



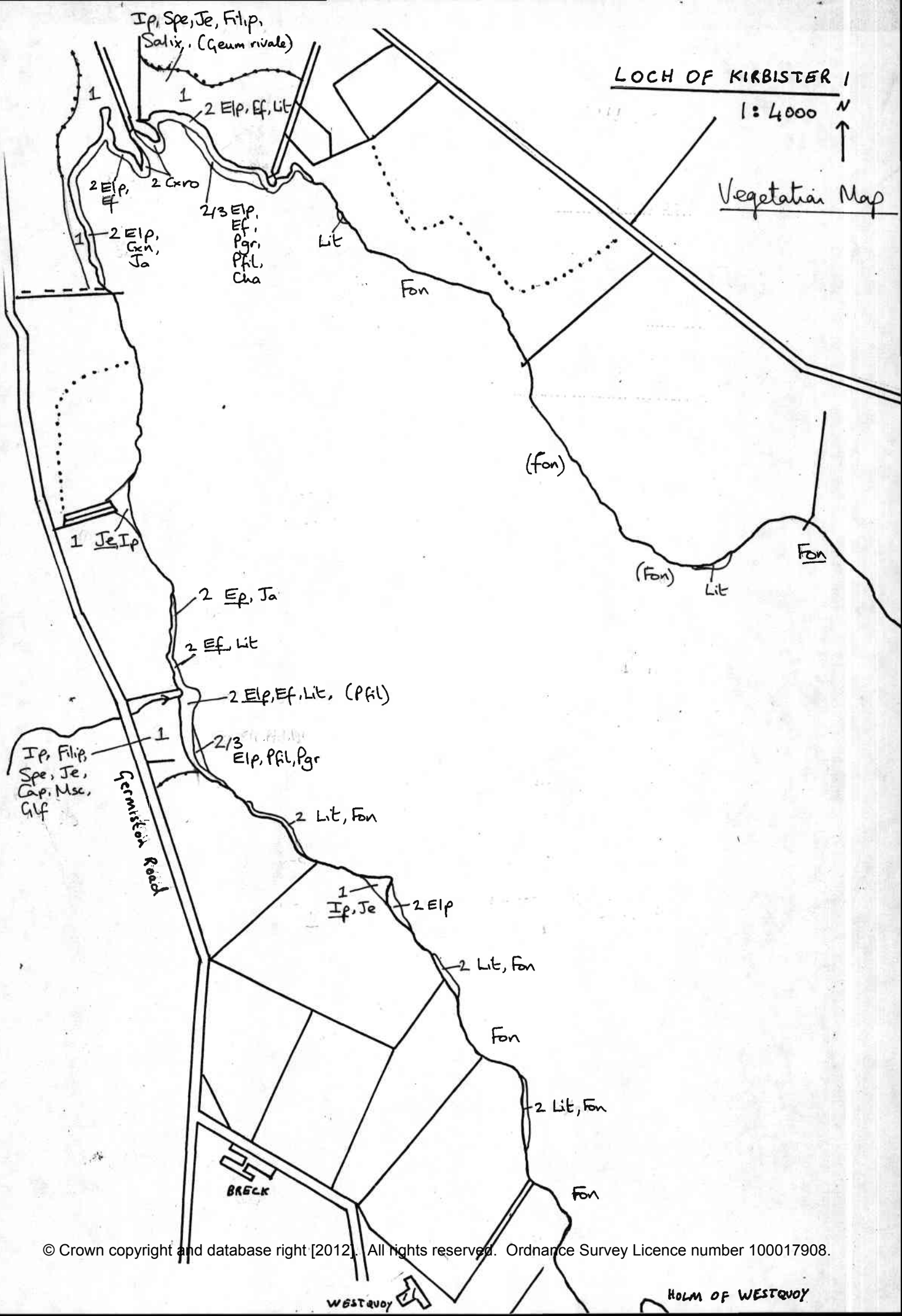
Species checklist for ... Loc. of KIRBISTER..... NO. VIII b

S19/11

Map code	Species	DAFOR	Map code	Species	DAFOR
Ags	<u>Agrostis stolonifera</u> Marsh	.F...	Pha	<u>Phragmites australis</u>	.....
Api	<u>Apium inundatum</u>	.....	Pam	<u>Polygonum amphibium</u> Marsh	..R.
Cah	<u>Callitriche hamulata</u>	.....	Pbe	<u>Potamogeton berchtoldii</u>	.....
Cher	<u>Callitriche hermaphrodita</u>	.....	Pcr	<u>Potamogeton crispus</u>	.....
Cpla	<u>Callitriche platycarpa</u>	.....	Pfil	<u>Potamogeton filiformis</u>	..LF..
Cas	<u>Callitriche stagnalis</u> Marsh	..O...	Pfr	<u>Potamogeton friesii</u>	.....
Cap	<u>Caltha palustris</u> edge Marsh	..F...	Pgr	<u>Potamogeton gramineus</u> washed up	..LF. A.
Cxn	<u>Carex nigra</u> edge Marsh	..F...	Pn	<u>Potamogeton natans</u>	.....
Cxro	<u>Carex rostrata</u> edge Marsh	..LF..	PXn	<u>Potamogeton X nitens</u>	.....
Elp	<u>Eleocharis palustris</u> edge	..LF..	Pob	<u>Potamogeton obtusifolius</u>	.....
Era	<u>Eriophorum angustifolium</u> Marsh	..O...	Ppec	<u>Potamogeton pectinatus</u> washed up	..... O.
GlF	<u>Glyceria fluitans</u> edge/marsh	..O...	Pper	<u>Potamogeton perfoliatus</u>	.....
Hip	<u>Hippuris vulgaris</u>	.....	Ppol	<u>Potamogeton polygonifolius</u>	.....
Hyd	<u>Hydrocotyle vulgaris</u> Marsh	..F...	Ppu	<u>Potamogeton pusillus</u>	.....
Ip	<u>Iris pseudacorus</u> Marsh	..LD	Pop	<u>Potentilla palustris</u> Marsh	..LA.
Ja	<u>Juncus articulatus</u> edge/marsh	..F...	Ra	<u>Ramunculus aquatilis</u>	.....
Jb	<u>Juncus bulbosus</u>	.....	Rb	<u>Ramunculus baudotii</u>	.....
Je	<u>Juncus effusus</u> Marsh	..LA..	Rf1	<u>Ramunculus flammula</u> Marsh	..O...
Lm	<u>Lemna minor</u>	.....	Rhe	<u>Ramunculus hederaceus</u>	.....
Lit	<u>Littorella uniflora</u> edge	..LF..	Rtr	<u>Ramunculus trichophyllus</u>	.....
Ma	<u>Mentha aquatica</u> Marsh	..F...	Ris	<u>Rorippa islandica</u>	.....
Mt	<u>Menyanthes trifoliata</u>	.....	Sf	<u>Scirpus fluitans</u>	.....
Mg	<u>Mimulus guttatus</u> Marsh	..O...	S1	<u>Scirpus lacustris</u>	.....
Mon	<u>Montia fontata</u>	.....	St	<u>Scirpus tabernaemontani</u>	.....
Myl	<u>Myosotis laxa/caespitosa</u>	.....	Spa	<u>Sparganium angustifolium</u>	.....
Msc	<u>Myosotis scorpioides</u> Marsh	..O...	Spe	<u>Sparganium erectum</u> Marsh	..LA..
Mal	<u>Myriophyllum alterniflorum</u>	.....	Uti	<u>Utricularia intermedia</u>	.....
Msp	<u>Myriophyllum spicatum</u>	.....	Um	<u>Utricularia minor</u>	.....
Nas	<u>Nasturtium officinale</u> mflow	..R...	Uva	<u>Utricularia vulgaris/australis</u>	.....
Pa	<u>Phalaris arundinacea</u> Marsh	..O...	Une	<u>Utricularia neglecta</u>	.....

Map code	Species	DAFOR	
Vb	Veronica beccabunga	.....	..... Geum rivale ..... Marsh. LF.
Vaa	Veronica anagallis-aquatica	.....	..... Salix sp. ..... LF.
Vs	Veronica scutellata	.....	.....
Ef	Equisetum fluviatile	Edge LF Marsh .O..	..... Veronica anagallis aquatica ..... Marsh.
Ep	Equisetum palustre	Edge LF..	..... Cardamine sp. ....
Cha	Chara spp. globularis var virgata	..LF..	..... Angelic... sylvestris ..... Marsh.
Nit	Nitella spp.	.....	..... Senecio aquaticus .....
Fon	Fontinalis antipyretica	.A-D	..... Lychnis fls: cuculi ..... Marsh. Geum rivale .....

Charophyte identification  
verified by J.M. Moore



Vegetation Map

LOCH OF KIRBISTER 2

1:4000  
↑

Fon  
Lit, EA  
(Cha)

Fon

Fon  
Lit

1  
Ip  
Filip,  
Je

Fon  
Lit

EA

(Fon)  
Fon  
(Lit)

(Lit)  
Fon

Fon

Fon

(Fon)

(Fon)

Fon

(Fon)

(Fon)

(Fon)

(Fon)

(Fon)

Fon

(Fon)

(Fon)

(Lit)

HOLM OF GROUNDWATER

1 Filip,  
Ip, Cap,  
Pa

Orain

1  
Ip  
Je

Filip

Ja

1 Ip, Filip, Ags

Filip, Ip, Pa

Filip

Pump House

PIER

Fon

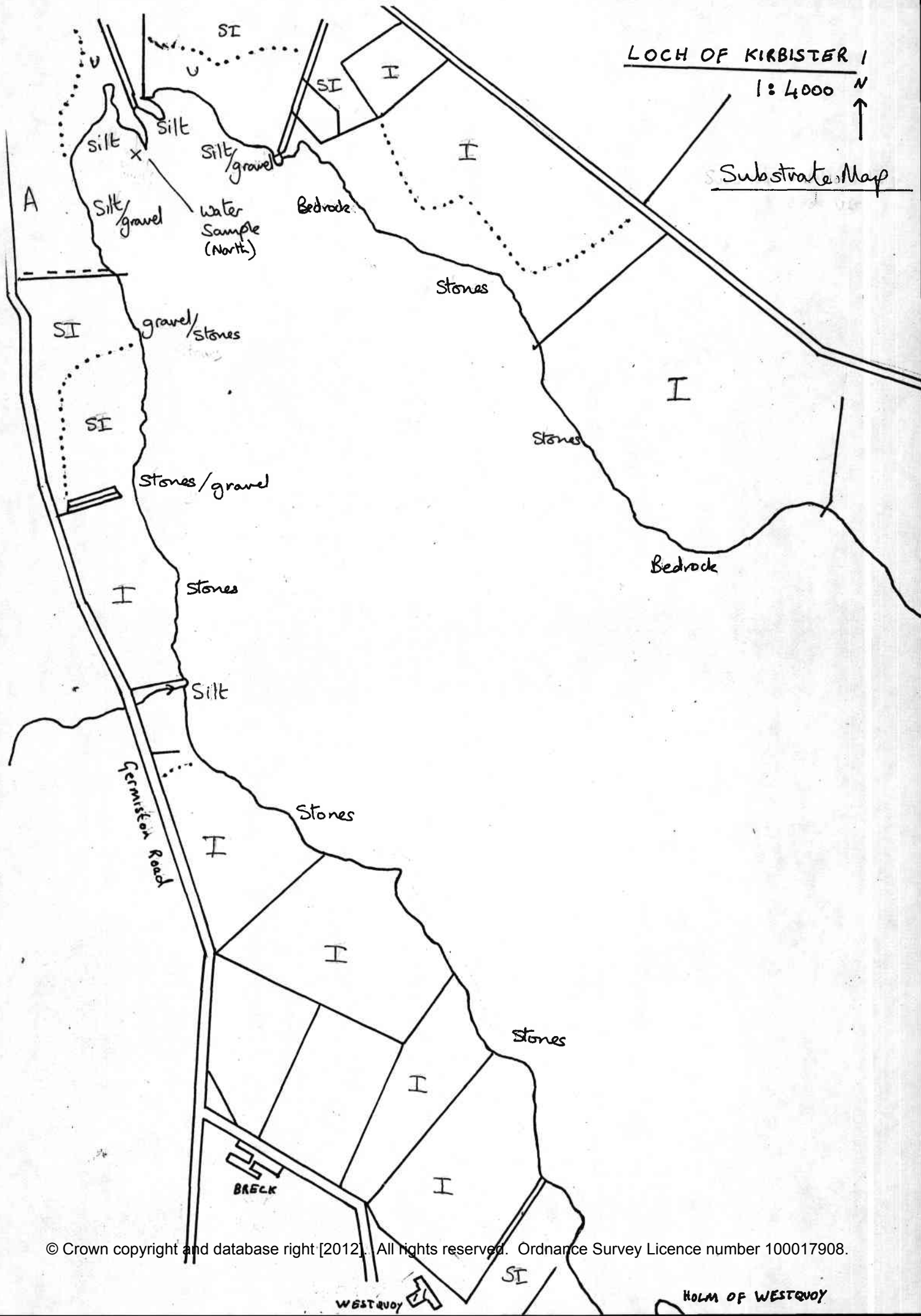
1 Filip, Angelica

Filip, Ip,  
Gen, Salix  
aurita

2 EIP



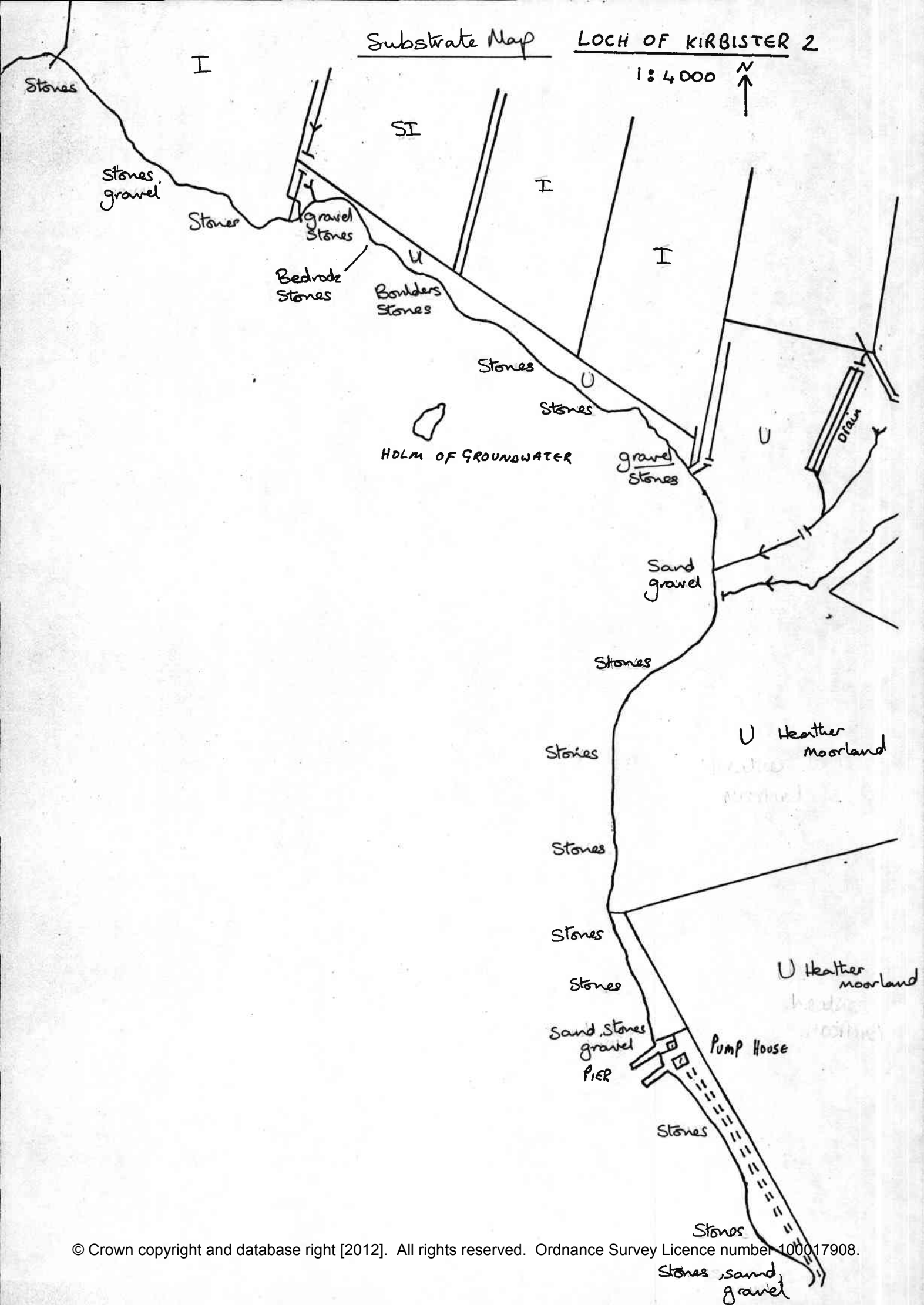




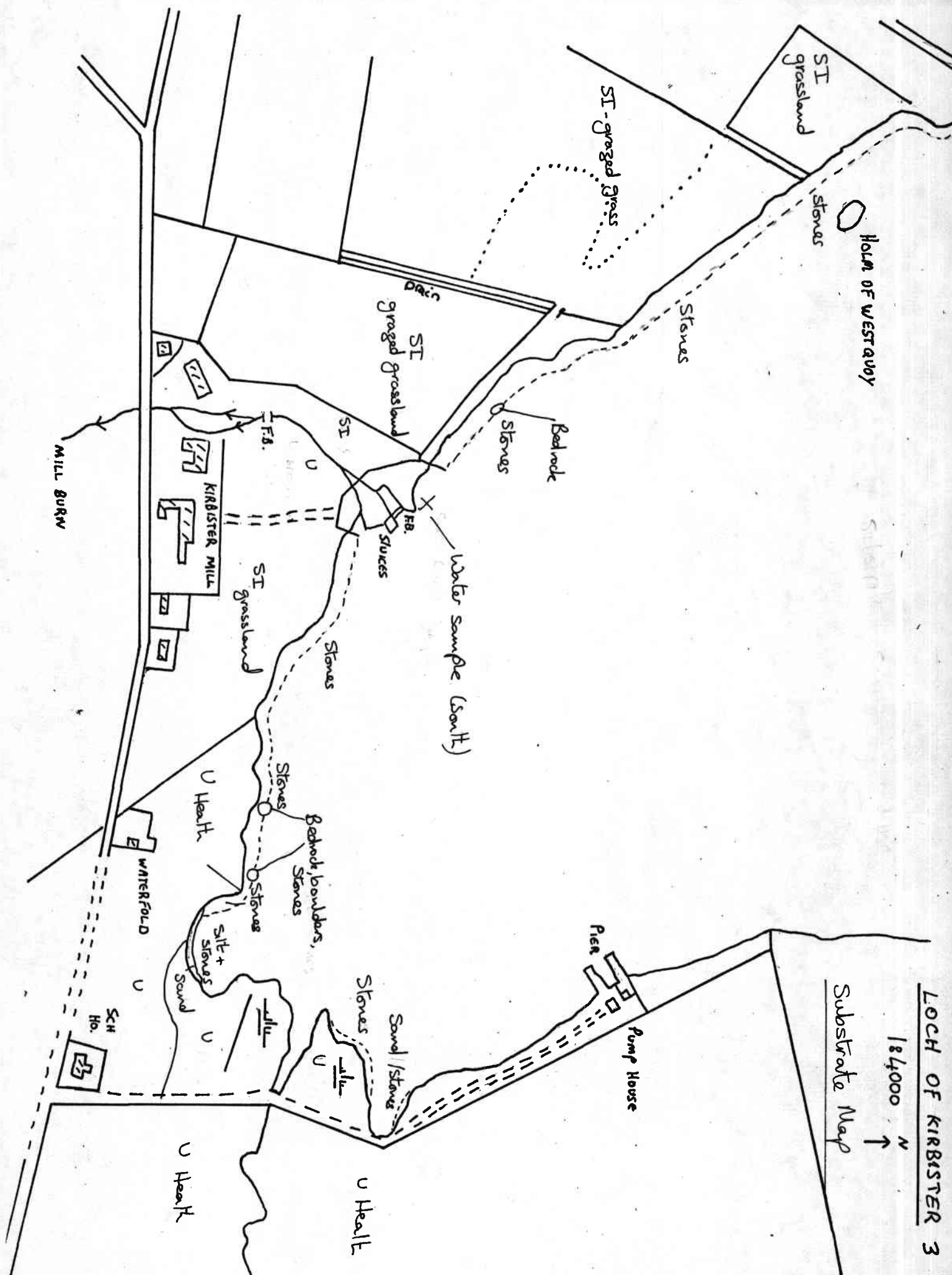
Substrate Map

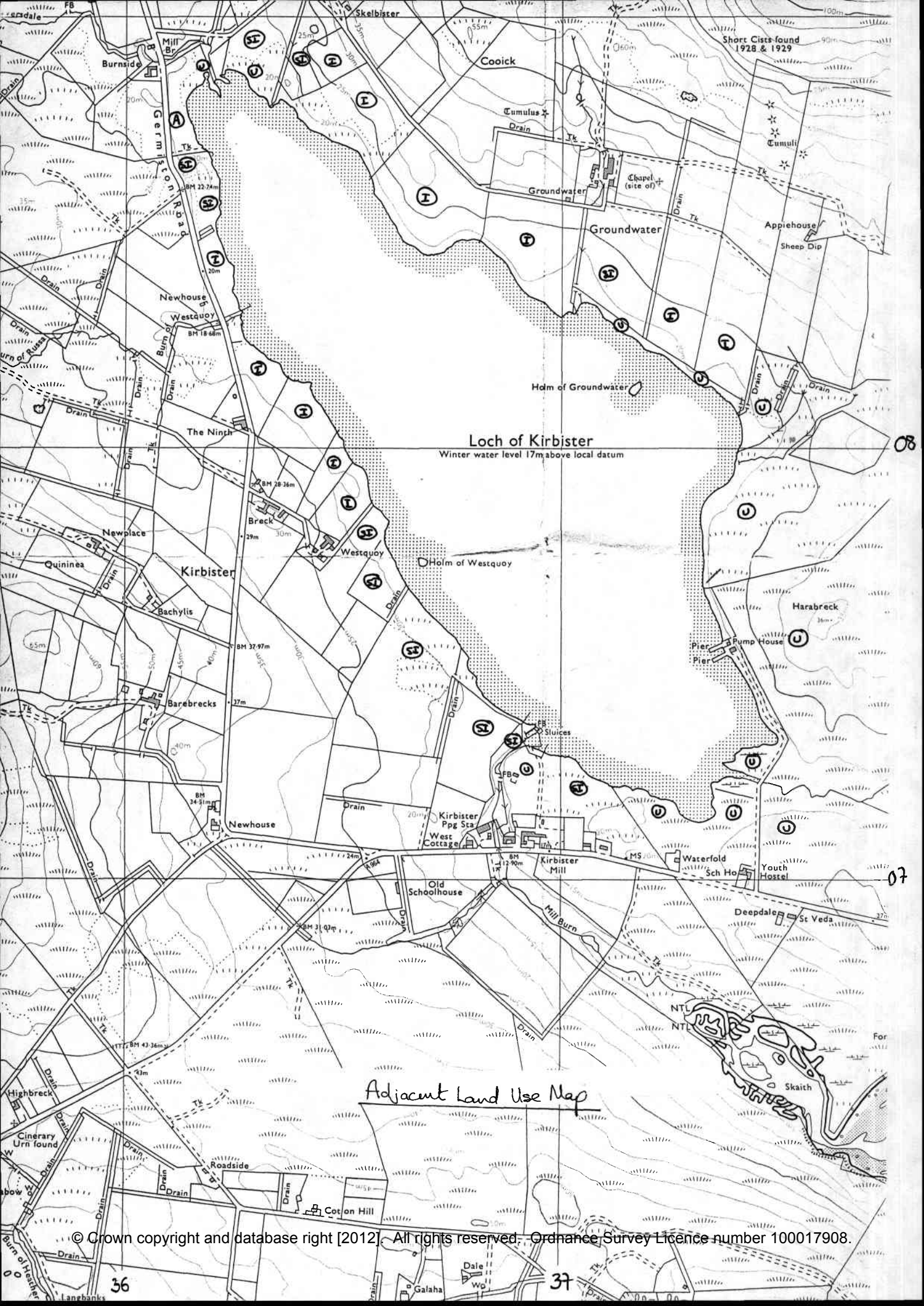
LOCH OF KIRBISTER 2

1:4000









Plant Communities

## 1. Marsh,

The marsh community is sparse around much of the loch with the exception of the inflow and outflow areas. Steep grass banks extending up to the loch edge is common.

The community is dominated by Iris pseudacorus, Sparganium erectum, Filipendula ulmaria and Juncus effusus. Other associated species include Phalaris arundinacea, Mentha aquatica, Myosotis scorpioides, Angelica sylvestris, Juncus articulatus, Carex nigra, Hydrocotyle vulgaris, Senecio aquaticus, Lychnis flos-cuculi, Mimulus guttatus, Geum rivale and Polygonum amphibium. Nasturtium officinale, Cardamine sp (flexuosa?), and Veronica anagallis aquatica are confined to the inflow area.

## 2. Edge.

The edge community is very sparse. Eleocharis palustris, Equisetum fluviatile, Caltha palustris, Glyceria fluitans, Carex nigra and Juncus articulatus occur occasionally. Small areas of S19a occur (Eleocharitetum palustris).

## 2/3 Edge/Open Water.

Very occasional Eleocharis palustris and Equisetum fluviatile occur with Potamogeton gramineus, P. filiformis and Chara sp.

## 3. Open Water.

The open water community is dominated by Fontinalis antipyretica with Littorella uniflora, Chara spp, and Potamogeton pectinatus.