

SHACKLETON

SCOTT

DIEGLMAN

GLACIER

ICE

ISLAND

Foster Island

SHELF

ARCHIPELAGO

CURRITUCK

Penal Bay

HIGH JUMP

ISLAND

EDISTO CHANNEL

Seryy Island

TONGUE

TAYLOR

ISLANDS

GLACIER

Geologov Island

EDISTO

VERTOLETNY PENINSULA

KRYLATY PENINSULA

Paz Cove

Algae Lake

Krayniy Island

Transkriptii Gulf

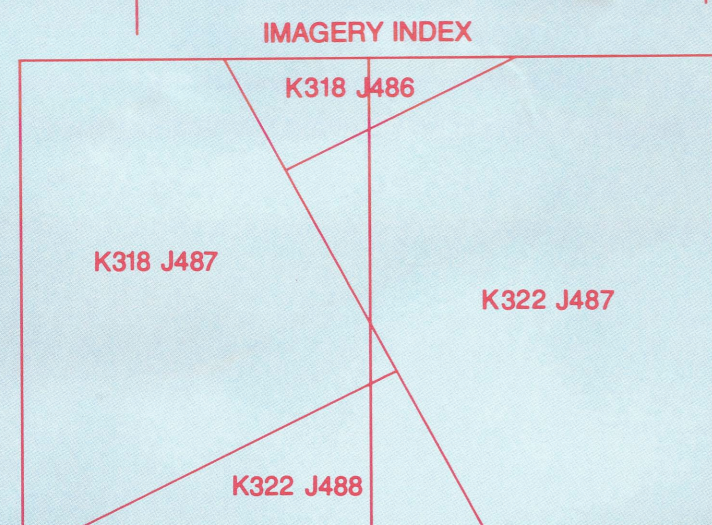
EDGEWORTH DAVID Australia

Cape Hordern

Lake Dolgoe

BUNGER HILLS

APPEL GLACIER



SCALE 1 : 50 000  
2 cm to 1 kilometre

km 1 0.5 0 1 2 3 km

PROJECTION: Transverse Mercator  
GRID: Universal Transverse Mercator, grid zone 47  
HORIZONTAL DATUM: World Geodetic System 1984  
MAGNETIC VARIATION: 89° west in 1991

IMAGE: Multispectral Space Imagery SPOT 1 acquired  
25 February 1990  
WRS co-ordinates: K318 J486, K318 J487,  
K322 J487 and K322 J488

NOMENCLATURE: Names have been approved by the  
Antarctic Names Committee of Australia but are subject to  
confirmation (June 1992)

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AUSTRALIAN ANTARCTIC TERRITORY



# Bunger Hills West

WILKES LAND  
QUEEN MARY LAND

ANTARCTICA

SATELLITE IMAGE MAP  
1 : 50 000 SCALE



## BUNGER HILLS

The Bunger Hills were first sighted by a party led by Frank Wild of the Australasian Antarctic Expedition's Western Party in November 1912. They named Hordern Island, now known as Cape Hordern, from a distance but were unable to cross the Denman Glacier which was very badly crevassed. The AAE West Base was established on the Shackleton Ice Shelf near Masson Island from 1912 - 1913.

The first landing in the Bunger Hills was made on 1 February 1947 by Lieutenant Commander David Bunger USN who landed on an arm of the sea in a seaplane from the USS *Currutuck* during Operation Highjump 1946 - 1947. At first the area was known as the Bunger Oasis which was later changed to Bunger Hills. In 1948 the Bunger Hills were revisited by Operation Windmill to establish ground control for the aerial photography taken the previous year.

In January 1956, the Soviet Antarctic Expedition began continuous occupation of the Bunger Hills and Oasis Station was opened in October 1956. The station was handed over to Poland in January 1959 who renamed it Dobrowolski.

In 1956 Dr Phillip Law and his pilot Doug Leckie visited the Bunger Hills by Beaver aircraft, taking off from the sea ice alongside the *Kista Dan*. The weather closed in and after taking a few photographs they had to return to the ship.

In 1977 the *Nella Dan* reached the edge of the Shackleton Ice Shelf about 70 km north east of the Bunger Hills and a party was flown in by helicopter. They spent five hours ashore collecting water, algae, moss and lichen samples to compare with other similar environments.

In 1986 ANARE set up Edgeworth David Station on the shores of Transkriptii Gulf in the southwestern Bunger Hills. The station was occupied for an intensive season of geology, geomorphology, microbiology and surveying. Aerial photography was flown over the whole of the Bunger Hills by helicopter and ground control was obtained for space imagery which was used in the compilation of this map.