

Table II-1-2-1 Mafic and ultramafic bodies and related sulfide ores

Petrological and tectonic setting	Ni-Cu ores	PGE ores
I. Synvolcanic (largely Archean)		
Komatiites	E. Goldfields, Australia; Zimbabwe; Abitibi, Ontario	
Tholeiites <i>Picritic</i> <i>Anorthositic</i>	Pechenga, USSR Montcalm, Ontario	
II. Rifted Plate Margins & Ocean Basins Associated with Continental Crust	Circum-Ungava Belt Thompson Ni Camp; Ungava Ni Ores	Kemi-Koiligamaa Belt Pemkat Intrusion
Ophiolites (No continental crust)		Unst Ophiolite Cliffs deposit
III. Cratonic Areas Flood Basalt-related	Siberian Traps Noril'sk-TaInakh Karoo Insizwa-Ingeii Intrusion Keweenawan Duluth Complex Crystal Lake Gabbro	←(by-product)
Large Stratiform Complexes	Sheet-like Sudbury	Sheet-like Bushveld: Merensky Reef UG- 2 Chromitite Stillwater: J-M Reef Dyke-like Great Dyke: Main sulfide zone
IV. Emplaced During Orogenesis		
Synorogenic	Appalachia Moxie & Katahdin intrusions, Maine	
Late Orogenic		Alaskan Type Tulameen Complex