2002 HIGHER SCHOOL CERTIFICATE EXAMINATION										
Geography										
				Centre Number						
Section II (continued)										
					1	1	Stı	ıden	t Nu	mber
									M	arks
Que	estion 18 (5 marks)									
Refe	er to Sources D, E and F.									
An e	environmental impact report must be written be	efore o	lrillir	ng fo	r oil	in A	R 35	93.		
(a) From the sources, identify ONE ecosystem that could be placed at risk as a result of drilling for oil.										1
(b)	Outline TWO likely impacts that the drilling could have on the ecosystem identified in part (a).									4
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### **Key for Source D** Unsealed road two or more lanes; Culvert; Causeway . . . . . Mines; Building; Ruin; Church; Windpump; Yard . . . . . . . . Fence; Horizontal control point; Spot elevation . . . . . . . . . Contour with value and cliff; Pinnacle . . . . . . . . . . . . . . . Depression contours; Sand. . . . . . . . . . . . Vegetation: Dense, medium, scattered . . . . . . . Watercourse: Area subject to inundation . . . . . . \*\*\*\* Swamp; Swamp definite boundary . Saline coastal flat: Intertidal flat: Rock bare or awash . . . . . Submerged reef: Submerged rock . . . . . . Indefinite watercourse; Mangrove swamp . . . . 2 kilometres Scale 1:100 000 Contour interval 20 metres

#### Source E

Until West Australian Petroleum Pty Ltd (Wapet) arrived on Barrow Island to explore for oil in 1964, the island had never been permanently occupied by humans.

Its abundant wildlife, particularly marsupials, escaped the effects of introduced species.

The environment retained its natural integrity, an outcome probably unique in Australia.

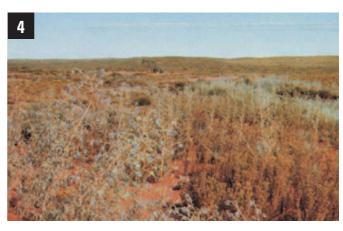
For these reasons, Barrow Island has been called a living museum and is rated one of the most important wildlife refuges in Australia.

# Source F – Images of Barrow Island 2





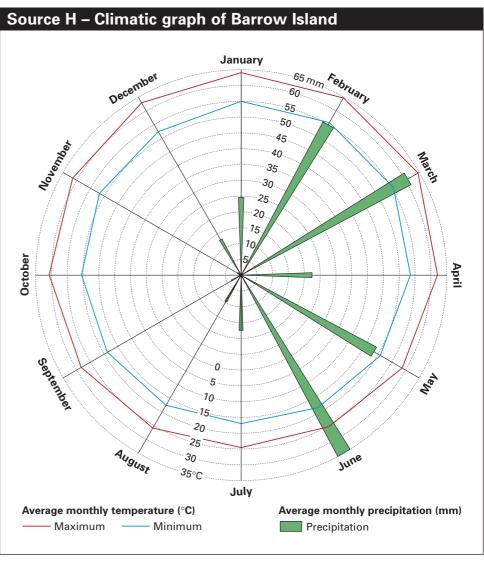




## Source G

# Management strategies used on Barrow Island:

- Quarantine to prevent introduction of exotic species
- Rehabilitation of disturbed area
- Workforce education
- Reviewing of conservation strategies
- Declaration as A-Class nature reserve



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