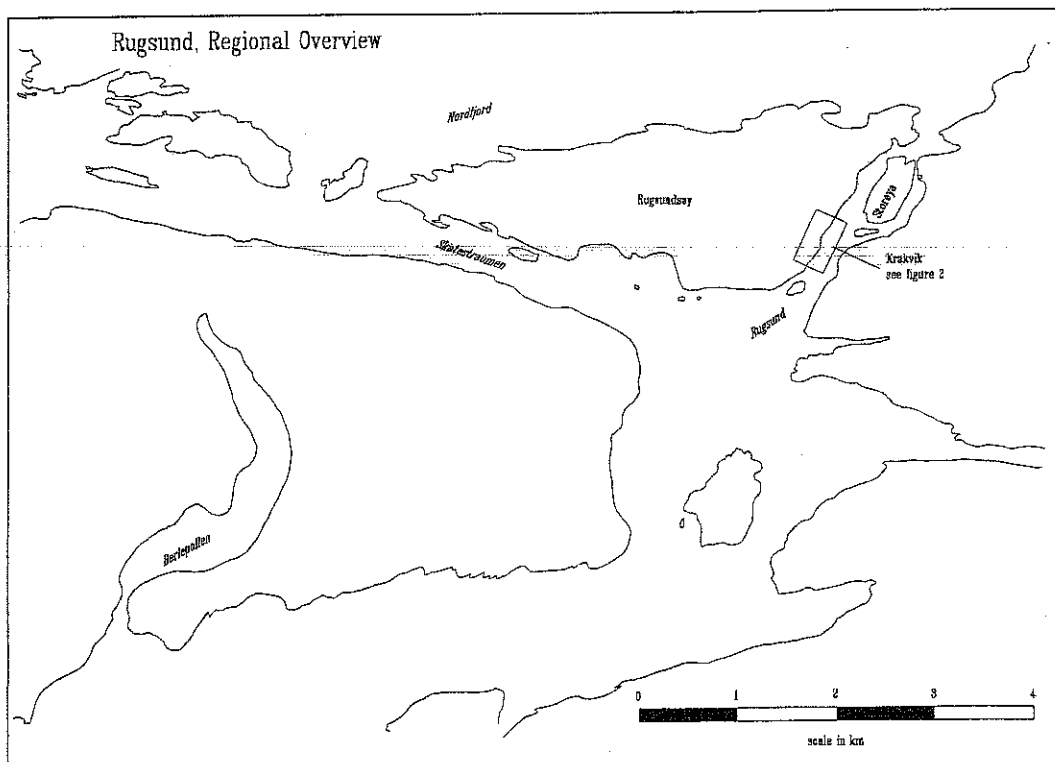


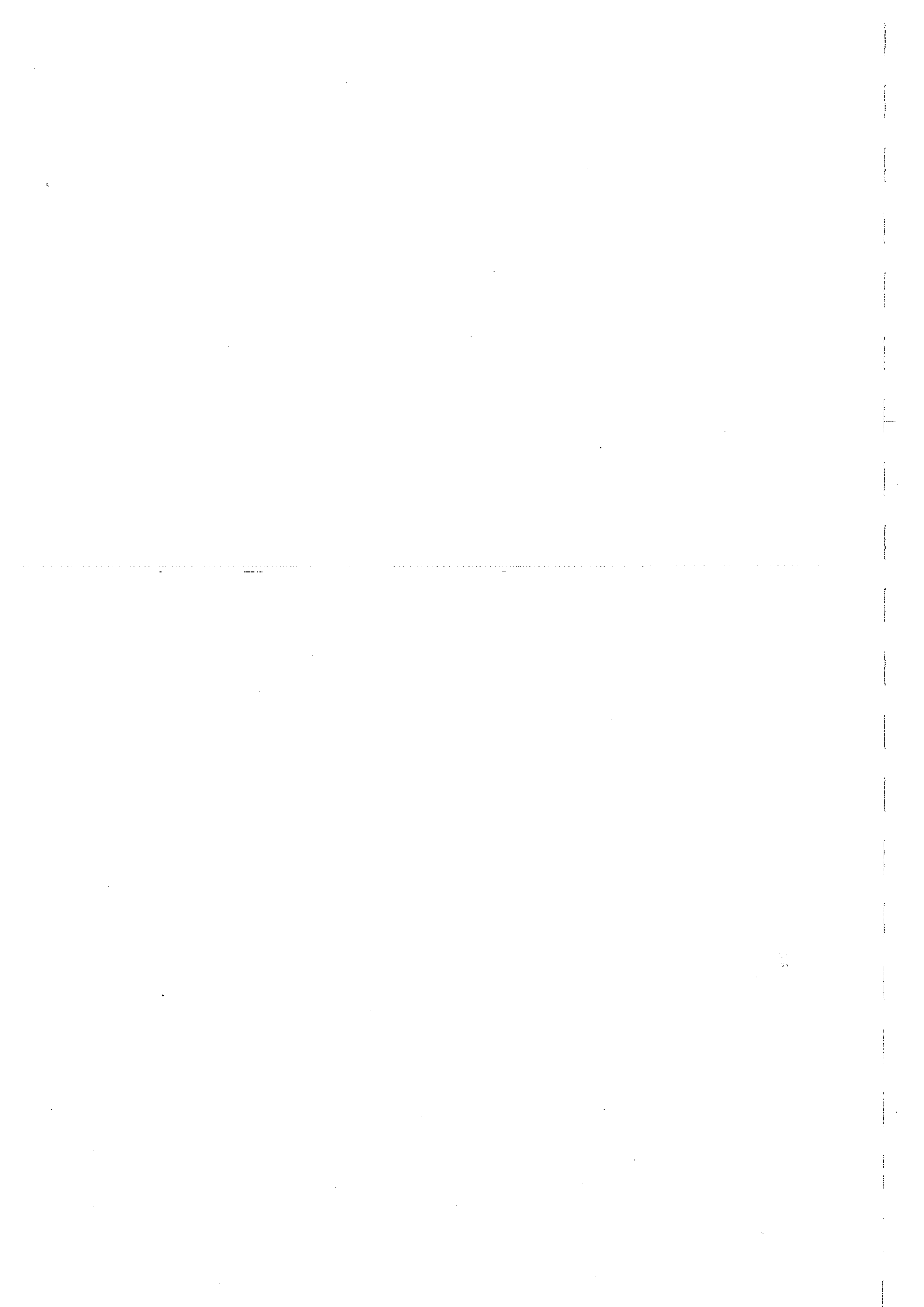
**Innberetning: RV. 616 Fastlandssamband til Bremanger.  
Reguleringsplan for anleggsveg og masselager i Krakvik,  
Bremanger k.**

**Archaeological investigation of Krakvik Loc. 14 and 16**



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**3/11-98**



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# **Innberetning: RV. 616 Fastlandssamband til Bremanger. Reguleringsplan for anleggsveg og masselager i Krakvik, Bremanger k.**

## **Archaeological investigation of Krakvik Loc. 14 and 16**

### **Background**

Loc. 14 at Krakvik was discovered in course of a 1996 survey that was undertaken in reference to a plan to use surplus stone from the RV 616 Langesi-Oldeide road construction project to build two additional roads in the Rugsund area (Simpson 1996). A subsequent change of plans on part of developer called for the use of Krakvik as a temporary storage area for surplus stone and the construction of a road from a construction area to Krakvik. This change resulted in a conflict between the development plan and Loc. 14 Krakvik as an automatically preserved site (*automatisk fredet kulturminne*). The developer, Statens vegvesen, thus requested that Loc. 14 Krakvik be excluded from the protection of the Law of Antiquities. As a condition for this an archaeological investigation was undertaken by Asle Bruen Olsen and David Simpson (22/4 to 27/9-97, 7/10 to 11/10-97 and 24/10 to 25/10-97).

In the course of that investigation, while determining the extents of Loc. 14, a new Stone Age locality was discovered (Krakvik Loc. 16). The plan for the archaeological investigation was thus adjusted in order to include the new locality such that enough culture/historical data might be recovered to exclude also it from protection of the Law of Antiquities.

### **Goals**

Inasmuch as the original survey during which Loc. 14 Krakvik was discovered demonstrated only the existence of a partially disturbed locality from the stone using period (Simpson 1996), the goal of the investigation described here was to more precisely determine its age, extent and stratigraphic integrity, as well as to collect data for interpretation of the locality's function. These same goals apply also to the new locality discovered in the course of this investigation, Loc. 16 Krakvik.

### **Locality 14, Krakvik (B15512)**

The locality is situated in Bremanger kommune, on Rugsundsøy, toward the south end of Rugsund, on the farm of Krakvik (gnr/bnr 87/1), near the fish farm operated by Rugsund Havbruk AS (figs. 1 and 2 pages 2 and 3). It is located on a low terrace (ca 6 to 11 masl) with a view of Rugsund to the east and south. The locality is evaluated as having relatively poor harbour conditions. The material collected in the course of this investigation have been assigned Aks.Nr. 22/98. The locality's B number (B15512) is identical with that assigned to the material collected in the course of the initial survey in 1996.

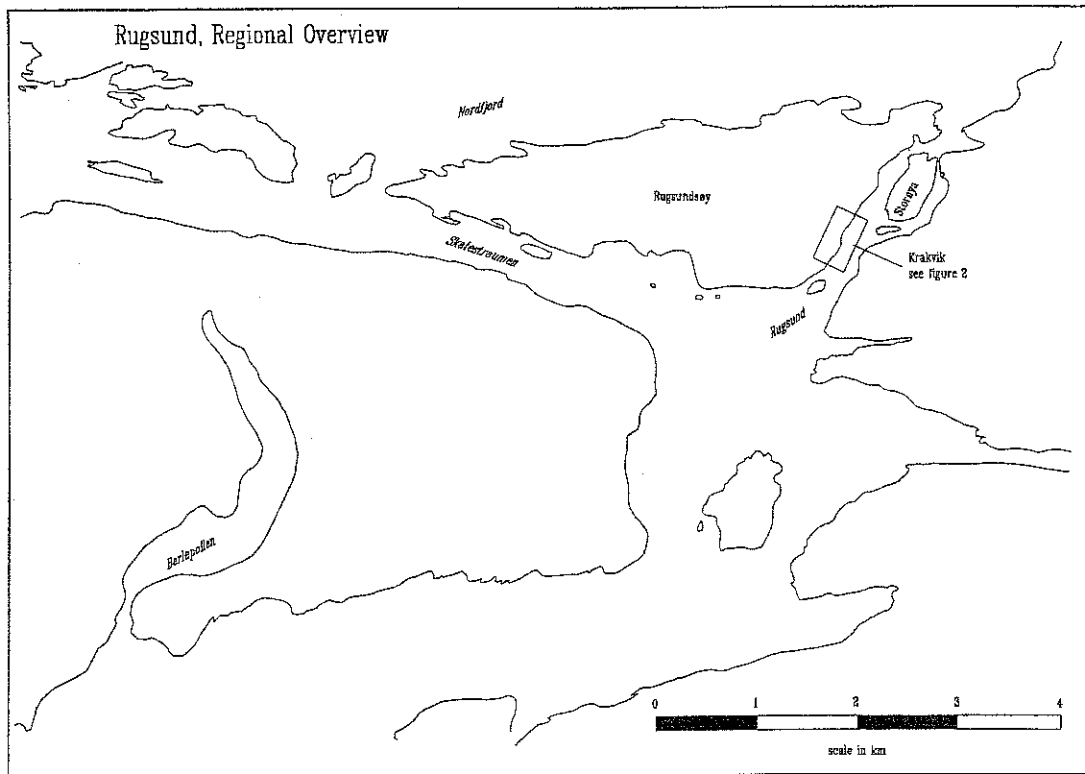


Fig. 1. Overview of Rugsund, showing the location of Krakvik.

## Methods

The horizontal extent and stratigraphic integrity of this locality were investigated primarily by the excavation of a series of water screened test pits (ranging from 35 x 45 cm up to 50 X 50 cm) as well as one 1 m<sup>2</sup> unit. In the course of the investigation, an area with black charcoal rich culture layer was discovered. The method of mapping the extent of culture layer with a soil probe proved to be inconclusive here due to the high moisture content and consistency of the soil. It thus proved necessary to excavate a series of small shovel tests to determine the extent of the culture layer. These unscreened tests are marked as filled circles in fig. 3 (page 4).

In addition to the three test pits from the initial survey, five screened test pits, one 1 m<sup>2</sup> unit and four unscreened shovel tests were excavated. The screened test pits were excavated by using a combination of stratigraphic and mechanical layers/levels. Stratigraphically distinct layers were separated during excavation where this proved possible, and mechanical levels within these were separated by "bucket levels". Bucket levels generally corresponded to a volume of 10 to 12 litres of soil and a level thickness of ca 5 cm. Layers/levels were designates as a series of "bucket numbers". All level volumes and thicknesses as well as stratigraphic layer descriptions were documented on test pit forms.

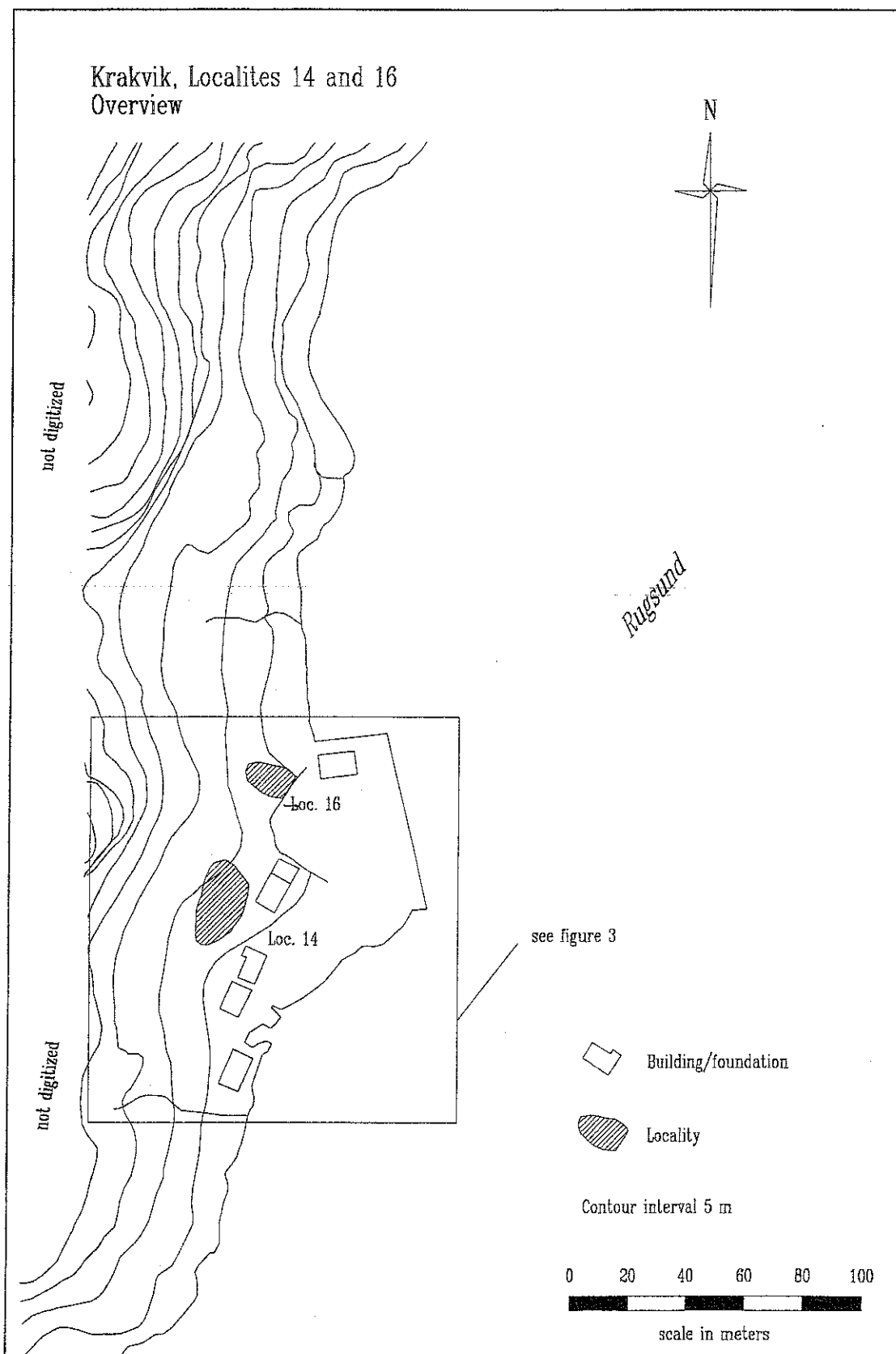


Fig. 2. Krakvik Localities 14 and 16, overview.

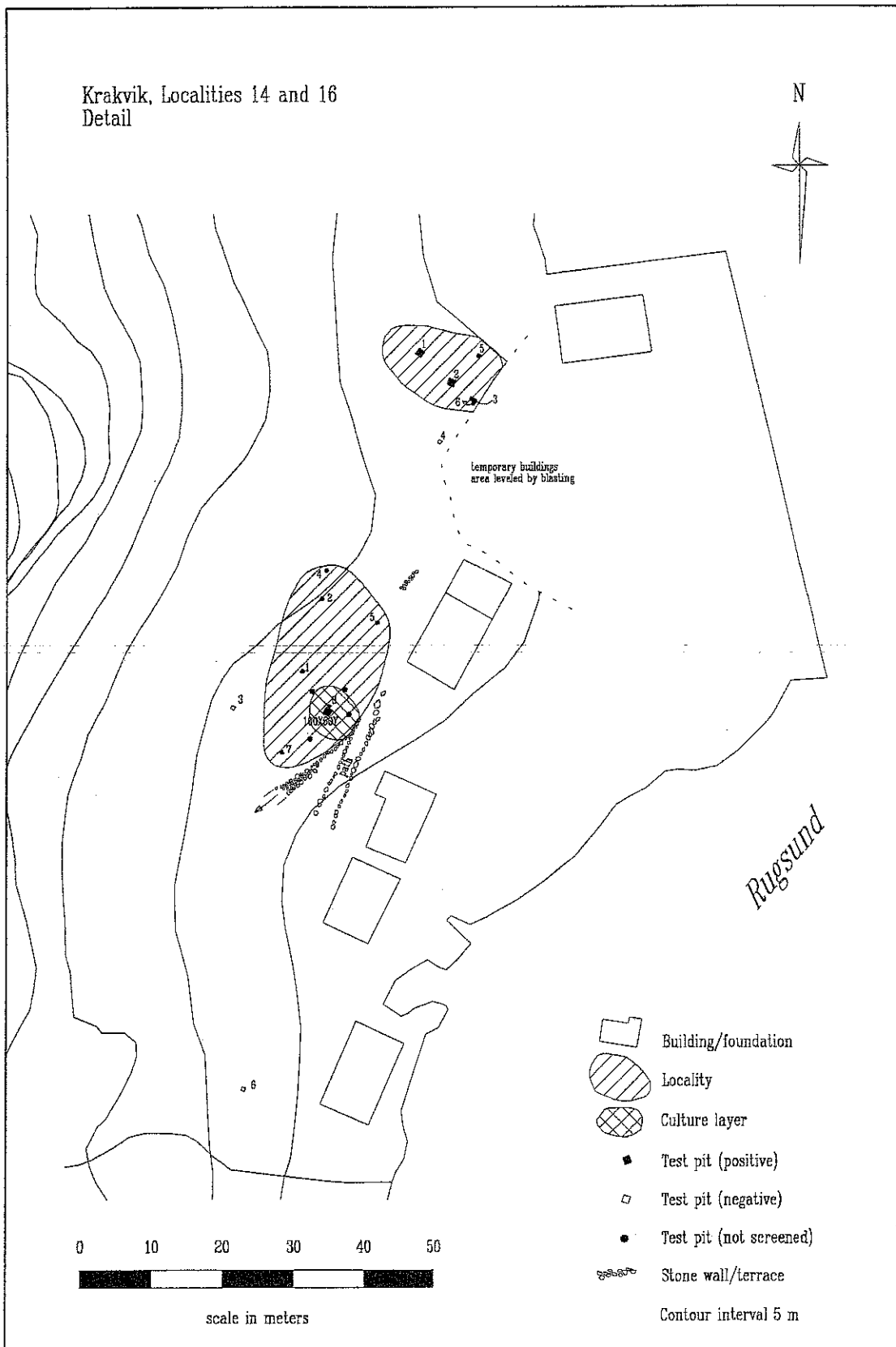


Fig.3. Krakovik Localities 14 and 16, detail.



The one 1 m<sup>2</sup> excavation unit was also excavated by a combination of stratigraphic and mechanical layers/levels. Each stratigraphic layer was separated and designated by a layer letter. Within each layer, 5 cm thick mechanical levels were excavated and were designated by numbers. In addition, the 1 m<sup>2</sup> excavation unit was subdivided into four horizontal quadrants.

With regard to the methods employed while preparing the artefact assemblage for museum storage, all tools and pieces of potentially diagnostic debris have been marked with id numbers. In addition, with regard to lithic debris, one piece in each bag after the final sorting of the material has been similarly marked. The artefacts have been marked with both the locality's BNR (B15512) and the artefacts' FNR (*funnummer*, that is, the project's artefact field/lab id number). It is noted that this format (i.e. B15512/34) is similar to, but distinct from BNR designations which will ultimately be published in the Bergen Museum's *Tilveksfortegnelse*. In the case of the BNR/FNR designation, each tool or piece of potentially diagnostic debris has been assigned a unique number, with debris of similar raw material types from the same excavation units being similarly assigned unique id numbers. In the case of the BNR to be published in the *Tilveksfortegnelse* the secondary number represents not a unique artefact identifier, but rather an artefact type group. Both the artefacts' FNR and *Tilveksfortegnelse* BNR are presented in the artefact list in this report such that they may be used as a key to relate the *Tilveksfortegnelse* BNRs to the specific artefacts they represent.

## Results

The horizontal extent of Loc. 14 Krakvik was determined to be at least 370 m<sup>2</sup>, this including an area of 40 m<sup>2</sup> of preserved culture layer. These are minimal estimates as it is possible that the locality originally extended further to the east into an area that is now heavily disturbed by recent activity (house and terrace construction).

The locality has been extensively affected by agricultural and other disturbances as reflected both by the presence of recent historic artefacts as well as the test pit profiles (fig. 4), with only the area of culture layer containing deposits that could be guaranteed to be *in situ*. The culture layer was observed to be up to 30 cm thick.

On the basis of the artefact types recovered it has proved difficult to date the locality more precisely than the previously noted determination to the stone using period (Stone Age/Bronze Age). Some of the types of lithic raw materials recovered do, however, indicate a narrower age range. The one fragment of chert recovered is of a type found to have been in use in the area in the following periods: Late Mesolithic, Early Neolithic and Pre-Roman Iron Age (pers.com. Bergsvik). The slate recovered is a classic element of a Neolithic occupation. A radio-carbon age determination from the culture layer (100X50Y, NW quad., layer B4, 37 - 43 cm below surface, 28.7 gm) yielded a result of 2780±60 BP, (calibrated age = BC 1045 - 815, Beta 112635)<sup>1</sup>, that is to say, the early part of the Younger Bronze Age. The locality is thus

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<sup>1</sup> Uncalibrated radio-carbon dates are reported as one sigma (68% probability of being correct) and calibrated dates are reported as two sigma (95% probability of being correct).

Krakvik, locality 14  
Profiles

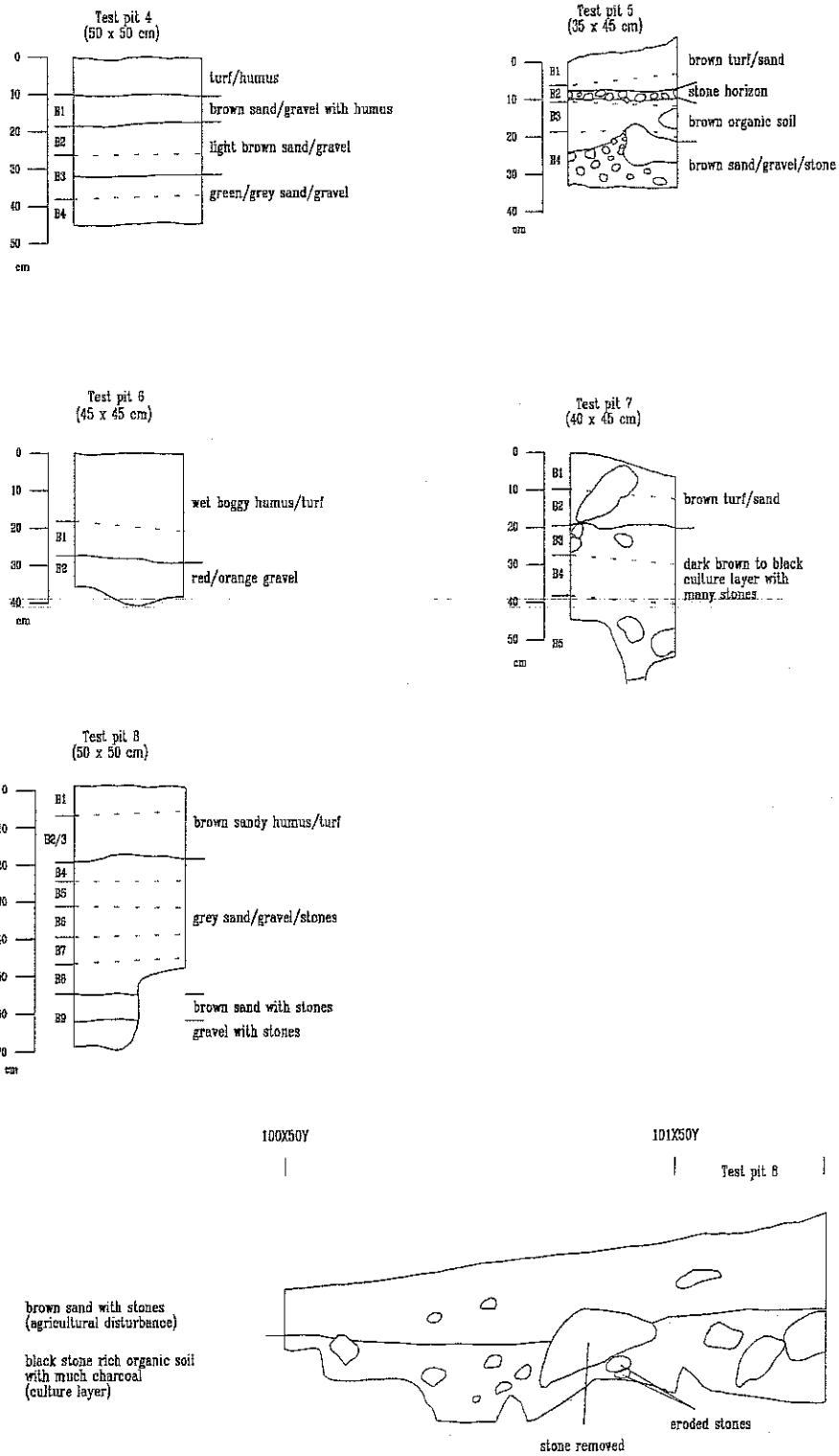


Fig. 4. Loc. 14 Krakvik, profiles.

concluded to be multi-component and having been in use during at least; 1) the Late Mesolithic, Early Neolithic and/or Pre-Roman Iron Age, and 2) the early part of the Younger Bronze Age.

Due to the paucity of the assemblage recovered, it is not possible to speculate as to the possible function(s) of the locality beyond that the presence of debris indicating that the production of stone tools took place. Beyond this, the localisation of the locality along the fish rich Rugsund is suggestive of a fishing station during all phases of occupation.

Artefact type	BA	BE	CH	DI	FL	HA	KS	KT	MY	SA	SK	SS	TOT
Scrapers (non-spec.)					1								1
Bipolar cores								2					2
Flakes from ground tools				2									2
Grinding plate frags.												4	4
Retouched flakes					1								1
Bone (burned, unworked)		6											6
Debris (flakes)	6		1	1	16	1	13	46	2	1	18		105
Debris (shatter blocks)	1				1		1						3
Total	7	6	1	3	19	1	14	48	2	1	18	4	124

Table 1. Artefact overview, Loc. 14 Krakvik.

BA=course grained volcanics      BE=bone      CH=chert  
 DI=diabase      FL=flint      HA=other struck material  
 KS=quartz      KT=quartzite      MY=nylonite  
 SA=other ground material      SK=slate      SS=sandstone

### Locality 16, Krakvik (B15660)

The locality is situated in Bremanger kommune, on Rugsundsøy, toward the south end of Rugsund, on the farm of Krakvik (gnr/bnr 87/1), near the fish farm operated by Rugsund Havbruk AS (figs. 1 and 2 pages 2 and 3). It is located on a terrace ca 8 masl with a view of Rugsund to the east, south and north. The locality is evaluated as having relatively poor harbour conditions. The material collected in the course of this investigation have been assigned Aks.Nr. 23/98.

### Methods

The horizontal extent and stratigraphic integrity of the locality were investigated by the excavation of a series of test pits (ranging from 30 x 30 cm up to 100 X 100 cm). The 100 X 100 cm tests were divided into four quadrants. The test pits were water screened, and were excavated by using a combination of stratigraphic and mechanical layers/levels. Stratigraphically distinct layers were separated during excavation where this proved possible, and mechanical levels within these were separated by "bucket levels". Bucket levels generally corresponded to a volume of 10 to 12 litres of soil and a level thickness of ca 5 cm. Layers/levels were designates as a series of "bucket numbers". All level volumes and thicknesses as well as stratigraphic layer descriptions were documented on test pit forms.

With regard to the methods employed while preparing the artefact assemblage for museum storage, the material was treated in the same manner as for Loc. 14 above.

## Results

The horizontal extent of Loc. 16 Krakvik was determined to be at least 150 m<sup>2</sup>. This is a minimal estimate as it is almost certain that the locality originally extended further to the east into an area that is now heavily disturbed by recent activity (blasting/removal of bedrock, see fig. 3, page 5). The locality has also been affected to some degree by agricultural activity as indicated by disturbed layers in the upper horizons of the locality (fig. 5) as well as the presence of recent historic artefacts in these horizons.

Three principle horizons of culture/historical interest were observed:

K1 - partially agriculturally disturbed culture layer bearing artefacts of Early/Middle Neolithic character

K2 - undisturbed culture layer bearing artefacts of Early/Middle Neolithic character

K3 - sand/gravel deposit containing spread charcoal and possible Late Mesolithic elements - Early/Middle Neolithic elements are lacking

The characterisation of K1 and K2 as Early/Middle Neolithic is based primarily on the nature of the artefact assemblage recovered, including a tanged point, fragments of slate points with rhombic cross sections (one with barbed shoulders) and the presence of a relatively large amount of slate debris. The presence of chert, while possibly indicative of activity also in other periods (Late Mesolithic and/or Pre-Roman Iron Age) is consistent with an interpretation of an Early/Middle Neolithic phase (Bergsvik pers.com). The status of the Late Mesolithic phase proposed for K3 is less certain. Here the recovery of microblades and a constellation of lithic raw materials including quartz crystal, flint and chert, elements typical of the Late Mesolithic though not completely exclusive to it, were the dating criteria employed.

Radio-carbon dating samples from each of layers K1, K2 and K3 were collected. Due to the relatively small sample sized of the K2 and K3 samples, in the light of the extra cost involved in the dating of small samples and the limited budget available it was decided to date the larger sample from the lower part of the partially disturbed layer K1 (text pit 2, SE quad., lager B2, 18-20 cm below surface, 8.2 gm). This choice proved unfortunate in that it yielded a result of 1400+/-80 BP (Beta 112636), a determination clearly inconsistent with the age of the layer as indicated by the artefact assemblage. This discrepancy is interpreted to be the result of a more penetrating agricultural disturbance into layer K1 than had been expected and thereby contamination of the sample with charcoal burned from a later period.

The small size of the locality tends to preclude an interpretation of a long term occupation. The presence of projectile points (complete, damaged and under manufacture) and a variety of cores and debris are indicative of a weapon retooling station which likely also served as a hunting station. The situation of the locality along a fish rich sound is also suggestive of a site function related to fishing.

# Krakvik, locality 16 Profiles

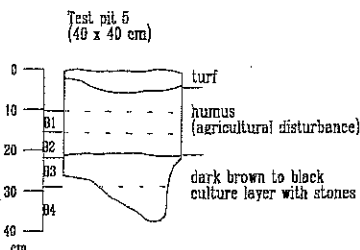
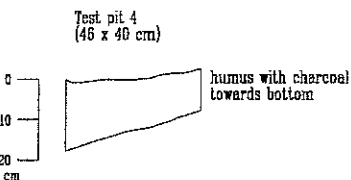
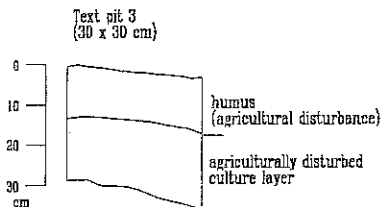
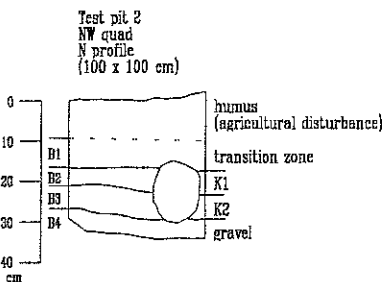
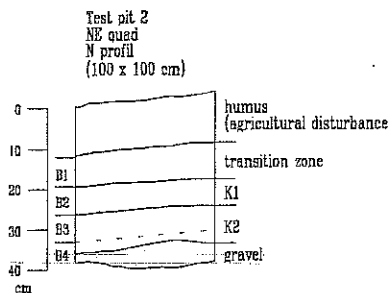
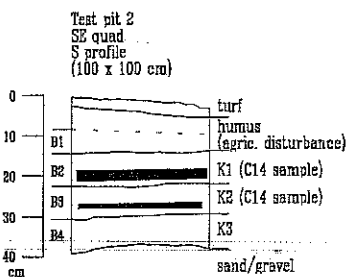
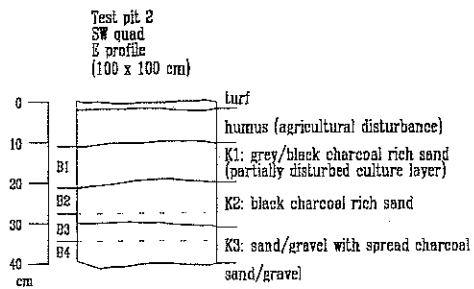
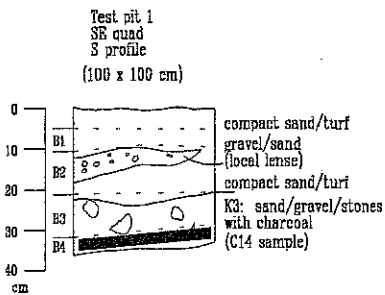


Fig. 5. Loc. 16 Krakvik, profiles.

Artefact type	BA	BE	BK	CH	FL	HA	KL	KS	KT	ME	MY	PS	RY	SA	SE	SK	SS	TOT
Tanged points									1									1
Ground points, rhombic, barbed shoulders																1		1
Ground points, rhombic																5		5
Ground points blank, chipped																1		1
Ground points, <i>halfabrikat</i>																1		1
Blades (8><12mm)					3				3		1							7
Microblades (<8mm)					3				1									4
Bipolar cores					2				2									4
<i>Kjølformet</i> cores									1		1							1
Cores with 2 platforms (non-spec.)																		1
Core frags. (non-spec.)					3													3
Grinding plate fragments																	6	6
Pumice												3						3
Flakes from ground tools	9																	9
End scrapers									2									2
Flakes with concave retouch									1									1
Retouched flakes (non-spec.)												1						5
Bone (burned, unworked)		18																18
Debris (flakes)	39		11	11	59	4	1	6	321		16		2	2	19	228	23	742
Debris (shatter blocks)			2	4	13			3	115		1							138
Historic artefacts (coin)																		2
Historic artefacts ( <i>griffelf?</i> )																		1
Total	48	18	13	15	86	4	1	9	457	1	20	3	2	3	19	236	29	956

Table 2. Artefact overview, Loc. 16, Krakvik

BA=coarse grained volcanics  
 BE=bone  
 BK=quartz  
 CH=quartz crystal  
 FL=flint  
 HA=other struck material  
 KL=soapstone  
 KS=quartz  
 KT=quartzite  
 ME=metal  
 MY=mylonite  
 PS=pumice  
 RY=thylolite  
 SE=serpentine ("labradorit")  
 SK=sandstone  
 SS=sandstone

## Summary and Evaluation

The principle results of this investigation were a more complete characterisation of Loc. 14 Krakvik, as well as the discovery and characterisation of an additional locality, Loc. 16 Krakvik. Loc. 14 was found to be a multi-component locality, dating most likely to the Early Neolithic and early part of the Younger Bronze Age, with the possibility of activity also having taken place in the Late Mesolithic and Pre-Roman Iron Age. The locality was determined to extend over an area of ca 370 m<sup>2</sup> (a figure only slight larger than the estimate of 350 m<sup>2</sup> proposed in the initial survey report, Simpson 1996). In addition, an area of preserved culture layer relating to an Early Bronze age occupation (40 m<sup>2</sup>) was identified. The extensive disturbance of the locality observed in the course of the survey was confirmed and found to extend over most of its area. Unfortunately, the relatively small number of artefacts recovered and the lack of structures rendered interpretations regarding the function of the locality difficult.

Loc. 16 Krakvik was determined to date to the Early/Middle Neolithic, with the possibility of an additional phase dating to the Late Mesolithic. It is of limited size, 150 m<sup>2</sup>, and has also been extensively disturbed. It is interpreted to have functioned as a relatively short term hunting/fishing station, where weapon manufacture and possibly retooling also took place.

Given the disturbed nature of the localities and the small scope of the investigation it is not surprising that only these relatively limited cultural/historical conclusions could be drawn. However, again due to the poor preservation of the localities it is considered that even had there been a significantly greater investment of time and energy the results would in all likelihood have been quite similar.

## References

Bergsvik, Knut A.

pers.com. Stipendiat, Ark. inst, UiB. 1998.

Simpson, David

1996 Innberetning vedr plan for veger for Rugsund/Berle (bruk av  
overskuddsmasser RV616 Langese-Oldeide). Manuscript, Bergen  
Museum, University of Bergen.

## Appendix 1. Photograph list

Film 1 - 100ASA dias

<b>Nr. Motiv</b>	<b>Sign.</b>	<b>Dato</b>
1 Lok. 14 (t.v.) og 16 (t.h. bak/over brakka) Krakvik tatt mot V	DNS	09.10.97
2 Lok. 14 (t.v.) og 16 (t.h. bak/over brakka) Krakvik tatt mot V	DNS	09.10.97
3 Lok. 16 Krakvik tatt mot Ø	DNS	09.10.97
4 Lok. 16 Krakvik tatt mot Ø	DNS	09.10.97
5 Lok. 14 Krakvik tatt mot SØ	DNS	09.10.97
6 Lok. 14 Krakvik tatt mot SØ	DNS	09.10.97
7 Lok. 16 Krakvik tatt fra sjøen mot S	DNS	09.10.97
8 Lok. 16 Krakvik tatt fra sjøen mot S	DNS	09.10.97

Krakvik 1997

Film 2 - svart/kvitt

<b>Nr. Motiv</b>	<b>Sign.</b>	<b>Dato</b>
1 Lok. 14 (t.v.) og 16 (t.h. bak/over brakka) Krakvik tatt mot V	DNS	09.10.97
2 Lok. 14 (t.v.) og 16 (t.h. bak/over brakka) Krakvik tatt mot V	DNS	09.10.97
3 Lok. 16 Krakvik tatt mot Ø	DNS	09.10.97
4 Lok. 16 Krakvik tatt mot Ø	DNS	09.10.97
5 Lok. 14 Krakvik tatt mot SØ	DNS	09.10.97
6 Lok. 14 Krakvik tatt mot SØ	DNS	09.10.97
7 Lok. 16 Krakvik tatt fra sjøen mot S	DNS	09.10.97
8 Lok. 16 Krakvik tatt fra sjøen mot S	DNS	09.10.97



**Appendix 2. Artefact list field title explanations, and keys for coded fields**

Artefact list field title explanations

ruteX	x koordinat
ruteY	y koordinat
prst	prøvestokk nummer
kvad	kvadrant
meklag	gravningsslag
fnr	funnummer
tilvtyp	undernummer til B nummer i Tilvekstfortegn.
type	gjenstandstype (se nede)
del	gjenstands del (se nede)
mattyp	materiale type (se nede)
matfar	materiale farge (se nede)
matkrn	materiale korn størrelse (se nede)
matgjn	materialets gjennomsiktighet (se nede)
thermalt	materiale påvirket av frost/brenning se nede)
korteks	korteks tilstede eller ikke (flint)
ant	antall enheter
liter	antall liter p/gravningsenhet
kommentar	evt. kommentar

Artefact type key (type)

01.1.2	Småflekke 8 >> 12mm
01.1.3	Mikroflekke <8mm
01.2.2	Andre særlig kjemefragment
01.3.2	Avslag av slipt bergartsgjenstand
01.4.0	Bitte
01.5.0	Avslag
02.1.2	Kjølfornet kjerne
02.2.3	Andre kjerne med to plattformer
02.3.0	Bipolar kjerne
09.3.1	A-pil
09.6.2.1	Spiss m/rombiske bladsnitt - agnorer
09.6.2.4	Spiss m/rombiske bladsnitt - ubest. basis
09.6.7	Slipt spiss - huget emne
09.6.8	Slipt spiss - halfabrikat
11.2.1	Endeskraper
11.4.0	Andre skraper
12.1.0	Avslag m/ retusj (ikke spesifiserte)
12.1.4	Avslag m/ konkav retusj
12.1.7	Avslag m/ annen retusj
15.1.0	Slipeplate
15.5.0	Pimpstein
99.0.0	Historisk gjenstander (mynt)
99.0.0	Historisk gjenstander (griffel?)
BEIN	Bein, ikke bearbeidet

Raw material codes (mattyp)

BA	bergart annet
BE	bein
BK	bergkrystall
CH	chert
DI	diabas
FL	flint
GL	glass
HA	hard andre mat. (slått)
KL	kleber
KS	kvarts
KT	kvartsitt
ME	metal
MY	mylonitt
PS	pimpstein
RY	rhyolitt
SA	skiferaktig mat.
SE	serpentinitt ("labradoritt")
SK	skifer
SS	sandstein

Raw material colour codes (matfar)

BL	blå
BR	brun
GL	gul
GN	grønn
GA	grå
HV	hvitt
RD	rød
SV	svart

Raw material grain size codes (matkrn)

F	fin
G	grov

Raw material translucence (matgjn - flint only)

O	opaque
T	translucent

Raw material thermal alteration codes (thermalt)

BR	brent
FR	frost

## Appendix 3. Artefact list Krakvik 14

### Krakvik Lok. 14

ruleX	ruleY	prst	kvad	meklag	fnr	tilvtyp	type	del	matyp	matfar	matkrn	matgjn	thermat	korfeks	ant	liter	kommentar
100	50	NV	A	14	7	01.5.0	KS	HV	G					Net	5	30	NEDERSTE 7 CM AV LAG A
100	50	NV	A	15	7	01.5.0	MY	BL	G					Net	1	30	NEDERSTE 7 CM I LAG A, FORVITRET, FLEKKE FRAGMENT?
100	50	NV	A	16	7	01.5.0	FL	BR	F	T				Net	2	30	NEDERSTE 7 CM I LAG A
100	50	NV	A	17	7	01.5.0	KT	HV	F					Net	1	30	NEDERSTE 7 CM I LAG A, KALSEDON?
100	50	NV	A	18	6	BEIN	BE							Net	3	30	NEDERSTE 7 CM I LAG A
100	50	SØ	A	19	7	01.5.0	KS	GL	G					Net	1	26	"FLESKESTEIN"
100	50	SØ	A	20	7	01.5.0	KS	GN	G					Net	1	26	SLÅTTE BIPOLAR, BIPOLAR KJ. FRAG.?
100	50	SØ	A	21	7	01.5.0	KT	HV	G					Net	1	26	
100	50	SØ	A	22	7	01.5.0	CH							Net	1	26	"BLACK LINE ON WHITE/BEIGE CHERT"
100	50	SØ	A	23	7	01.5.0	FL	BR	F	T				Net	1	26	
100	50	SØ	A	24	6	BEIN	BE							Net	2	26	
100	50	SV	A	25	7	01.5.0	KS	GÅ	G					Net	1	36	KVARTSITT?
100	50	SV	A	26	7	01.5.0	KT	HV	G					Net	2	36	KVARTS?
100	50	SV	A	27	7	01.5.0	KT	GN	M					Net	1	36	SLÅTT BIPOLAR

ruteX	ruteY	prst	kvad	meklag	fnr	tilvyp	type	del	mattp	matfar	matkn	matgjn	thermat	korteks	ant	liter	kommentar
100	50	SV	A	A	28	7	01.5.0		BA	GN	F			Nei	1	36	
100	50	SV	A	A	29	8	01.4.0		BA	GN	F			Nei	1	36	
100	50	SV	A	A	30	2	02.3.0	H	KT	HV	M			Nei	1	36	
100	50	SV	A	A	31	5	12.1.0		FL	BR	F	T		Ja	1	36	
100	50	SV	A	A	32	4	15.1.0	F	SS					Nei	1	36	
100	50	NØ	A	A	33	8	01.4.0		KS	GL	G			Nei	1	28	"FLESKESTEIN"
100	50	NØ	A	A	34	7	01.5.0		FL	HV	F	O	BR	Nei	1	28	
100	50	NØ	A	A	35	2	02.3.0	F	KT	HV	G			Nei	1	28	
100	50	NØ	A	A	36	1	11.4.0	H?	FL	BR	F	T		Nei	1	28	SIDESKRAPER, RETUSJ LANGS 2 EGG
100	50	NØ	B1	B1	37	7	01.5.0		SK	GN	M			Nei	10	16	
100	50	NØ	B1	B1	38	7	01.5.0		BA	GÁ	G			Nei	2	16	
100	50	NØ	B1	B1	39	7	01.5.0		FL	BR	F	T		Nei	1	16	
100	50	SØ	B1	B1	40	7	01.5.0		KT	HV	G			Nei	2	16	
100	50	SØ	B1	B1	42	3	01.3.2		DI	GÁ	M			Nei	1	16	DIABAS?
100	50	SØ	B1	B1	9	9	99.0.0		GL	GN				Nei	1	16	GLASS, KASTIET
100	50	SV	B1	B1	43	7	01.5.0		SK	GN	M			Nei	1	18	

ruleX	ruleY	prst	kvad	meklag	fnr	tilvtyp	lype	del	matvyp	matfar	matkrn	malgin	thermalt	korteks	ant	liter	kommentar
100	50		SØ	B1	41	7	01.5.0		SK	GN	M			Nei	2	16	
100	50		NV	B1	44	7	01.5.0		DI	GÅ	M			Nei	1	17	DIABAS?
100	50		NV	B1	45	7	01.5.0		KT	HV	G			Nei	7	17	KVARTS?
100	50		NV	B1	46	3	01.3.2		DI	GÅ	M			Nei	1	17	DIABAS?
100	50		NV	B2	47	7	01.5.0		KT	HV	F			Nei	1	16	
100	50		NV	B2	48	7	01.5.0		KS	HV	G			Nei	1	16	
100	50		NV	B2	49	4	15.1.0		SS	BR	M			Nei	1	16	PASSER SAMMEN MED #50
100	50		NV	B2	50	4	15.1.0		SS	BR	M			Nei	1	16	PASSER SAMMEN MED #49
100	50		NV	B2	51	4	15.1.0		SS	BR	M			Nei	1	16	
100	50		SV	B2	52	7	01.5.0		BA	GÅ	M			Nei	1	5	
100	50		SV	B2	53	7	01.5.0		SK	GÅ	M			Nei	1	5	STOR, TAKSKIFER?
100	50		NØ	B2	54	7	01.5.0		FL	GÅ	M	O	FR	Ja	2	17	THERMAL ALT, FROST?
100	50		NØ	B2	55	7	01.5.0		FL	GÅ	M	O	FR	Nei	1	17	THERMAL ALT, FROST?
100	50		NØ	B2	56	7	01.5.0		KT	HV	G			Nei	2	17	
100	50		NØ	B2	57	7	01.5.0		SK	GN	M			Nei	2	17	
100	50		NØ	B3	58	7	01.5.0		BA	GN	M			Nei	1	15	

ruTeX	ruleY	prst	kvad	meklag	fnr	flivtyp	type	døl	matyp	matfar	matkrn	matjrn	thermat	korteks	ant	liter	kommentar
100	50		NØ	B3	59	7	01.5.0	FL	GÅ	F	O	BR	Nei	1	15	PATINERT, THERMAL ALT. BRENT?	
100	50		NØ	B3	60	7	01.5.0	KT	HV	G			Nei	1	15	LITEN	
100	50		NV	B3	61	7	01.5.0	KT	HV	G			Nei	5	12		
100	50		NV	B4	62	7	01.5.0	KT	HV	G			Nei	2	5		
100	50		NØ	B4	63	7	01.5.0	FL	GÅ	M	O	FR	Nei	2	5	THERMAL ALT. FROST?	
100	50		NØ	B4	64	7	01.5.0	FL	GÅ	M	O	FR	Ja	1	5		
4				BØT.1	65	7	01.5.0	KT	GL	G			Nei	1	10	"FLESKESTEIN"	
4				BØT.1	66	7	01.5.0	SA	GN	M			Nei	1	10		
4				BØT.1	67	7	01.5.0	FL	BR	F	O		Nei	1	10		
4				BØT.1		9	99.0.0						Nei	1	10	PORSELEN, KASTET	
4				BØT.2	68	7	01.5.0	KS	HV	G			Nei	2	10	KVARTSITT?	
4				BØT.2		9	99.0.0						Nei	1	10	GLASS, KASTET	
5				BØT.1	69	7	01.5.0	BA	GÅ	M			Nei	1	10		
5				BØT.2	70	7	01.5.0	KT	GN	M			Nei	1	5		
5				BØT.2	71	7	01.5.0	MY	GN	F			Nei	1	5		
5				BØT.3	73	7	01.5.0	KT	HV	G			Nei	1	10		

ruteX	ruteY	prst	kvad	meklag	fnr	filvyp	type	del	matvyp	matfar	malkrn	matgjn	thermal	korteks	ant	liler	kommentar
5			BØT.4	74	7	01.5.0		KT	HV	G				Nei	3	10	
5			BØT.4	75	7	01.5.0		KT	GN	M				Nei	1	10	
7			BØT.1	76	7	01.5.0		KS	HV	G				Nei	2	10	
7			BØT.1	77	7	01.5.0		KT	GN	G				Nei	1	10	
7			BØT.1	78	7	01.5.0		KT	HV	G				Nei	1	10	
7			BØT.1	79	6	BEIN		BE						Nei	1	10	
7			BØT.2	80	7	01.5.0		KT	GL	G				Nei	1	10	"FLESKESTEIN?"
7			BØT.2	81	7	01.5.0		KT	HV	G				Nei	1	10	KVARTS?
7			BØT.2	82	8	01.4.0		FL	GÅ	F	T			Nei	1	10	
8			BØT.1	83	7	01.5.0		KT	HV	G				Nei	2	12	
8			BØT.1	84	7	01.5.0		FL	GÅ	F	O			Nei	1	12	
8			BØT.4	85	7	01.5.0		KT	HV	G				Nei	1	12	
8			BØT.6	86	7	01.5.0		FL	GÅ	F	O			Nei	1	12	
8			BØT.8	87	7	01.5.0		KT	RD	G				Nei	2	12	
8			BØT.9	88	7	01.5.0		KT	HV	G				Nei	1	12	
7			BØT.3		9	99.0.0								Nei	1		FRA 14C PRØVE, METAL, KASTET

route	prst	kvad	meklag	fnr	lvtyp	type	del	mttyp	mattar	matkm	matjln	thermall	korteks	ant	liter	kommentar
7		BT.3	89	7	01.5.0	FL	G	F	O	Nei	1	FRA 14C PRVE				
7		BT.3	90	7	01.5.0	KT	HV	G		Nei	2	FRA 14C PRVE				
7		BT.4	91	7	01.5.0	SK	GN	M		Nei	1	FRA 14C PRVE				
7		BT.5	92	7	01.5.0	SK	G	M		Nei	1	FRA 14C PRVE				
7		BT.5	93	7	01.5.0	KT	HV	G		Nei	2	FRA 14C PRVE, KVARTS?				
5		BT.2	72	7	01.5.0	HA	HV	M		Nei	1	5				

**Appendix 4. Artefact list Krakvik 16**

**Krakvik Lok. 16**

ruleX	ruleY	prist	kvad	meklag	fnr	tivtyp	type	del	matyp	matfar	matkm	matgjn	thermall	korteks	ant	liter	kommentar
1	NV	BØT.1	1	19	01.5.0	FL	BR	F	O	Nei	1	12					
1	NV	BØT.1	1	99.0.0	GL	GN				Nei	1	12	GLASS, KASTET				
1	NV	BØT.2	2	19	01.5.0	KT	HV	F		Nei	1	12					
1	NV	BØT.2	3	19	01.5.0	KT	HV	G		Nei	6	12					
1	NV	BØT.2	4	19	01.5.0	BK	HV	M		Nei	1	12					
1	NV	BØT.2	5	19	01.5.0	BK	HV	F		Nei	1	12					
1	NV	BØT.2	6	20	01.4.0	KT	HV	G		Nei	7	12					
1	NV	BØT.3	7	19	01.5.0	KT	HV	F		Nei	1	12					
1	NV	BØT.3	8	19	01.5.0	KT	HV	G		Nei	9	12	KVARTS?				
1	NV	BØT.3	9	19	01.5.0	BK	HV	M		Nei	1	12					
1	NV	BØT.3	10	20	01.4.0	KT	HV	G		Nei	4	12	KVARTS?				
1	NV	BØT.3	11	15	11.2.1	H	HV	F		Nei	1	12					
1	NV	BØT.3	12	15	11.2.1	H	KT	HV	F	Nei	1	12	KUN DISTAL?				
1	SV	BØT.2	13	19	01.5.0	KS	HV	G		Nei	1	12					



route	prst	kvad	meklag	fnr	tilvyp	type	del	matyp	matfar	matkm	matgin	thermalt	korteks	ant	liter	kommentar
1	SV	BØT.2	14	19	01.5.0		KT	HV	G				Nei	5	12	KVARTS?
1	SV	BØT.2	15	20	01.4.0		KT	HV	G				Nei	4	12	KVARTS?
1	SV	BØT.2	16	19	01.5.0		FL	GÅ	F	O	BR		Nei	4	12	LITT BRUNLIG
1	SV	BØT.2	17	19	01.5.0		CH	SV	M				Nei	1	12	STOR, PASSER SAMMEN MED #18
1	SV	BØT.2	18	20	01.4.0		CH	SV	M				Nei	1	12	STOR, PASSER SAMMEN MED #17
1	SV	BØT.2	19	7	01.1.3	H	KT	HV	F				Nei	1	12	
1	SV	BØT.2	20	7	01.1.3	H	FL	GÅ	F	O			Ja	1	12	TYKK
1	SV	BØT.3	21	19	01.5.0		KT	HV	F				Nei	1	12	
1	SV	BØT.3	22	19	01.5.0		KT	HV	G				Nei	12	12	
1	SV	BØT.3	23	20	01.4.0		KT	HV	G				Nei	2	12	
1	SV	BØT.3	24	19	01.5.0		BK	HV	F				Nei	1	12	
1	SV	BØT.3	25	20	01.4.0		BK	HV	F				Nei	1	12	
1	SV	BØT.3	26	19	01.5.0		FL	GÅ	F	O	BR		Nei	1	12	
1	SV	BØT.3	27	19	01.5.0		CH	SV	F				Nei	1	12	RÅSTOFF USIKKER
1	SV	BØT.3	28	11	01.2.2		FL	GÅ	F	O			Nei	1	12	PLATTFORM AVSLAG
1	NØ	BØT.1	30	19	01.5.0		HA	HV	M				Nei	1	12	

ruleX	ruleY	prst	kvad	meklag	fnr	tilvtyp	type	del	matltyp	matfiar	matkm	matgjn	thermat	korteksi	ant	liter	kommentar
		1	NØ	BØT.1	31	19	01.5.0		KT	HV	G			Nei	1	12	
		1	NØ	BØT.1	32	20	01.4.0		KT	HV	G			Nei	1	12	
		1	NØ	BØT.1	29	19	01.5.0		SS	GÅ	F			Ja	1	12	MULIG TEGN PÅ PUSSING
		1	NØ	BØT.1	33	8	02.3.0	F	KT	HV	G			Nei	1	12	MULIG KUN BIT
		1	NØ	BØT.2	34	19	01.5.0		KT	HV	G			Nei	7	12	
		1	NØ	BØT.2	35	19	01.5.0		FL	GÅ	F	O		Nei	1	12	
		1	NØ	BØT.2	36	19	01.5.0		FL	HV	F	O		Nei	1	12	
		1	NØ	BØT.2	37	19	01.5.0		FL	GÅ	F	O		Nei	1	12	VANNRULLET, NATUR? ELLER VANNRULLER SKRAPER?
		1	NØ	BØT.3	38	19	01.5.0		KT	HV	G			Nei	5	12	
		1	NØ	BØT.3	39	20	01.4.0		KT	HV	G			Nei	1	12	
		1	NØ	BØT.3	40	20	01.4.0		KS	HV	M			Nei	3	12	
		1	NØ	BØT.3	41	19	01.5.0		CH	GN	F			Nei	2	12	PASSER SAMMEN
		1	NØ	BØT.3	42	11	01.2.2		FL	BR	F	O		Ja	1	12	PLATFORM AVSLAG?
		1	NØ	BØT.4	43	19	01.5.0		KT	HV	G			Nei	2	12	
		1	NØ	BØT.4	44	19	01.5.0		FL	HV	F	O		Nei	1	12	
		1	SØ	BØT.1	45	19	01.5.0		KT	HV	G			Nei	16	12	"FLESKESTEIN"

routeX	routeY	prst	kvad	meklag	fnr	ilivtyp	type	del	matyp	matlar	matkm	matgjn	thermalt	korteks	ant	lifer	kommentar
		1	SØ	BØT.1	46	20	01.4.0		KT	HV	G			Nei	3	12	"FLESKESTEIN"
		1	SØ	BØT.1	47	14	01.3.2		BA	GN	F			Nei	1	12	
		1	SØ	BØT.2	48	19	01.5.0		KT	HV	G			Nei	38	12	"FLESKESTEIN", NOEN STORE
		1	SØ	BØT.2	49	20	01.4.0		KT	HV	G			Nei	34	12	"FLESKESTEIN", NOEN STORE
		1	SØ	BØT.2	50	19	01.5.0		HA	GÁ	F			Nei	1	12	
		1	SØ	BØT.2	51	8	02.3.0	H?	KT	HV	G			Nei	1	12	TYPE?, KUN BIT?
		1	SØ	BØT.3	52	19	01.5.0		KT	HV	G			Nei	6	12	SMA
		1	SØ	BØT.3	53	20	01.4.0		KT	HV	G			Nei	2	12	
		1	SØ	BØT.3	54	19	01.5.0		BK	HV	F			Nei	7	12	SMA
		1	SØ	BØT.3	55	19	01.5.0		KT	HV	F			Nei	1	12	
		1	SØ	BØT.3	56	19	01.5.0		CH	GÁ	F			Nei	1	12	
		1	SØ	BØT.3	57	20	01.4.0		CH	GÁ	M			Nei	1	12	
		1	SØ	BØT.4	58	19	01.5.0		KT	HV	G			Nei	14	12	
		1	SØ	BØT.4	59	20	01.4.0		KT	HV	G			Nei	6	12	
		1	SØ	BØT.4	60	20	01.4.0		BK	HV	F			Nei	1	12	
		1	SØ	BØT.4	61	19	01.5.0		CH	GÁ	M			Nei	1	12	

route	routeY	prist	kvad	meklag	fnr	tilvtyp	type	del	mattp	matfar	matkm	matgjh	thermalt	korteks	ant	lifer	kommentar
1	SØ	BØT.4	62	7	01.1.3	D	FL	GÅ	F	O	Nei	1	12	FRAG. AV 01.1.2 ELLER 01.1.1?			
1	SØ	BØT.4	63	6	01.1.2	D	FL	GÅ	F	O	Nei	1	12	FRAG. AV 01.1.1?			
2	SV	BØT.1	64	19	01.5.0		KT	GN	F		Nei	2	12				
2	SV	BØT.1	65	19	01.5.0		KT	HV	G		Nei	10	12				
2	SV	BØT.1	66	20	01.4.0		KT	HV	G		Nei	1	12				
2	SV	BØT.1	67	19	01.5.0		SK	GN	F		Nei	4	12				
2	SV	BØT.1	68	19	01.5.0		BA	GN	F		Nei	5	12	GRØNNSTEIN?			
2	SV	BØT.1	69	19	01.5.0		FL	BR	F	T	Nei	1	12				
2	SV	BØT.1	70	20	01.4.0		FL	BR	M	O	Nei	1	12				
2	SV	BØT.1	71	20	01.4.0		CH	GÅ	F		Nei	2	12				
2	SV	BØT.1	72	19	01.5.0		MY	GÅ	F		Nei	1	12				
2	SV	BØT.1	73	19	01.5.0		SK	GÅ	F		Nei	1	12				
2	SV	BØT.1	74	12	15.1.0	F	SS	GÅ	F		Nei	1	12				
2	SV	BØT.1	75	12	15.1.0	F	SS	GÅ	F		Nei	1	12	LITEN			
2	SV	BØT.1	76	14	01.3.2		BA	GÅ	F		Nei	1	12	FORVITRET			
2	SV	BØT.1	77	14	01.3.2		BA	GN	F		Nei	1	12	GRØNNSTEIN?			



ruteX	ruteY	pist	kvad	meklag	fnr	tilvtyp	type	del	matvyp	matfar	matkm	matjrn	thermalt	korteks	ant	liter	kommentar
2	SV	BØT.4	92	19	01.5.0	KT	HV	G						Nei	3	12	
2	SV	BØT.4	93	19	01.5.0	KS	HV	M						Nei	1	12	BERGKRYSTAL?
2	SV	BØT.4	94	19	01.5.0	FL	GÅ	F	O					Nei	1	12	
2	SØ	BØT.1	95	19	01.5.0	KT	GN	F						Nei	1	18	
2	SØ	BØT.1	96	19	01.5.0	KT	HV	G						Nei	7	18	
2	SØ	BØT.1	97	20	01.4.0	KT	HV	G						Nei	1	18	
2	SØ	BØT.1	98	19	01.5.0	KS	HV	F						Nei	1	18	BERGKRYSTAL?
2	SØ	BØT.1	99	19	01.5.0	SK	GN	F						Nei	5	18	
2	SØ	BØT.1	100	19	01.5.0	SA	BR	F						Nei	1	18	FORVITRET
2	SØ	BØT.1	101	19	01.5.0	BA	GN	F						Nei	1	18	GRØNNSTEIN
2	SØ	BØT.1	102	19	01.5.0	MY	BL	M						Nei	1	18	
2	SØ	BØT.1	103	20	01.4.0	FL	BR	F	O					Ja	1	18	
2	SØ	BØT.1	104	20	01.4.0	FL	GÅ	F	O					Nei	1	18	
2	SØ	BØT.1	105	12	15.1.0	F	SS	BR	M					Nei	1	18	
2	SØ	BØT.1	106	5	09.6.8	SK	BR	F						Nei	1	18	
2	SØ	BØT.1			99.0.0	KE								Nei	1	12	RESENT KERAMIKK, KASTET

ruftX	routeY	prst	kvad	meklag	fnr	flivtyp	type	del	matlyp	matfar	malkm	matgin	thermalt	korteks	ant	liter	kommentar
		2	SØ	BØT.2	107	19	01.5.0	KT	HV	G				Nei	15	18	
		2	SØ	BØT.2	108	20	01.4.0	KT	HV	G				Nei	3	18	
		2	SØ	BØT.2	109	19	01.5.0	KT	GÁ	G				Nei	2	18	
		2	SØ	BØT.2	110	19	01.5.0	FL	HV	F	O			Nei	1	18	
		2	SØ	BØT.2	111	19	01.5.0	FL	BR	F	T			Ja	1	18	
		2	SØ	BØT.2	112	19	01.5.0	FL	BR	F	O			Nei	1	18	
		2	SØ	BØT.2	113	19	01.5.0	FL	GÁ	F	O			Nei	3	18	
		2	SØ	BØT.2	114	19	01.5.0	FL	GÁ	F	O			Ja	2	18	
		2	SØ	BØT.2	115	20	01.4.0	FL	GÁ	F	O			Ja	2	18	
		2	SØ	BØT.2	116	19	01.5.0	MY	BL	M				Nei	3	18	
		2	SØ	BØT.2	117	19	01.5.0	BA	GN	F				Nei	5	18	GRØNNSTEIN?
		2	SØ	BØT.2	118	19	01.5.0	BA	GN	F				Nei	1	18	
		2	SØ	BØT.2	119	19	01.5.0	SK	GN	M				Nei	26	18	
		2	SØ	BØT.2	120	19	01.5.0	SK	GÁ	M				Nei	1	18	
		2	SØ	BØT.2	121	19	01.5.0	KL	GN	M				Nei	1	18	
		2	SØ	BØT.2	122	11	01.2.2	FL	GÁ	F	O			Nei	1	18	

routeX	routeY	prst	kvad	meklag	fnr	tilvtyp	type	del	mattyp	matfar	matkrn	matgjn	thermalt	korteks	ant	litar	kommentar
		2	SØ	BØT.2	123	14	01.3.2		BA	GÅ	M			Nei	1	18	
		2	SØ	BØT.2	124	2	09.6.2.4	M	SK	GÅ	M			Nei	1	18	
		2	SØ	BØT.2	125	2	09.6.2.4	D	SK	GN	M			Nei	1	18	GRØNN/GUL
		2	SØ	BØT.3	126	19	01.5.0		KT	HV	F			Nei	1	18	
		2	SØ	BØT.3	127	19	01.5.0		KT	HV	G			Nei	6	18	
		2	SØ	BØT.3	128	20	01.4.0		KT	HV	G			Nei	3	18	
		2	SØ	BØT.3	129	19	01.5.0		FL	GÅ	F	O		Nei	1	18	
		2	SØ	BØT.3	130	20	01.4.0		FL	GÅ	F	O		Ja	2	18	
		2	SØ	BØT.3	131	20	01.4.0		FL	GÅ	F	O	BR	Ja	1	18	
		2	SØ	BØT.3	132	19	01.5.0		KT	BL	M			Nei	1	18	
		2	SØ	BØT.3	133	19	01.5.0		BA	GN	F			Nei	1	18	GRØNNSTEIN
		2	SØ	BØT.3	134	19	01.5.0		BA	BR	F			Nei	2	18	
		2	SØ	BØT.3	135	19	01.5.0		SK	GN	M			Nei	37	18	
		2	SØ	BØT.3	136	19	01.5.0		SE	GN	M			Nei	5	18	"LABRADORITT"?
		2	SØ	BØT.3	137	13	15.5.0		PS					Nei	3	18	
		2	SØ	BØT.3	138	14	01.3.2		BA	GÅ	M			Nei	1	18	HULLSLIPT



routeX	routeY	prst	kvad	meklag	fnr	tilvtyp	type	del	matvyp	matfar	matkm	matgjn	thermalt	korteks	ant	litter	kommentar
		2	SØ	BØT.4	139	20	01.4.0		KT	HV	G			Nei	4	12	
		2	NØ	BØT.1	140	19	01.5.0		KT	HV	F			Nei	1	15	
		2	NØ	BØT.1	141	19	01.5.0		KT	HV	G			Nei	4	15	
		2	NØ	BØT.1	142	20	01.4.0		KT	HV	G			Nei	2	15	LITT GULLAKTIG FARGE
		2	NØ	BØT.1	143	19	01.5.0		KT	GL	G			Nei	3	15	
		2	NØ	BØT.1	144	19	01.5.0		KT	BL	M			Nei	1	15	GROV KORNET?
		2	NØ	BØT.1	145	19	01.5.0		MY	BL	M			Nei	1	15	SPLIT FLAKE
		2	NØ	BØT.1	146	19	01.5.0		FL	GÅ	F	O		Nei	2	15	LITT BLÅLIG
		2	NØ	BØT.1	147	19	01.5.0		FL	GÅ	F	O	BR	Nei	1	15	MAT. USSIK
		2	NØ	BØT.1	148	19	01.5.0		FL	BR	F	T		Nei	1	15	
		2	NØ	BØT.1	149	19	01.5.0		FL	HV	F	O	BR	Nei	1	15	
		2	NØ	BØT.1	150	19	01.5.0		SK	GN	M			Nei	2	15	
		2	NØ	BØT.1	151	19	01.5.0		SK	GÅ	M			Nei	2	15	
		2	NØ	BØT.1	152	19	01.5.0		BA	GN	M			Nei	1	15	
		2	NØ	BØT.1	153	6	01.1.2	P	KT	HV	F			Nei	1	15	
		2	NØ	BØT.1	154	6	01.1.2	D	KT	GN	M			Nei	1	15	TYPE USSIK, AVSLAG?

routeX	routeY	prst	kvad	meklag	fnr	ilivtyp	lype	del	mallyp	matfar	matkm	matgjn	thermalt	korteks	ant	liter	kommentar
	2	NØ	BØT.1	155	16	12.1.4			KT	GN	F			Nei	1	15	
	2	NØ	BØT.2	156	19	01.5.0			KT	HV	G			Nei	10	12	
	2	NØ	BØT.2	157	19	01.5.0			KT	BL	M			Nei	5	12	
	2	NØ	BØT.2	158	19	01.5.0			MY	BL	F			Nei	1	12	
	2	NØ	BØT.2	159	20	01.4.0			MY	BL	F			Nei	1	12	
	2	NØ	BØT.2	160	19	01.5.0			CH		F			Nei	1	12	BLACK LINE ON WHITE/YELLOW CHERT
	2	NØ	BØT.2	161	17	12.1.7			FL	HV	F	O		Ja	1	12	
	2	NØ	BØT.2	162	19	01.5.0			FL	HV	F	T		Nei	1	12	NESTEN OPAQUE
	2	NØ	BØT.2	163	19	01.5.0			FL				BR	Ja	5	12	DIV. SMÅ AVLSÅG, NOEN BRENT, NOEN MED KORTEKS
	2	NØ	BØT.2	164	20	01.4.0			FL	GÅ	M	O		Nei	1	12	
	2	NØ	BØT.2	165	19	01.5.0			BA	GN	M			Nei	4	12	GRØNNSTEIN?
	2	NØ	BØT.2	166	19	01.5.0			SE	GN	M			Nei	6	12	
	2	NØ	BØT.2	167	19	01.5.0			SS	GN	M			Nei	2	12	NATUR?
	2	NØ	BØT.2	168	19	01.5.0			SK	GÅ	M			Nei	1	12	
	2	NØ	BØT.2	169	19	01.5.0			SK	BR	M			Nei	3	12	
	2	NØ	BØT.2	170	19	01.5.0			SK	GN	M			Nei	29	12	

ruleX	rateY	prst	kvad	meklag	fnr	filvyp	type	del	matvyp	matfar	matkm	matgjn	thermalt	korteks	kant	liter	kommentar
		2	NØ	BØT.2	171	2	09.6.2.4	D	SK	GN	M			Nei	1	12	
		2	NØ	BØT.2	172	2	09.6.2.4	M	SK	GN	M			Nei	1	12	
		2	NØ	BØT.2	173	14	01.3.2		BA	GÅ	M			Nei	1	12	SANDSTEIN?
		2	NØ	BØT.2	174	19	BEIN		BE					Nei	3	12	
		2	NØ	BØT.2	175	19	01.5.0		KT	HV	F			Nei	1	12	KORN STORRELSE = MED?
		2	NØ	BØT.3	176	19	01.5.0		KT	HV	G			Nei	6	15	
		2	NØ	BØT.3	177	20	01.4.0		KT	HV	G			Nei	2	15	
		2	NØ	BØT.3	178	19	01.5.0		KT	GÅ	F			Nei	1	15	
		2	NØ	BØT.3	179	19	01.5.0		KT	BL	F			Nei	1	15	
		2	NØ	BØT.3	180	19	01.5.0		KT	BL	G			Nei	1	15	
		2	NØ	BØT.3	181	19	01.5.0		CH		F			Nei	1	15	BLACK LINE ON WHITE/YELLOW CHERT
		2	NØ	BØT.3	182	19	01.5.0		SK	GN	M			Nei	2	15	
		2	NØ	BØT.3	183	19	01.5.0		SK	BR	M			Nei	1	15	
		2	NØ	BØT.3	184	19	01.5.0		SE	GN	M			Nei	1	15	
		2	NØ	BØT.3	185	19	01.5.0		BA	BR	M			Nei	5	15	SANDSTEIN?
		2	NØ	BØT.3	186	6	01.1.2	D	FL	GÅ	F	O	BR	Nei	1	15	

ruleX	ruleY	prst	kvad	meklag	fnr	tilvyp	type	del	mattyp	matfar	matkrm	matgjn	thermalt	korteks	ant	liter	kommentar
		2	NØ	BØT.4	187	19	01.5.0		KT	HV	G			Nei	3	12	
		2	NV	BØT.1	188	19	01.5.0		KT	HV	G			Nei	5	12	
		2	NV	BØT.1	189	20	01.4.0		KT	HV	G			Nei	3	12	
		2	NV	BØT.1	190	19	01.5.0		KT	GL	G			Nei	2	12	
		2	NV	BØT.1	191	19	01.5.0		MY	BL	M			Nei	1	12	
		2	NV	BØT.1	192	19	01.5.0		CH		M			Nei	1	12	BLACK LINE ON YELLOW CHERT
		2	NV	BØT.1	193	19	01.5.0		FL	GÅ	F	O		Ja	2	12	
		2	NV	BØT.1	194	19	01.5.0		FL	GÅ	F	O		Nei	1	12	
		2	NV	BØT.1	195	19	01.5.0		FL	HV	F	T		Ja	1	12	NESTEN OPAQUE
		2	NV	BØT.1	196	19	01.5.0		FL	BR	F	T		Ja	1	12	
		2	NV	BØT.1	197	20	01.4.0		FL	BR	F	T		Nei	1	12	
		2	NV	BØT.1	199	19	01.5.0		SK	GN	M			Nei	16	12	
		2	NV	BØT.1	200	12	15.1.0	F	SS	GÅ	M			Nei	1	12	
		2	NV	BØT.1	201	17	12.1.7		MY	BL	M			Nei	1	12	"BRUKS RETUSJ" LANGS SIDENE
		2	NV	BØT.1	202	17	12.1.7		FL	HV	F	O		Nei	1	12	KJ. FRAG.?
		2	NV	BØT.1	203	19	BEIN		BE					Nei	1	12	

ruleX	ruleY	prst	kvad	meklag	fnr	tilvtyp	type	dcl	mattp	matfar	matkrm	matjnh	thermalt	korteks	jant	ifter	kommentar
		2	NV	BØT.2	204	19	01.5.0		KT	GÅ	F			Nei	1	12	
		2	NV	BØT.2	205	19	01.5.0		KT	HV	G			Nei	6	12	
		2	NV	BØT.2	206	20	01.4.0		KT	HV	G			Nei	2	12	
		2	NV	BØT.2	207	19	01.5.0		KT	GL	G			Nei	3	12	
		2	NV	BØT.2	208	19	01.5.0		KT	GÅ	M			Nei	5	12	
		2	NV	BØT.2	209	19	01.5.0		CH					Nei	1	12	BLACK LINE ON WHITE CHERT
		2	NV	BØT.2	210	19	01.5.0		KT	BL	F			Nei	1	12	
		2	NV	BØT.2	211	19	01.5.0		FL					Nei	6	12	DIV. TYPER FLINT
		2	NV	BØT.2	212	19	01.5.0		SK	GN	M			Nei	42	12	
		2	NV	BØT.2	213	19	01.5.0		SK	BR	M			Nei	3	12	
		2	NV	BØT.2	214	19	01.5.0		SE	HV	M			Nei	1	12	
		2	NV	BØT.2	215	19	01.5.0		BA	GN	M			Nei	4	12	GRØNNSTEIN?
		2	NV	BØT.2	216		09.6.2.1	P	SK	BR	F			Nei	1	12	I TO FRAGMENTER
		2	NV	BØT.2	217	14	01.3.2		BA	GÅ	M			Nei	1	12	
		2	NV	BØT.2	218	1	09.3.1	H	KT	BL	M			Nei	1	12	
		2	NV	BØT.2	219	12	15.1.0	F	SS	BR	M			Nei	1	12	

routeY	prst	kvad	meklag	fnr	tivtyp	type	del	mattyp	mattar	malkrn	matgjn	thermalt	korteks	ant	lifer	kommentar
2	NV	BØT.2	220	12	15.1.0	F	SS	GN	M				Nei	1	12	
2	NV	BØT.2	221	19	BEIN		BE						Nei	1	12	
2	NV	BØT.3	223	20	01.4.0		KT	GÅ	F				Nei	1	12	LITT BLÅLIG
2	NV	BØT.3	224	19	01.5.0		KT	HV	G				Nei	3	12	
2	NV	BØT.3	225	20	01.4.0		KT	HV	G				Nei	1	12	
2	NV	BØT.3	226	19	01.5.0		SS	BR	M				Nei	1	12	
2	NV	BØT.3	227	19	01.5.0		SS	GN	M				Nei	17	12	
2	NV	BØT.4	228	19	01.5.0		KT	HV	G				Nei	2	12	
2	NV	BØT.4	229	20	01.4.0		KT	HV	G				Nei	2	12	
3		BØT.1	230	19	01.5.0		KT	HV	F				Nei	1	12	TEST SÅLD
3		BØT.1	231	19	01.5.0		KT	HV	G				Nei	8	12	TEST SÅLD
3		BØT.1	232	19	01.5.0		SK	GN	M				Nei	3	12	TEST SÅLD
3		BØT.1	233	19	01.5.0		SS	BR	M				Nei	2	12	TEST SÅLD
3		BØT.1	234	14	01.3.2		BA	GN	M				Nei	1	12	* EGG FRG AV ØKS, TEST SÅLD
3		BØT.1	235	4	09.6.7	F	SK	GN	M				Nei	1	12	TEST SÅLD
3		BØT.1	236	6	01.1.2	P	FL	GÅ	F	O			Nei	1	12	TEST SÅLD

ruftX	ruleY	prst	kvad	meklag	fnr	tilvyp	type	del	matnyp	matfar	matkrn	matgin	thermalt	korteks	ant	liter	kommentar
4			BØT.1	237	19	01.5.0	KT	HV	G					Nei	1	12	TEST SÁLD
4			BØT.1	238	20	01.4.0	KT	HV	G					Nei	3	12	TEST SÁLD
4			BØT.1	239	19	01.5.0	KT	GÁ	G					Nei	1	12	TEST SÁLD
5			BØT.1	240	19	01.5.0	KT	HV	G					Nei	3	12	
5			BØT.1	241	20	01.4.0	KT	HV	G					Nei	2	12	
5			BØT.1	242	17	12.1.7	FL	GÁ	F	T				Nei	1	12	"BRUKSRETUSJ" LANGS 2 KANT
5			BØT.1	243	19	BEIN	BE							Nei	1	12	
5			BØT.2	244	19	01.5.0	KT	HV	F					Nei	1	12	
5			BØT.2	245	19	01.5.0	KT	HV	G					Nei	2	12	
5			BØT.2	246	19	01.5.0	FL	HV	F	O				Nei	1	12	
5			BØT.2	247	19	01.5.0	SK	GÁ	M					Nei	1	12	
5			BØT.2	248	19	BEIN	BE							Nei	1	12	
5			BØT.3	249	19	01.5.0	KT	HV	G					Nei	6	12	
5			BØT.3	250	20	01.4.0	KT	HV	G					Nei	1	12	
5			BØT.3	251	19	01.5.0	FL	BL	F	O				Nei	1	12	
5			BØT.3	252	19	01.5.0	SK	GN	M					Nei	1	12	

ruleX	ruteY	prst	kvad	meklag	fnr	tilvtyp	type	del	matlyp	matfar	matkm	matgin	thermalt	korteks	ant	liter	kommentar
5				BØT.3	253	19	01.5.0	SE	GN	M				Nei	2	12	
5				BØT.3	254	19	01.5.0	BA	GN	M				Nei	1	12	GRØNNSTEIN?
5				BØT.4	255	19	01.5.0	KS	HV	M				Nei	1	12	KVARTSITT?
6		NØ		BØT.1	256	19	01.5.0	KT	GN	M				Nei	2		
6		NØ		BØT.1	257	19	01.5.0	KT	HV	F				Nei	1		
6		NØ		BØT.1	258	19	01.5.0	KS	HV	F				Nei	2		BERGKRYSTAL?
6		NØ		BØT.1	259	19	01.5.0	KT	HV	G				Nei	11		
6		NØ		BØT.1	260	20	01.4.0	KT	HV	G				Nei	4		
6		NØ		BØT.1	261	19	01.5.0	MY	GÅ	M				Nei	1		
6		NØ		BØT.1	262	19	01.5.0	FL	HV	F	O			Nei	2		
6		NØ		BØT.1	263	19	01.5.0	FL	GÅ	F	O			Nei	2		
6		NØ		BØT.1	264	20	01.4.0	FL	GÅ	F	O			Nei	1		
6		NØ		BØT.1	265	19	01.5.0	SK	GN	M				Nei	11		
6		NØ		BØT.1	266	19	01.5.0	BA	GN	M				Nei	1		GRØNNSTEIN?
6		NØ		BØT.1	267	10	02.2.3	H	KT	HV	F			Nei	1		SOME IMPURITIES IN MATERIAL. LIGNER TM KJII! BRUKT PÅ AMBOLT STEIN? BIPOLAR?
6		NØ		BØT.1	268	7	01.1.3	P	FL	HV	F	O		Nei	1		"VARIGATED" COLOUR- OPAQUE WHITE AND SLIGHTLY TRASLUSCENT BROWN. (WHITE=PATINA?)



ruleX	ruleY	prst	kvad	meklag	fnr	tilvyp	type	del	matlyp	malfar	matkrn	matgjh	thermatt	korteks	lant	lifer	kommentar
		6	NØ	BØT.1	269	19	BEIN	BE						Nei	1		
		6	NØ	BØT.1	270	22	99.0.0	SA	SV	F				Nei	1		GRIFFEL?
		6	NØ	BØT.2	271	19	01.5.0	KT	HV	F				Nei	1		
		6	NØ	BØT.2	272	19	01.5.0	KT	HV	G				Nei	6		
		6	NØ	BØT.2	273	20	01.4.0	KT	HV	G				Nei	1		
		6	NØ	BØT.2	274	19	01.5.0	KT	GÁ	M				Nei	1		
		6	NØ	BØT.2	275	19	01.5.0	MY	GÁ	M				Nei	1		
		6	NØ	BØT.2	276	19	01.5.0	HA	GÁ	F				Nei	1		
		6	NØ	BØT.2	277	19	01.5.0	SK	BR	M				Nei	1		
		6	NØ	BØT.2	278	19	01.5.0	SK	GN	M				Nei	2		
		6	NØ	BØT.2	279	19	01.5.0	SK	GÁ	M				Nei	1		
		6	NØ	BØT.2	280	19	01.5.0	BA	GÁ	M				Nei	1		
		6	NØ	BØT.2	281	19	01.5.0	SE	HV	M				Nei	1		
		6	NØ	BØT.2	282	19	BEIN	BE						Nei	2		
		6	NØ	BØT.3	293	19	01.5.0	KT	HV	G				Nei	2		
		6	NØ	BØT.3	294	19	01.5.0	FL	GÁ	F	O			Nei	1		

ruleX	routeY	prst	kvad	meklag	fnr	tilvtyp	type	del	matvyp	maifar	malkm	matgjn	thermalt	korfeks	ant	lifer	kommentar
		6	NØ	BØT.3	295	19	01.5.0	SK	BR	M				Nei	1		
		6	NØ	BØT.3	296	19	01.5.0	KT	GÅ	M				Nei	1		
		6	NØ	BØT.4	297	19	01.5.0	KT	HV	G				Nei	7		
		6	NØ	BØT.4	298	20	01.4.0	KT	HV	G				Nei	1		
		6	NØ	BØT.4	299	19	01.5.0	MY	GÅ	M				Nei	1		
		6	NØ	BØT.4	300	19	01.5.0	SK	GN	M				Nei	1		
		6	NØ	BØT.4	301	19	01.5.0	SK	BR	M				Nei	1		
		6	NØ	BØT.4	302	19	01.5.0	SA	GN	M				Nei	1		SANDSTEIN?
		6	NØ	BØT.4	303	19	BEIN	BE						Nei	1		
		6	SV	BØT.1	304	19	01.5.0	KT	HV	G				Nei	5		
		6	SV	BØT.1	305	20	01.4.0	KT	HV	G				Nei	2		
		6	SV	BØT.1	306	19	01.5.0	MY	GÅ	M				Nei	1		
		6	SV	BØT.1	307	19	01.5.0	RY	GÅ	M				Nei	2		
		6	SV	BØT.1	308	19	01.5.0	CH	GÅ	M				Nei	1		KVARTSITT?
		6	SV	BØT.1	309	19	01.5.0	FL	GÅ	F	O			Nei	2		
		6	SV	BØT.1	310	19	01.5.0	FL	SV	F	O	BR		Nei	1		

ruteX	ruteY	prist	kvad	meklag	fnr	tilvtyp	type	del	matlyp	matfar	matkm	matgjn	thermall	korteks	ant	liter	kommentar
6	SV	BØT.1	311	20	01.4.0	FL	SV	F	O	Nei	1						
6	SV	BØT.1	312	19	01.5.0	SK	GN	M		Nei	4						
6	SV	BØT.1	313	19	01.5.0	SE	GN	M		Nei	1						
6	SV	BØT.1	314	19	01.5.0	BA	GN	M		Nei	1						GRØNNSTEIN?
6	SV	BØT.1	315	6	01.1.2	P	KT	GN	F	Nei	1						
6	SV	BØT.1	316	6	01.1.2	D	MY	GÅ	F	Nei	1						
6	SV	BØT.1	317	19	BEIN	BE				Nei	4						
6	SV	BØT.1	318	21	99.0.0	H	ME			Nei	1						MYNT 18??
6	SV	BØT.1			99.0.0	KE				Nei	1						GLASSERT KERAMIKK, RESENT, KASTET
6	SV	BØT.2	319	19	01.5.0	KT	HV	G		Nei	5						
6	SV	BØT.2	320	20	01.4.0	KT	HV	G		Nei	3						
6	SV	BØT.2	321	19	01.5.0	KT	GN	M		Nei	1						LIP, SOFT HAMMER
6	SV	BØT.2	322	19	01.5.0	MY	GÅ	F		Nei	1						
6	SV	BØT.2	323	19	01.5.0	MY	GÅ	M		Nei	1						
6	SV	BØT.2	324	19	01.5.0	HA	GÅ	F		Nei	1						LITEN, FORVITRET MYLONITT?
6	SV	BØT.2	325	19	01.5.0	FL	GÅ	F	O	Nei	2						

route	prst	kvad	meklag	fnr	tivtyp	type	del	matyp	matfar	matkm	matgjh	thermalt	korteks	ant	liter	kommentar
6	SV	BØT.2	326	20	01.4.0		FL	BR	F	T			Nei	1		
6	SV	BØT.2	327	19	01.5.0		SK	GN	M				Nei	3		
6	SV	BØT.2	328	19	01.5.0		SK	BR	M				Nei	2		BRUN/GRÅ
6	SV	BØT.2	329	19	01.5.0		SE	GN	M				Nei	1		
6	SV	BØT.2	330	19	01.5.0		BA	BR	M				Nei	1		GRØNNSTEIN?
6	SV	BØT.2	331	19	01.5.0		BA	GN	M				Nei	1		SANDSTEIN?
6	SV	BØT.2	332	17	12.1.7		FL	BR	F	T			Nei	1		NESTEN OPAQUE, RETUSJ LANGS DIV. EGG
6	SV	BØT.2	333	2	09.6.2.4		SK	GN	M				Nei	1		
6	SV	BØT.3	334	19	01.5.0		KT	HV	G				Nei	1		
6	SV	BØT.3	335	20	01.4.0		KT	HV	G				Nei	2		
6	SV	BØT.3	336	19	01.5.0		FL	HV	F	O	BR		Nei	1		
6	SV	BØT.3	337	19	01.5.0		SK	GN	M				Nei	10		
6	SV	BØT.3	338	19	01.5.0		SE	GN	M				Nei	1		
6	SV	BØT.3	339	19	01.5.0		BA	GN	M				Nei	1		GRØNNSTEIN?
6	SV	BØT.3	340	8	02.3.0	F	FL	BR	F	O			Nei	1		NESTEN OPAQUE
6	SV	BØT.3	341	19	BEIN		BE						Nei	1		

routeX	routeY	prst	kvad	meklag	fnr	tilvtyp	type	del	matyp	matfar	matkrn	matgjn	thermalt	korteks	ant	liter	kommentar
		6	SV	BØT.3	342	19	01.5.0		KT	GN	M			Nei	1		NESTEN HVIT
		6	SV	BØT.3	343	20	01.4.0		KT	GN	M			Nei	1		NESTEN HVIT, KJERNE?
		6	SV	BØT.3	344	19	01.5.0		KT	HV	G			Nei	1		
		6	SV	BØT.3	345	19	01.5.0		SK	GN	M			Nei	3		
		5		BØT.1			99.0.0		KE					Nei	1	12	TEGL. KASTET
		6	NØ	BØT.1			99.0.0		KE					Nei	1	12	PORSELEN, KASTET
		2	NØ	BØT.3	222	8	02.3.0	H	FL	GÅ	F	O		Nei	1	12	

