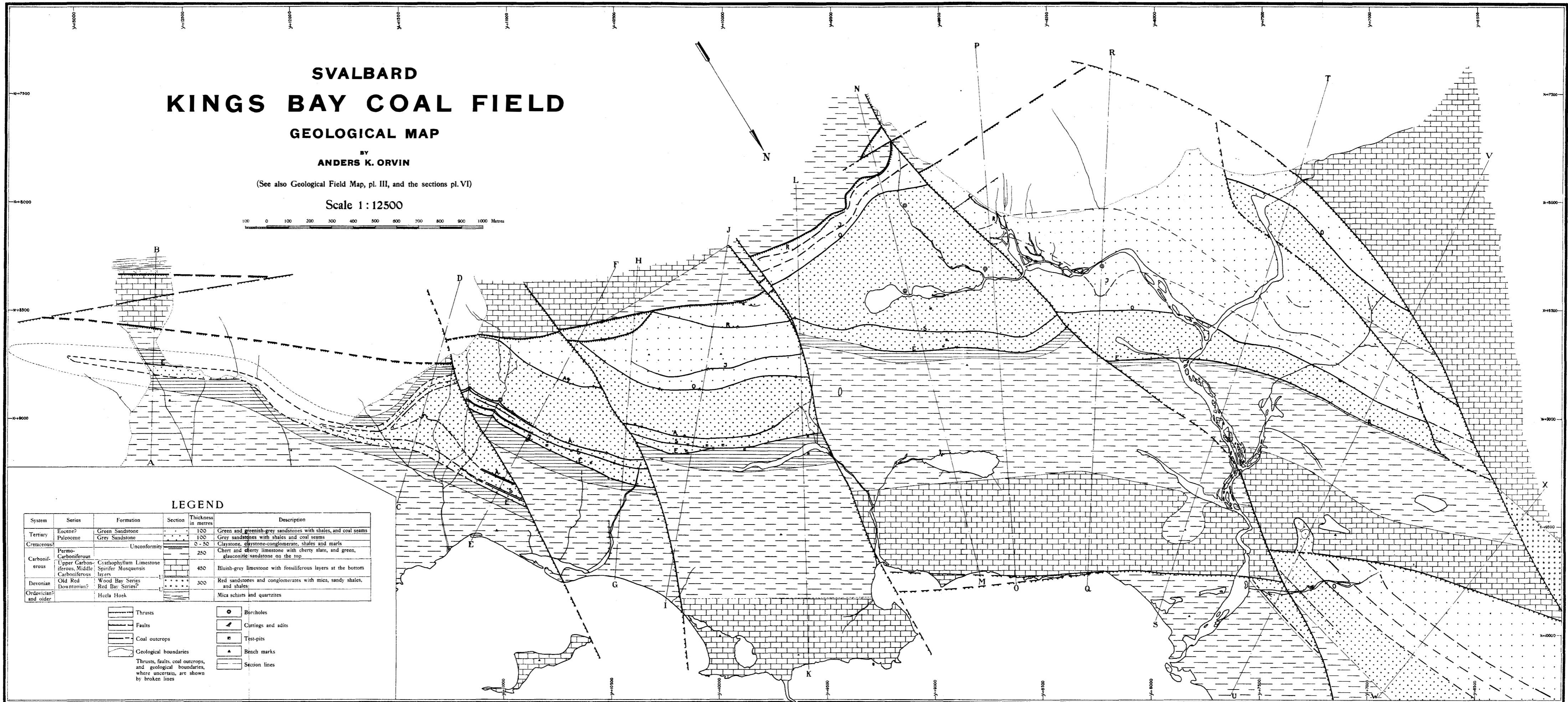
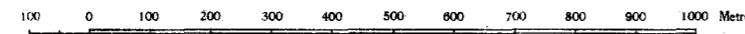


SVALBARD KINGS BAY COAL FIELD GEOLOGICAL MAP

BY
 ANDERS K. ORVIN

(See also Geological Field Map, pl. III, and the sections pl. VI)

Scale 1 : 12500



LEGEND

System	Series	Formation	Section	Thickness in metres	Description
Tertiary	Eocene?	Green Sandstone	135	135	Green and greenish-grey sandstones with shales, and coal seams
	Paleocene	Grey Sandstone	100	100	Grey sandstones with shales and coal seams
Cretaceous		Unconformity	0 - 50	0 - 50	Claystone, claystone-conglomerate, shales and marls
	Permo-Carboniferous		250	250	Chert and cherry limestone with cherry slate, and green, glauconitic sandstone on the top
Carboniferous	Upper Carboniferous, Middle Carboniferous	Cyathophyllum Limestone Spirifer Mosquensis layers	450	450	Bluish-grey limestone with fossiliferous layers at the bottom
	Devonian	Old Red Wood Bay Series Red Bay Series?	300	300	Red sandstones and conglomerates with mica, sandy shales, and shales
Ordovician and older		Hecla Hoek			Mica schists and quartzites

- Thrusts
- Faults
- Coal outcrops
- Geological boundaries
- Thrusts, faults, coal outcrops, and geological boundaries, where uncertain, are shown by broken lines
- Borchholes
- Cuttings and adits
- Test-pits
- Bench marks
- Section lines