

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.

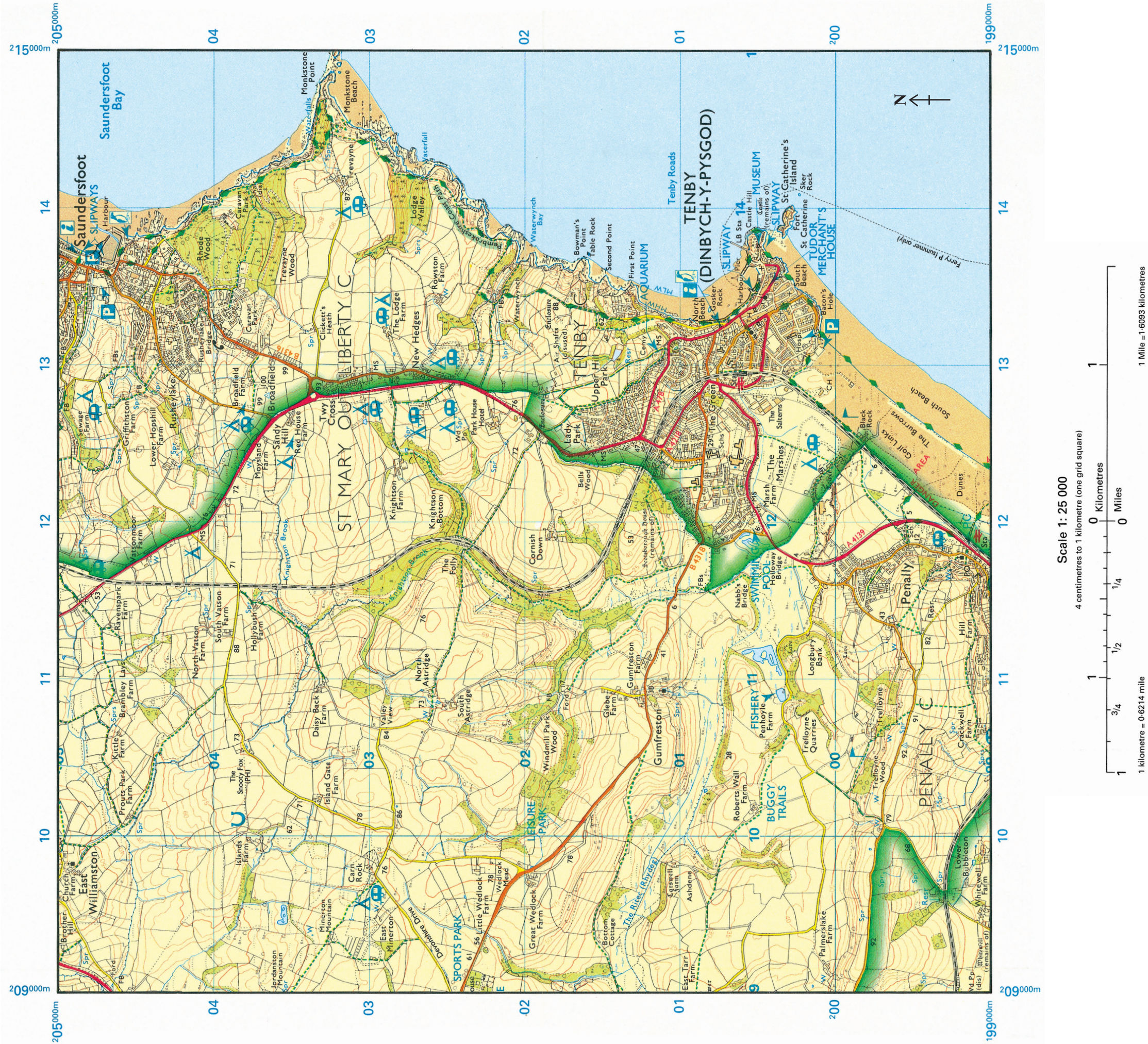
SECTION C

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)
A 31(T)
B 3074
A 35

Motorway
Trunk or Main road
Secondary road
Dual carriageway

Road generally more than 4m wide
Road generally less than 4m wide
Other road, drive or track

Unfenced roads and tracks are shown by pecked lines

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

National trail or Recreational Path

Permitted Path
Permitted Bridleway

Paths and bridleways along which
landowners have permitted public use
The agreement may be withdrawn.

Pembrokeshire Coast Path

Named Path

RAILWAYS

Multiple track
Single track

Standard gauge
Narrow gauge
(Light Rapid Transit System)

Road over; road under

Siding

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

Coniferous trees

Non-coniferous trees

Coppice

Orchard

Scrub

Marsh, reeds, sailings.

Bracken, rough grassland

In some areas bracken (n) and rough grassland (n) are shown separately on some sheets

Heath

In some areas reeds (n) and sailings (n) are shown separately

TOURIST AND LEISURE INFORMATION

Camp site

Caravan site

Parking

Golf course or links

Information Centre, all year

Public Convenience (in rural areas)

National Park Centre or Local Information Point

Picnic site

Preserved Railway

Viewpoint

Telephone, public/motoring organisation

Information Centre, seasonal

Riding Establishment

Selected places of interest

PUBLIC RIGHTS OF WAY

Public rights of way may not be evident on the ground

Public paths

Byway open to all traffic

Road used as a public path

Place of worship

Building: important building

Glasshouse; youth hostel

Lighthouse; beacon

Triangulation pillar

Bus or coach station

Sloping masonry

Electricity transmission line

Well, Spring

Site of antiquity

Site of Battle (with date)

Mile Post, Mile Stone

Boundary Post, Stone

Water

Mud

National Park or Forest Park Boundary

National Trust always open

National Trust limited access, observe local signs

HEIGHTS AND ROCK FEATURES

Determined by

ground survey

air survey

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

BOUNDARIES

County (England and Wales), Region or Islands Area (Scotland)

District

London Borough

Civil Parish (England), Community (Wales)

Constituency (County, Borough, Burgh or European Assembly)

Access Land

Access Point

Land open to the public by permission of the owners

The agreement may be withdrawn.

DANGER AREA

Firing and test ranges in the area.

Danger! Observe warning notices

SYMBOLS

with tower

Place of worship

Building: important building

Glasshouse; youth hostel

Lighthouse; beacon

Triangulation pillar

Bus or coach station

Sloping masonry

Electricity transmission line

Well, Spring

Site of antiquity

Site of Battle (with date)

Mile Post, Mile Stone

Boundary Post, Stone

Water

Mud

National Park or Forest Park Boundary

National Trust always open

National Trust limited access, observe local signs

Gravel pit

Other pit or quarry

Sand pit

Refuse or slag heap

Loose rock

Outcrop

Cliff

Boulders

Scree

Sand; sand & shingle

Aerial photograph of Tenby

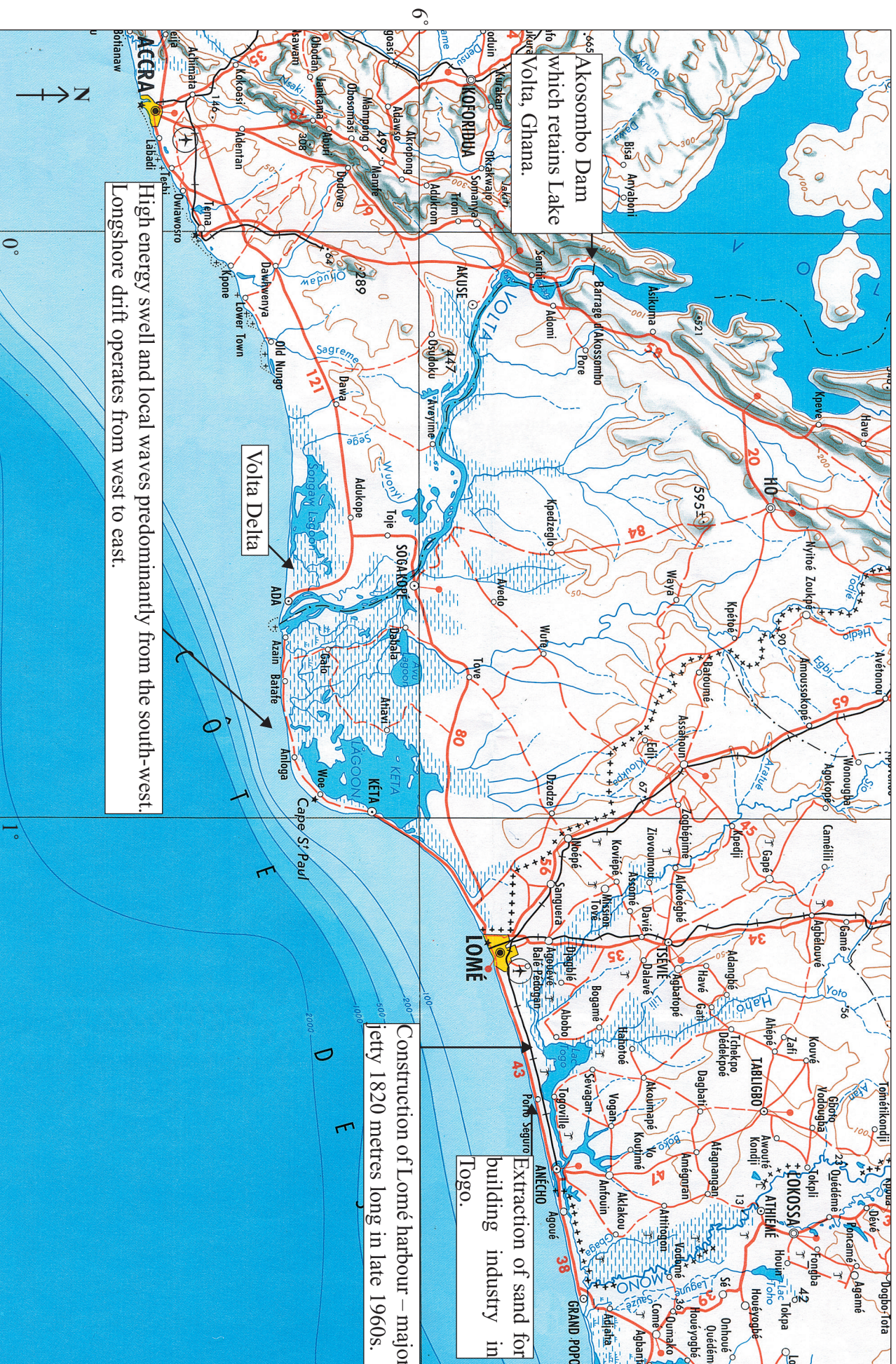


[acrofilms.com]

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)]