U. S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

STRUCTURE-SECTION SHEET

OREGON
PORT ORFORD QUADRANGLE

R. 15 W. · R. 14 W. · 20′ · (Coos Bay) R. 13 W. · 10′ · R. 12 W. · R. 11 W. · 124°00′ · 43°00′

LEGEND

SURFICIAL ROCKS

SHEET SYMBOL	SECTION SYMBOL	
Pal		Alluvium
Ps	Ps	Marine sands (interstratified sands and gravels capping elevated marine terraces, locally auriferous)

PLEISTOCENE

SEDIMENTARY ROCKS

SHEET SYMBOL	SECTION SYMBOL	
Ne	Ne	Empire formation (chiefly soft yellowish sandstones with some shale, conglomerate, and tuff)

MIOCENE — NEOCENE

Ea	Ea	Arago formation (yellowish sandstones, gray shales, and conglomerate, with local coal beds; equivalent to Pulaski and Coaledo formations)

EOCENE

Kas		Amphibole-schist (blue and green amphibole-schist with some mica- and epidote-schists; derived from local alteration of Cretaceous igneous and sedimentary rocks)
Kc	Kc	Chert (siliceous shale and gray and red jaspery rocks, "radiolarian chert")
Km	Km	Myrtle formation (conglomerate, sandstone, and shale)

CRETACEOUS

cs	cs	Colebrooke schist (micaceous schists derived from sedimentary rocks)

PRE-CRETACEOUS

IGNEOUS ROCKS

SHEET SYMBOL	SECTION SYMBOL	
dp	dp	Dacite-porphyry (chiefly dikes)
bs	bs	Basalt (lava flows and volcanic necks)
gb	gb	Gabbro (deep-seated intrusive masses, apparently corresponding to surface basalts)
sp	sp	Serpentine (derived, chiefly from alteration of peridotite)

CRETACEOUS ?

Sea level

T. 30 S. · T. 31 S. · T. 32 S. · T. 33 S. · T. 34 S. · T. 35 S.

42°30′ · 40′ · 50′

Roundtop Mt. · Hare · Langlois · Denmark · Floras Lake · Floras Creek · South Fork · White Mt. · Stone Butte · Summit Mt. · Grouslous Mt. · Eightmile Prairie Mt. · Edson Butte · Madden Butte · Elephant · Sugarloaf Mt. · Eckley · Custer · Hood Mountain · Bingham Mt. · Rural · Woodby Mountain · Sand Rock Mt. · Samison Mt. · Whaobney Mt. · Etelka · Bancroft · Buzzard Butte · Bennett Butte · Crooks Lake · Blacklock Pt. · Tower Rock · Castle Rock · Gull Rock · Cape Blanco · Mount Avery · Rusty Butte · Salmon Mountain · Bray Mt. · Granite Pk. · Barklow Mt. · Mount Butler · Copper Mt. · Silver Butte · Garrison Lagoon · Port Orford · The Heads · Rocky Pt. · Redfish Rocks · Coal Pt. · Humbug · Island Rock · Sisters Rocks · Frankport · Colebrooke Butte · Cedar Point · Ophir Mt. · Brushy Mt. · Green Knob · Lake of the Woods · Sawtooth Rock Mt. · Soldier Camp Mt. · Second Prairie Mt. · Potato Illahe · Illahe · Agness · Pebble Hill · Sevenmile Peak

Coos Bay Wagon Road · Coos Co. Road · Dairy Line · Eden Ridge · Johnson Ridge · Pacific Ocean · Coast Range · Elk River · Illinois River · Rogue River

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

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R. U. Goode, Geographer in charge.
Triangulation by W. T. Griswold.
Topography by A. E. Murlin.
Surveyed in 1897-98.

Geology by J. S. Diller.
Assisted by Arthur J. Collier, Chester Washburn, and James Storrs.
Surveyed in 1898-1900.

TRUE NORTH · MAGNETIC NORTH · 19½°
APPROXIMATE MEAN DECLINATION 1900.