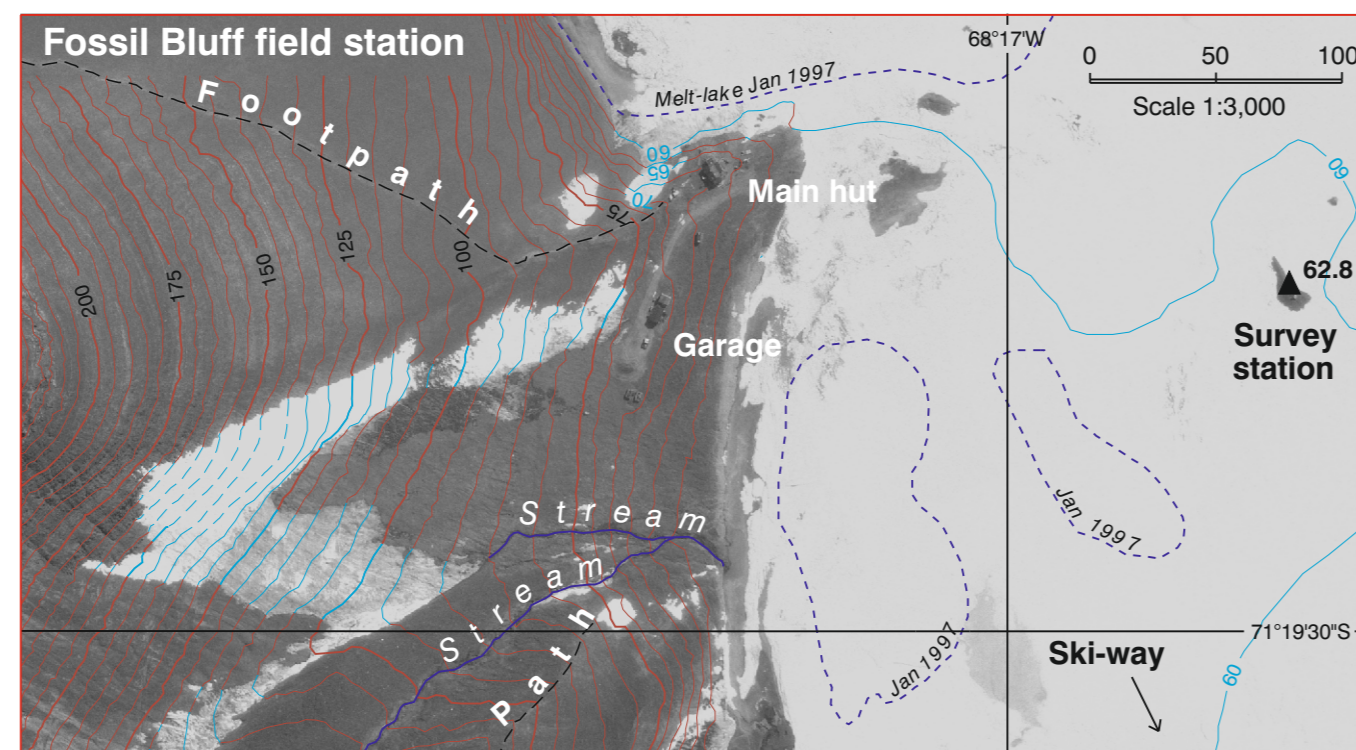
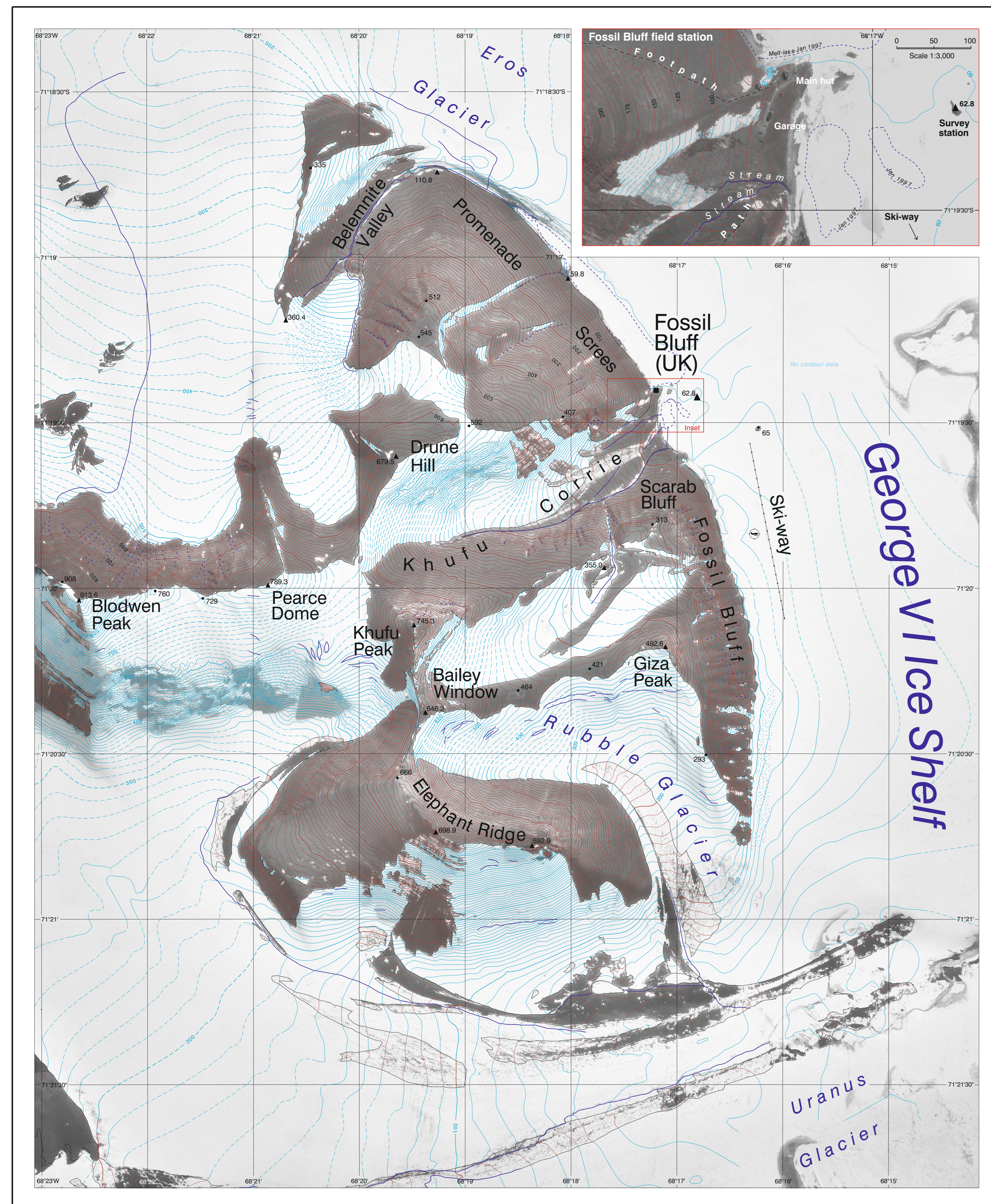
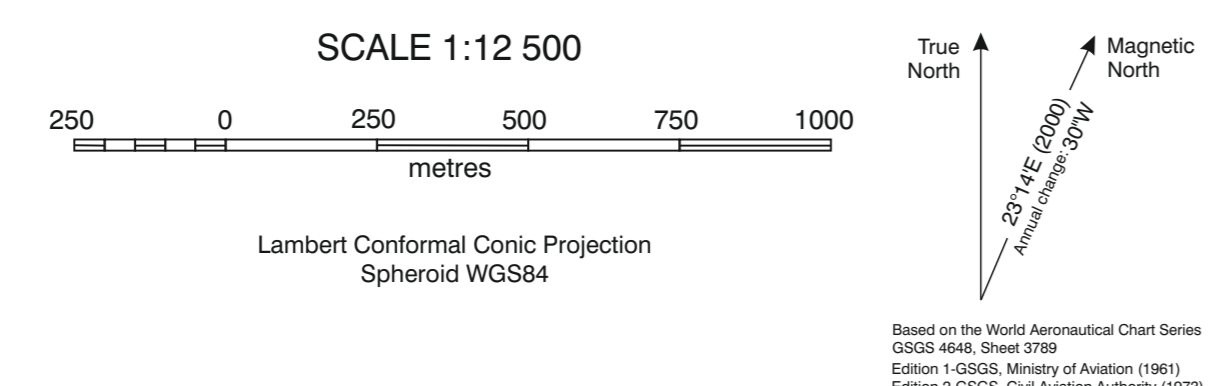


FOSSIL BLUFF, ALEXANDER ISLAND

Scale: 1:12 500



LEGEND	
Index contour on rock (or moraine), ice (100 m)	1:1000 MSL water level
Approx. index contour on rock (or moraine), ice (100 m)	▲ GPS survey station
Contour on rock (or moraine), ice (10 m)	▲ BAS network survey station
Approx. contour on rock (or moraine), ice (10 m)	▲ Photogrammetric control height
Crestline	■ Scientific station
Crevasse area	⊠ Airstone for ski-equipped aircraft
Blow	⊠ Ski-way (existing/prop)
Gate	



Orthophotography
The orthophoto background on this sheet is a 'photo map' created by rectifying aerial photographs to combine the geometric characteristics of a map with the detail visible on the photography.

CAUTIONS
ABSENCE OF CREVASSE SYMBOLS DOES NOT NECESSARILY INDICATE A CREVASSE-FREE AREA

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FOSSIL BLUFF ALEXANDER ISLAND

Scale: 1:12 500



Fossil Bluff base line, with Khufu Peak beyond (P. Bucknall, BAS)

Fossil Bluff (71°30'S 68°17'W)

Fossil Bluff was probably first seen from the air by Ellsworth on 23 November 1935. The area was first visited and surveyed in 1956 by members of the British Graham Land Expedition, who named it *Fossil Camp* because the first fossils from Alexander Island were discovered there. It was renamed Fossil Bluff after a resurvey by the Falkland Islands Dependencies Survey (FIDS) in 1948.

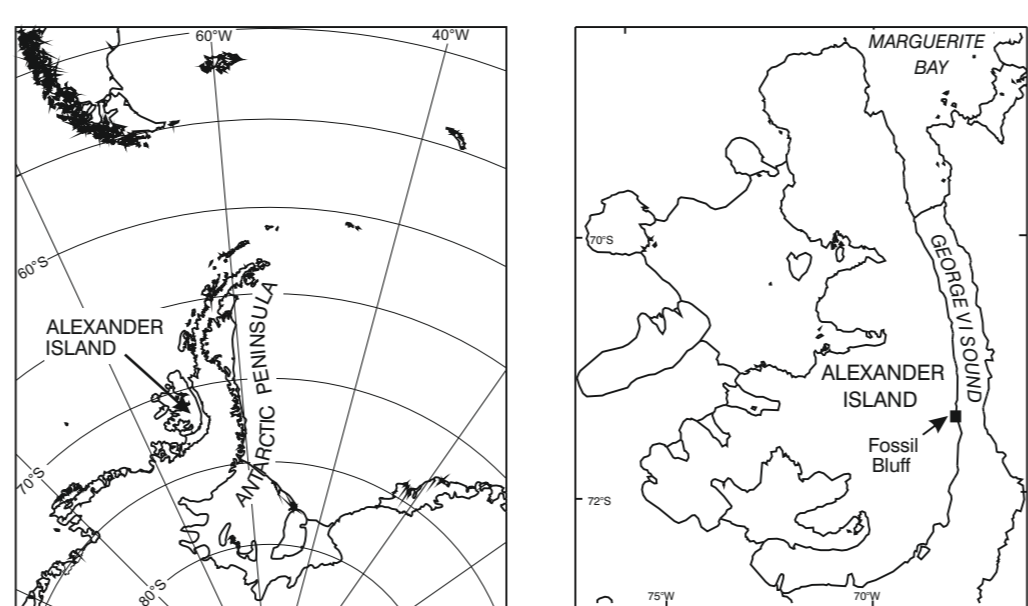
The FIDS/BAS base was established in February 1961 and occupied as a winter station in 1961, 1962 and 1969-75, but it has been a summer-only station since 1975. The current hut houses four people and there is a 1200 m long, marked but unprepared, aircraft ski-way 1 km south of the station.

Fossil Bluff is presently operated from Rothera research station as a forward facility for refuelling aircraft, as a meteorological observatory, and as a transit station for summer field parties. Twin Otter aircraft ferry drums of fuel from Rothera to Fossil Bluff each summer to maintain the size of the fuel depot. The station is 90 minutes flying time from Rothera.



Aircraft refuelling on the ski-way, with Giza Peak beyond (P. Bucknall, BAS)

LOCATION MAPS



Compilation details

Ground control: Adjusted British Antarctic Territory survey network (1985) and BAS GPS survey 1995

Aerial photography: BAS 295-69-72 (Dec. 1994)

Photogrammetry and map compilation by A.J. Fox
BAS Mapping and Geographic Information Centre, 1998 - 2000

Preferred reference for this map:
BRITISH ANTARCTIC SURVEY 2000 Fossil Bluff, Alexander Island.
BAS SCISTAMAP Series, Sheet 2, 1:12 500 scale map, Cambridge, British Antarctic Survey.
* SCISTAMAP is an acronym for Scientific Station Maps