gravel intrusions occur sporadically in the humus (Fig. 14: N8E11; Fig. 15: N15E6).

The underlying cultural Level 2 consists of a second, darker brown humus layer containing fine sand (Fig. 16: N9E8). This level, situated directly beneath the rocks associated with Level 1, varies from 5 to 20 cm in thickness. Accumu-lated sand-gravel and coarser sediments are intrusive in Level 2 southeast of square metre N9E8 and in the southeastern portion of Area A. As in the case of Level 1, large rocks and cobbles occur throughout and at the base of Level 2.

The two occupation levels are intermittently separated by a layer of brown sand and gravel. This layer, 5 to 10 cm in thickness, is probably aeolian in origin.

The excavation of Level 2 was undertaken following the removal of the rocks associated with Level 1. It is possible, however, that some of these rocks may have been related to the lower occupation level. As well, it is probable that certain Level 1 objects, particularly small flakes, are intrusive in Level 2.

Area A excavations extended in to the sterile sand-gravel horizon underlying Level 2.

6.1.2. Occupation Remains

6.1.2.1. Habitation Structures

Level 1

Although no habitation structures were identified on the surface of Area A, study of the excavation plans presented in Figures 5 and 6 nevertheless suggests the existence of a tent during the Level 1 occupation of this area. This suggestion is based on the following observations:

- the presence of a space comparatively devoid of rocks encompassing square metres N14E9, N14E10, N13E9, and N13E10 (Photos 11, 12 and 13);
- the situation in N13E8 of a hearth containing abundant charcoal (Photo 18);
- the distribution of the greater part of the lithic waste products recovered in Level 1 along the northeastern periphery of the rock-free zone;
- the occurrence of most of the lithic tools retrieved from this level on the northern and southern periphery of the zone.

These observations suggest that a tent measuring 5 x 3 m was erected in the zone delimited to the south by N11E9 - N11E10 and, to the north, by N15E8 to N15E10. It is further suggested that the entrance to the structure may have been oriented toward the east.

Fire-cracked rocks were noted in N8E11, N14E5, N15E6 and N15E8 and charcoal fragments in N8E11, N14E5, N15E5, and N18E8.

Level 2

A total of 42m^2 covering 69% of the zone salvaged in Level 1 was excavated in Level 2. The results of this work tend to indicate that all major activity areas associated with Level 2 were completely excavated.

As in the case of Level 1, no habitation structures were defined in Level 2. However, it is speculated that sand-gravel deposits and rock concentrations registered in N9E8 through N9E11 and in N8E10 and N8E11 may represent the remains of a dwelling rim. A fire-cracked rock was also found in the centre of the western portion of the possible rim. Alternately, as most of the Level 2 waste flakes and lithic tool products were located to the west, northwest and south of the suggested feature, the presence of a dwelling in the level remains hypothetical (Figures 12 and 13). Additionally, Level 1 artifacts probably occur the Level 2 assemblage. The clarification of this situation requires the detailed analysis of all lithic objects excavated in both occupation levels.

Finally, charcoal samples were collected from Level 2 in N13E6.

Figure 5. KcFr-3, Area A, Level 1: Excavation plan.

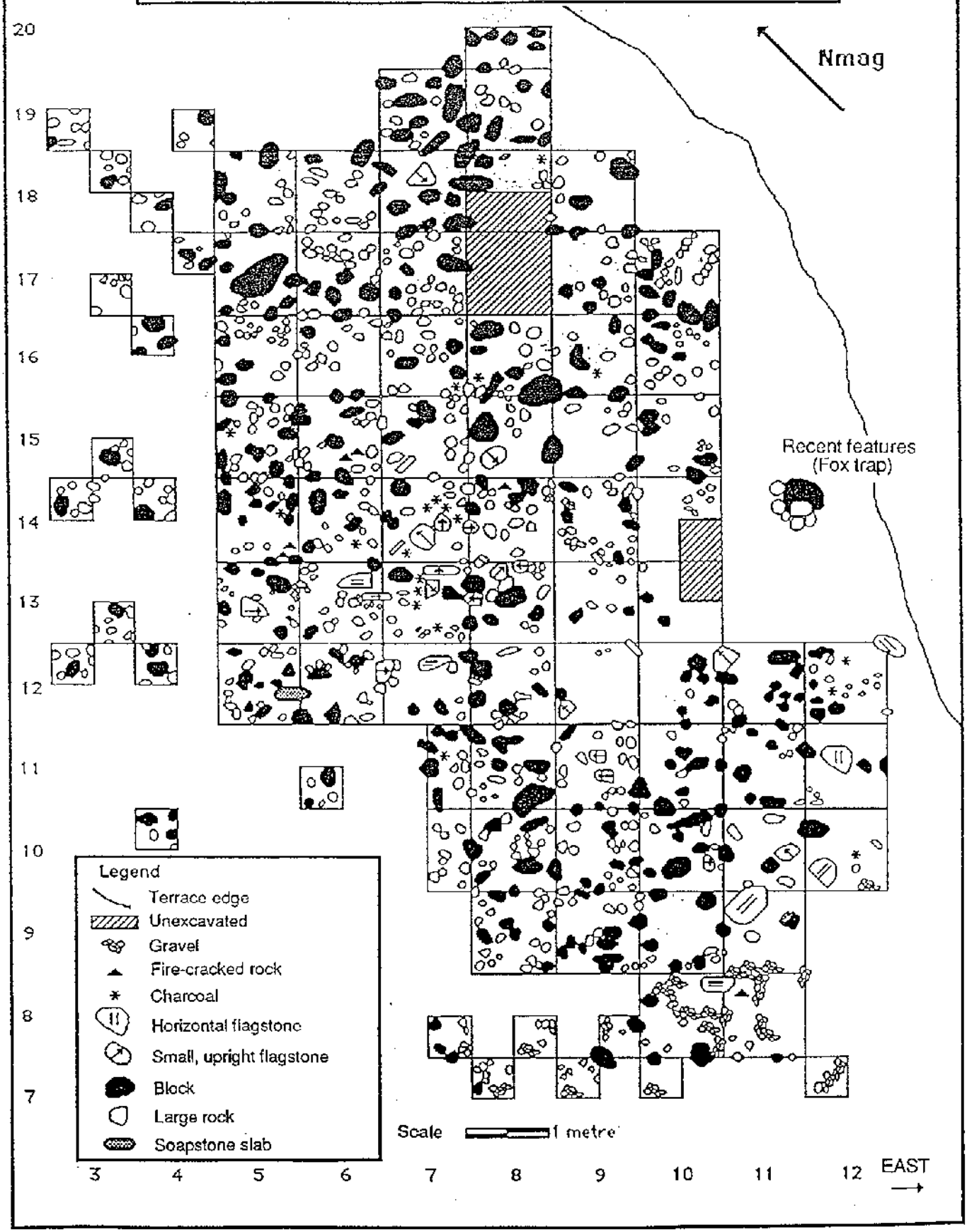
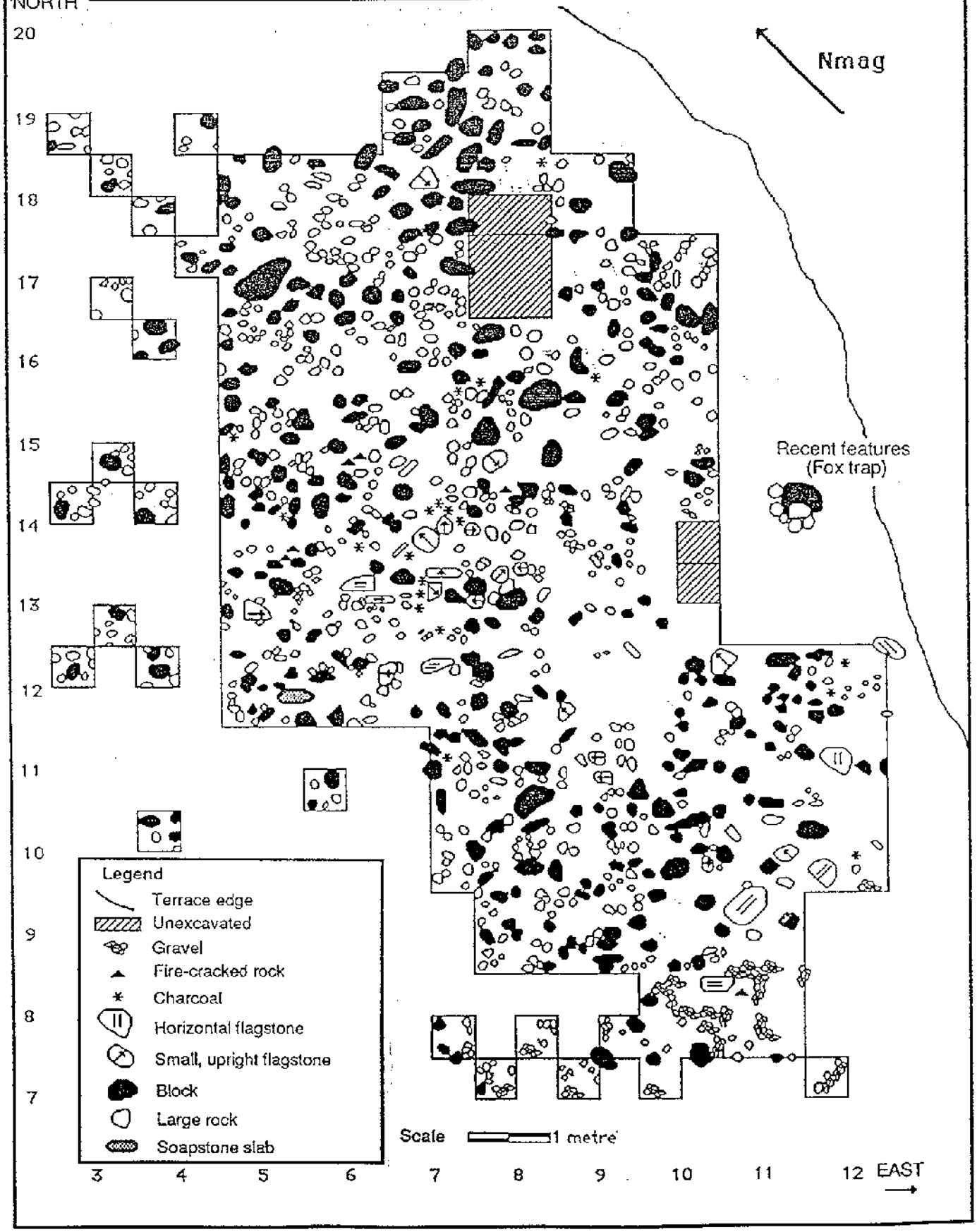


Figure 6. KcFr-3, Area A, Level 1: Excavation plan without grid.



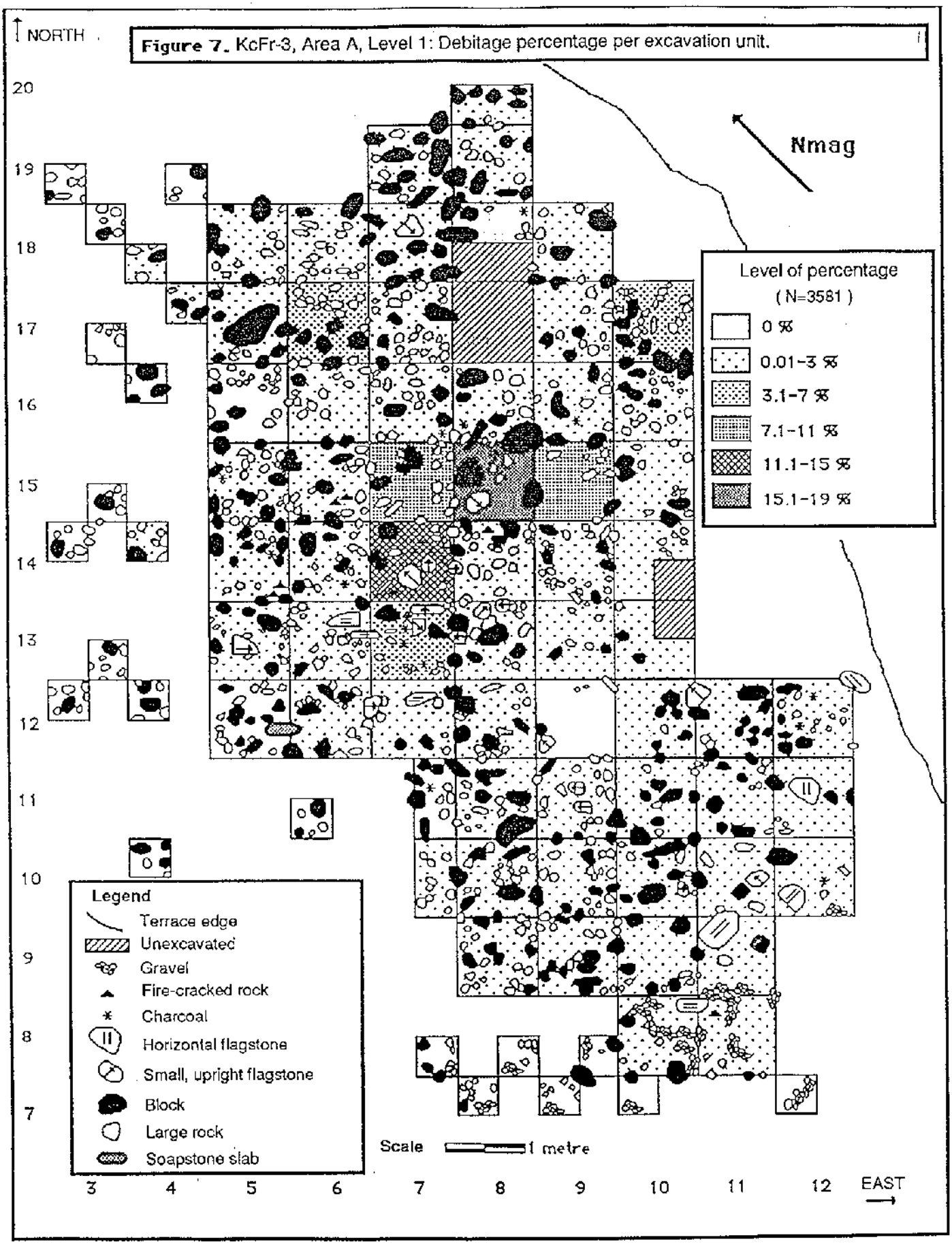


Figure 7. KcFr-3, Area A, Level 1: Debitage percentage per excavation unit.

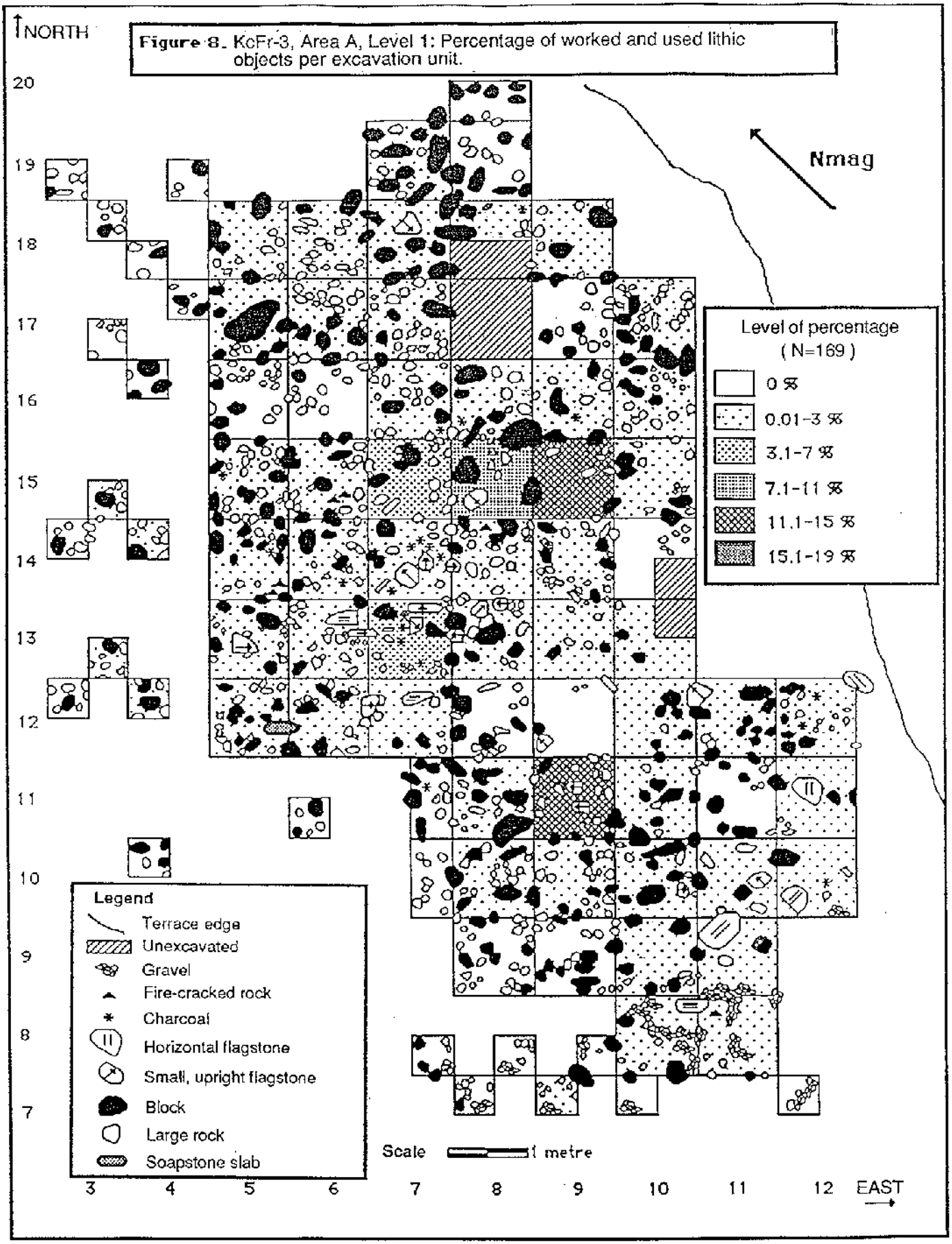


Figure 8. KcFr-3, Area A, Level 1: Percentage of worked and used lithic objects per excavation unit.

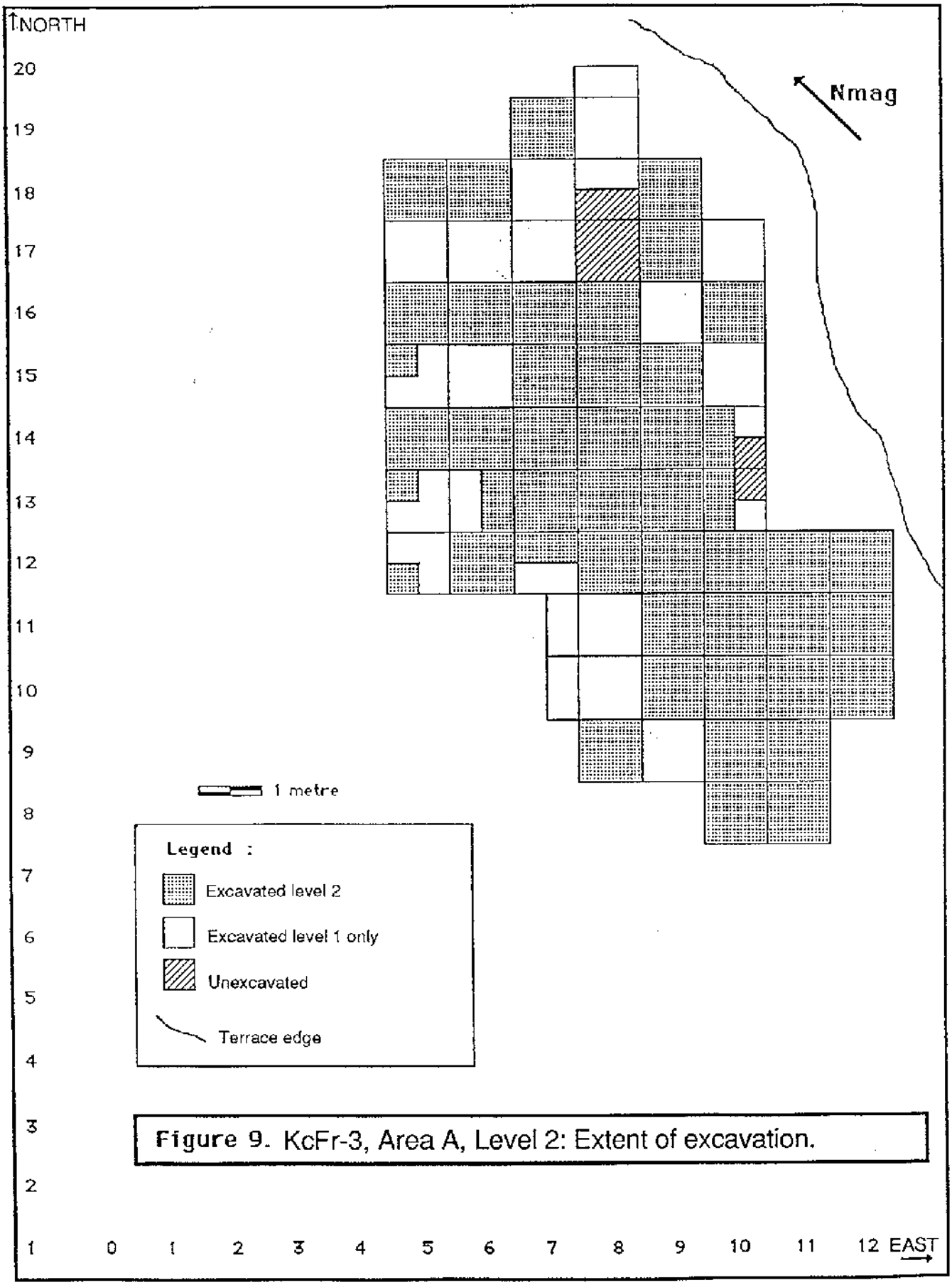


Figure 9. KcFr-3, Area A, Level 2: Extent of excavation.

Figure 10. KcFr-3, Area A, Level 2: Excavation plan.

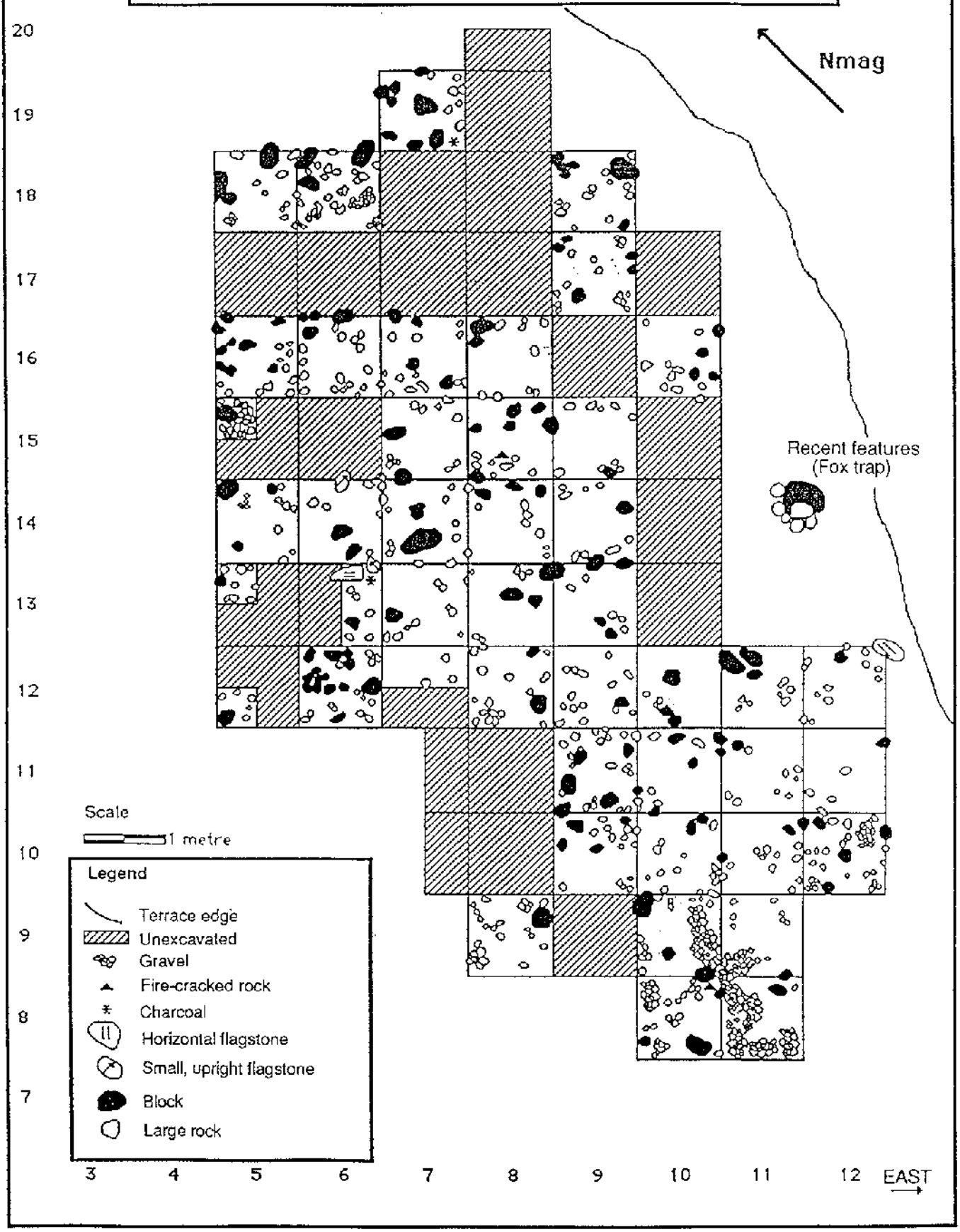


Figure 11 KcFr-3, Area A, Level 2: Excavation plan without grid.

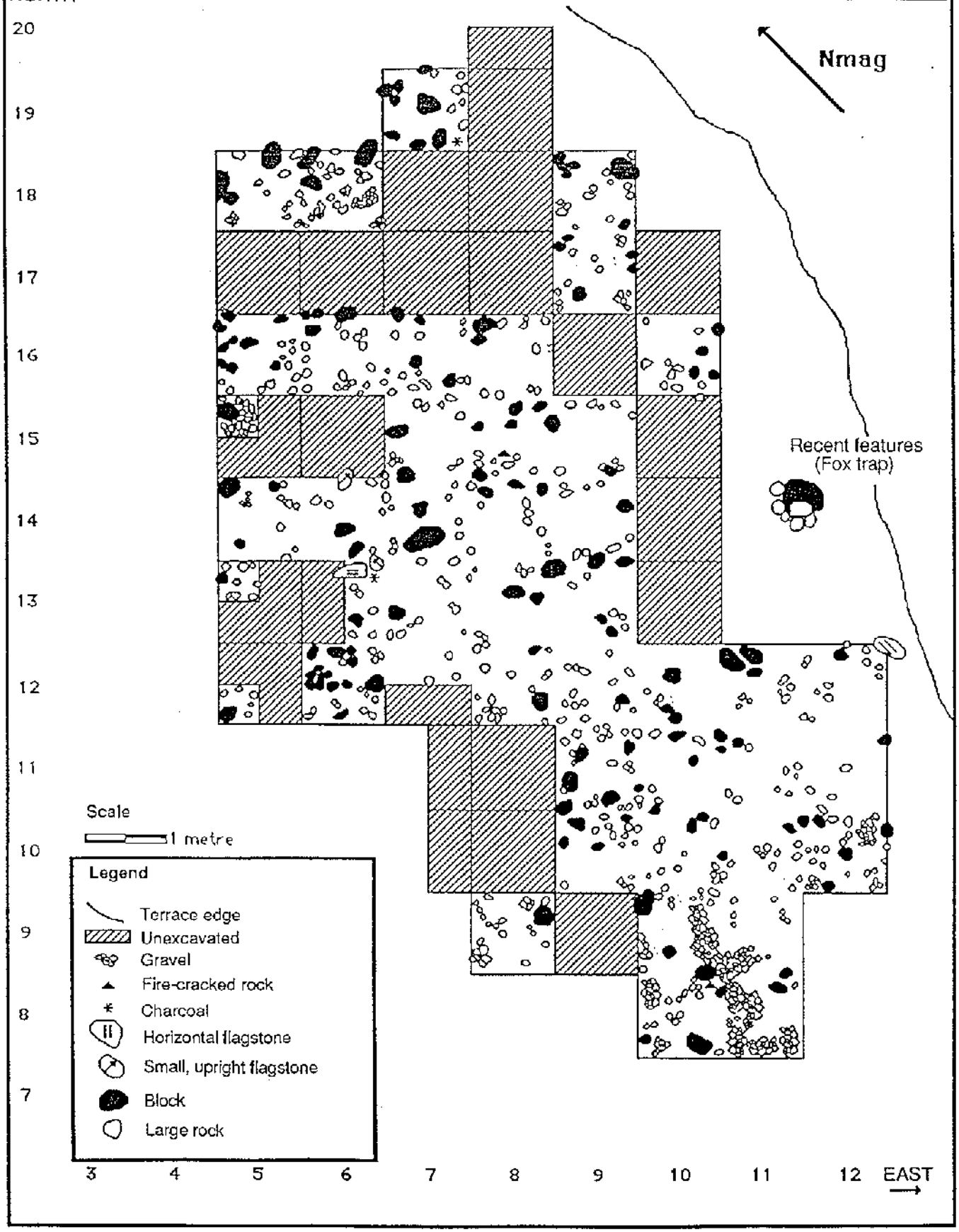


Figure 12. KcFr-3, Area A, Level 2: Debitage percentage per excavation unit.

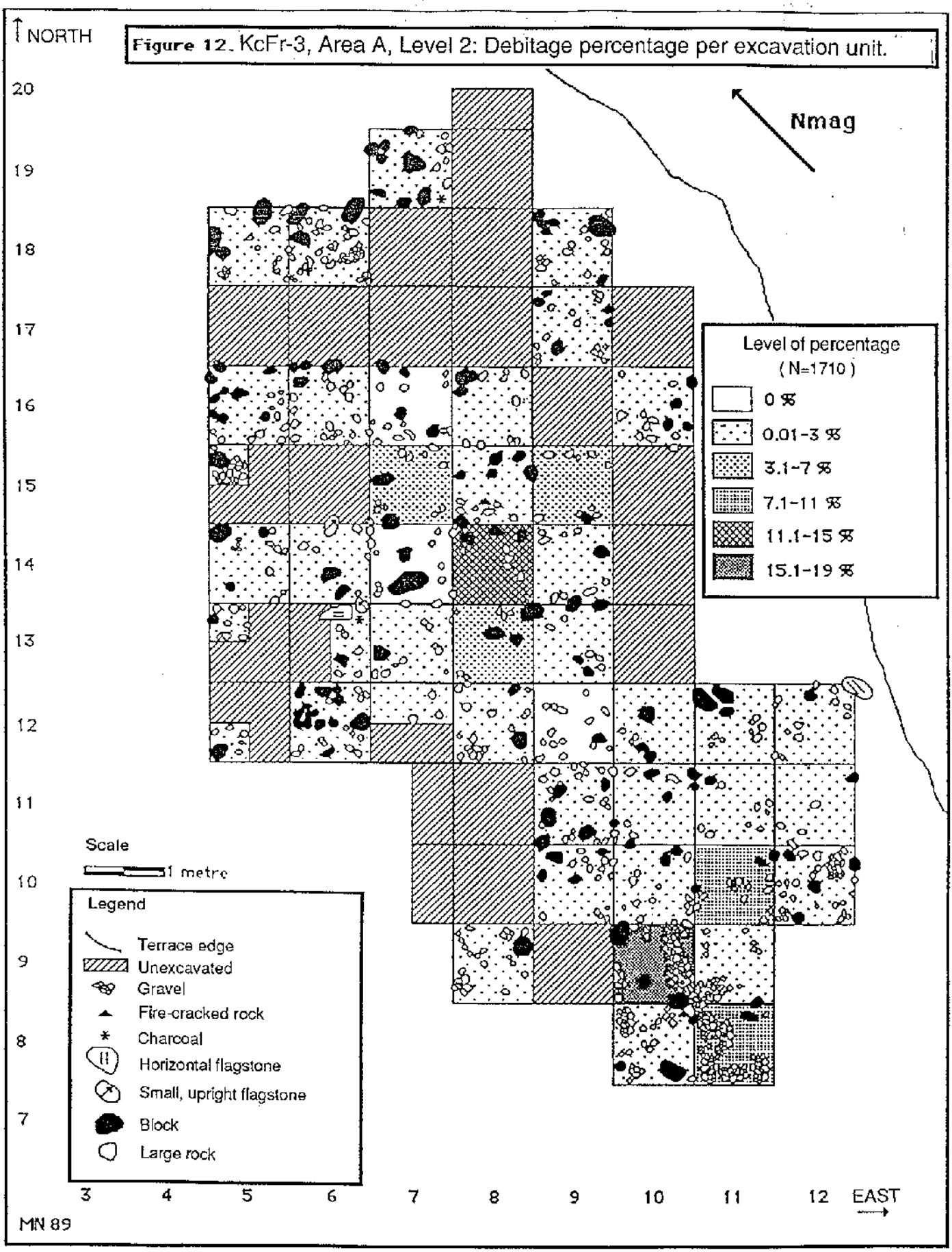
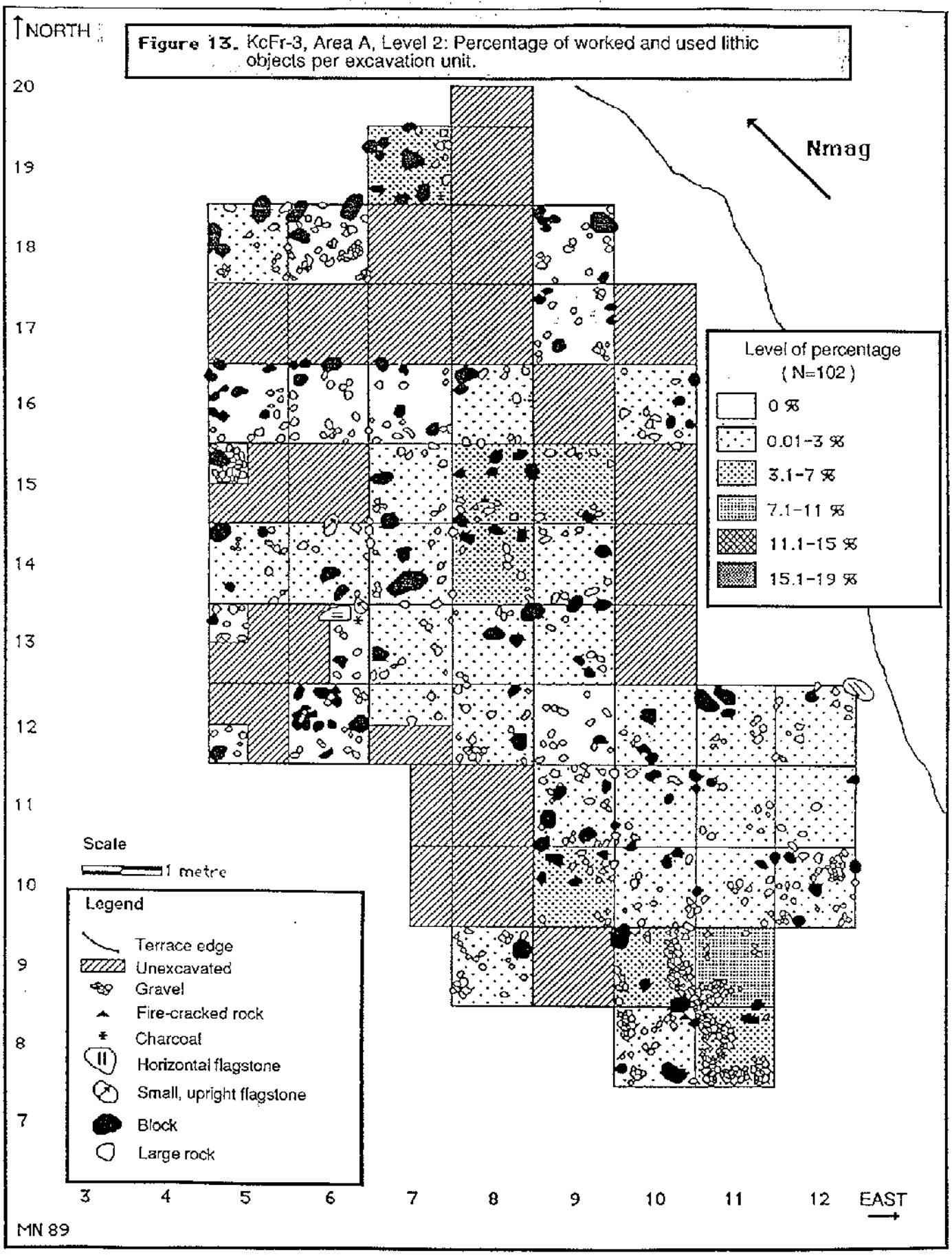


Figure 13. KcFr-3, Area A, Level 2: Percentage of worked and used lithic objects per excavation unit.



6.1.2.2. Features

A recent fox trap constructed with large stones was observed east of N14E10. A circular alignment of rocks was registered in Level 1 of N14E9 but, as neither charcoal or lithics were found in association, no interpretation of this possible feature is presently forwarded. No features were identified in Level 2.

6.1.3. Collections

6.1.3.1. Lithic Specimens

Debitage comprises 95.5% and 94.0% of the lithic assemblages from level 1 and 2 in Area A (Table 3). The first of these assemblages includes 14 categories of worked or used objects (Table 4). Microblades are predominate representing 69.8% of the Level 1 tools, followed by retouched flakes, biface, frag-ments, points, knives, burin spalls, burin-like tools, polished fragments, polished knives, blades, endscrapers, uniface fragments, used flakes, and side scapers.

Used flakes and side scrapers are absent in the Level 2 tool categories. As well, the numerical order of these categories is somewhat different than that of those in Level 1. In this case microblades are followed by biface fragments, knives, points, burin-like tools, polished fragments, blades, retouched flakes, burin-spalls, endscrapers, polished knives, and uniface fragments. Microblades constitute 53.9% of the worked and used specimens collected in Level 2.

Chert is the predominant raw material in Area A lithic assemblages, debitage and tools included (Tables 7 and 8). Quartz crystal and milky quartz are the next raw

Table 4. Comparison of Level 1 and 2 Lithic Tools Frequencies and Percentages, Area A

	Level 1*		Level 2	
	N	%	N	%
Class				
Microblades	118	69.8	55	53.9
Retouched flakes	10	6.0	3	2.9
Biface fragments	8	4.7	9	8.8
Points	8	4.7	6	5.9
Knives	6	3.6	7	6.9
Burin spalls	4	2.4	2	2.0
Burin-like tools	3	1.8	6	5.9
Polished tool fragments	3	1.8	5	4.9
Polished knives	3	1.8	1	1.0
Blades	1	0.6	3	2.9
Endscrapers	1	0.6	2	2.0
Uniface fragments	1	0.6	1	1.0
Used flakes	1	0.6	0	0.0
Side scrapers	1	0.6	0	0.0
TOTAL	169	100	102	100

* : test pits included
N : frequency
% : percentage

Table 5. Level 1 Lithic Raw Materials, Area A

	Slate	Chert	Metabasalt	Nephrite	Quartz Crystal	Hyalin	Milky Quartz	Quartzite	TOTAL
A. Worked or Used Objects									
Biface fragments	0	7	0	0	0	0	1	0	8
Burin spalls	0	4	0	0	0	0	0	0	4
Burin-like tool spalls	0	1	0	0	0	0	0	0	1
Knives	0	5	1	0	0	0	0	0	6
Polished knives	1	1	1	0	0	0	0	0	3
Retouched flakes	0	7	1	0	0	0	2	0	10
Used flakes	0	1	0	0	0	0	0	0	1
Polished tool fragments	2	1	0	0	0	0	0	0	3
Endscrapers	0	0	0	0	0	0	1	0	1
Blades	0	1	0	0	0	0	0	0	1
Microblade	0	66	0	0	20	2	27	3	118
Pointes	0	6	0	0	0	0	1	1	8
Burin-like tools	0	2	0	1	0	0	0	0	3

Side scrapers	0	0	0	0	0	0	0	1	1
Uniface fragments	0	1	0	0	0	0	0	0	1
SUB-TOTAL	3	103	3	1	20	2	32	5	169
B. Debitage									
Waste	3	2372	59	0	118	421	578	16	3567
Flake cores	0	2	1	0	0	2	1	0	6
Microblade cores	0	0	0	0	5	1	2	0	8
SUB-TOTAL	6	2374	60	0	123	424	581	16	3581
TOTAL	6	2477	63	1	143	426	613	21	3750

Table 6. Level 2 Lithic Raw Materials, Area A

	Slate	Chert	Granite	Metabasalt	Nephrite	Quartz Crystal	Hyalin	Milky Quartz	Quartzite	TOTAL
A. Worked or Used Objects										
Biface fragments	0	8	0	0	0	0	0	1	0	9
Burin spalls	0	2	0	0	0	0	0	0	0	2
Burin-like tool spalls	0	2	0	0	0	0	0	0	0	2
Knives	1	5	0	0	0	1	0	0	0	7
Polished knives	0	0	0	1	0	0	0	0	0	1
Retouched flakes	0	3	0	0	0	0	0	2	0	3
Polished tool fragments	0	1	0	0	4	0	0	0	0	5
Endscrapers	0	0	0	0	0	1	0	0	1	2
Blades	0	2	0	0	0	0	1	0	0	3
Microblades	0	34	0	0	0	10	0	9	2	55
Points	0	4	0	0	0	1	0	1	0	6
Burin-like tools	0	3	0	0	2	1	0	0	0	6

Uniface fragments	0	1	0	0	0	0	0	0	0	1
SUB-TOTAL	1	65	0	1	6	14	1	11	3	102
B. Debitage										
Waste Flakes	0	1392	10	28	0	27	101	135	13	1706
Flake cores	0	1	0	0	0	0	0	0	0	1
Microblades	0	1	0	0	0	0	0	0	0	1
SUB-TOTAL	0	1394	10	28	0	27	101	135	13	1708
TOTAL	1	1459	10	29	6	41	102	146	16	1810

Table 7. Lithic Raw Material Frequencies and Percentage, Level 1, Area A

A. Worked or Used Objects

Raw Material	N	%
Chert	103	61.0
Milky quartz	32	18.9
Quartz crystal	20	11.8
Quartzite	5	3.0
Metabasalt	3	1.8
Slate	3	1.8
Hyalin	2	1.2
Nephrite	1	0.6
TOTAL	169	100.0

B. Debitage

Raw Material	N	%
Chert	2374	66.3
Milky quartz	581	16.2
Hyalin	424	11.8
Quartz crystal	123	3.4
Metabasalt	60	1.7
Quartzite	16	0.5
Slate	3	0.08
TOTAL	3581	100.0

N : Frequency
% : Percentage

Table 8. Lithic Raw Materials Frequencies and Percentages, Level 2, Area A

A. Worked or Used Objects

Raw Material	N	%
Chert	65	63.7
Quartz crystal	14	13.7
Milky quartz	11	10.8
Nephrite	6	5.9
Quartzite	3	2.9
Hyalin	1	1.0
Metabasalt	1	1.0
Slate	1	1.0
TOTAL	102	100.0

B. Debitage

Raw Material	N	%
Chert	1394	81.6
Milky quartz	135	7.9
Hyalin	101	5.9
Quartz crystal	28	1.6
Metabasalt	27	1.6
Quartzite	13	0.8
Granite	10	0.6
TOTAL	1708	100.0

N : Frequency
% : Percentage

Table 9. Comparison of Level 1 and 2 Lithic Raw Materials Frequencies and Percentages, Area A

Raw Materials	Level 1		Level 2	
	N	%	N	%
Chert	2477	66.1	1459	80.6
Milky quartz	613	16.4	146	8.1
Hyalin	426	11.4	102	5.6
Quartz crystal	143	3.8	41	2.3
Metabasalt	63	1.7	29	1.6
Quartzite	21	0.6	16	0.9
Slate	6	0.2	1	0.1
Nephrite	1	0.03	6	0.3
Granite	0	0.0	10	0.6
	3750	100.0	1810	100.0

N : Frequency

% : Percentage

materials most commonly found among the worked and used objects in both assemblages. Although few tools were manufactured in hyalin, this material occurs in abundance in the debitage from the two levels. In each of these instances, hyalin is statistically preceded by milky quartz and followed by quartz crystal.

As indicated in Table 9, the percentages of the different raw materials calculated for the Level 1 lithics correspond closely to those obtained for the Level 2 assemblage. This correlation allows speculation on the possibility of repeated occupation of Area A by the same group.

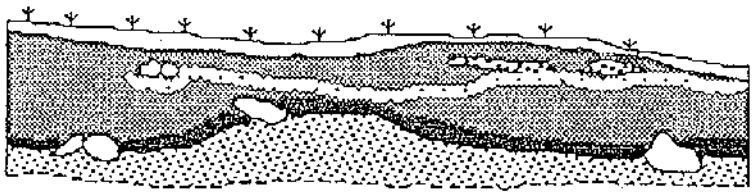
6.1.3.2. Organic Objects

Organic implements include a harpoon head, a needle and 6 worked bones recovered from Level 1. Five other worked bones were also registered in Level 2. As well, numerous faunal osteological remains were collected in both cultural levels. Analysis of these remains will clarify the subsistence orientations of the Area A occupants and the seasonality of occupation of the area.

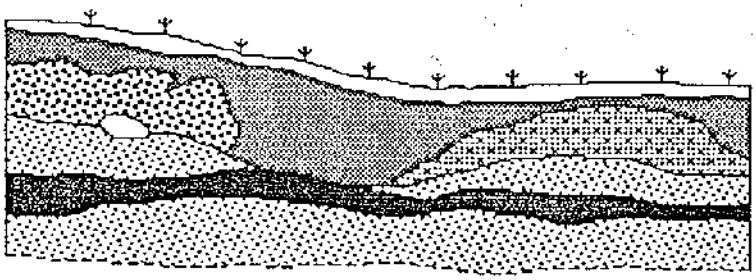
6.1.3.3. Others

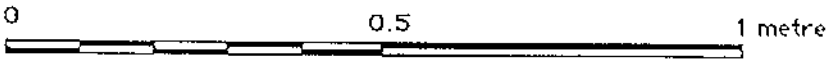
Bullets and empty cartridges were also found on the surface of Area A. These items reflect the occasional use of the Ohituk site during the historic period for small game and bird hunting.

N1GE7 – West profile



N8E11 – West profile



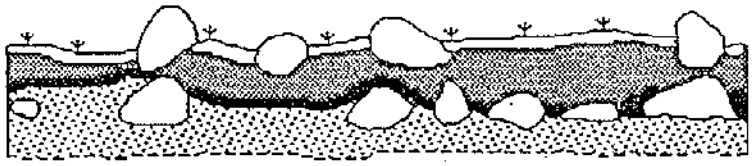


Legend

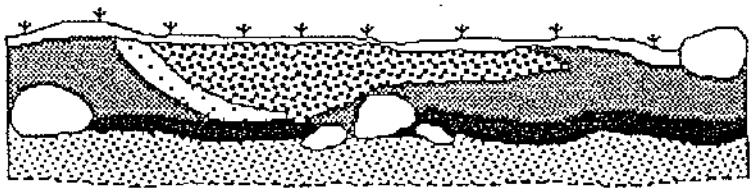
- Rock
- Sod
- Buried sod (dried vegetation)
- Sand mixed with small gravel and shell fragments
- Humus (cultural level 1)
- Dark brown humic layer with fine sand intrusions (cultural level 2)
- Brown sand and small gravel
- Sand and large gravel
- Excavation limit

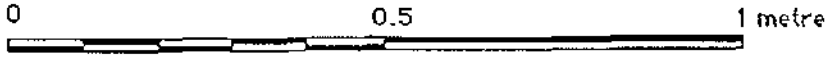
Figure 14.KcFr-3, Area A: West stratigraphic profiles.

N13E8 - North profile



N15E6 - North profile





Legend

- Rock
- Sod
- Buried sod (dried vegetation)
- Sand mixed with small gravel and shell fragments
- Humus (cultural level 1)
- Dark brown humic layer with fine sand intrusions (cultural level 2)
- Brown sand and small gravel
- Sand and large gravel
- Excavation limit

Figure 15. KcFr-3, Area A, North stratigraphic profiles.

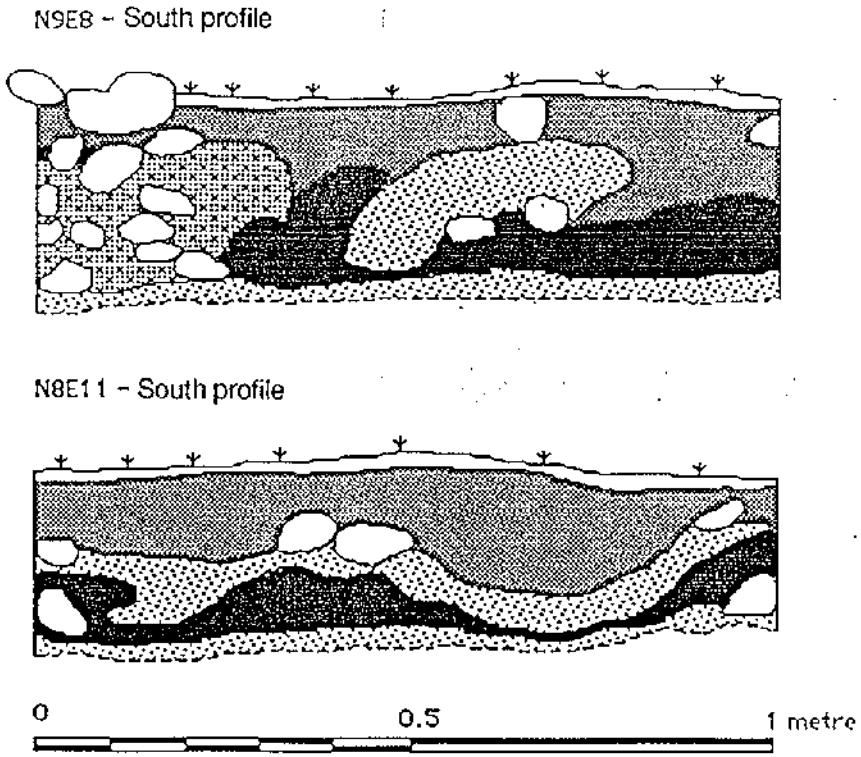


Figure 16. KcFr-3, Area A: South stratigraphic profiles.

6.1.4. Samples

Samples of charcoal for radiocarbon-dating were collected from Level 1 and 2. A small slab of steatite was also recovered from Level 1 (Photo 17). Analysis of the specimen may allow the source of this soapstone object to be determined.

6.2 Area B

Area B occupies a boulder field forming the eastern section of the 23m terrace, immediately east of Area A. This formation, 160m^2 in extent, is composed of marine-deposited boulders varying from 10 to 20 cm in diametre. Fifteen square metres were excavated in Area B over a period of 6 working-days.

6.2.1. Stratigraphy

A moss-lichen layer intermixed with grasses occurs discontinuously throughout Area B. This layer, 2 to 5 cm thick, intermittently caps a sandy humus overlying fine gravel. The humus and gravel are 4 cm and 2 to 5 cm in thickness respectively. The latter horizon is underlain in N10E36 and N11E36 by a black sand layer high in charcoal content. These square metres are located in the circular tent ring excavated in Area B (Fig. 19, Photo 31).

6.2.2. Occupation Remains

6.2.2.1. Habitation Structures

One circular and 3 bilobate tent rings were identified in Area B during the 1984 inventory of the site (Aménatech, 1985). The first of these structures is 4.5m in

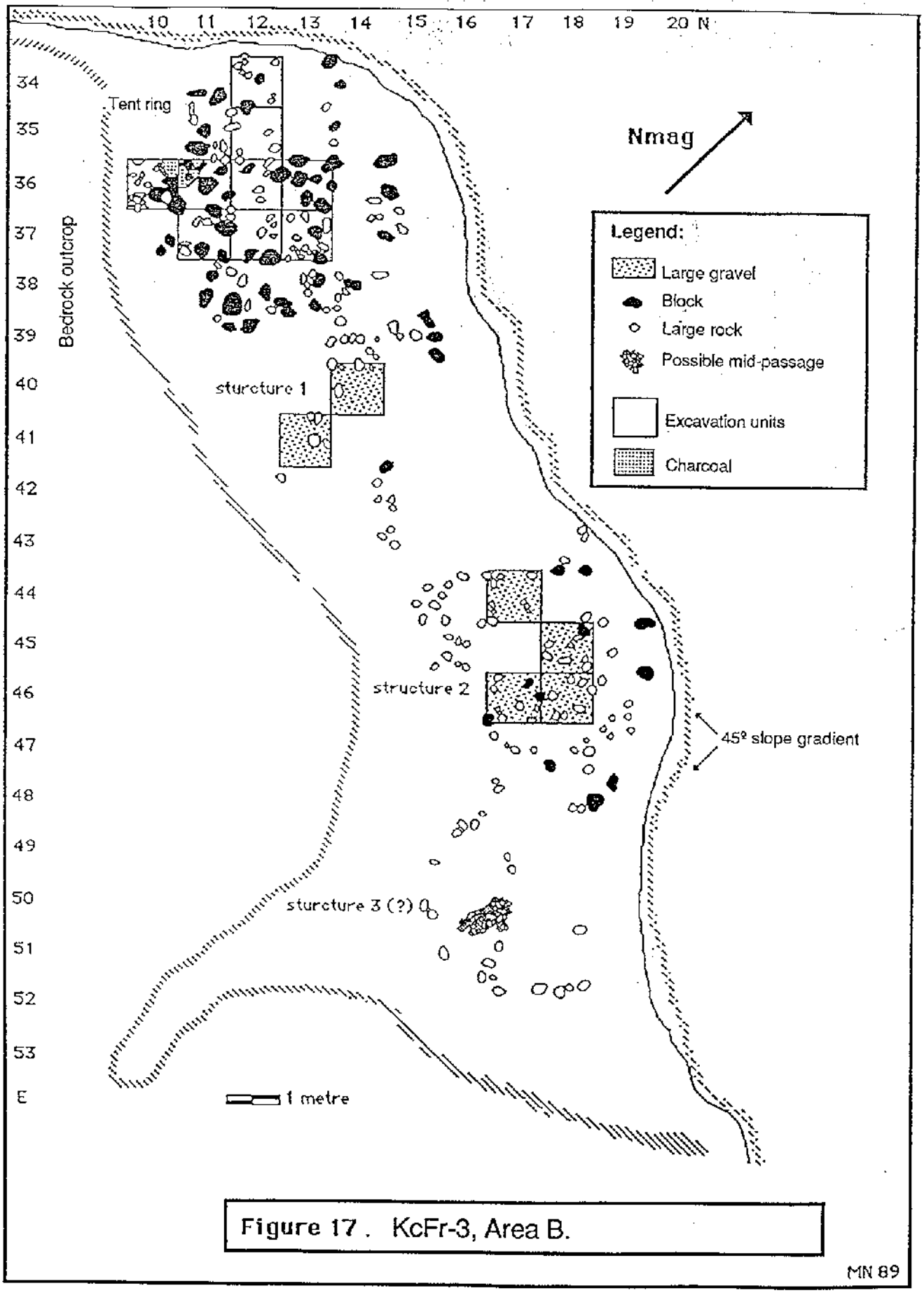


Figure 17 . KcFr-3, Area B.

MN 89

diametre while the others are uniformly 3.0 x 3.8m in dimensions. Each of the latter is bisected by a mid-passage approximately 60 cm in width.

Nine square metres were excavated in the circular tent ring (Photos 26, 27, 29 and 30). The presumed entrance of this easily-recognizable structure is oriented toward magnetic North (Figure 17). In contrast, the bilobate tent rings were more difficult to relocate. The contours of these dwellings (designated Structures 1, 2 and 3) are defined only by several rocks. The interiors of the tent rings are suggested by comparatively dense patches of vegetation.

Two square metres were excavated in Structure 1 and $4m^2$ in Structure 2. All were sterile. Time limitations prevented the testing of Structure 3, the location of which remains uncertain.

6.2.2.2. Features

A circular arrangement of rocks recorded in N11E35 and N12E35 is tentatively interpreted as a feature of the circular tent ring. This possible feature may, however, represent a portion of the dwelling periphery. A historic feature, possibly a fox trap, constructed with rocks removed from the contour of this tent ring is situated southeast of the structure (Photo 28).

Table 10. Summary of Area B Lithic Specimens

A. Worked or Used Objects		
Retouched flake		1
	Sub-total	1
B. Debitage		
Waste flakes		37
	Sub-total	37
	TOTAL	38

6.2.3. Collections

6.2.3.1. Lithic Specimens

The Area B lithic collection consists of 1 retouched flake and 37 waste flakes recovered in the circular tent ring. All of these objects are in chert.

6.2.3.2. Organic Objects

A mandible provisionally identified as polar bear excavated in the circular tent ring represents the only organic object collected in Area B.

6.3 Area C

The raised beach comprising Area C is located in the northern part of the site, close to the Hudson Bay shoreline (Photo 34). This beach is composed of sand-gravel mixed with cobbles and boulders (Photo 33). Dense concentrations of grass are scattered throughout the 75m^2 covered by Area C.

Area C excavations were carried out over 2 days. A 7 x 1.5m trench was excavated in the area by Taylor in 1959 (Taylor, personal communications, June, 1988). This trench, located in the east-central and eastern sections of the terrace, was identified in 1988 on the basis of small sod mounds and rock concentrations which probably result from the earlier excavations. As Area C measures, maximally, 15 x 5m, only a small portion of the area remains intact.

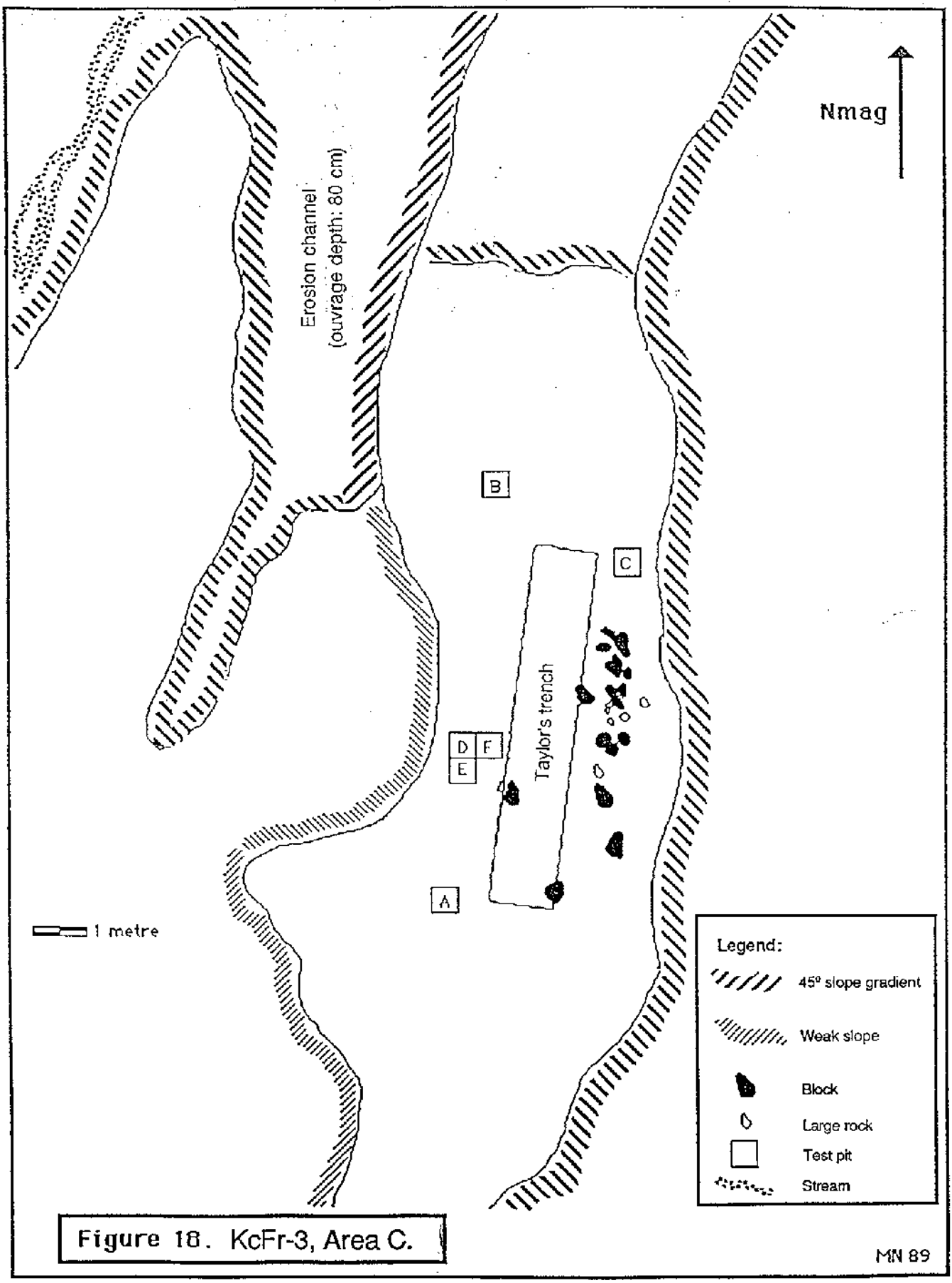


Figure 18. KcFr-3, Area C.

Six test pits (50 x 50 cm) were excavated adjacent to Taylor's trench. Four were positive.

6.3.1. Stratigraphy

The stratigraphic profiles revealed in each of the test pits consist of sod 4 to 5 cm in thickness overlying a dark brown humus layer varying from 8 to 10 cm in thickness. All cultural materials recovered in Area C were associated with this humus. An underlying thin sandy humus layer roughly 3 cm thick and sterile gravel-rock horizon complete the stratigraphy

6.3.2. Occupation Remains

No habitation structures or features were identified in Area C either by Taylor in 1959 or during the course of the present salvage excavations.

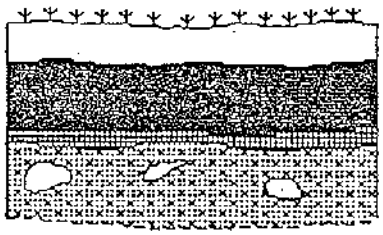
6.3.3. Cultural Collections

6.3.3.1. Lithic Specimens

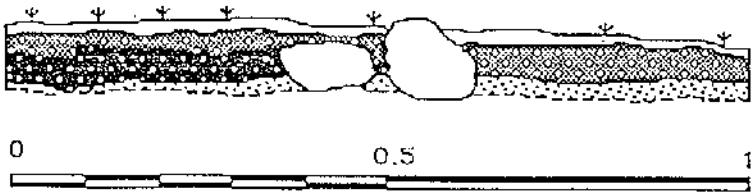
Test pits A and C were sterile while Test pit B contained 8 waste flakes. Test pits D, E and F yielded a total of 108 lithic objects, including 9 worked specimens (see Appendix 7). The latter specimens comprise 3 knives, 2 points, 2 microblades, an endscraper, and a burin-like tool.

Five of the tools are in chert, 2 in hyalin, and 2 in milky quartz. Milky quartz predominates in the debitage (N=75), followed by chert (N-28), and hyalin (N=4).

Area C: Test pit A profile.



Area B: N10E36 north profile.



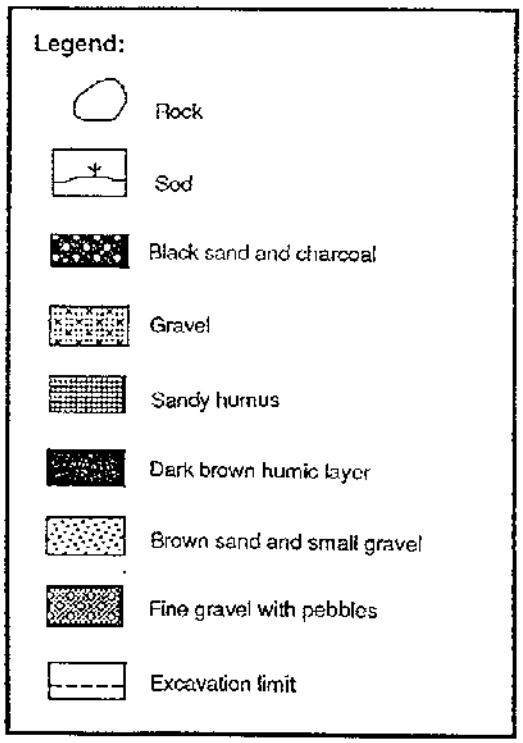


Figure 19. KcFr-3, Area B and C sratigraphic profiles.

Table 11. Summary of Area C Lithic Specimens

	Raw Material		
	Chert	Hyalin	Milky Quartz
A. Worked or Used Objects			
Knives	-	2	1
Scapers	1	-	-
Microblades	2	-	-
Points	1	-	1
Burin-like tools	1	-	-
Sub-total	5	2	1
B. Debitage			
Waste flakes	28	4	75
Sub-total	28	4	75
	33	6	77

6.3.3.2. Organic Objects

Several animal bones were recovered in Test pit F.

7.0 Interpretations

7.1 Cultural Chronology

An Early Dorset culture occupation is interpreted for Level 1 of Aire A. This interpretation is based, in particular, on the style of the harpoon head recovered in this level (Photo 8), which typologically compares with others found in the Tyara site, near Salluit (Taylor, 1968: Figure 22, e). According to Maxwell (1985: 168), the Early Dorset occupation of Tyara dates to between 500 - 300 B.C. The occupation of Level 2 preceded that of Level 1. However, as the lithic assemblages have yet to be analyzed, the temporal relationships of the two occupation levels remain undetermined. The strong correlation in distribution of the different lithic raw materials associated with levels 1 and 2 nevertheless suggests that Area A was repeatedly occupied, possibly by the same group.

The Area B lithics are insufficient to the identification of the cultural affiliation of this area. The mandible, however, could provide a date for the circular tent ring. The correspondence in altitude between areas A and B may suggest contemporaneous occupation of the two areas. Alternately, it is unknown whether the bilobate structures were occupied simultaneously or during the same period.

The lithics from Area C also suggest a Dorset occupation. The detailed analysis of these objects, combined with those collected by Taylor, may clarify the chronology of this occupation.

7.2 Nature of the Occupations

The number of lithic and organic objects recovered in Area A suggests prolonged occupation of the area. The identification of seal and caribou bones in the faunal assemblage indicates that marine and terrestrial mammals were hunted from the site. It is presumed that a tent was erected in Area A during the Level 1 occupation. Although no tent ring is definable, the position of this structure is suggested by the previously - mentioned hearth and lithic concentration.

The few lithics collected in Area B may indicate brief occupation of the boulder field. Although a relatively high number of lithic objects were obtained in Area C, it is difficult to interpret the associated occupational activities carried out in this area. The majority of these specimens was recovered in 3 test pits. No habitation structures were identified in Area C.

8.0 Recommendations

It is recommended, firstly, that the lithic and faunal collections recovered from the salvage excavations carried out in the Ohituk site be analyzed in detail. The analysis of these collections will clarify: 1. the cultural affiliation of the occupations in areas A and C; 2. subsistence techniques; 3. economic orientations; 4. seasonality of site occupation. Such analytical information is essential to a better understanding of the nature of prehistoric human occupation of the Ivujivik region.

In view of the sustained interest of the community of Ivujivik in the Ohituk site as a cultural heritage resource, it is also recommended that a poster be prepared illustrating the excavations and cultural objects recovered in the site. The recommended poster should be accompanied by Inuktitut, French and English texts providing information on the site and the interpretation of the data salvaged. This educational document could be displayed in the elementary school of Ivujivik or in the village Co-op.

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1968 The Arnapik and Tyara sites, an Archaeological Study of Dorset Culture Origins, Memoirs of the Society for American Archaeology, no 22, American Antiquity, 33(4), Part 2

10.0 Ohituk site Photographs

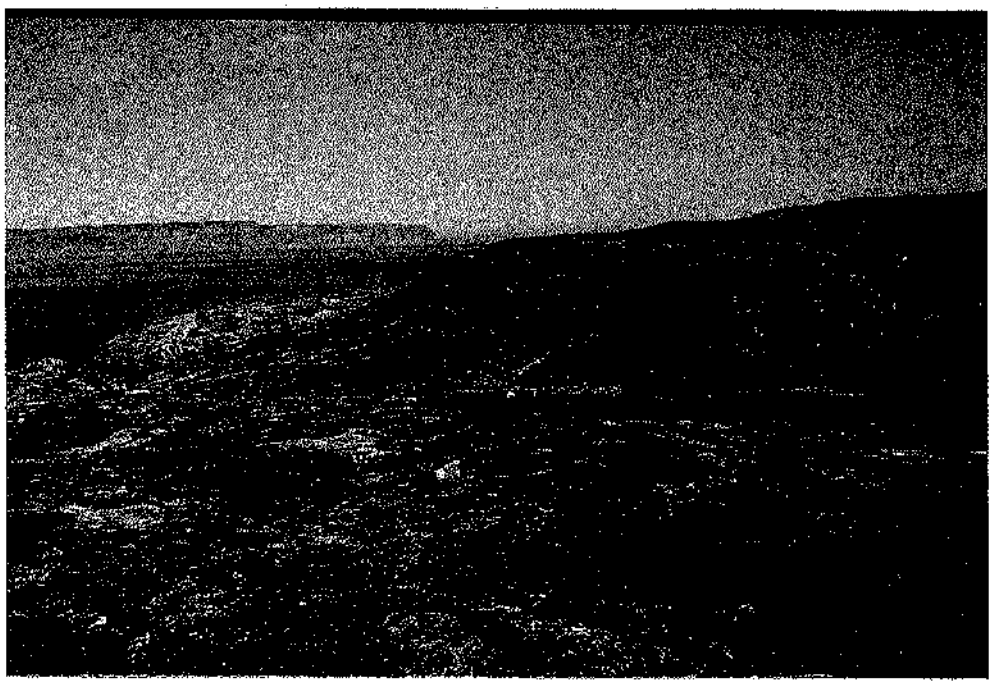

Photo 1. Overview of the KcFr-3 site, toward the northeast

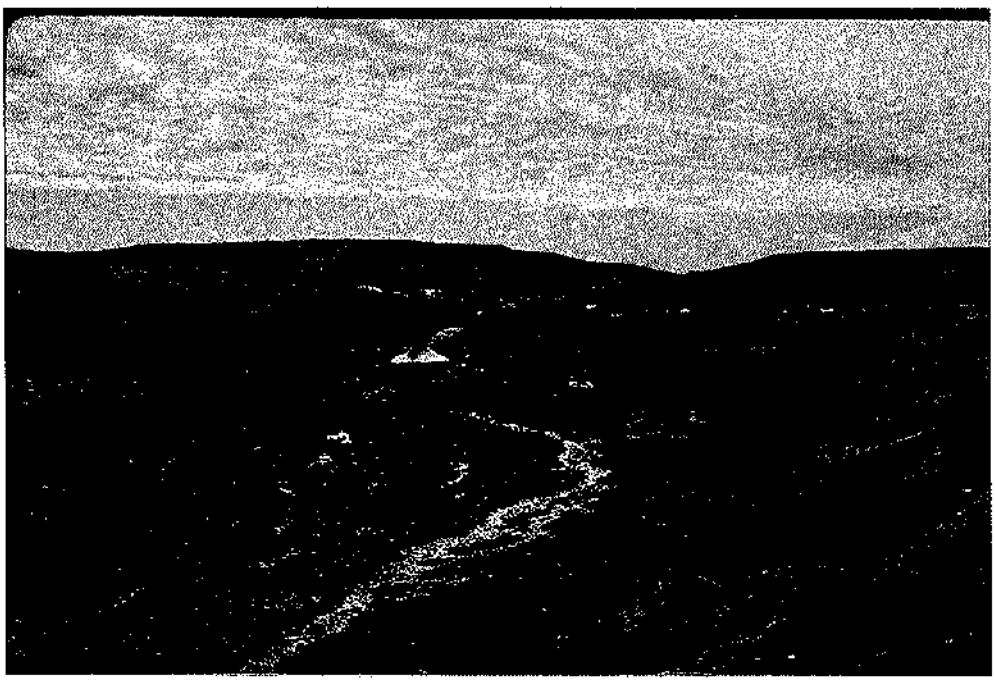

Photo 2. Southern portion of the KcFr-3 site, toward the southeast. Area A is situated to the right and Area B to the left.

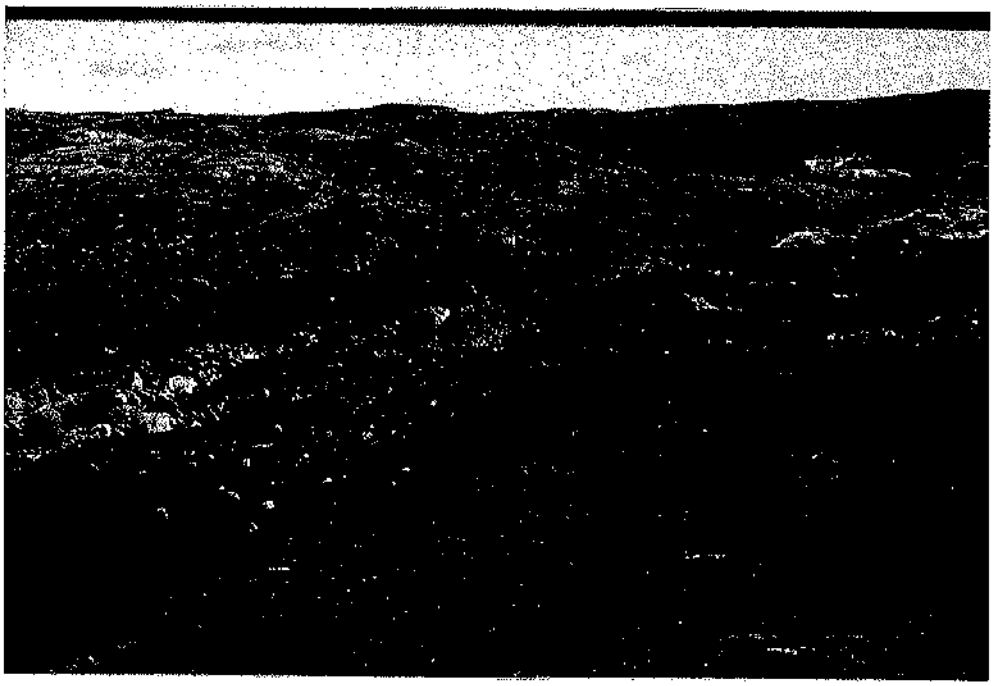

Photo 3. Area A, toward the southeast

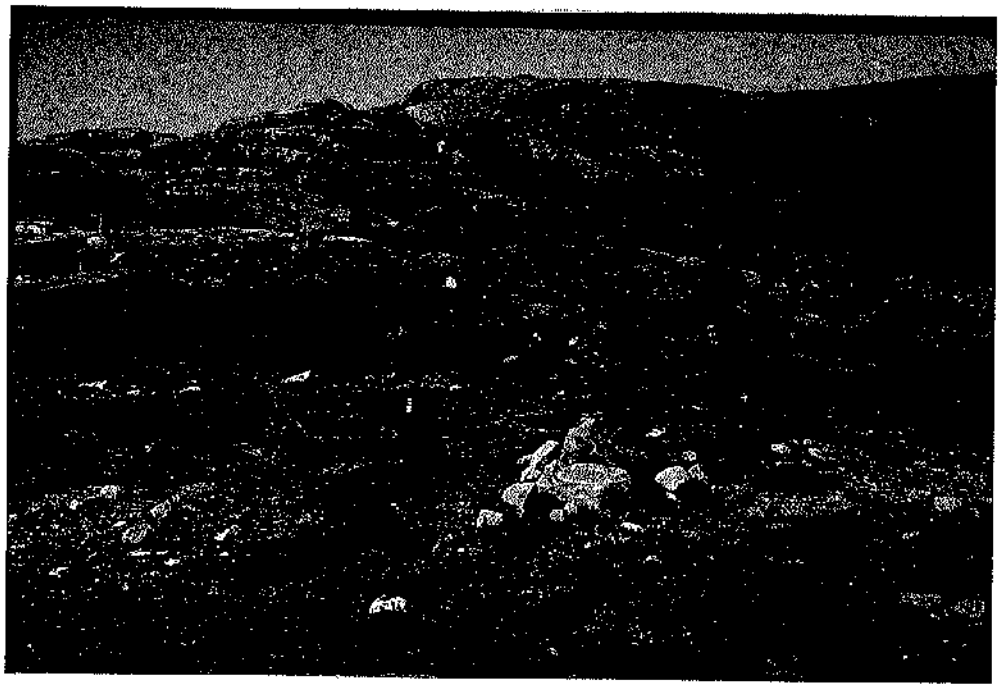

Photo 4. Area A. toward the northwest. The two earlier test pits mentioned in the text are located in the foreground.

Photo 5. Area A, toward the west

Photo 6. Area B, toward the southeast

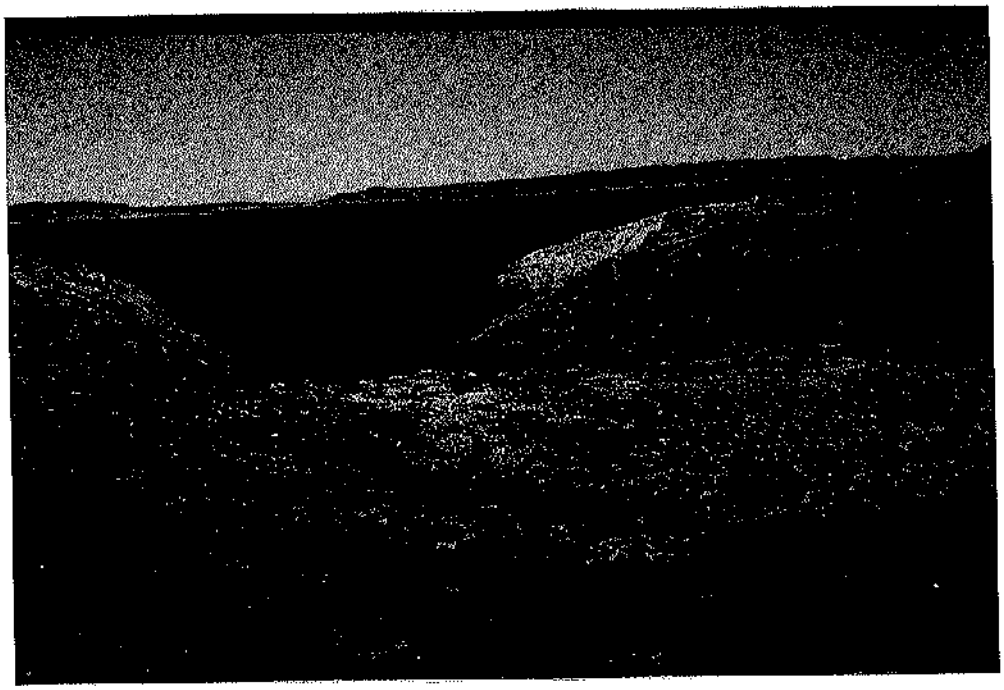

Photo 7. General view of Area C (background), toward the northeast

Photo 8. Oblique view of Area C, toward the northeast

Photo 9. Area A excavations, toward the northwest. One of the earlier test pits is visible in the centre of the photograph.

Photo 10. Area A under excavation, toward the southeast.

Photo 11. Excavated Level 1, Area A, toward the northwest.

Photo 12. Excavated Level 1, Area A, toward the northwest.

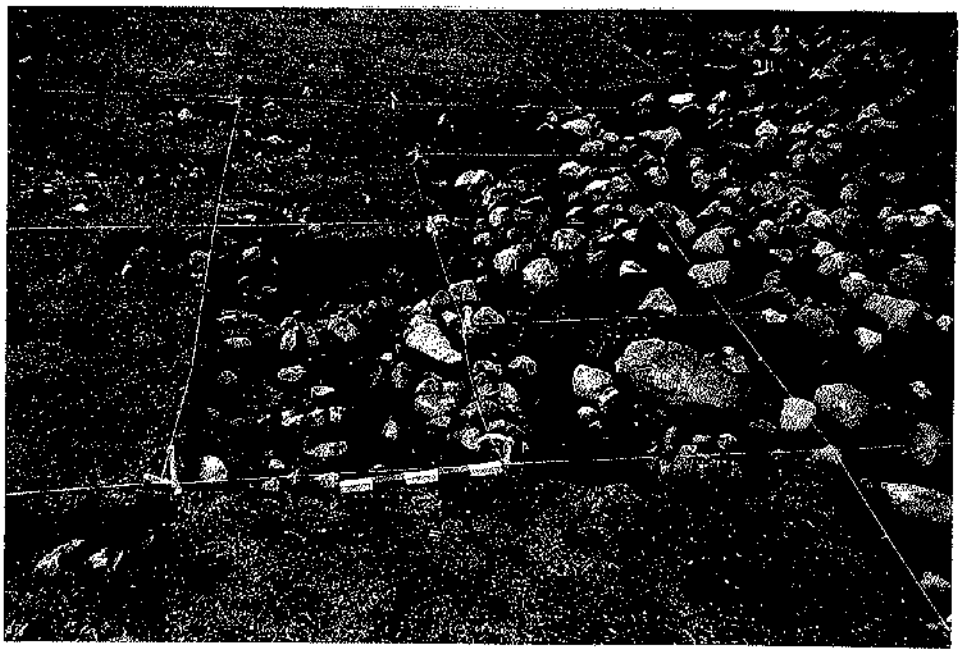

Photo 13. Southern portion of excavated Level 1, Area A, toward the west.

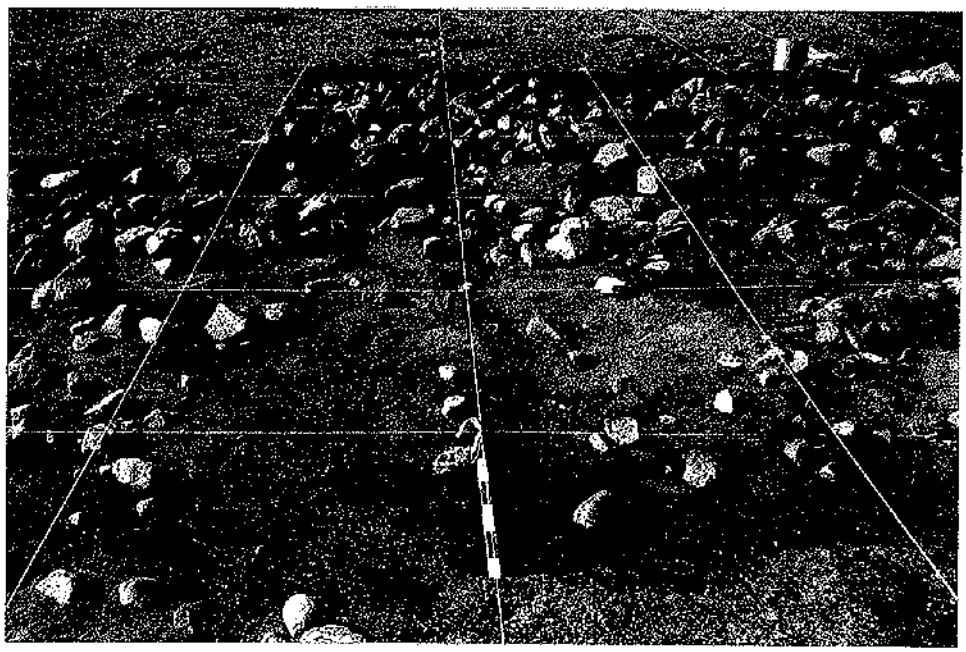

Photo 14. Central portion of excavated Level 1, Area A, toward the west.

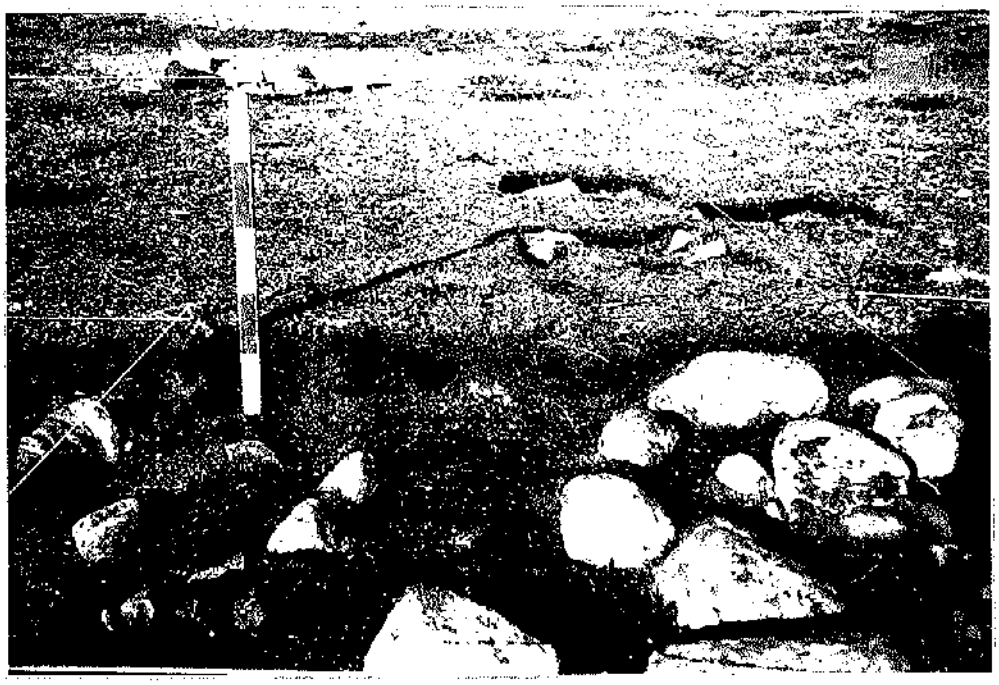

Photo 15. Area A, Level 1, west profile of N14E5

Photo 16. Area A, Level 1, N13E7 toward the north. Charcoal occurred in the northwest corner of the square metre.

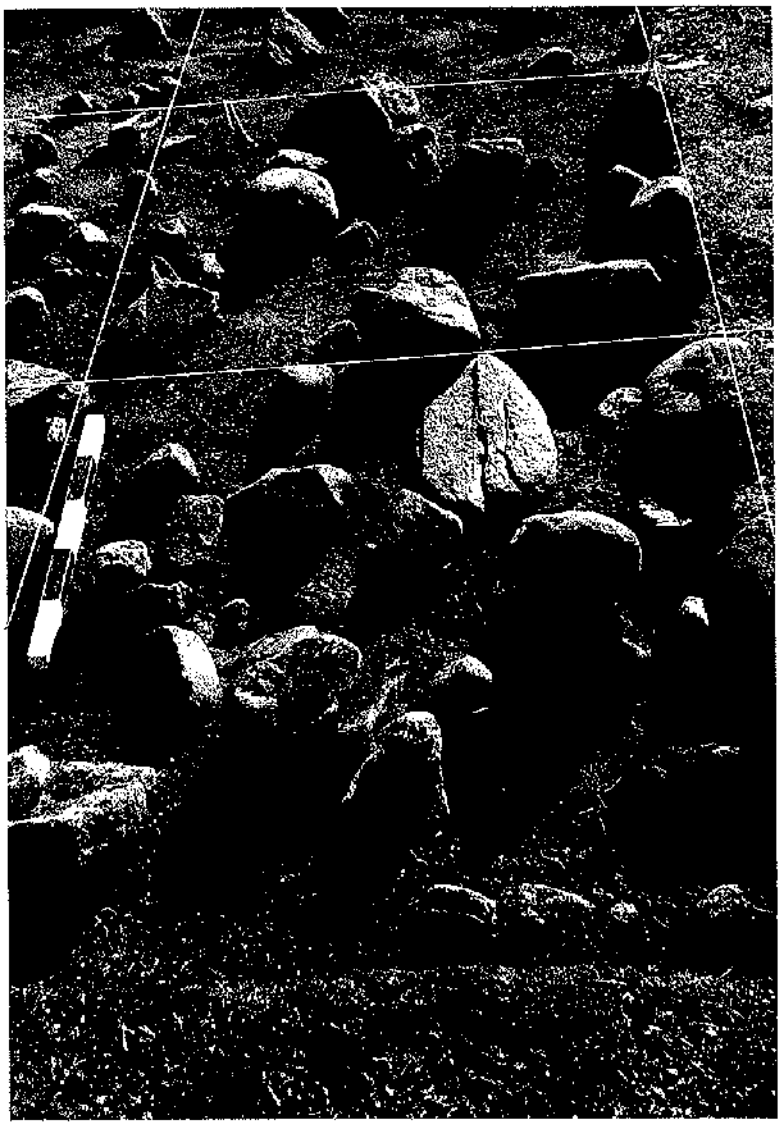

Photo 17. Area A, Level 1, N12E5 (foreground) toward the east. The soapstone slab is situated in the centre of the photograph.

Photo 18. Circular feature probably representing a hearth in N13E8, Level 1, Area A, toward the east

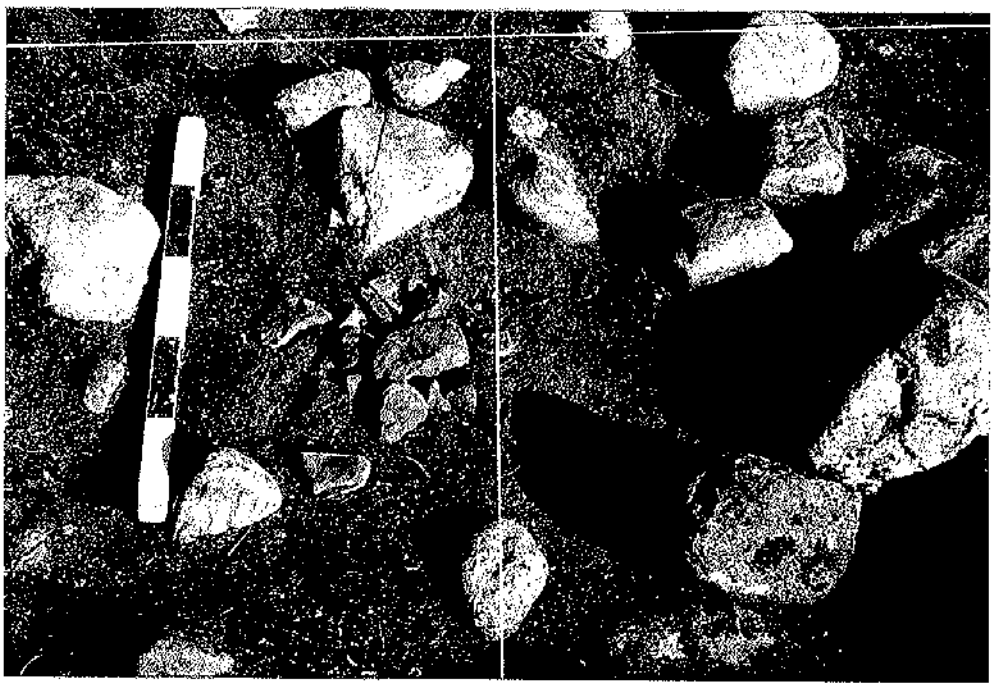

Photo 19. Hearth with fire-cracked rocks in N14E5 and N13E5, Level 1, Area A, toward the east.

Photo 20. Circular feature in N14E9, Level 1, Area A, toward the west

Photo 21. In situ seal bones and biface, northeast quadrant of N18E7, Level 1, Area A, toward the north.

Photo 22. Excavated Level 2, Area A, toward the northwest

Photo 23. Southeastern section of excavated Level 2, Area A, toward the north.

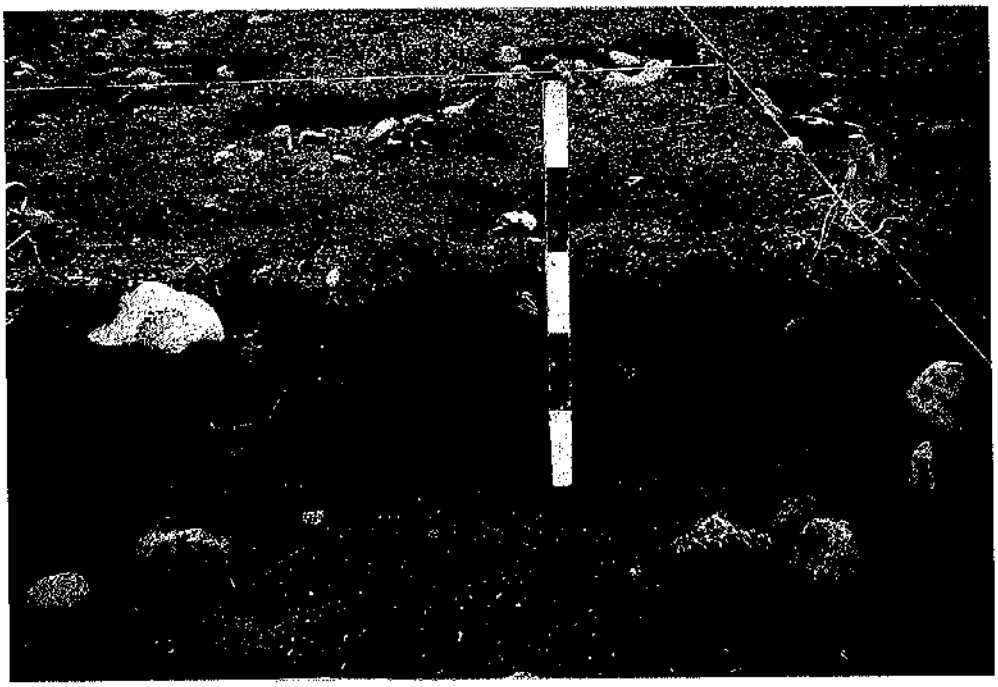

Photo 24. South profile of N9E8, Level 2, Area A.

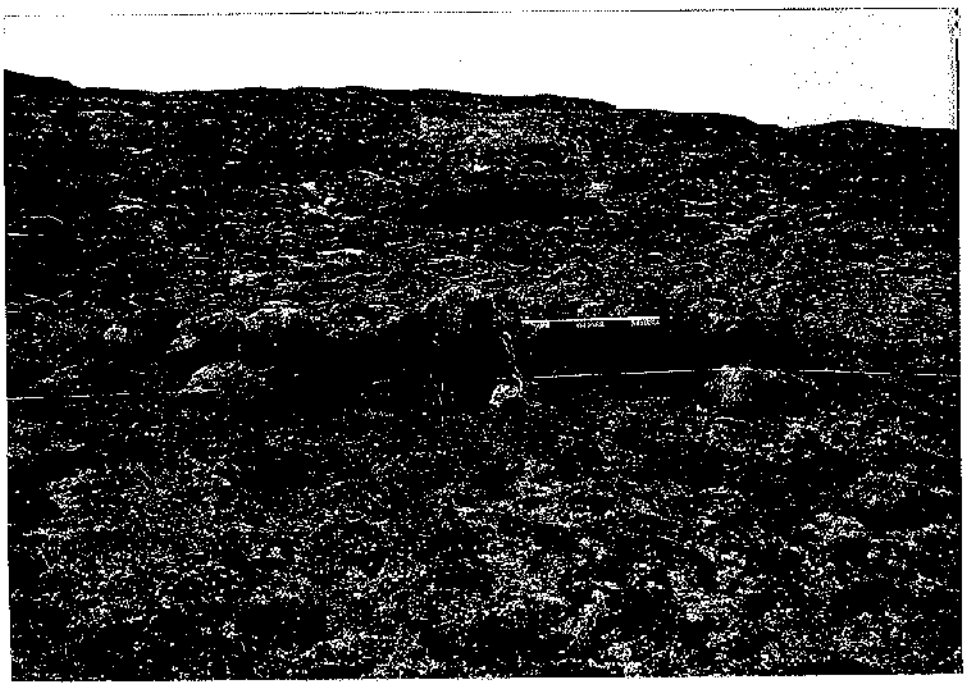

Photo 25. Area B tent ring, toward the south

Photo 26. Area B tent ring, toward the northeast.

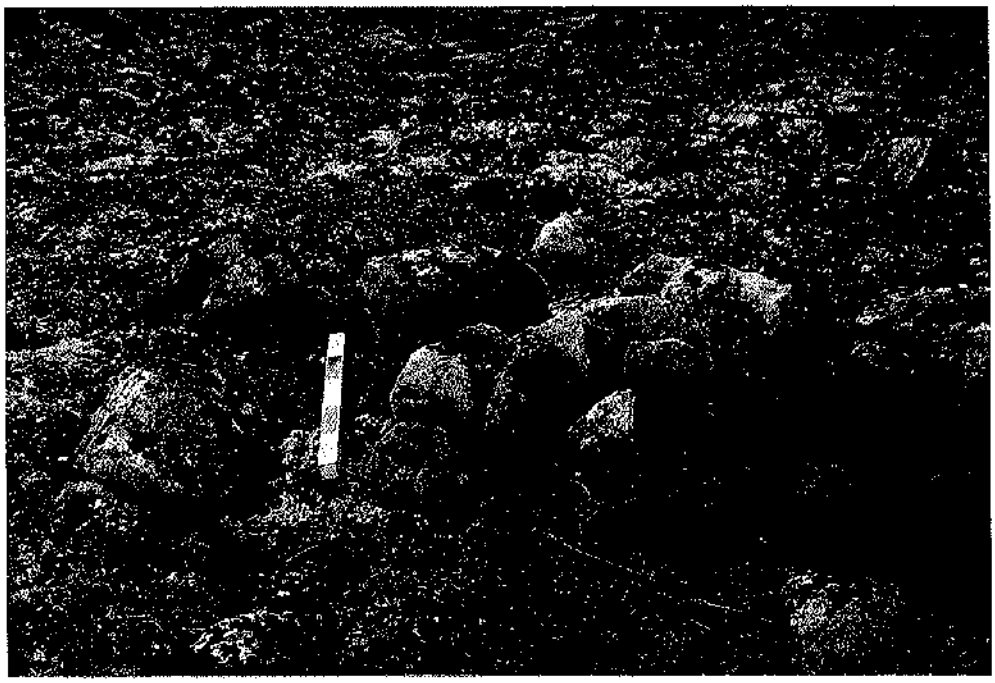

Photo 27. Recent feature southeast of the Area B tent ring, toward the south.

Photo 28. Area B tent ring under excavation, toward the west.

Photo 29. Excavated tent ring, Area B, toward the southwest.

Photo 30. Charcoal layer in the north profile of N10E36, Area B.

Photo 31. Excavated Structure 2, Area B, toward the south.

Photo 32. Area C, toward the east.

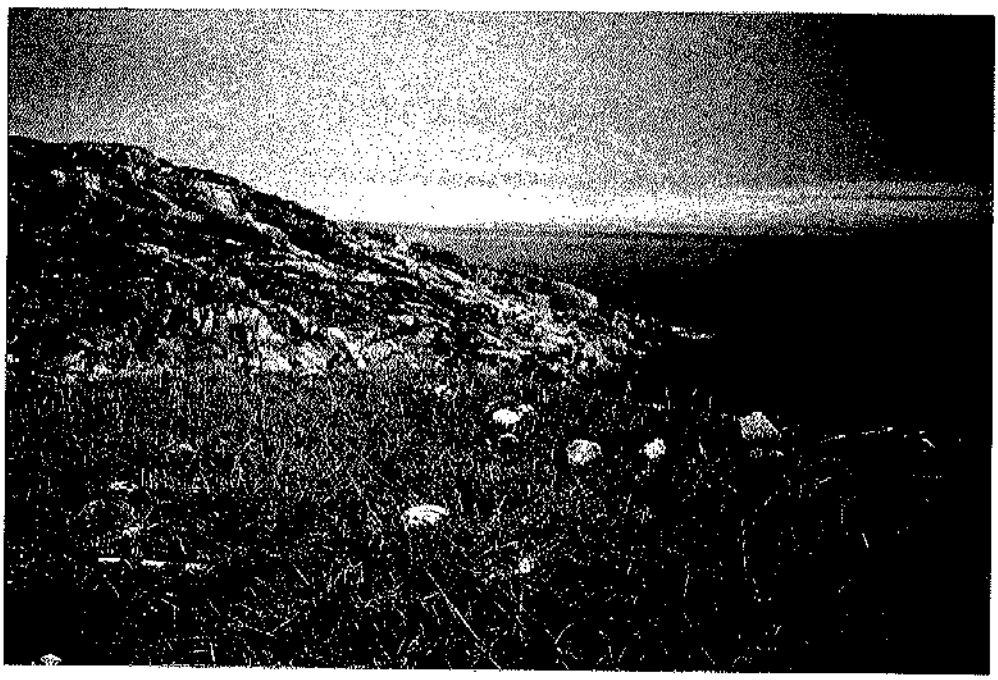

Photo 33. Area C, toward the northwest.

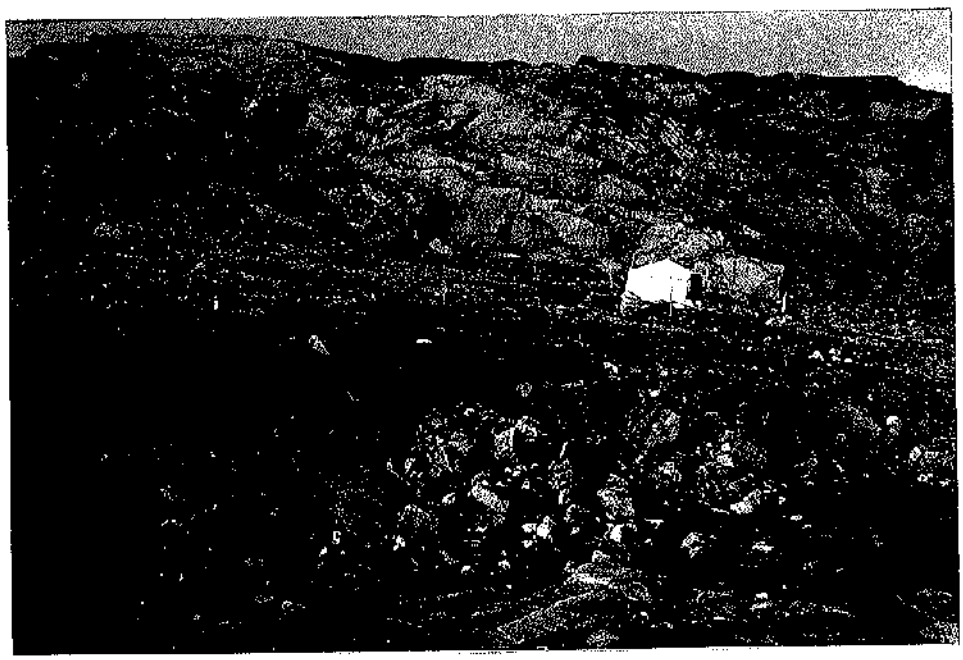

Photo 34. Area C, toward the west.

11.0 Artifact Photographs

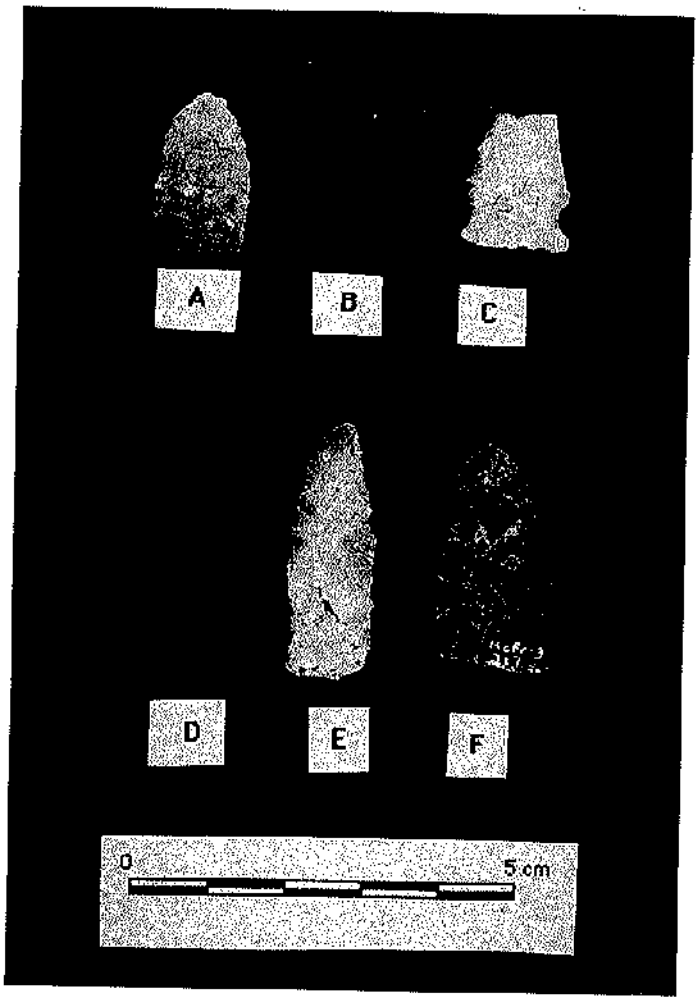

Plate 1.

A: KcFr-3.207, chert knife
B: KcFr-3.211, polished metabasalt knife
C: KcFr-3.219, polished chert knife
D: KcFr-3.212, knife (metabasalt?)
E: KcFr-3.209, chert knife
F: KcFr-3.217, slate knife

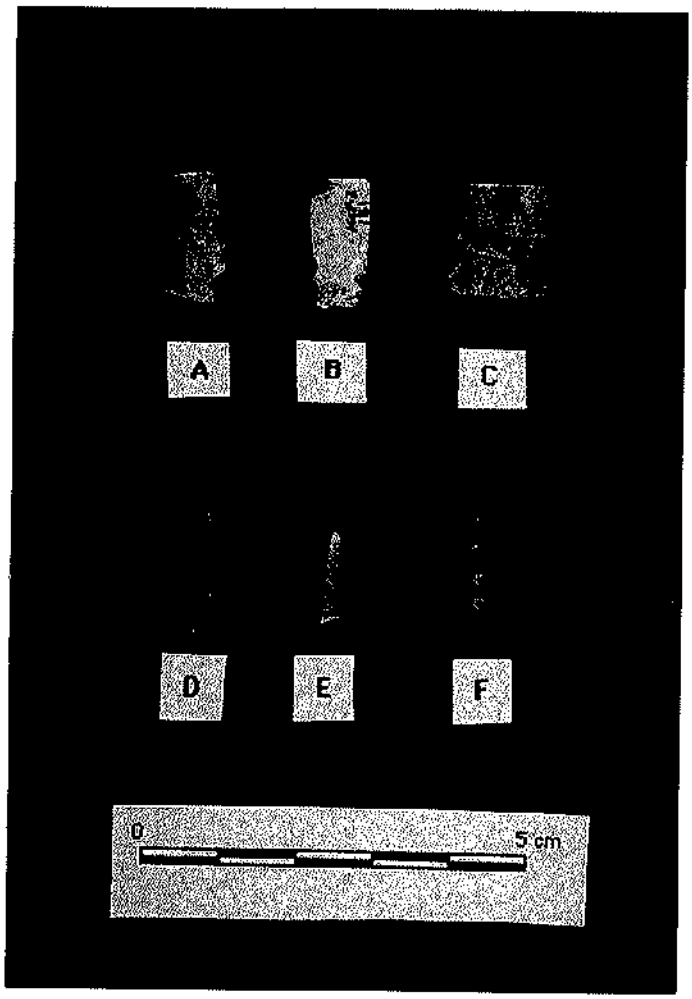

Plate 2.

A: KcFr-3.909, chert burin-like tool
B: KcFr-3.181, nephrite burin-like tool
C: KcFr-3.180, chert burin-like tool
D: KcFr-3.177, chert burin-like tool
E: KcFr-3.172, chert burin spall
F: KcFr-3.173, slate burin spall

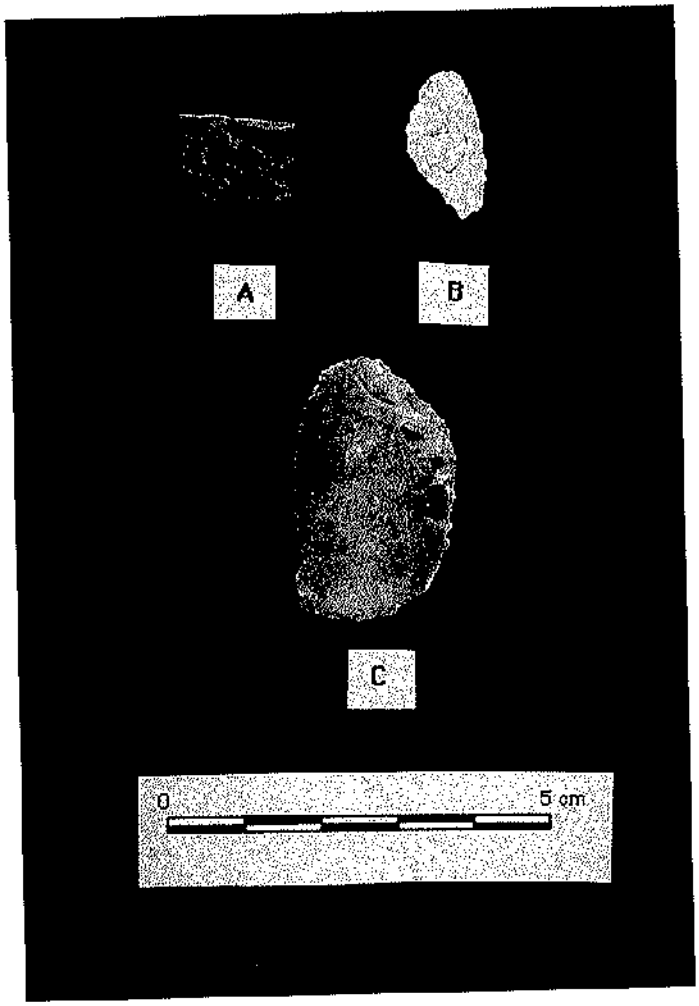

Plate 3. A: KcFr-3.251, chert biface fragment
B: KcFr-3.170, chert side blade
C: KcFr-3.244, chert biface fragment

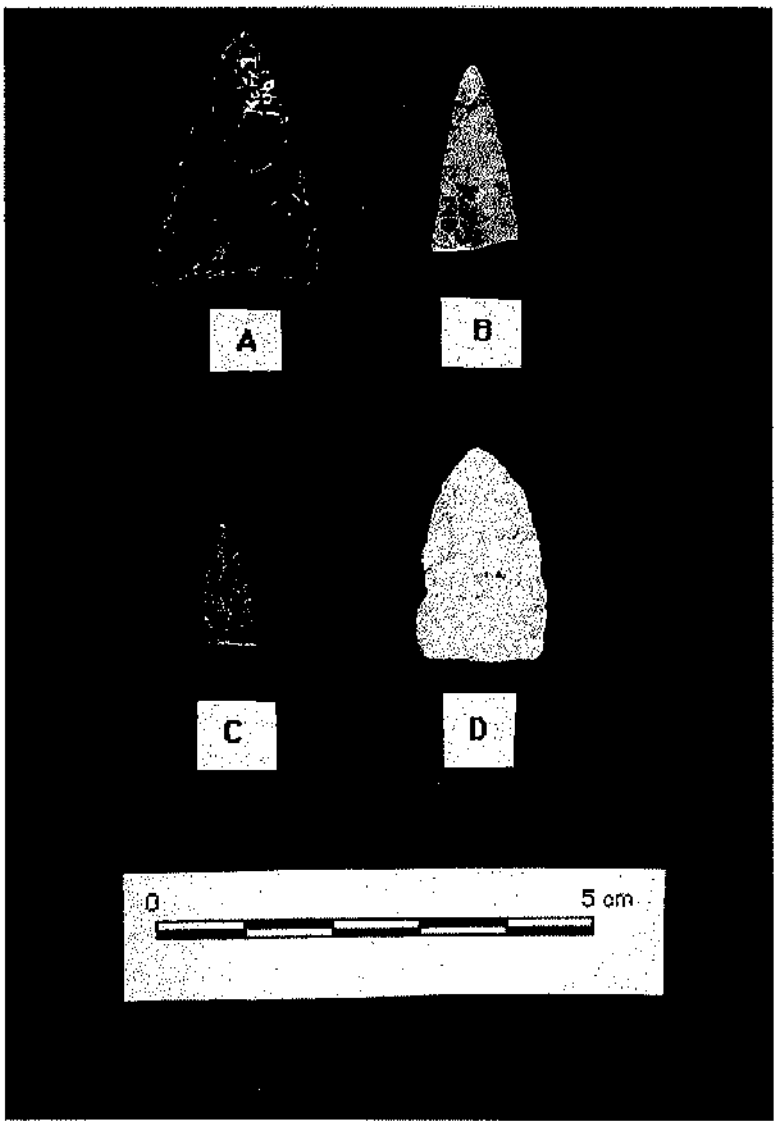

Plate 4. A: KcFr-3.196, quartzite point
B: KcFr-3.198, chert point
C: KcFr-3.201, chert point
D: KcFr-3.191, chert point

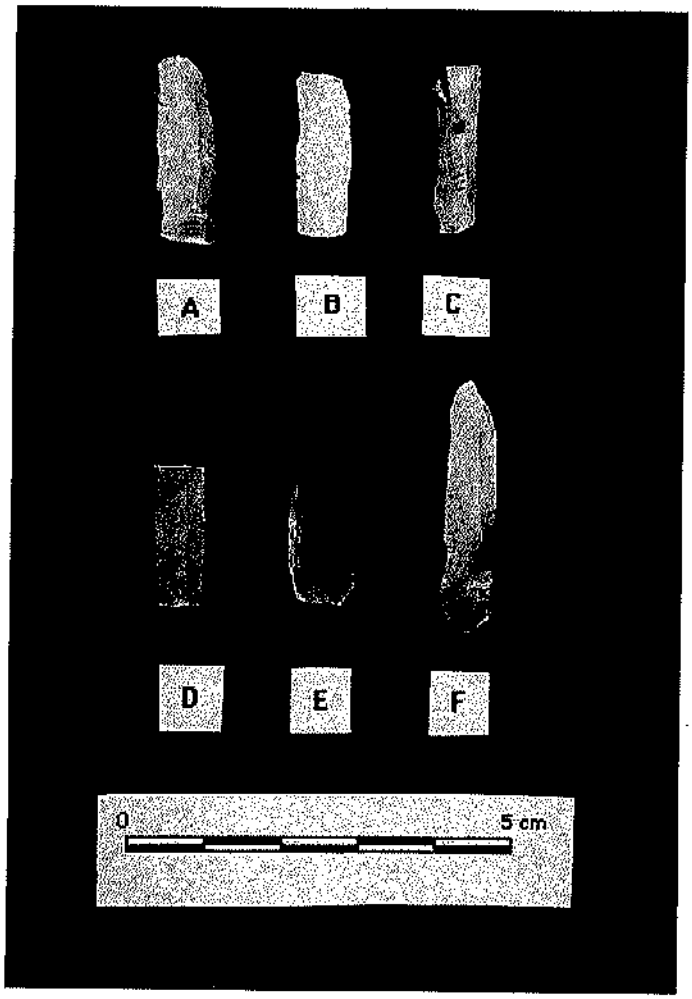

Plate 5. Chert Microblades

A: KcFr-3.75

B: KcFr-3.62

C: KcFr-3.79

D: KcFr-3.20

E: KcFr-3.27

F: KcFr-3.29

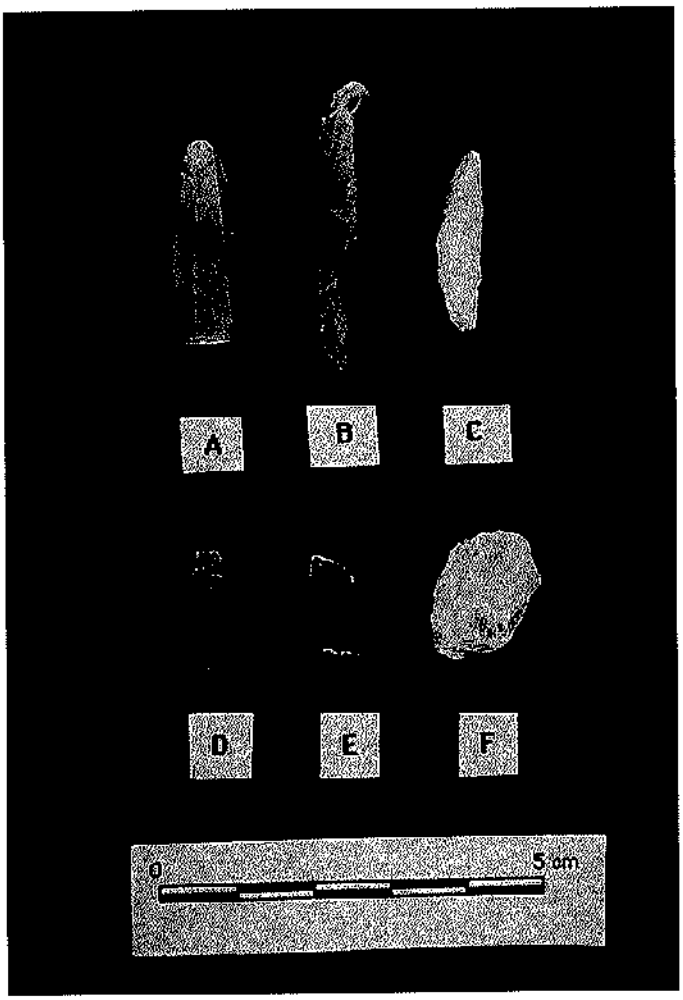

Plate 6.

A: KcFr-3.880, chert microblade
B: KcFr-3.24, chert microblade
C: KcFr-3.92, milky quartz microblade
D: KcFr-3.42, quartz crystal microblade
E: KcFr-3.142, quartz crystal microblade
F: KcFr-3,234, milky quartz microblade core

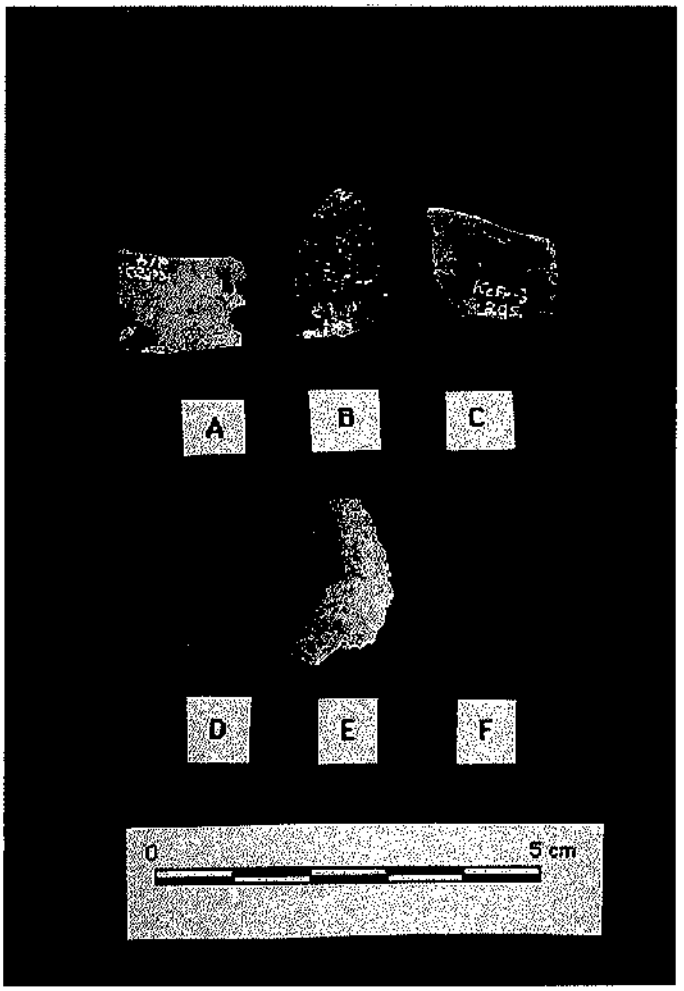

Plate 7.

A: KcFr-3.214, chert knife fragment
B: KcFr-3.213, quartz crystal knife
C: KcFr-3.205, chert knife fragment
D: KcFr-3.210, polished metabasalt knife
E: KcFr-3.216, chert knife
F: KcFr-3.218, polished slate knife

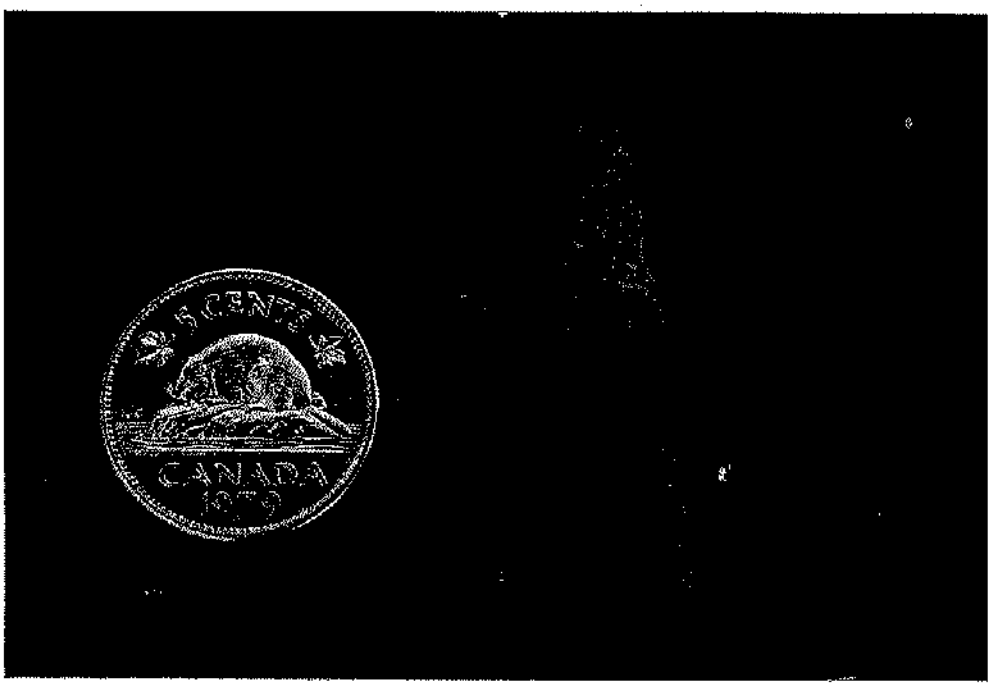

Plate 8. KcFr-3.933, harpoon head in antler

Appendix 1

List of Slides

Appendix 1. List of Slides

Number	Roll	Negative	Subject	Orientation	Date	Photographer
1	KR-01	4	Area B	SE	16/8/88	M. Nagy
2	"	5	Area A	SE	"	" "
3	"	6	Area C	NE	"	" "
4	"	7	Area A, Test pits?	NW	"	" "
5	"	18	Areas A and B	SE	"	" "
6	"	22	Areas A and B	S	"	" "
7	"	25	Area C	E	17/8/88	" "
8	"	31	KcFr-3	NE	"	" "
9	KR-02	7	Harpoon head	-	20/8/88	" "
10	"	9	Area A	NW	"	" "
11	"	10	Quatsaalik Alaku, Area A	NW	"	" "
12	"	11	Robert Bilodeau, Area A	E	"	" "
13	"	12	Moses Ainalik, Area A	E	"	" "
14	"	24	Area A	N	"	" "
15	KR-03	14	Area A excavations	E	"	" "
16	"	15	Area A excavations	W	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
17	"	16	Area A excavations	S	"	" "
18	"	17	Area A excavations	SW	"	" "
19	"	18	Area A: N11E8, N11E9, N10E8, N10E9	N	"	" "
20	"	19	Area A: N17E10, N16E10, N15E10	N	"	" "
21	"	20	Area A: N18E7, NE quadrant	N	"	" "
22	"	21	Area A: N18E7, NE quadrant	N	"	" "
23	"	22	Area A excavations	E	"	" "
24	"	23	Area A excavations	NE	"	" "
25	"	25	Area A excavations	S	"	" "
26	"	26	Area A excavations	N	"	" "
27	KR-04	1	Ali, Tivi, Qiyuk, and Moses, Area A	N	23/8/88	" "
28	"	3	Quatsaalik, and Moses, Area A	NE	"	" "
29	"	4	Ali, Tivi, and Qiyuk, Area A	E	"	" "
30	"	5	Robert Bilodeau, Area A	W	"	" "
31	"	6	Area A excavations	SE	"	" "
32	"	7	Tivi and Qiyuk, Area A	SE	"	" "
33	"	11	Area A, N15E8	SW	"	" "
34	"	19	Area A, N14E9	E	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
35	"	20	Area A, N13E8-E9/N14E8-E9	E	"	" "
36	"	21	Area A, N13E8-E9/N14E8-E9	E	"	" "
37	"	22	Aea A, N11E8 - N11E10	S	"	" "
38	"	23	Area A, N9E11, N10E11, N11E11, N12E11, and Tivi Paningayak	S	"	" "
39	"	24	Area A excavations	SE	23/8/88	" "
40	"	25	Area A, N9E8-E10/N10E8-E10	W	"	" "
41	"	28	Area A excavations	N	"	" "
42	"	29	Area A, N10E9	N	"	" "
43	"	30	Area A, N10E11-N11E12 & Tivi	S	"	" "
44	"	32	Area A, N13E7 (hearth to the NW)	N	"	" "
45	"	33	Area A, N13E7 (hearth to the NW)	N	"	" "
46	"	35	Area A excavations	SE	"	" "
47	"	37	Test pits, SW extremity of Area A	S	"	" "
48	KR-05	25	Area B	S	29/8/88	" "
49	"	26	Area B	NW	"	" "
50	"	27	Area B, circular tent ring	NW	"	" "
51	"	28	Area B	NE	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
52	"	29	Area B, N13E36, NE quadrant	N	"	" "
53	"	30	Area B, recent feature, SE section of the circular tent ring	SE	"	" "
54	"	31	Area A excavations	W	"	" "
55	"	34	Area A excavations	NW	"	" "
56	"	35	Area A, southern extremity	W	"	" "
57	"	36	Area A, northwest extremity	NW	"	" "
58	"	37	Area B excavations	SE	"	" "
59	KR-06	1	Area B, charcoal layer NW portion	N	31/8/88	" "
60	"	2	Area B, charcoal layer NW portion	N	"	" "
61	"	3	Area B, circular tent ring	W	"	" "
62	"	4	Area B, line N12	W	"	" "
63	"	5	Area B, circular tent ring	N	"	" "
64	"	6	Area A, N16E6, NE profile	E	"	" "
65	"	7	Area A, N14E5, hearth	N	"	" "
66	"	8	Area A, N13E5-N14ES, hearth	E	"	" "
67	"	9	Area A, N15E6, hearth	E	"	" "
68	"	10	Area A, N13E5	E	"	" "
69	"	11	Area A, N13E5-E7	W	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
70	"	12	Area A, N13E8, circular feature (hearth?)	S	"	" "
71	"	13	Area A, N13E8, circular feature (hearth?)	W	"	" "
72	"	14	Area A, N14E9	W	"	" "
73	"	15	Area A excavations	NW	"	" "
74	"	16	Area A excavations	NW	"	" "
75	"	17	Area A, southwestern extremity	E	"	" "
76	"	18	Area A, N9E11	W	"	" "
77	"	19	Area A, N13E8-E9/N14E8-E9	NW	"	" "
78	"	20	Area A, N12E9-E10/N13E9-E10	W	"	" "
79	"	21	Area A excavations	E	"	" "
80	"	22	Siasi Audlaluk, Area A	SE	"	" "
81	"	23	Area A excavations	S	"	" "
82	"	24	Area A, SW corner	S	"	" "
83	"	27	Area A excavations	SE	"	" "
84	KR-07	2	Area A, southern extremity	E	"	" "
85	"	3	Area A, southern extremity	W	"	" "
86	"	4	Area A, southern extremity	W	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
87	"	5	Area A excavations	NW	"	" "
88	"	6	Area A excavations	W	"	" "
89	"	7	Area B, tent ring	SW	"	" "
90	"	8	Area B, Structure 1 (?)	N	"	" "
91	"	9	Area B, Structure 1 (?)	S	"	" "
92	"	10	Area B, Structure 2 (?)	W	"	" "
93	"	11	Area A, Levels 1 and 2	E	"	" "
94	"	12	Area A, Levels 1 and 2	E	"	" "
95	"	13	Area A, N9E8, south profile	S	"	" "
96	"	14	Area A, N9E8, south profile	S	"	" "
97	"	18	Area A, N9E8, south profile	S	"	" "
98	"	19	Area C, terrace	NW	8/9/88	" "
99	"	20	Area C, terrace	E	"	R. Bilodeau
100	"	21	Area C, terrace	SE	"	" "
101	"	22	Area C	S	"	" "
102	"	23	Area C	SW	"	" "
103	"	24	Area C	W	"	" "
104	"	25	Area C, Taylor's trench	N	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
105	"	27	Area A, Level 2	N	9/9/88	M. Nagy
106	"	28	Area A, Level 2	NW	"	" "
107	"	29	Area A, Level 2, southern extremity	W	"	" "
108	"	31	Area A, Level 2, southern extremity	N	"	" "
109	"	32	Area A, Level 2, eastern extremity	N	"	" "
110	"	33	Area A, Level 2	NE	"	" "
111	"	34	Area A, Level 2	S	"	" "
112	"	35	Area A, Level 2	S	"	" "
113	"	36	Area A, Level 2	N	"	" "
114	"	37	Area A, Level 2	NE	"	" "
115	"	38	Area A, Level 2, N15	E	"	" "

Appendix 2

List of Colour Prints

Appendix 2. List of Colour Prints

Number	Roll	Negative	Subject	Orientation	Date	Photographer
1	KG-01	2A	Area B, tent ring	SW	31/8/88	M. Nagy
2	"	3A	Area B, tent ring	NW	"	" "
3	"	4A	Area B, tent ring	N	"	" "
4	"	5A	Area B, tent ring	NE	"	" "
5	"	6A	Area A	E	"	" "
6	"	7A	Area B, N13E36, NE quadrant	N	"	" "
7	"	12A	Area B, N10E36, NW quadrant charcoal layer	N	"	" "
8	"	13A	Area B, N10E36, NW quadrant charcoal layer	N	"	" "
9	"	14A	Area B, tent ring	SW	"	" "
10	"	15A	Area B, tent ring	SW	"	" "
11	"	16A	Area B, tent ring	NW	"	" "
12	"	17A	Area B, tent ring, N12	E	"	" "
13	"	18A	Area B, N9E11, large flagstone	N	"	" "
14	"	19A	Area A, N9E11 to N12E11	S	"	" "
15	"	20A	Area A, line N19	W	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
16	"	21A	Area A, N14E9, possible circular feature	S	"	" "
17	"	22A	Area A, N13E8, circular feature (possible hearth)	E	"	" "
18	"	23A	Area A, N14E5, hearth to the southeast	E	"	" "
19	"	24A	Area A: Louisa, Siasi, Qiyuk & Lisi	E	"	" "
20	"	25A	Area A, N12E5, soapstone slab	N	"	" "
21	"	26A	Area A, southeastern extremity with Tivi	S	"	" "
22	"	27A	Area A, northwestern extremity	NW	"	" "
23	"	28A	Area A, southwestern extremity	SW	"	" "
24	"	29A	Area A, northwestern extremity	W	"	" "
25	"	30A	Area A, line E7	S	"	" "
26	"	31A	Area A, southwestern extremity with Tivi and Lisi	S	"	" "
27	"	32A	Area A, N14E5, west profile	W	"	" "
28	"	33A	Area A, N14E5, west profile	W	"	" "
29	KG-02	1A	Area A, lines E5 and E6	E	2/9/88	" "
30	"	3A	Area A, northeastern extremity with Louisa and Qiyuk	SE	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
31	"	4A	Area A: Ginette Savard, Joska, Quatsaalik, Tivi and Siasi	S	"	" "
32	"	5A	Area A, northwestern extremity (earlier test pit in centre)	W	"	" "
33	"	6A	Area B	SW	"	" "
34	"	7A	Area A	E	"	" "
35	"	8A	Areas A and B	E	"	" "
36	"	9A	Area A, Quatsaalik, Joska, and Ginette	NW	"	" "
37	"	10A	Area A, lines N8-N10, with Tivi, Lisi, and Siasi	E	"	" "
38	"	11A	Area A, Quatsaalik, Joska and Ginette	NW	"	" "
39	"	12A	Area B, Suzie and Robert	E	"	" "
40	"	13A	Area A, northwestern extremity, Siasi and Joska	N	"	" "
41	"	14A	Areas A and B	E	"	" "
42	"	15A	Area A	SW	"	" "
43	"	17A	Area B view from Area A	3	"	" "
44	"	18A	Area B, Suzie and Robert	NE	"	" "
45	"	19A	Area B, Structure 2 (?)	E	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
46	"	20A	Area A	E	"	" "
47	"	33A	Area A, N8, N9	E	"	" "
48	"	34A	Area A, N8, N9	W	"	" "
49	"	35A	Area A, N8, N9	NW	"	" "
50	"	36A	Area A N13E11	E	"	" "
51	KG-03	1	Area A, N9E8, south profile, Level 2	S	8/9/88	" "
52	"	2	Area A, N9E8, south profile, Level 2	S	"	" "
53	"	3	Area A, N13-N14E9, Level 2	S	"	" "
54	"	4	Area A, N13-N14E9, Level 2	S	"	" "
55	"	5	Area A, N17-N18E9, Level 2	S	"	" "
56	"	6	Area A, N17-N18E9, Level 2	S	"	" "
57	"	7	Area A, N18E5-E6, Level 2	E	"	" "
58	"	8	Area A, N18E5-E6, Level 2	E	"	" "
59	"	9	Area A, N18E5-E6, Level 2	E	"	" "
60	"	10	Area A, N16E6 to N16E8, Level 2	E	"	" "
61	"	11	Area A, N16E6 to N16E8, Level 2	E	"	" "
62	"	12	Area A, N11E11, Northwest quadrant profile	S	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
63	"	13	Area A, N11E11, Northwest quadrant profile	S	"	" "
64	"	14	Area C, terrace	NW	"	R. Bilodeau
65	"	15	Area C, terrace	W	"	" "
66	"	16	Area C, terrace	SW	"	" "
67	"	17	Area C, terrace	SW	"	" "
68	"	18	Area C, terrace	SE	"	" "
69	"	19	Area C, terrace	E	"	" "
70	"	20	Area A, Level 2	SE	9/9/88	M. Nagy
71	"	21	Area A, Level 2	N	"	" "
72	"	22	Area A, Level 2	NW	"	" "
73	"	23	Area A, Level 2, southwestern extremity	W	"	" "
74	"	24	Area A, Level 2, eastern extremity	N	"	" "
75	"	25	Area A, Level 2, centre	S	"	" "
76	"	26	Area A, Level 2, centre	E	"	" "

Appendix 3

List of Black and White Prints

Appendix 3. List of Black and White Prints

Number	Roll	Negative	Subject	Orientation	Date	Photographer
1	NB-01	1	Area A, N15E10 to N17E10	N	20/8/88	M. Nagy
2	"	2	Area A, N15E10 to N17E10	N	"	" "
3	"	3	Area A	SE	"	" "
4	"	4	Area A	SE	"	" "
5	"	5	Area A, eastern extremity	NE	"	" "
6	"	6	Area A, eastern extremity	NE	"	" "
7	"	7	Area A, centre	N	"	" "
8	"	8	Area A, centre	N	"	" "
9	"	9	Area A, centre	S	"	" "
10	"	10	Area A, centre	S	"	" "
11	"	11	Area A, centre	SE	"	" "
12	"	12	Area A, centre	SE	"	" "
13	"	13	Area A, centre	E	"	" "
14	"	14	Area A, centre	E	"	" "
15	"	18	Area B, tent ring	NW	31/8/88	" "
16	"	19	Area B, tent ring	NW	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
17	"	20	Area B, tent ring	S	"	" "
18	"	21	Area B, tent ring	S	"	" "
19	"	22	Area B, tent ring	NE	"	" "
20	"	23	Area B, tent ring, recent feature in southeast corner	N	"	" "
21	"	24	View of Area A from Area B	W	"	" "
22	"	25	Area B, N12E36, Northest quadrant, mandible	N	"	" "
23	"	26	Area A, western extremity	N	"	" "
24	"	27	Area A, centre	N	"	" "
25	"	28	Area A	NW	"	" "
26	"	29	Area A	NW	"	" "
27	"	30	Area A, lines N9 and N9	W	"	" "
28	"	31	Area A, N9E11	W	"	" "
29	"	32	Area A, N10-N11E12	S	"	" "
30	"	33	Area A, lines N12 and N13	W	"	" "
31	"	34	Area A, N14E9, circular feature (possible hearth)	W	"	" "
32	"	35	Area A, N13E8, circular feature (possible hearth)	E	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
33	"	36	Area A, N16-N17E10	N	"	" "
34	"	37	Area A, line E9	S	"	" "
35	NB-02	0	Area A	NW	"	" "
36	"	1	Area A	NW	"	" "
37	"	2	Area A, first (128 x 128 cm) test pit	NW	"	" "
38	"	3	Area A, second (128 x 128 cm) test pit	NW	"	" "
39	"	4	Area A, third (30 x 30 cm) test pit	N	"	" "
40	"	5	Area A, N14E5, fire-cracked rocks to the southeast	E	"	" "
41	"	6	Area A, N14E5, fire-cracked rocks to the southeast	E	"	" "
42	"	7	Area B, N10E36, NW quad, charcoal layer	N	"	" "
43	"	8	Area B, N10E36, NW quad, charcoal layer	N	"	" "
44	"	9	Area B, tent ring, line N12	W	"	" "
45	"	10	Area B, tent ring	S	"	" "
47	"	11	Area B, tent ring	NW	"	" "
48	"	12	Area B, tent ring, line N12	E	"	" "
49	"	13	Area A, lines E5 and E6	S	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
50	"	14	Area A, lines E5 and E6	S	2/9/88	" "
51	"	15	Area A, northern extremity	E	"	" "
52	"	16	Area A, northern extremity	E	"	" "
53	"	17	Area A, northwestern extremity	N	"	" "
54	"	18	Area A, centre	E	"	" "
55	"	19	Area A, western extremity	S	"	" "
56	"	20	Area B	SE	"	" "
57	"	21	Areas B and A	W	"	" "
58	"	22	Area A, with Quatsaalik	NW	"	" "
59	"	23	Area A, southeastern extremity	E	"	" "
60	"	24	Area A, lines E10 and E11	N	"	" "
61	"	25	Area A, lines N8 and N9	E	"	" "
62	"	26	Area A	NW	"	" "
63	"	27	Area A, N8E10-E11	W	"	" "
64	"	28	Area A, N9E8, south profile	S	"	" "
65	"	29	Area A, N9E8, south profile	S	"	" "
66	"	30	Area A, N9E8, south profile	S	"	" "
67	"	31	Area A, Level 2	NE	7/9/88	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
68	"	32	Area A, Level 2, N18E5-E6	W	"	" "
69	"	33	Area A, Level 2, N18E5-E6	W	"	" "
70	"	34	Area A, Level 2, N17-N18E9	S	8/9/88	" "
71	"	35	Area A, Level 2, N17-N18E9	S	"	" "
72	"	36	Area A, Level 2, N13-N14-E9	S	"	" "
73	NB-03	2	Area C, terrace	NW	"	R. Bilodeau
74	"	3	Area C, terrace	NW	"	" "
75	"	4	Area C, terrace	W	"	" "
76	"	5	Area C, terrace	SW	"	" "
77	"	6	Area C, terrace	E	"	" "
78	"	7	Area C, terrace	NE	"	" "
79	"	8	Area A, Level 2	SE	9/9/88	M. Nagy
80	"	9	Area A, Level 2	NE	"	" "
81	"	10	Area A, Level 2	NW	"	" "
82	"	11	Area A, Level 2, N8E10-E11/ N9E10-E11	W	"	" "
83	"	12	Area A, Level 2, N10E11-E12/ N11E11-E12	N	"	" "
84	"	13	Area A, Level 2, N10E11-E12/ N11E11-E12	N	"	" "

Number	Roll	Negative	Subject	Orientation	Date	Photographer
85	"	14	Centre of Area A, line E9	S	"	" "
86	"	15	Area A, northern extremity	E	"	" "
87	"	18	Area A, after backfilling	SE	"	" "
88	"	19	View of Area C from Area A	NE	"	" "
89	"	20	Areas A and B, after backfilling	SE	"	" "
90	"	21	Area A, after backfilling	SE	"	" "

Appendix 4

Artifact Catalogue

Appendix 4. Artifact Catalogue

A. Worked or Used Objects

Area	Catalogue Number	Object	m2	Quad.	Level	Raw Material	Excavator
A	4	Microblade	N8E11	NE	1	chert	T.P.
	5	Microblade	N8E11	SE	1	quartz crystal	T.P.
	6	Microblade	N8E11	NE	2	chert	T.P.
	7	Microblade	N8E11	NE	2	chert	T.P.
	8	Microblade	N8E11	NE	2	chert	T.P.
	9	Microblade	N8E11	NE	2	chert	T.P.
	10	Microblade	N9E8	SE	2	quartz crystal	S.A.
	11	Microblade	N9E8	SE	2	quartz crystal	S.A.
	12	Microblade	N9E11	NE	2	chert	T.P.
	13	Microblade	N9E11	SE	2	chert	T.P.
	14	Microblade	N9E11		2	chert	T.P.
	15	Microblade	N9E11		2	chert	T.P.
	16	Microblade	N9E11		2	chert	T.P.
	17	Microblade	N10E8	SE	1	chert	M.A.
	18	Microblade	N10E8	SW	1	chert	M.A.
	19	Microblade	N10E8	NW	1	chert	M.A.
	20	Microblade	N10E9	NE	2	chert	T.P.
	21	Microblade	N10E9	NE	1	chert	T.P.
	22	Microblade	N10E10	NW	2	quartz crystal	T.P.
	23	Microblade	N10E11	NE	1	milky quartz	M.A.
	24	Microblade	N10E11	SE	1	chert	M.A.

Area	Catalogue Number	Object	m2	Quad.	Level	Raw Material	Excavator
	25	Microblade	N10E12	SW	2	chert	T.P.
	26	Microblade	N11E8	SW	1	chert	A.A.
	27	Microblade	N11E9	SW	1	chert	Q.A.
	28	Microblade	N11E9	SE	2	chert	Q.A.
	29	Microblade	N11E10	SE	1	chert	T.P.
	30	Microblade	N11E10	SE	2	chert	T.P.
	31	Microblade	N11E10	NE	2	quartz crystal	T.P.
	32	Microblade	N11E10		2	quartzite	T.P.
	33	Microblade	N11E11		2	chert	Q.A.
	34	Microblade	N11E12	NE	1	milky quartz	Q.A.
	35	Microblade	N11E12	SE	2	milky quartz	Q.A.
	36	Microblade	N12E4	NW	1	chert	R.B.
	37	Microblade	N12E4	NW	1	chert	R.B.
	38	Microblade	N12E5	NE	1	chert	Q.Q.
	39	Microblade	N12E6	NW	1	chert	Q.Q.
	40	Microblade	N12E7	NW	1	chert	A.A.
	41	Microblade	N12E7	NW	2	quartz crystal	L.U.
	42	Microblade	N12E8	SW	2	quartz crystal	M.A.
	43	Microblade	N12E10	SE	1	milky quartz	T.P.
	44	Microblade	N12E10	SE	2	milky quartz	T.P.
	45	Microblade	N12E10	NW	2	chert	T.P.
	46	Microblade	N12E11	NW	2	chert	Q.Q.
	47	Microblade	N12E12	NW	1	chert	Q.A.
	48	Microblade	N12E12	NW	2	quartzite	Q.A.
	49	Microblade	N13E3	SE	1	chert	R.B.

Area	Catalogue Number	Object	m2	Quad.	Level	Raw Material	Excavator
	50	Microblade	N13E3	SE	1	quartz crystal	R.B.
	51	Microblade	N13E3	SE	1	quartz crystal	R.B.
	52	Microblade	N13E5	SE	1	quartz crystal	T.P.
	53	Microblade	N13E5	NE	1	quartzite	T.P.
	54	Microblade	N13E5	NE	1	quartz crystal	T.P.
	55	Microblade	N13E5	NE	1	quartz crystal	T.P.
	56	Microblade	N13E6	NE	1	quartz crystal	Q.A.
	57	Microblade	N13E7	NE	1	chert	A.A.
	58	Microblade	N13E7	NE	1	chert	A.A.
	59	Microblade	N13E7	SE	1	chert	A.A.
	60	Microblade	N13E7	SE	1	chert	A.A.
	61	Microblade	N13E7	SE	1	milky quartz	A.A.
	62	Microblade	N13E7	SE	1	chert	A.A.
	63	Microblade	N13E7	NE	1	chert	A.A.
	64	Microblade	N13E8	NW	1	chert	T.P.
	65	Microblade	N13E8	SE	2	chert	L.U.
	66	Microblade	N13E9	NW	1	quartz crystal	Q.Q.
	67	Microblade	N14E5	NE	1	chert	M.A.
	68	Microblade	N14E5	SE	1	chert	M.A.
	69	Microblade	N14E5	NW	1	chert	M.A.
	70	Microblade	N14E5		2	quartz cystal	M.A.
	71	Microblade	N14E5		2	quartz crystal	M.A.
	72	Microblade	N14E6	NE	1	milky quartz	M.A.
	73	Microblade	N14E6	SW	1	quartzite	M.A.
	74	Microblade	N14E6	NE	2	milky quartz	R.B.

Area	Catalogue Number	Object	m2	Quad.	Level	Raw Material	Excavator
	75	Microblade	N14E7	NE	1	chert	Q.A.
	76	Microblade	N14E7	SE	1	chert	Q.A.
	77	Microblade	N14E7	SE	1	chert	Q.A.
	78	Microblade	N14E7	NW	1	chert	Q.A.
	79	Microblade	N14E7	NE	2	chert	Q.A.
	80	Microblade	N14E8	NE	1	quartz crystal	T.P.
	81	Microblade	N14E8	SE	1	chert	T.P.
	82	Microblade	N14E8	SW	1	quartz crystal	T.P.
	83	Microblade	N14E8	SW	1	quartz crystal	T.P.
	84	Microblade	N14E8	SE	2	quartz crystal	T.P.
	85	Microblade	N14E8	SE	2	quartz crystal	T.P.
	86	Microblade	N14E8	SE	2	chert	T.P.
	87	Microblade	N14E9	NW	1	quartz crystal	T.P.
	88	Microblade	N14E9	NW	1	quartz crystal	T.P.
	89	Microblade	N15E3	SE	1	chert	T.P.
	90	Microblade	N15E5	SE	1	chert	S.A.
	91	Microblade	N15E5	NW	2	chert	L.P.
	92	Microblade	N15E5	NW	2	milky quartz	L.P.
	93	Microblade	N15E6	NE	1	milky quartz	L.P.
	94	Microblade	N15E7	NE	1	chert	Q.A.
	95	Microblade	N15E7	SE	1	milky quartz	Q.A.
	96	Microblade	N15E7	SE	1	chert	Q.A.
	97	Microblade	N15E7	SE	1	milky quartz	T.P.
	98	Microblade	N15E7	SE	1	chert	Q.A.
	99	Microblade	N15E7	SE	1	chert	Q.A.

Area	Catalogue Number	Object	m2	Quad.	Level	Raw Material	Excavator
	100	Microblade	N15E7	SE	2	chert	Q.Q.
	101	Microblade	N15E7	SW	1	chert	Q.A.
	102	Microblade	N15E7	NW	1	milky quartz	Q.A.
	103	Microblade	N15E8	NE	1	milky quartz	Q.Q.
	104	Microblade	N15E8	SE	1	quartz crystal	Q.Q.
	105	Microblade	N15E8	SE	1	milky quartz	Q.Q.
	106	Microblade	N15E8	SE	1	quartz crystal	Q.Q.
	107	Microblade	N15E8	SW	1	milky quartz	Q.Q.
	108	Microblade	N15E8	SW	1	chert	Q.Q.
	109	Microblade	N15E8	SW	1	chert	Q.Q.
	110	Microblade	N15E8	NW	1	chert	Q.Q.
	111	Microblade	N15E8		1	quartzite	Q.Q.
	112	Microblade	N15E8		1	chert	Q.Q.
	113	Microblade	N15E8		1	chert	Q.Q.
	114	Microblade	N15E8		1	chert	Q.Q.
	115	Microblade	N15E8		1	chert	Q.Q.
	116	Microblade	N15E8		2	chert	S.A.
	117	Microblade	N15E9	SE	2	chert	L.U.
	118	Microblade	N15E9	SW	1	milky quartz	R.B.
	119	Microblade	N15E9	SW	1	milky quartz	R.B.
	120	Microblade	N15E9	SW	1	chert	R.B.
	121	Microblade	N15E9	SW	1	chert	R.B.
	122	Microblade	N15E9	SW	1	hyalin	R.B.
	123	Microblade	N15E9	SW	1	chert	R.B.
	124	Microblade	N15E9	SW	1	chert	R.B.

Area	Catalogue Number	Object	m2	Quad.	Level	Raw Material	Excavator
	125	Microblade	N15E9	NW	1	milky quartz	R.B.
	126	Microblade	N15E9	NW	1	hyalin	R.B.
	127	Microblade	N15E9		1	chert	R.B.
	128	Microblade	N15E9		1	chert	R.B.
	129	Microblade	N15E9		1	milky quartz	R.B.
	130	Microblade	N15E9		1	milky quartz	R.B.
	131	Microblade	N15E9		1	milky quartz	R.B.
	132	Microblade	N15E9		1	quartz crystal	R.B.
	133	Microblade	N15E9		1	milky quartz	R.B.
	134	Microblade	N15E9		1	milky quartz	R.B.
	135	Microblade	N15E9	SW	2	chert	L.U.
	136	Microblade	N15E9	NW	2	milky quartz	L.U.
	137	Microblade	N15E9		2	milky quartz	L.U.
	138	Microblade	N15E9		2	milky quartz	L.U.
	139	Microblade	N15E9		2	chert	L.U.
	140	Microblade	N15E10	NW	1	chert	R.B.
	141	Microblade	N16E7	NE	1	chert	M.A.
	142	Microblade	N16E8	SE	1	quartz crystal	M.A.
	143	Microblade	N16E8	NW	1	chert	M.A.
	144	Microblade	N16E8	SE	2	chert	M.A.
	145	Microblade	N16E10	NW	1	milky quartz	D.R.
	146	Microblade	N16E10	NE	2	milky quartz	D.R.
	147	Microblade	N17E5	SW	1	chert	S.A.
	148	Microblade	N17E6	NW	1	chert	L.U.
	149	Microblade	N17E10	SE	1	chert	D.R.

Area	Catalogue Number	Object	m2	Quad.	Level	Raw Material	Excavator
	150	Microblade	N17E10	SE	1	milky quartz	D.R.
	151	Microblade	N17E10	SE	1	quartz crystal	D.R.
	152	Microblade	N17E10	SW	1	chert	D.R.
	153	Microblade	N18E5	NE	1	chert	Q.A.
	154	Microblade	N18E5	SE	1	chert	Q.A.
	155	Microblade	N18E9	NW	1	chert	Q.A.
	156	Microblade	N18E9	NW	1	chert	Q.A.
	157	Microblade	N18E9	NW	1	chert	Q.A.
	158	Microblade	N18E9	NW	1	milky quartz	Q.A.
	159	Microblade	N19E7	NW	1	chert	Q.A.
	160	Microblade	N19E7	SE	1	chert	Q.A.
	161	Microblade	N19E7	SW	1	chert	Q.A.
	162	Microblade	N19E7	NW	1	quartz crystal	Q.A.
	163	Microblade	N19E7	NE	2	chert	M.A.
	164	Microblade	N19E7	SE	2	chert	M.A.
	165	Microblade	N19E7	NW	2	chert	M.A.
	166	Microblade	N19E7		2	chert	M.A.
	167	Blade	N10E9	SW	2	hyalin	T.P.
	168	Microblade	N10E10	NE	2	chert	T.P.
	169	Blade	N12E11	SE	1	chert	Q.Q.
	170	Side blade	N12E12	SE	2	chert	Q.A.
	171	Side blade	N14E8	NE	2	chert	L.U.
	172	Burin spall	N9E11		2	chert	T.P.
	173	Burin spall	N14E5	SW	1	chert	M.A.
	174	Burin spall	N14E7	NE	1	chert	Q.A.

Area	Catalogue Number	Object	m2	Quad.	Level	Raw Material	Excavator
	175	Burin spall	N18E5	SW	2	chert	R.B.
	176	Burin-like tool spall?	N18E11	SE	2	chert	T.P.
	177	Burin-like tool	N3E11	SE	2	chert	T.P.
	178	Burin-like tool	N9E11	NE	1	chert	T.P.
	179	Burin-like tool	N9E11	NE	2	quartz crystal	T.P.
	180	Burin-like tool	N10E9	NW	2	chert	T.P.
	181	Burin-like tool	N10E12	SW	1	nephrite	T.P.
	182	Burin-like tool	N10E12	NW	2	nephrite	T.P.
	183	Burin-like tool	N13E7	NW	2	nephrite	S.A.
	184	Burin-like tool	N16E10	SW	2	chert?	Q.Q.
	185	Burin-like tool	N17E6	NW	1	chert?	L.U.
	186	Endscraper	N11E9	SW	2	quartz crystal	S.A.
	187	Point	N15E9	NE	1	milky quartz	R.B.
	188	Endscraper	N13E9	SW	2	quartzite	L.U.
	189	Side scraper?	N17E7	NE	1	quartzite	Q.A.
	190	Point	N8E10	SE	1	chert	T.P.
	191	Point	N8E11	SW	1	chert	T.P.
	192	Point	N9E10	SE	1	chert	T.P.
	193	Point roughout	N9E10	SE	2	quartz crystal	T.P.
	194	Knife	N9E11	SW	2	chert	T.P.
	195	Point	N10E9	NE	2	chert	T.P.
	196	Point	N10E12	NE	1	quartzite?	Q.A.
	197	Point	N12E11	NE	2	milky quartz	Q.A.
	198	Point	N14E6	NE	1	chert	M.A.

Area	Catalogue Number	Object	m2	Quad.	Level	Raw Material	Excavator
	200	Point fragment	N14E9	NE	1	chert	Q.A.
	201	Point fragment	N14E9	NE	1	chert	Q.Q.
	202	Point	N15E8		2	chert	S.A.
	203	Point	N16E10	NW	2	chert?	Q.Q.
	204	Knife	N8E10	NE	2	chert	T.P.
	205	Knife	N9E10	NE	1	chert	T.P.
	206	Knife	N9E10	NE	2	chert	T.P.
	207	Knife	N9E11	SW	1	chert	T.P.
	208	Knife	N10E11	SW	1	chert	Q.A.
	209	Knife	N10E11	SW	2	chert	M.A.
	210	Polished Knife	N10E12	NW	1	metabasalt	Q.A.
	211	Polished Knife	N10E12	NW	2	metabasalt	Q.A.
	212	Knife	N11E9	NW	1	metabasalt	Q.A.
	213	Knife	N11E12	SE	2	quartz crystal	T.P.
	214	Knife	N13E6	NE	1	chert	Q.A.
	215	Knife?	N13E7	NW	2	chert	S.A.
	216	Knife?	N14E6	SW	1	chert	M.A.
	217	Knife	N14E8	SW	2	Slate	L.U.
	218	Polished Knife	N15E9	SE	1	Slate	R.B.
	219	Polished Knife	N9E10	SE	1	chert	T.P.
	221	Polished fragment	N9E11	SW	1	chert?	T.P.
	222	Polished fragment	N13E7	SE	2	nephrite	S.A.
	223	Polished fragment	N14E7	NE	2	nephrite	R.B.

Area	Catalogue Number	Object	m2	Quad.	Level	Raw Material	Excavator
	224	Polished fragment	N14E8	SE	1	nephrite	L.U.
	225	Polished fragment	N14E9	NW	2	nephrite	L.U.
	226	Polished fragment	N15E7	NE	Surf.	Slate	Q.A.
	227	Microblade core	N10E7	NE	1	quartz crystal	Q.Q.
	228	Microblade core	N12E12	NW	2	chert	Q.A.
	229	Microblade core	N13E5	NE	1	quartz crystal	T.P.
	230	Microblade core	N13E5	NE	1	quartz crystal	T.P.
	231	Microblade core	N13E5	NW	1	quartz crystal	T.P.
	232	Microblade core	N13E7	SW	1	milky quartz	A.A.
	233	Microblade core	N15E5	SW	1	hyalin	Q.Q.
	234	Microblade core	N15E9	NW	1	milky quartz	S.A.
	235	Flake core	N16E6	SW	1	chert	T.P.
	236	Flake core	N18E7	NE	1	metabasalt	M.A.
	237	Flake core	N10E11	SE	2	chert	T.P.
	238	Flake core	N13E6	NE	1	quartz	Q.A.
	239	Point fragment	N9E10	SE	2	chert	T.P.
	240	Burin-like tool spall	N14E5		2	chert	Q.Q.
	241	Burin-like tool spall	N15E9		1	chert	R.B.
	242	Burin spall	N15E10	NW	1	chert	R.B.
	243	Biface fragment	N8E11	NE	2	chert	T.P.
	244	Biface fragment	N11E12	NE	2	chert	Q.A.
	245	Biface fragment	N9E10	NE	2	chert	T.P.

Area	Catalogue Number	Object	m2	Quad.	Level	Raw Material	Excavator
	246	Biface fragment	N8E11	SE	2	chert	T.P.
	247	Biface fragment	N13E7	SE	1	chert	A.A.
	248	Biface fragment	N8E10	SW	2	chert	T.P.
	249	Biface fragment	N10E9	SW	1	chert	Q.A.
	250	Biface fragment	N8E11	SE	2	chert	T.P.
	251	Biface fragment	N10E10	SE	2	chert	T.P.
	252	Biface fragment	N12E10	SE	1	chert	T.P.
	253	Biface fragment	N13E10	SE	1	chert	M.A.
	254	Biface fragment	N14E8	NE	2	milky quartz	L.U.
	255	Biface fragment	N16E9	NW	1	chert	D.R.
	256	Biface fragment	N18E7	NE	1	milky quartz	M.A.
	257	Microblade	N18E8	NE	1	milky quartz	M.A.
	258	Uniface fragment	N24E0		Surf.	quartz crystal	R.B.
	259	Uniface fragment	N14E7	NE	2	chert	R.B.
	260	Retouched flake	N9E10	NE	1	chert	T.P.
	261	Retouched flake	N9E10	NE	2	chert	T.P.
	262	Retouched flake	N9E11	SW	1	chert	T.P.
	263	Retouched flake	N9E11	NW	2	chert	T.P.
	264	Retouched flake	N10E8	SE	2	chert	S.A.
	265	Retouched flake	N12E13	SE	1	chert	Q.A.
	266	Retouched flake	N15E5	SE	1	chert	S.A.
	267	Retouched flake	N15E6	SE	1	chert	T.P.
	268	Retouched flake	N15E7	NW	1	milky quartz	Q.A.
	269	Polished fragment	N15E8		2	chert	S.A.

Area	Catalogue Number	Object	m2	Quad.	Level	Raw Material	Excavator
	270	Retouched flake	N15E9		1	metabasalt	R.B.
	271	Retouched flake	N15E9	NW	1	chert	R.B.
	272	Used flake	N10E8	SW	1	chert	M.A.
	273	Biface fragment	N15E8	SW	2	chert	S.A.
	274	Polished fragment	N15E10	NE	1	Slate	R.B.
	275	Endscraper	N8E8	SE	1	metabasalt	R.B.
	879	Microblade	N9E10	NE	2	chert	T.P.
	880	Microblade	N10E11	NE	2	chert	T.P.
	881	Microblade	N11E9	SE	1	milky quartz	Q.A.
	882	Microblade	N13E5	NE	1	quartz crystal	T.P.
	883	Microblade	N13E8	NE	2	milky quartz	T.P.
	884	Microblade	N15E6	NE	1	milky quartz	T.P.
	885	Microblade	N15E7	SE	1	milky quartz	Q.A.
	886	Microblade	N15E10	SW	2	chert	
	887	Burin spall	N11E8	SE	1	chert	A.A.
	888	Biface fragment	N9E11	SE	1	chert	T.P.
	889	Biface fragment	N9E11	SW	1	chert	T.P.
	890	Retouched flake	N16E9	SE	1	milky quartz	M.A.
	891	Flake core	N11E9	SW	1	hyalin	Q.A.
	892	Flake core	N11E9	SW	1	hyalin	Q.A.
	893	Flake core	N15E10	NW	1	chert	R.B.
	894	Microblade core	N8E6	SE	1	quartz crystal	Q.Q.
	895	Retouched flake	N14E4	NW	1	chert	R.B.
B	896	Retouched flake	N12E35		2	chert	R.B.

Area	Catalogue Number	Object	m2	Quad.	Level	Raw Material	Excavator
C	907	Knife	Test pit D		1	milky quartz	R.B.
	908	Endscraper	Test pit D		1	chert	R.B.
	909	Burin-like tool	Test pit D		1	chert	R.B.
	910	Point	Test pit D		1	milky quartz	R.B.
	911	Knife	Test pit D		1	hyalin	R.B.
	912	Microblade	Test pit D		1	chert	R.B.
	913	Knife	Test pit E		1	hyalin	R.B.
	914	Point	Test pit F		1	chert	R.B.
	915	Microblade	Test pit F		1	chert	R.B.
A	928	Worked bone	N8E11	NE	2	bone	T.P.
	929	Worked bone	N9E8	NW	1	bone	Q.Q.
	930	Worked bone	N9E10	SE	2	bone	T.P.
	931	Worked bone	N9E11	SW	1	bone	T.P.
	932	Worked bone	N9E11	SW	2	bone	T.P.
	933	Harpoon head	N10E8	SW	1	antler	M.A.
	934	Worked bone	N13E7	SE	1	bone	A.A.
	935	Needle	N13E7	SE	1	bone	A.A.
	936	Worked bone	N13E7	NE	2	bone	S.A.
	937	Worked bone	N13E9	SW	1	bone	Q.Q.
	938	Worked bone	N14E7	SW	2	bone	R.B.
	939	Worked bone	N18E7	NW	1	bone	M.A.
	940	Worked bone	N19E8	SW	1	bone	Q.A.
	942	Cartridge	N11E11	NE	Surf.	metal	Q.A.
	943	Cartridge	N11E11	NE	1	metal	Q.A.
	944	Bullet	N11E11	SW	1	metal	Q.A.

B. Waste Flakes

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
A	276	N8E10	NE	1	8	chert	T.P.
	277	N8E10	NE	1	1	chert	T.P.
	278	N8E10	SE	1	19	chert	T.P.
	279	N8E10	NW	1	4	chert	
	280	N8E10	NE	2	1	chert	T.P.
	281	N8E10	NE	2	10	chert	T.P.
	282	N8E10	SE	2	5	chert	T.P.
	283	N3E10	SW	2	1	chert	T.P.
	284	N8E11	NE	1	6	chert	T.P.
	285	N3E11	SE	1	1	chert	T.P.
	286	N8E11	SW	1	12	chert	T.P.
	287	N8E11	NW	1	20	chert	T.P.
	288	N8E11	NE	2	24	chert	T.P.
	289	N3E11	SE	2	23	chert	T.P.
	290	N8E11	SW	2	2	chert	T.P.
	291	N8E11	NW	2	3	chert	T.P.
	292	N9E8	NE	1	1	chert	T.P.
	293	N9E8	NW	1	2	hyalin	S.A.
	294	N9E8	NE	2	1	quartzite	S.A.
	295	N9E9	NE	1	3	chert	A.A.
	296	N9E9	SE	1	2	quartzite	A.A.
	297	N9E9	NW	1	1	chert	A.A.
	298	N9E9	NW	1	4	chert	A.A.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	299	N9E10	NE	1	19	chert	T.P.
	300	N9E10	SE	1	1	chert	T.P.
	301	N9E10	SE	1	30	chert	T.P.
	302	N9E10	SW	1	1	chert	T.P.
	303	N9E10	NW	1	2	chert	T.P.
	304	N9E10	NE	2	17	chert	T.P.
	305	N9E10	NE	2	1	milky quartz	T.P.
	306	N9e10	SE	2	124	chert	T.P.
	307	N9E10	SW	2	5	chert	T.P.
	308	N9E10	NW	2	1	chert	T.P.
	309	N9E11	NE	1	4	chert	T.P.
	310	N9E11	SE	1	10	chert	T.P.
	311	N9E11	SW	1	33	chert	T.P.
	312	N9E11	NW	1	3	chert	T.P.
	313	N9E11	NE	2	2	chert	T.P.
	314	N9E10	SE	2	10	chert	T.P.
	315	N8E11	SW	2	118	chert	T.P.
	316	N9E11	NW	2	11	chert	T.P.
	317	N10E7	SE	1	1	chert	Q.Q.
	318	N10E8	NE	1	2	chert	M.A.
	319	N10E8	SE	1	6	chert	M.A.
	320	N10E8	SW	1	4	chert	M.A.
	321	N10E8		1	2	chert	M.A.
	322	N10E9	NE	1	1	chert	Q.A.
	323	N10E9	SE	1	9	chert	Q.A.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	324	N10E9	SW	1	12	chert	Q.A.
	325	N10E9	NW	1	21	chert	Q.A.
	326	N19E9			1	chert	Q.A.
	327	N10E9	NE	2	18	chert	T.P.
	328	N10E9	SE	2	3	chert	T.P.
	329	N10E9	SW	2	3	chert	T.P.
	330	N10E9	NW	2	20	chert	T.P.
	331	N10E10	NE	2	19	chert	T.P.
	332	N10E10	SE	1	3	chert	T.P.
	333	N10E10	NW	1	3	chert	T.P.
	334	N10E10	NE	2	19	chert	T.P.
	335	N10E10	SE	2	9	chert	T.P.
	336	N10E10	SW	2	10	chert	T.P.
	337	N10E10	NW	2	2	chert	T.P.
	338	N10E10	SE	2	3	chert	T.P.
	339	N10E11	NE	1	1	milky quartz	M.A.
	340	N10E11	SE	1	8	chert	M.A.
	341	N10E11	SW	1	8	chert	M.A.
	343	N10E11	SE	2	9	chert	M.A.
	344	N10E11	SW	2	10	chert	T.P.
	345	N10E11	NW	2	37	chert	T.P.
	346	N10E12	SW	1	6	chert	Q.A.
	347	N10E12	NE	2	1	chert	T.P.
	348	N10E12	SE	2	1	metabasalt	T.P.
	349	N10E12	SW	2	3	chert	T.P.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	350	N10E12	NW	2	3	chert	T.P.
	351	N11E8	SE	1	1	chert	A.A.
	352	N11E8	NW	1	1	chert	A.A.
	353	N11E9	NE	1	2	chert	Q.A.
	354	N11E9	NE	2	1	chert	Q.A.
	355	N11E9	SE	1	2	quartz crystal	Q.A.
	356	N11E8	SE	1	2	chert	A.A.
	357	N11E9	SW	1	3	quartz crystal	Q.A.
	358	N11E9	SW	1	10	chert	Q.A.
	359	N11E8	SW	1	1	chert	A.A.
	360	N11E9	SW	1	1	quartz crystal	Q.A.
	361	N11E9	SW	2	9	chert	S.A.
	362	N11E9	SW	2	1	chert	S.A.
	363	N11E9	SW	2	1	chert	S.A.
	364	N11E9	SW	2	1	quartzite	S.A.
	365	N11E9	NW	2	1	chert	S.A.
	366	N11E10	NE	1	1	milky quartz	T.P.
	367	N11E10	NE	1	1	chert	T.P.
	368	N11E10	NE	1	1	chert	T.P.
	369	N11E10		1	13	chert	T.P.
	370	N11E10	NW	1	1	chert	T.P.
	371	N11E10	SE	2	7	chert	T.P.
	372	N11E10	SW	2	3	chert	T.P.
	373	N11E10	NW	2	2	chert	T.P.
	374	N11E11	SE	1	1	chert	Q.Q.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	375	N11E11	SE	1	3	chert	Q.Q.
	376	N11E11	NW	1	1	chert	Q.Q.
	377	N11E11	NW	1	1	metabasalt	Q.Q.
	378	N11E11	NE	2	2	quartzite	Q.A.
	379	N11E11	SE	2	2	milky quartz	Q.A.
	380	N11E11	SW	2	5	chert	Q.A.
	381	N11E11	NW	2	1	chert	Q.A.
	382	N11E12	NE	1	1	quartzite	Q.A.
	383	N11E12	NE	1	1	quartzite	Q.A.
	384	N11E12	SE	1	1	milky quartz	Q.A.
	385	N11E12	SW	1	4	hyalin	Q.A.
	386	N11E12	NW	1	2	chert	Q.A.
	387	N11E12	NE	2	2	chert	Q.A.
	388	N11E12	SW	2	6	chert	R.B.
	389	N12E4	NW	1	6	chert	Q.Q.
	390	N12E4	NE	1	2	quartz crystal	Q.Q.
	391	N12E5	SE	1	2	hyalin	Q.Q.
	392	N13E5	SW	1	3	quartz crystal	Q.Q.
	393	N13E5	NW	1	2	chert	Q.Q.
	394	N12E5	SW	2	1	chert	S.A.
	395	N13E6	SE	1	1	chert	S.A.
	396	N12E6	NE	2	2	chert	S.A.
	397	N12E6	SE	2	1	hyalin	S.A.
	398	N12E6	SW	2	1	hyalin	S.A.
	399	N12E6	NW	2	1	hyalin	S.A.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	400	N13E7	NE	1	1	hyalin	A.A.
	401	N13E7	NW	1	4	chert	A.A.
	402	N12E7	NE	2	2	hyalin	L.U.
	403	N12E7	NW	2	3	chert	L.U.
	404	N12E8	NW	1	1	quartzite	M.A.
	405	N12E8	NE	2	1	chert	S.A.
	406	N12E8	SW	1	1	chert	M.A.
	407	N12E8	SE	2	2	chert	S.A.
	408	N12E8	SW	2	2	chert	S.A.
	409	N12E10	SE	1	2	chert	T.P.
	410	N12E10	SW	1	1	chert	T.P.
	411	N12E10	NW	1	1	chert	T.P.
	412	N12E10	NW	1	2	chert	L.P.
	413	N12E10	NE	2	1	chert	L.P.
	414	N12E10	SE	2	6	chert	Q.Q.
	415	N12E11	NE	1	4	chert	Q.Q.
	416	N12E11	SE	1	3	milky quartz	Q.Q.
	417	N12E11	SW	1	5	chert	Q.Q.
	418	N12E11	NE	2	4	chert	Q.A.
	419	N12E11	SE	2	1	chert	Q.A.
	420	N12E11	SW	2	4	chert	Q.A.
	421	N12E11	NW	2	4	chert	Q.A.
	422	N12E12	NW	Surf.	1	chert	Q.A.
	423	N12E12	NE	1	2	chert	Q.A.
	424	N12E12	SE	1	4	chert	Q.A.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	425	N12E12	SW	1	2	chert	Q.A.
	426	N12E12	NW	1	17	chert	Q.A.
	427	N12E12	NE	2	2	chert	Q.A.
	428	N12E12	SE	2	4	chert	Q.A.
	429	N12E12	SW	2	2	milky quartz	Q.A.
	430	N12E12	NW	2	8	chert	Q.A.
	431	N13E3	SE	1	1	chert	R.B.
	432	N13E5	NE	1	25	chert	T.P.
	433	N13E5	SE	1	3	chert	T.P.
	434	N13E5	SW	1	1	chert	T.P.
	435	N13E5	NW	1	5	chert	T.P.
	436	N13E5	NW	2	8	chert	T.P.
	437	N13E6	NE	1	6	chert	Q.A.
	438	N13E6	SE	1	5	chert	Q.A.
	439	N13E6	SW	1	2	milky quartz	Q.A.
	440	N13E6	NW	1	1	chert	Q.A.
	441	Nf13E6	NE	2	28	chert	S.A.
	442	N13E6	SE	2	1	chert	Q.A.
	443	N13E7	NE	1	60	chert	A.A.
	444	N13E7	NE	1	81	chert	A.A.
	445	N13E7	NW	1	13	chert	A.A.
	446	N13E7	NE	2	12	chert	S.A.
	447	N13E7	SE	2	6	chert	S.A.
	448	N13E7	NW	2	15	chert	S.A.
	449	N13E8	NE	1	3	chert	T.P.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	450	N13E8	SE	1	1	chert	T.P.
	451	N13E8	SW	1	2	quartz crystal	T.P.
	452	N13E8	NW	1	27	quartz crystal	T.P.
	453	N13E8	NE	2	9	quartz crystal	L.U.
	454	N13E8	SE	2	4	quartz crystal	L.U.
	455	N13E8	SW	2	9	chert	L.U.
	456	N13E8	NW	2	28	chert	L.U.
	457	N13E9	NE	1	1	chert	Q.Q.
	458	N13E9	SW	1	1	chert	Q.Q.
	459	N13E9	NW	1	4	chert	L.U.
	460	N13E9	NE	2	1	metabasalt	L.U.
	461	N13E9	SE	2	4	chert	L.U.
	462	N13E9	SW	2	8	chert	M.A.
	463	N13E10	Se	1	2	chert	R.B.
	464	N14E4	NW	1	2	slate	M.A.
	465	N14E5	SE	1	17	chert	M.A.
	466	N14E5	SE	1	11	chert	M.A.
	467	N14E5	SW	1	20	chert	M.A.
	468	N14E5	SW	1	1	quartz crystal	M.A.
	469	N14E5	NW	1	3	chert	Q.Q.
	470	N14E5	NE	2	4	chert	Q.Q.
	471	N14E5	NE	2	1	quartz crystal	Q.Q.
	472	N14E5	SE	2	15	chert	Q.Q.
	473	N14E5	SW	2	12	chert	Q.Q.
	474	N14E5	SW	2	2	quartz crystal	Q.Q.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	475	N14E5	NW	2	3	chert	M.A.
	476	N14E6	NE	1	4	chert	M.A.
	477	N14E6	NE	1	5	milky quartz	M.A.
	478	N14E6	NE	1	1	hyalin	M.A.
	479	N14E6	SE	1	1	chert	M.A.
	480	N14E6	SE	1	2	quartz crystal	M.A.
	481	N14E6	SE	1	1	milky quartz	M.A.
	482	N14E6	SW	1	2	chert	M.A.
	483	N14E6	SW	1	3	quartzite	M.A.
	484	N14E6	SW	1	3	quartz crystal	M.A.
	485	N14E6	NW	1	1	chert	M.A.
	486	N14E6	NW	1	2	hyalin	M.A.
	487	N14E7	SW	1	29	chert	Q.A.
	488	N14E7	SW	1	2	quartz crystal	Q.A.
	489	N14E7	SW	1	1	quartzite	Q.A.
	490	N14E7	SW	1	2	milky quartz	Q.A.
	491	N14E7	SW	1	79	hyalin	Q.A.
	492	N14E6	NE	2	9	chert	R.B.
	493	N14E6	NE	2	1	milky quartz	R.B.
	494	N14E6	SE	2	10	chert	R.B.
	495	N14E6	SE	2	5	hyalin	R.B.
	496	N14E6	SE	2	1	milky quartz	R.B.
	497	N14E6	SE	2	1	quartzite	R.B.
	498	N14E6	SE	2	2	quartz crystal	R.B.
	499	N14E6	SW	2	4	chert	R.B.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	500	N14E6	SW	2	1	quartz crystal	R.B.
	501	N14E6	SW	2	1	hyalin	R.B.
	502	N14E6	NW	2	5	chert	R.B.
	503	N14E6	NW	2	1	milky quartz	R.B.
	504	N14E7	NE	1	31	milky quartz	Q.A.
	505	N14E7	NE	1	13	quartz crystal	Q.A.
	506	N14E7	NE	1	1	metabasalt	Q.A.
	507	N14E7	NE	1	237	chert	Q.A.
	508	N14E7	SE	1	9	chert	Q.A.
	509	N14E7	SW	1	8	chert	Q.A.
	510	N14E7	SW	1	2	milky quartz	Q.A.
	511	N14E7	NW	1	41	chert	Q.A.
	512	N14E7	NW	1	8	milky quartz	Q.A.
	513	N14E7	NW	1	1	quartzite	Q.A.
	514	N14E7	NW	1	1	metabasalt	Q.A.
	515	N14E8	NE	1	17	chert	Q.A.
	516	N14E8	NE	1	7	milky quartz	T.P.
	517	N14E8	SE	1	10	chert	T.P.
	518	N14E8	SE	1	4	milky quartz	T.P.
	519	N14E8	SE	1	2	quartz crystal	T.P.
	520	N14E8	SE	1	1	metabasalt	T.P.
	521	N14E8	SW	1	76	chert	T.P.
	522	N14E8	SW	1	4	quartz crystal	T.P.
	523	N14E8	SW	1	2	milky quartz	T.P.
	524	N14E8	NW	1	7	chert	T.P.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	525	N14E8	NE	2	5	chert	L.U.
	526	N14E8	NE	2	3	milky quartz	L.U.
	527	N14E8	SE	2	21	chert	L.U.
	528	N14E8	SE	2	3	quartz crystal	L.U.
	529	N14E8	SE	2	3	milky quartz	L.U.
	530	N14E8	SW	2	96	chert	L.U.
	531	N14E8	SW	2	5	milky quartz	L.U.
	532	N14E8	NW	2	86	chert	L.U.
	533	N14E8	NW	2	7	milky quartz	L.U.
	534	N14E9	NE	1	1	chert	Q.Q.
	535	N14E9	NE	1	1	milky quartz	Q.Q.
	536	N14E9	SW	1	14	chert	Q.Q.
	537	N14E9	SW	1	6	milky quartz	Q.Q.
	538	N14E9	SW	1	2	quartz crystal	Q.Q.
	539	N14E9	NW	1	12	chert	Q.Q.
	540	N14E9	NW	1	26	milky quartz	Q.Q.
	541	N14E9	NW	1	6	quartz crystal	Q.Q.
	542	N14E9	NE	2	4	milky quartz	L.U.
	543	N14E9	SE	2	1	chert	L.U.
	544	N14E9	SW	2	3	chert	L.U.
	545	N14E9	SW	2	1	milky quartz	L.U.
	546	N14E9	NW	2	17	chert	L.U.
	547	N14E9	NW	2	16	milky quartz	L.U.
	548	N14E9	NW	2	3	hyalin	L.U.
	549	N14E9	NW	2	2	quartz crystal	L.U.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	550	N14E9	NW	2	2	metabasalt	L.U.
	551	N14E10	SW	1	1	chert	M.A.
	552	N14E10	SW	1	2	milky quartz	M.A.
	553	N14E10	NE	1	2	chert	M.A.
	554	N14E5	NE	1	1	milky quartz	M.A.
	555	N14E5	NE	1	1	quartz crystal	M.A.
	556	N14E10	NW	1	21	chert	M.A.
	557	N14E10	NW	1	2	hyalin	M.A.
	558	N15E5	NE	1	1	chert	S.A.
	559	N15E5	SE	1	8	chert	S.A.
	560	N15E5	SW	1	2	chert	S.A.
	561	N15E5	NW	1	1	chert	S.A.
	562	N15E5	NW	2	1	quartzite	L.P.
	563	N15E6	NE	1	3	chert	T.P.
	564	N15E6	NE	1	1	slate	T.P.
	565	N15E6	NE	1	1	quartz crystal	T.P.
	566	N15E6	SE	1	11	chert	T.P.
	567	N15E6	SE	1	7	milky quartz	T.P.
	568	N15E6	SE	1	1	quartz crystal	T.P.
	569	N15E6	SW	1	3	chert	T.P.
	570	N15E6	SW	1	3	milky quartz	T.P.
	571	N15E76	NW	1	2	chert	T.P.
	572	N15E7	NE	1	34	chert	Q.A.
	573	N15E7	NE	1	17	milky quartz	Q.A.
	574	N15E7	NE	1	16	hyalin	Q.A.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	575	N15E7	SE	1	19	milky quartz	Q.A.
	576	N15E7	SE	1	162	chert	Q.A.
	577	N15E7	SE	1	13	hyalin	Q.A.
	578	N15E7	SW	1	23	chert	Q.A.
	579	N15E7	SW	1	3	milky quartz	Q.A.
	580	N15E7	NW	1	7	chert	Q.A.
	581	N15E7	NW	1	5	milky quartz	Q.A.
	582	N15E7	NW	1	3	hyalin	Q.A.
	583	N15E7	SE	2	90	chert	Q.Q.
	584	N15E7	SE	2	12	milky quartz	Q.Q.
	585	N15E7	SW	2	11	chert	Q.Q.
	586	N15E7	SW	2	6	hyalin	Q.Q.
	587	N15E7	SW	2	1	quartzite	Q.Q.
	588	N15E8	NE	1	88	chert	Q.Q.
	589	N15E8	NE	1	28	milky quartz	Q.Q.
	590	N15E8	SE	1	78	chert	Q.Q.
	591	N15E8	SE	1	23	milky quartz	Q.Q.
	592	N15E8	SE	1	2	hyalin	Q.Q.
	593	N15E8	SW	1	243	chert	Q.Q.
	594	N15E8	SW	1	23	milky quartz	Q.Q.
	595	N15E8	SW	1	21	hyalin	Q.Q.
	596	N15E8	SW	1	1	metabasalt	Q.Q.
	597	N15E8		1	40	chert	Q.Q.
	598	N15E8		1	7	milky quartz	Q.Q.
	599	N15E8		1	12	hyalin	Q.Q.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	600	N15E8	NE	2	1	chert	S.A.
	601	N15E8	NE	2	3	milky quartz	S.A.
	602	N15E8	SE	2	12	chert	S.A.
	603	N15E8	SE	2	3	milky quartz	S.A.
	604	N15E8	SW	2	6	chert	S.A.
	605	N15E8	SW	2	8	hyalin	S.A.
	606	N15E8	SW	2	4	milky quartz	S.A.
	607	N15E8	NW	2	8	chert	S.A.
	608	N15E8	NW	2	2	hyalin	S.A.
	609	N15E9	NE	1	2	chert	R.B.
	610	N15E9	NE	1	2	metabasalt	R.B.
	611	N15E9	SW	1	52	chert	R.B.
	612	N15E9	SW	1	56	milky quartz	R.B.
	613	N15E9	SW	1	94	hyalin	R.B.
	614	N15E9	SW	1	13	metabasalt	R.B.
	615	N15E9		1	6	milky quartz	R.B.
	616	N15E9		1	3	hyalin	R.B.
	617	N15E9		1	7	chert	R.B.
	618	N15E9		1	4	hyalin	R.B.
	619	N15E9		1	13	milky quartz	R.B.
	620	N15E9		1	6	chert	R.B.
	621	N15E9		1	3	quartz crystal	R.B.
	622	N15E9	NE	2	10	chert	L.U.
	623	N15E9	NE	2	8	milky quartz	L.U.
	624	N15E9	SE	2	5	chert	L.U.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	625	N15E9	SE	2	1	milky quartz	R.B.
	626	N15E9	NW	1	56	hyalin	R.B.
	627	N15E9	NW	1	12	chert	R.B.
	628	N15E9	NW	1	8	quartz crystal	R.B.
	629	N15E9	NW	2	20	chert	R.B.
	630	N15E9	NW	2	12	milky quartz	R.B.
	631	N15E9	NW	2	22	hyalin	L.U.
	632	N15E9	NW	2	1	mica	L.U.
	633	N15E9		2	10	milky quartz	L.U.
	634	N15E9		2	6	hyalin	L.U.
	635	N15E9		2	1	chert	L.U.
	636	N15E10	NE	1	1	chert	R.B.
	637	N15E10	SE	1	2	chert	R.B.
	638	N15E10	SE	1	1	milky quartz	R.B.
	639	N15E10	SW	1	2	milky quartz	R.B.
	640	N15E10	SW	1	1	chert	R.B.
	641	N15E10	NW	1	5	chert	R.B.
	642	N15E10	NW	1	1	milky quartz	R.B.
	643	N16E4	NW	2	1	chert	R.B.
	644	N16E5	NW	2	1	chert	Q.Q.
	645	N16E6	NW	1	2	chert	T.P.
	646	N16E6	SE	2	1	chert	Q.Q.
	647	N16E6	SE	2	1	hyalin	Q.Q.
	648	N16E6	NW	2	3	chert	Q.Q.
	649	N16E6	NE	1	11	chert	M.A.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	650	N16E7	NE	1	4	milky quartz	M.A.
	651	N16E7	SE	1	24	chert	M.A.
	652	N16E7	SE	1	10	hyalin	M.A.
	653	N16E7	SE	1	2	milky quartz	M.A.
	654	N16E7	SW	1	1	metabasalt	M.A.
	655	N16E8	SE	1	28	chert	M.A.
	656	N16E8	SE	1	12	milky quartz	M.A.
	657	N16E8	SE	1	1	quartz crystal	M.A.
	658	N16E8	SW	1	17	chert	M.A.
	659	N16E8	SW	1	5	milky quartz	M.A.
	660	N16E8	SW	1	4	hyalin	M.A.
	661	N16E8	NW	1	5	chert	M.A.
	662	N16E8	NW	1	5	hyalin	M.A.
	663	N16E8	NE	2	9	chert	Q.Q.
	664	N13E7	SE	2	3	quartz crystal	S.A.
	664(sic)	N16E8	NE	2	1	metabasalt	Q.Q.
	665	N16E8	NE	2	1	milky crystal	Q.Q.
	666	N16E8	SE	2	5	chert	Q.Q.
	667	N16E8	SE	2	4	milky quartz	Q.Q.
	668	N16E9	NE	1	1	chert	M.A.
	669	N16E9	NE	1	1	milky quartz	M.A.
	670	N16E9	NE	1	1	metabasalt	M.A.
	671	N16E9	SE	1	1	chert	M.A.
	672	N16E9	SE	1	1	quartz crystal	M.A.
	673	N16E9	SE	1	1	milky quartz	M.A.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	674	N16E9	SW	1	8	chert	M.A.
	675	N16E9	SW	1	14	milky quartz	M.A.
	676	N16E9	SW	1	10	hyalin	M.A.
	677	N16E9	NW	1	1	quartzite	M.A.
	678	N16E9	NQ	1	1	milky quartz	M.A.
	679	N16E10	NE	1	1	chert	D.R.
	680	N16E0	NE	1	25	milky quartz	D.R.
	681	N16E10	NE	1	6	metabasalt	D.R.
	682	N16E10	SE	1	2	chert	D.R.
	683	N16E10	SE	1	1	metabasalt	D.R.
	684	N16E10	SW	1	3	chert	D.R.
	685	N16E10	SW	1	1	milky quartz	D.R.
	686	N167E10	SW	1	1	metabasalt	D.R.
	687	N16E10	NW	1	1	chert	D.R.
	688	N16E10	NW	1	3	metabasalt	D.R.
	689	N16E10	NW	1	16	milky quartz	D.R.
	690	N16E10	NE	2	1	milky quartz	Q.Q.
	691	N16E10	NE	2	2	chert	Q.Q.
	692	N16E10	SE	2	1	milky quartz	Q.Q.
	693	N17E4	NE	1	3	chert	R.B.
	694	N17E5	NE	1	2	chert	S.A.
	695	N17E5	SE	1	1	chert	S.A.
	696	N187E5	SW	1	1	chert	S.A.
	697	N17E6	NW	1	6	chert	L.U.
	698	N17E6	SE	1	67	chert	L.U.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	699	N17E6	SE	1	8	milky quartz	L.U.
	700	N17E6	SE	1	8	hyalin	L.U.
	701	N17E6	SE	1	3	metabasalt	L.U.
	702	N17E6	SW	1	29	chert	L.U.
	703	N17E6	SW	1	5	hyalin	L.U.
	704	N17E6	NW	1	20	chert	L.U.
	705	N17E6	NW	1	2	quartz crystal	L.U.
	706	N17E6	NW	1	4	milky quartz	L.U.
	707	N17E7	NE	1	8	chert	Q.A.
	708	N17E7	SE	1	5	chert	Q.A.
	709	N17E9	NE	1	1	chert	Q.A.
	710	N17E9	SW	1	2	chert	S.A.
	711	N17E9	SE	2	2	chert	Q.Q.
	712	N17E9	SE	2	1	quartz crystal	Q.Q.
	713	N17E9	SW	2	1	chert	Q.Q.
	714	N17E10	SE	1	11	milky quartz	D.R.
	715	N17E10	SE	1	7	metabasalt	D.R.
	716	N17E10	SE	1	20	hyalin	D.R.
	717	N17E10	SE	1	2	chert	D.R.
	718	N17E10	SE	1	1	quartzite	D.R.
	719	N17E10	SW	1	59	milky quartz	D.R.
	720	N17E10	SW	1	4	chert	D.R.
	721	N17E10	SW	1	1	metabasalt	D.R.
	722	N17E10	NW	1	13	milky quartz	D.R.
	723	N17E10	NW	1	2	chert	D.R.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	724	N17E10	NW	1	1	quartz crystal	D.R.
	725	N18E3	NE	1	3	quartz crystal	R.B.
	726	N18E3	NE	1	2	chert	R.B.
	728	N18E5	NE	1	1	chert	Q.A.
	729	N18E5	SW	1	1	milky quartz	Q.A.
	730	N18E5	SE	2	1	chert	R.B.
	731	N18E6	SE	1	3	chert	Q.Q.
	732	N18E6	SE	1	1	quartz crystal	Q.Q.
	733	N18E6	NE	2	2	chert	R.B.
	734	N18E6	SE	2	2	chert	R.B.
	735	N18E6	SW	2	2	chert	R.B.
	736	N18E7	SE	1	25	chert	M.A.
	737	N18E7	SE	1	8	hyalin	M.A.
	738	N18E7	SE	1	5	quartz crystal	M.A.
	739	N18E7	SW	1	2	chert	M.A.
	740	N18E7	SW	1	1	metabasalt	M.A.
	741	N18E7	SW	1	6	chert	M.A.
	742	N18E7	SW	1	2	milky quartz	M.A.
	743	N18E7	NW	1	7	chert	M.A.
	744	N18E8	NE	1	1	metabasalt	L.U.
	745	N18E9	NE	1	28	milky quartz	Q.Q.
	746	N18E9	NE	1	17	chert	Q.Q.
	747	N18E9	NE	1	2	quartz crystal	Q.Q.
	748	N18E9	SE	1	17	chert	Q.Q.
	749	N18E9	SE	1	4	milky quartz	Q.Q.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	750	N18E9	NW	1	4	chert	Q.Q.
	751	N18E9	NW	1	1	milky quartz	Q.Q.
	752	N18E9	SE	2	4	chert	Q.Q.
	753	N18E9	SE	2	1	quartz crystal	Q.Q.
	754	N18E9	SE	2	1	milky quartz	Q.Q.
	755	N19E7	SW	1	1	milky quartz	Q.A.
	756	N19E7	SW	1	14	chert	Q.A.
	757	N19E7	NW	1	5	chert	Q.A.
	758	N19E7	SE	2	16	chert	Q.A.
	759	N19E7	SE	2	3	milky quartz	M.A.
	760	N18E8	NW	1	37	chert	L.U.
	761	N18E8	NW	1	1	metabasalt	L.U.
	762	N18E4	SW	1	1	chert	R.B.
	763	N18E9	SW	2	1	metabasalt	Q.Q.
	764	N19E7	NE	1	11	chert	Q.A.
	765	N19E8	NE	1	1	chert	Q.A.
	766	N19E8	SE	1	1	chert	Q.A.
	767	N19E9	SW	1	2	chert	Q.A.
	768	N19E8	SW	1	1	milky quartz	Q.A.
	769	N19E8	NW	1	3	chert	Q.A.
	770	N19E8	NW	1	1	quartz crystal	Q.A.
	771	N20E8	SE	1	1	chert	Q.A.
	772	N20E8	SE	1	1	metabasalt	Q.A.
	773	N9E11	NE	2	1	milky quartz	T.P.
	774	N9E11	NW	2	1	metabasalt	T.P.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	775	N10E8	SE	1	2	hyalin	M.A.
	776	N10E9	NW	1	1	metabasalt	Q.A.
	777	N10E9	SW	2	1	quartz crystal	T.P.
	778	N10E10	SW	2	1	hyalin	T.P.
	779	N10E11	NE	1	1	metabasalt	M.A.
	780	N10E11	SW	1	1	metabasalt	M.A.
	781	N10E11	NE	2	15	hyalin	T.P.
	782	N10E11	NE	2	7	chert	T.P.
	783	N10E11	NE	2	6	metabasalt	T.P.
	784	N10E11	NE	2	6	granite	T.P.
	785	N10E11	SE	2	7	hyalin	T.P.
	786	N10E11	SE	2	9	metabasalt	T.P.
	787	N10E11	SE	2	2	granite	T.P.
	789	N10E11	SW	2	2	granite	T.P.
	790	N10E11	NW	2	8	milky quartz	T.P.
	791	N10E11	SW	2	1	hyalin	T.P.
	792	N10E11	SW	2	1	hyalin	T.P.
	793	N10E12	NW	2	2	hyalin	T.P.
	794	N10E12	NW	2	1	metabasalt	T.P.
	795	N10E9	NE	2	1	black quartzite	T.P.
	796	N10E9	SW	1	2	chert	Q.A.
	797	N11E9	SW	1	1	metabasalt	Q.A.
	798	N11E9	SW	2	2	quartz crystal	S.A.
	799	N11E9	SW	2	2	milky quartz	S.A.
	800	N11E9	SW	2	1	quartz crystal	S.A.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	801	N11E9	SW	2	1	metabasalt	S.A.
	802	N11E10		1	1	metabasalt	T.P.
	803	N11E10	SE	2	1	quartzite	T.P.
	804	N11E10	SW	2	1	hyalin	T.P.
	805	N11E11	SE	1	1	metabasalt	Q.Q.
	806	N11E11	SE	1	2	milky quartz	Q.Q.
	807	N11E11	SE	1	2	metabasalt	Q.Q.
	808	N11E11	SE	2	1	chert	Q.A.
	809	N11E11	SW	2	1	milky quartz	T.P.
	810	N11E11	NW	2	1	milky quartz	T.P.
	811	N11E12	NW	1	1	milky quartz	Q.A.
	812	N12E12	NW	2	4	hyalin	Q.A.
	813	N11E12	SW	2	2	milky quartz	Q.A.
	814	N11E12	SW	2	1	quartz crystal	Q.A.
	815	N12E5	SW	1	1	quartzite	Q.A.
	816	N12E5	SW	1	1	quartz crystal	Q.Q.
	817	N12E5	NW	1	1	hyalin	Q.Q.
	818	N12E6	NE	1	1	quartz crystal	Q.Q.
	819	N12E?	NW	1	4	hyalin	
	820	N12E7	NW	2	1	chert	L.U.
	821	N12E8	NE	2	1	metabasalt	S.A.
	822	N12E8	NE	2	1	milky quartz	S.A.
	823	N12E?	SE	1	3	milky quartz	
	824	N12E10	SE	2	1	hyalin	L.P.
	825	N12E11	NE	1	1	milky quartz	Q.Q.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	826	N12E11	NE	2	1	hyalin	Q.A.
	827	N12E11	SE	1	1	chert	Q.Q.
	828	N12E11	NE	2	4	quartz crystal	Q.A.
	829	N12E11	SW	2	2	quartz crystal	Q.A.
	830	N12E11	NW	2	1	milky quartz	Q.A.
	831	N12E12	NE	1	3	milky quartz	Q.A.
	832	N12E12	NE	1	2	quartz crystal	Q.A.
	833	N12E12	SW	1	1	milky quartz	Q.A.
	834	N12E12	SW	1	1	quartz crystal	Q.A.
	835	N12E12	SW	1	15	milky quartz	Q.A.
	836	N12E12	NE	2	1	milky quartz	Q.A.
	837	N12E12	SE	2	3	milky quartz	Q.A.
	838	N12E12	SE	2	2	metabasalt	Q.A.
	839	N12E12	NW	2	3	quartzite	Q.A.
	840	N13E5	NE	1	8	milky quartz	T.P.
	841	N13E5	NE	1	1	milky quartz	T.P.
	842	N13E5	SE	1	3	hyalin	T.P.
	843	N13E5	SW	1	1	milky quartz	T.P.
	844	N13E5	NW	1	1	quartz crystal	T.P.
	845	N13E5	NW	2	1	milky quartz	T.P.
	846	N13E5	NW	2	1	quartzite	T.P.
	847	N13E5	NW	2	1	metabasalt	T.P.
	848	N13E6	NE	1	2	quartz crystal	Q.A.
	849	N13E6	NE	1	1	milky quartz	Q.A.
	850	N13E6	SE	1	4	quartz crystal	Q.A.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	851	N13E6	SW	1	2	quartz crystal	Q.A.
	852	N13E6	NW	1	1	quartzite	Q.A.
	853	N13E6	NW	1	1	quartz crystal	Q.A.
	854	N13E6	NE	2	1	quartz crystal	S.A.
	855	N13E6	NE	2	1	milky quartz	S.A.
	856	N13E6	SE	2	1	hyalin	S.A.
	857	N13E7	NE	1	20	quartz crystal	A.A.
	858	N13E7	NE	1	17	hyalin	A.A.
	859	N13E7	NE	1	3	metabasalt	A.A.
	860	N13E7	NW	1	5	hyalin	A.A.
	861	N13E7	NW	1	1	milky quartz	A.A.
	862	N13E7	NW	1	2	quartzite	A.A.
	863	N13E7	NE	2	3	hyalin	S.A.
	865	N13E7	NW	2	1	milky quartz	S.A.
	866	N13E7	NW	2	1	hyalin	S.A.
	867	N13E8	NE	1	1	milky quartz	L.U.
	868	N13E8	SE	1	1	quartz crystal	T.P.
	869	N13E8	SW	1	1	chert	T.P.
	870	N13E8	NW	1	1	hyalin	T.P.
	871	N13E8	NE	2	1	quartz crystal	L.U.
	872	N13E8	SE	2	2	hyalin	L.U.
	873	N13E8	NW	2	1	hyalin	L.U.
	874	N13E9	NW	1	3	quartz crystal	Q.Q.
	875	N13E9	NW	1	1	hyalin	Q.A.
	876	N14E4	NW	1	1	chert	R.B.

Area	Catalogue Number	m2	Quad.	Level	Number of Objects	Raw Material	Excavator
	877		NE	1	4	milky quartz	
	878		NE	1	1	chert	
	897	N12E35	NE	2	2	chert	R.B.
	898	N12E36	SE	2	2	chert	R.B.
	899	N12E37	NE	1	1	chert	R.B.
	900	N12E36	SE	2	2	chert	R.B.
	901	N12E37	NE	2	4	chert	R.B.
	902	N12E37	SE	2	4	chert	R.B.
	903	N12E36	NE	2	2	chert	R.B.
	904	N12E36	SE	2	16	chert	R.B.
	905	N12E37	NW	1	2	chert	R.B.
	906	N12E37	SW	2	2	chert	R.B.
C	916	Test pit	B	1	1	chert	R.B.
	917	Test pit	B	1	5	milky quartz	R.B.
	918	Test pit	B	1	2	hyalin	R.B.
	919	Test pit	D	1	1	chert	R.B.
	920	Test pit	D	1	25	milky quartz	R.B.
	921	Test pit	E	1	2	hyalin	R.B.
	922	Test pit	E	1	23	milky quartz	R.B.
	923	Test pit	E	1	24	chert	R.B.
	924	Test pit	F	1	2	chert	R.B.
	925	Test pit	F	1	22	milky quartz	R.B.
	926	Eroded terrace			4	hyalin	
	927	Eroded terrace			4	chert	
A	941	N9E10	SE	2	153	chert	T.P.

Appendix 5

Area A Worked or Used Lithic Specimens/Class

Appendix 5. Area A Worked or Used Lithic Specimens/Class

A. Level 1

Class	Catalogue Number	m2	Quad	Raw Material
Biface fragments	249	N10E9	SW	chert
	252	N12E10	SE	chert
	253	N13E10	SE	chert
	247	N13E7	SE	chert
	255	N16E9	NW	chert
	256	N18E7	NE	milky quartz
	888	N9E11	SE	chert
	889	N9E11	SW	chert
Burin spalls	887	N11E8	SE	chert
	173	N14E5	SW	chert
	174	N15E7	NE	chert
	242	N15E10	NW	chert
Burin-like tool spalls	241	N15E9		chert
Chipped knives	208	N10E11	SE	chert
	212	N11E9	NW	metabasalt?
	214	N13E6	NE	chert
	205	N9E10	NE	chert
	207	N9E11	SW	chert
Polished knives	210	N10E12	NW	metabasalt
	218	N15E9	SE	slate
	219	N9E10	SE	chert

Class	Catalogue Number	m2	Quad	Raw Material
Retouched flakes	265	N12E12	SE	chert
	895	N14E4	NW	chert
	266	N15E5	SE	chert
	267	N15E6	SW	chert
	268	N15E7	NW	milky quartz
	270	N15E9		metabasalt
	271	N15E9	NW	chert
	890	N16E9	SE	milky quartz
	260	N9E10	NE	chert
	262	N9E11	SW	chert
Used flakes	272	N10E8	SW	chert
Polished fragments	274	N15E10	NE	slate
	221	N9E11	SW	chert?
Endscrapers	275	N8E8	SE	milky quartz
Blades	169	N12E11	SE	chert
Microblades	21	N10E10	NE	chert
	23	N10E11	NE	milky quartz
	24	N10E11	SE	chert
	19	N10E8	SW	chert
	17	N10E8	SE	chert
	18	N10E8	SW	chert
	29	N11E10	SE	chert
	34	N11E12	NE	milky quartz
	26	N11E8	SW	chert
	881	N11E9	SE	milky quartz

Class	Catalogue Number	m2	Quad	Raw Material
	27	N11E9	SW	chert
	43	N12E10	SE	milky quartz
	47	N12E12	NW	chert
	37	N12E4	NW	chert
	36	N12E4	NW	chert
	38	N12E5	NE	chert
	39	N12E6	NW	chert
	40	N12E7	NW	chert
	49	N13E3	SE	chert
	50	N13E3	SE	quartz crystal
	51	N13E3	SE	quartz crystal
	882	N13E5	NE	quartz crystal
	55	N13E5	NE	quartz crystal
	54	N13E5	NE	quartz crystal
	52	N13E5	NE	quartz crystal
	53	N13E5	NE	quartzite
	56	N13E6	NE	quartz crystal
	57	N13E7	NE	chert
	58	N13E7	NE	chert
	63	N13E7	NE	chert
	59	N13E7	SE	chert
	62	N13E7	SE	chert
	60	N13E7	SE	chert
	61	N13E7	SE	milky quartz
	64	N13E8	NW	chert

Class	Catalogue Number	m2	Quad	Raw Material
	66	N13E9	NW	quartz crystal
	67	N14E5	NE	chert
	69	N14E5	NW	chert
	68	N14E5	SE	chert
	72	N14E6	NE	milky quartz
	73	N14E6	SW	quartzite
	75	N14E7	NE	chert
	78	N14E7	NW	chert
	76	N14E7	SE	chert
	77	N14E7	SE	chert
	80	N14E8	NE	quartz crystal
	81	N14E8	SE	chert
	83	N14E8	SW	quartz crystal
	82	N14E8	SW	quartz crystal
	87	N14E9	NW	quartz crystal
	88	N14E9	NW	quartz crystal
	140	N14E10	NW	chert
	89	N15E3	SE	chert
	90	N15E5	SE	chert
	884	N15E6	NE	milky quartz
	93	N15E6	NE	milky quartz
	94	N15E7	NE	chert
	102	N15E7	NW	milky quartz
	98	N15E7	SE	chert
	96	N15E7	SE	chert

Class	Catalogue Number	m2	Quad	Raw Material
	99	N15E7	SE	chert
	885	N15E7	SE	milky quartz
	97	N15E7	SE	milky quartz
	95	N15E7	SE	milky quartz
	101	N15E7	SW	chert
	113	N15E8		chert
	112	N15E8		chert
	115	N15E8		chert
	114	N15E8		chert
	111	N15E8	NE	quartzite
	103	N15E8	NW	milky quartzite
	110	N15E8	SE	chert
	106	N15E8	SE	quartz crystal
	104	N15E8	SE	quartz crystal
	105	N15E8	SE	milky quartz
	109	N15E8	SW	chert
	108	N15E8	SW	chert
	107	N15E8	SW	milky quartz
	127	N15E9		chert
	128	N15E9		chert
	132	N15E9		quartz crystal
	129	N15E9		milky quartz
	130	N15E9		milky quartz
	133	N15E9		milky quartz
	134	N15E9		milky quartz

Class	Catalogue Number	m2	Quad	Raw Material
	131	N15E9		milky quartz
	126	N15E9	NW	hyalin
	125	N15E9	NW	milky quartz
	120	N15E9	SW	chert
	121	N15E9	SW	chert
	124	N15E9	SW	chert
	123	N15E9	SW	chert
	122	N15E9	SW	hyalin
	118	N15E9	SW	milky quartz
	119	N15E9	SW	milky quartz
	145	N16E10	NW	milky quartz
	141	N16E7	NE	chert
	143	N16E8	NW	chert
	142	N16E8	SE	quartz crystal
	149	N17E10	SE	chert
	151	N17E10	SE	quartz crystal
	150	N17E10	SE	milky quartz
	152	N17E10	SW	chert
	147	N17E5	SW	chert
	148	N17E6	NW	chert
	153	N18E5	SE	chert
	154	N18E5	SE	chert
	257	N18E8	NE	milky quartz
	157	N18E9	NW	chert
	156	N18E9	NW	chert

Class	Catalogue Number	m2	Quad	Raw Material
	155	N18E9	NW	chert
	158	N18E9	NW	milky quartz
	162	N19E7	NW	quartz crystal
	160	N19E7	SE	chert
	159	N19E7	SE	chert
	161	N19E7	SW	chert
	4	N8E11	NE	chert
	5	N8E11	SE	quartz crystal
Flake cores	892	N11E9	SW	hyalin
	891	N11E9	SW	hyalin
	238	N13E6	NE	milky quartz
	893	N15E10	NW	chert
	235	N16E6	SW	chert
	236	N18E7	NE	metabasalt
Microblade cores	227	N10E7	NE	quartz crystal
	230	N13E5	NE	quartz crystal
	229	N13E5	NE	quartz crystal
	231	N13E5	NW	quartz crystal
	232	N13E7	SW	milky quartz
	233	N13E9	NW	hyalin
	234	N15E5	SW	milky quartz
	894	N18E6	SE	quartz crystal
Points	196	N10E12	NE	quartzite?
	198	N14E6	NE	chert
	197	N15E9	NW	milky quartz

Class	Catalogue Number	m2	Quad	Raw Material
	190	N8E10	SE	chert
	191	N8E11	SW	chert
	192	N9E10	SE	chert
Point fragments	200	N14E9	NE	chert
	199	N14E9	NE	chert
Burin-like tools	181	N10E12	SW	nephrite
	185	N17E6	NW	chert?
	178	N9E11	NE	chert
Side scrapers?	189	N17E7	NE	quartzite

B. Level 2

Class	Catalogue Number	m2	Quad	Raw Material
Biface fragments	251	N10E10	SE	chert
	244	N11E12	NE	chert
	254	N14E8	NE	milky quartz
	273	N15E8	SW	chert
	248	N8E10	SW	chert
	243	N8E11	NE	chert
	250	N8E11	SE	chert
	246	N8E11	SE	chert
	245	N9E10	NE	chert
Microblades	44	N12E10	SE	milky quartz
	46	N12E11	NW	chert

Class	Catalogue Number	m2	Quad	Raw Material
	48	N12E12	NW	quartzite
	41	N12E7	NW	quartz crystal
	42	N12E8	SW	quartz crystal
	883	N12E8	NE	milky quartz
	65	N12E8	SE	chert
	70	N14E5		quartz crystal
	71	N14E5		quartz crystal
	74	N14E6	NE	milky quartz
	79	N14E7	NE	chert
	86	N14E8	SE	chert
	85	N14E8	SE	quartz crystal
	84	N14E8	SE	quartz crystal
	886	N15E10	SW	chert
	91	N15E5	NW	chert
	92	N15E5	NW	milky quartz
	100	N15E7	SE	chert
	116	N15E8		chert
	139	N15E9		chert
	137	N15E9		milky quartz
	138	N15E9		milky quartz
	136	N15E9	NW	milky quartz
	117	N15E9	SE	chert
	135	N15E9	SW	chert
	146	N16E10	NE	milky quartz
	144	N16E8	SE	chert

Class	Catalogue Number	m2	Quad	Raw Material
	166	N19E7		chert
	163	N19E7	NE	chert
	165	N19E7	NW	chert
	164	N19E7	SE	chert
	8	N3E11	NE	chert
	7	N8E11	NE	chert
	6	N8E11	NE	chert
	9	N8E11	NE	chert
	879	N9E11	NE	chert
	15	N9E11		chert
	14	N9E11		chert
Burin spalls	175	N18E5	SW	chert
	172	N9E11		chert
Burin-like tool spalls	240	N14E5		chert
	176	N8E11	SE	chert
Chipped knives	209	N10E11	SW	chert
	213	N11E12	SE	quartz crystal
	217	N14E8	SW	chert
	203	N8E10	NE	chert
	206	N9E10	NE	chert
	194	N9E11	SW	chert
	215	N13E7	NW	chert
Polished knives	211	N10E12	NW	metabasalt
Retouched flakes	264	N10E8	SE	chert
	261	N9E10	NE	chert

Class	Catalogue Number	m2	Quad	Raw Material
	263	N9E11	NW	chert
Polished fragments	222	N13E7	SE	nephrite
	223	N14E7	NE	nephrite
	224	N14E8	SE	nephrite
	225	N14E9	NW	nephrite
	269	N15E8		chert?
Unifacial fragments	259	N14E7	NE	chert
Endscrapers	186	N11E9	SW	quartz crystal
	188	N13E9	SW	quartzite
Blades	167	N10E9	SW	hyalin
Side blades	170	N12E12	SE	chert
	171	N14E8	NE	chert
Microblades	168	N10E10	NE	chert
	22	N10E10	NW	quartz crystal
	880	N10E11	NE	chert
	25	N10E12	SW	chert
	20	N10E9	NE	chert
	32	N11E10		quartzite
	30	N11E10	NE	chert
	31	N11E10	SE	quartz crystal
	33	N11E11		chert
	35	N11E12	SE	milky quartz
	28	N11E9	SE	chert
	45	N12E10	NW	chert

C. Organic Objects

Class	Catalogue Number	m2	Quad	Level	Raw Material
Needles	935	N13E7	SE	1	bone
Worked bones	936	N13E7	NE	1	bone
	934	N13E7	SE	2	bone
	937	N13E9	SW	1	bone
	938	N14E7	SW	2	bone
	939	N18E7	NW	1	bone
	940	N19E8	SW	1	bone
	928	N8E11	SE	2	bone
	930	N9E10	SE	2	bone
	931	N9E11	SW	1	bone
	932	N9E11	SW	2	bone
	929	N9E8	NW	1	bone
Harpoon heads	933	N10E8	SW	1	antler

D. Metal Objects

Class	Catalogue Number	m2	Quad	Level	Raw Material
Bullets	944	N11E11	SW	1	metal
Cartridges	943	N11E11	NE	1	metal
	949	N11E11	NE	Surf.	metal
		N11E11	NE	Surf.	metal

Appendix 6

Area B Worked or Used Lithic Specimens/Class

Appendix 6. Area B Worked or Used Lithic Specimens/Class

Class	Catalogue Number	m2	Quad	Level	Raw Material
Retouched flake	896	N12E35		2	chert

Appendix 7

Area C Worked or Used Lithic Specimens/Class

Appendix 7. Area C Worked or Used Lithic Specimens/Class

Class	Catalogue Number	Test Pit	Level	Raw Material
Knives	911	D	1	hyalin
	907	D	1	milky quartz
	913	E	1	hyalin
Endscrapers	908	D	1	chert
Points	910	D	1	milky quartz
	914	F	1	chert
Burin-like tools	909	D	1	chert
Microblades	912	E	1	chert
	915	F	1	chert