



GEOGRAPHY
HIGHER LEVEL AND STANDARD LEVEL
PAPER 2 – RESOURCES BOOKLET

Tuesday 16 November 2004 (morning)

INSTRUCTIONS TO CANDIDATES

- Do not open this resources booklet until instructed to do so.
- Use the resources as appropriate to the questions in paper 2.

SECTION C

C11. Topographic Mapping

The map extract and aerial photograph show the area around Tenby, a small Welsh resort town in the west of the UK. Tenby, historically, was an important commercial and fishing harbour, but today it is largely dependent on tourism.

The Pembrokeshire National Park, in which Tenby is located, is an Area of Outstanding Natural Beauty and is renowned for its coastal path which is over 200 km in length.

The contour interval is 5 metres. The scale is 1:25 000.



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KEY

ROADS AND PATHS Not necessarily rights of way

M1 or A6(M)	Motorway		Road generally more than 4m wide
A 31(T)	Trunk or Main road		Road generally less than 4m wide
B 3074	Secondary road		Other road, drive or track
A 35	Dual carriageway		

Gradient: 20%(1 in 5) and steeper
14%(1 in 7) to 20%(1 in 5)

National trail or Recreational Path

Pembrokeshire Coast Path

Named Path

Permitted Path

Permitted Bridleway

RAILWAYS

Multiple track	Standard gauge		Cutting
Single track			Embankment
	Narrow gauge Light Rapid Transit System		Tunnel
			Level crossing; station
			Siding

VEGETATION Limits of vegetation are defined by positioning of the symbols but may be delineated also by pecks or dots

Coniferous trees	Orchard	Bracken, rough grassland
Non-coniferous trees	Scrub	In some areas bracken () and rough grassland () are shown separately
Coppice	Marsh, reeds, saltings.	Heath

In some areas reeds () and saltings () are shown separately

TOURIST AND LEISURE INFORMATION

Camp site	Picnic site
Caravan site	Preserved Railway
Parking	Viewpoint
Golf course or links	Telephone, public/motoring organisation
Information Centre, all year	Information Centre, seasonal
Public Convenience (in rural areas)	Riding Establishment
National Park Centre or Local Information Point	Selected places of interest

PUBLIC RIGHTS OF WAY Public rights of way may not be evident on the ground

	Public paths	Footpath
		Bridleway
		Byway open to all traffic
		Road used as a public path

Public rights of way indicated by these symbols have been derived from Definitive Maps as amended by later enactment or instruments held by Ordnance Survey on 6th Jan 1994 and are shown subject to the limitations imposed by the scale of mapping

Later information may be obtained from the appropriate County or London Borough Council

The representation of any other road, track or path is no evidence of the existence of a right of way

HEIGHTS AND ROCK FEATURES

50	Determined by	ground survey
285		

Surface heights are to the nearest metre above mean sea level. Heights shown close to a triangulation pillar refer to the ground level height at the pillar and not necessarily at the summit.

Vertical face

Contours are at 5 metres vertical interval

Loose rock Boulders Outcrop Scree

SYMBOLS

Place of worship	with tower with spire, minaret or dome without such additions	Gravel pit
	Building; important building	Other pit or quarry
	Glasshouse; youth hostel	Sand pit
	Lighthouse; beacon	Refuse or slag heap
	Triangulation pillar	Loose rock
	Bus or coach station	Outcrop
	Sloping masonry	Cliff
	Electricity transmission line	Boulders
Well, Spring		Scree
Site of antiquity		
Site of Battle (with date)		
Mile Post, Mile Stone		
Boundary Post, Stone		

Water Mud Sand; sand & shingle

National Park or Forest Park Boundary

National Trust always open

National Trust limited access, observe local signs

Aerial photograph of Tenby

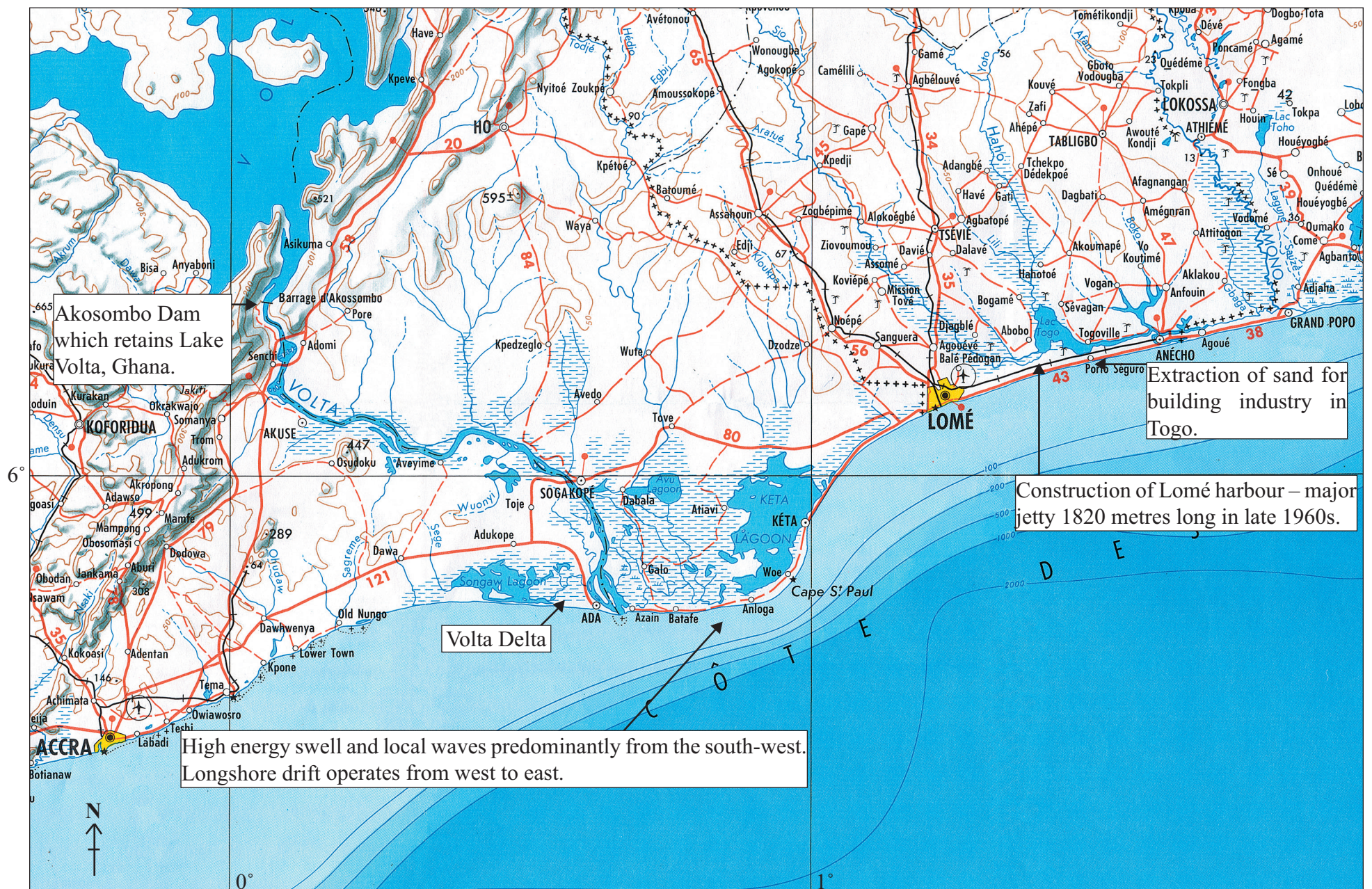


[aerofilms.com]

SECTION A

A2. Coasts and their management

The 1:1 000 000 map extract shows a section of the coastline of West Africa, between Ghana and Benin (Togo lies between these two countries). This area, in the Bight of Benin, has some of the most rapid rates of coastal erosion in the world. In recent years it has been as much as 10 metres annually. Most of this erosion occurs to the east of the Volta Delta and Lomé's harbour.



[Source: Carte International du Monde 1:1 000 000, Accra (Ghana) – Lomé (Togo), West Africa]

A4. Lithospheric processes and hazards

The photograph shows a landslide in the state of Colorado in the Rocky Mountains, USA.



[Source: Photo courtesy of Terry Taylor, Colorado State Patrol (retired)]