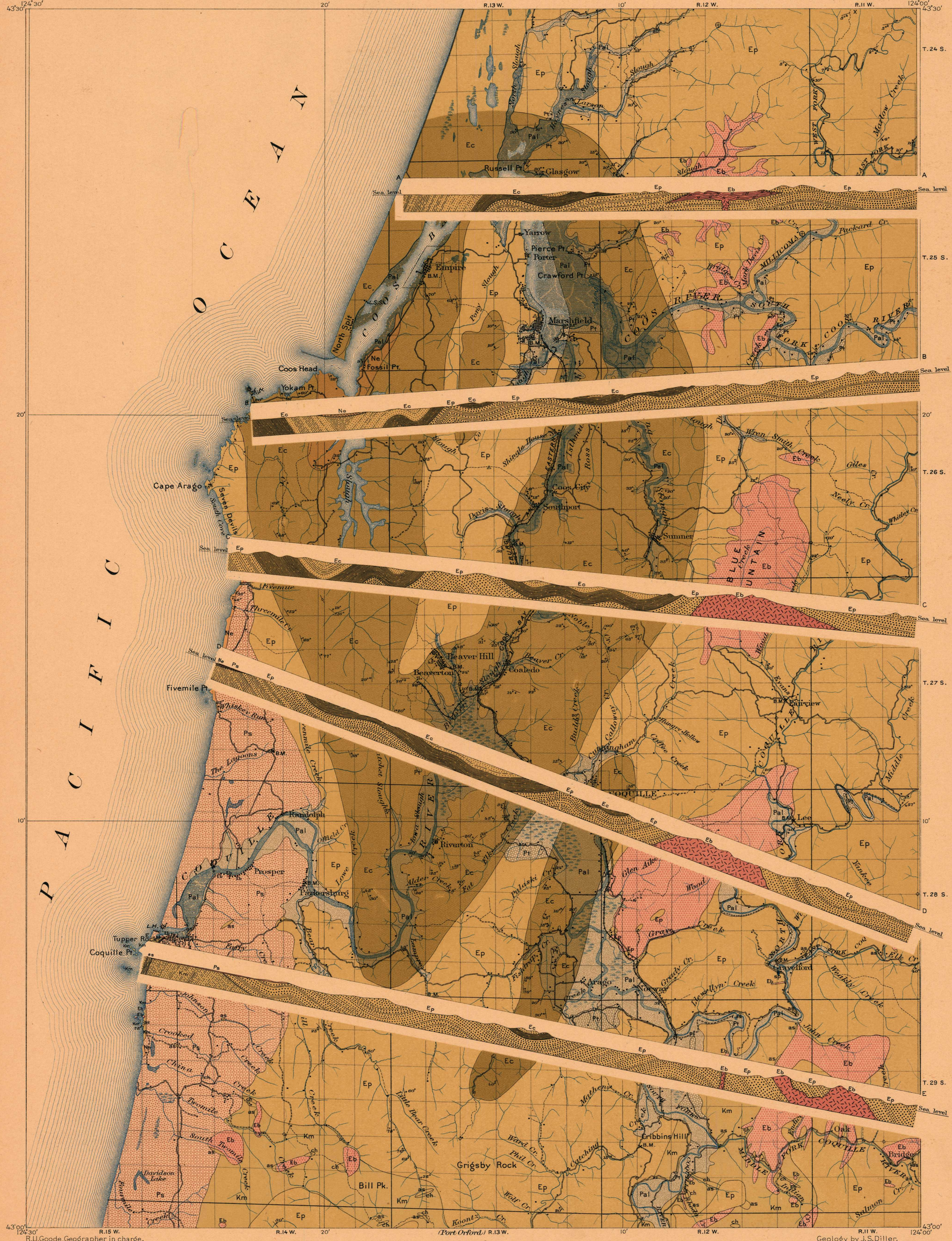
U. S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT
DIRECTOR

STRUCTURE-SECTION SHEET

OREGON
(COOS CO.)
COOS BAY QUADRANGLE



LEGEND

SURFICIAL ROCKS

SHEET SYMBOL	SECTION SYMBOL	
Pal		Alluvium
Pt		River terraces (sand, generally capped by gravel)
Ps	Ps	Marine sands (generally grey, with some gravel; along beaches sometimes black and auriferous)

PLEISTOCENE

SEDIMENTARY ROCKS

SHEET SYMBOL	SECTION SYMBOL	
Ne	Ne	Empire formation (sandstone and dark and whitish shales)

NEOCENE

Subdivisions of Arago formation

Ec	Ec	Coaledo formation (sandstone and shale, in part light colored, contains several beds of workable coal.)
Ep	Ep	Pulaski formation (sandstone and shale)

EOCENE

Km	Km	Myrtle formation (conglomerate, sandstone, and shale)

CRETACEOUS

ch		Chert (siliceous shale and gray and red jaspery rocks; "radiolarian chert")
as	as	Amphibole-schist (blue and green amphibole-schist with some mica-schist and other schists, derived probably from Cretaceous formations by contact metamorphism.)

CRETACEOUS ?

IGNEOUS ROCKS

SHEET SYMBOL	SECTION SYMBOL	
Eb	Eb	Basalt (including diabase flows and intrusives)

EOCENE

sp		Serpentine (derived probably from saxonite)

20° Dip and strike of stratified rocks
Vertical dip and strike of stratified rocks
Horizontal stratified rocks

Known productive formations

Coal (area underlain by Coaledo formation which contains extensive coal beds)

R.U. Goode, Geographer in charge.
Triangulation by W.T. Griswold.
Topography by E.C. Barnard.
Surveyed in 1895-96.

Scale 1/125000
1 ½ 0 1 2 3 4 5 Miles
1 ½ 0 1 2 3 4 5 Kilometers

Edition of May 1901.

Geology by J.S. Diller.
Assisted by Arthur J. Collier and James Storrs.
Surveyed 1897-1899.