GEOTECTONIC EVOLUTION OF GUAYANA SHIELD VENEZUELA

The Guayana shield is made of four geoligical provinces (Imataca,Pastora,Cuchivero-Amazonas), with similar geodynamic evolution to others shields. During Arqueozoic times (Guriense and pretransamazonic orogenies, 3.6-2.7 by) were developed greenstone belts and tonalitic domes which undergone politectonometamorphism (granulites). The microcontinents originated were thrusted and collided forming Imataca craton that has Algoma type iron formations (El Pao,Cerro Bolivar). Imatacan-Kanuku continent rifted and spreaded borning the Pastora ocean with new greenstone belts (Pastora,Botanamo) under tectonic evolved present regimen (Transamazonic 2.25 by) with komatites (Florinda,Cicapra,Yuruan formations), tholeilitic basandesites (El Callao), chalcoalkaline felsites (Yuruari) tectonometamorphosed green schists) by tonalites (Supamo Comple 2.25 -2.1 by). At the trench turbidites/volcanoclastic were deposited (Caballape, 2.06 by), closing the ocean with red beds (Los Caribes, Urico) and suturing Pastora under Imataca (Guri megafault). Metamorphosmagmatic polihydrotermalism originated post-Supamo quartz gold veins (El Callao), porphyry gold (Cristinas), "Saddle Reef" (Tomi) deposits. Postransamazonic chalcoalkaline and tholeilitic granites (Cuchivero 1.9 by and Rapakivi Parguaza 1.5 by) and alkaline complex (Churuata 1.3 by) made Cuchivero province. On Pastora/Cuchivero basement nontectonic continental sediments (Roraima 1.7-1.4 by) were deposited, intruded by diabases. During Nickerian orogeny (1.3.-1.1 by) Imataca-Pastora-Cuchivero-Roraima block collided with Garzon-Jari-Falsino block (Orinoco-**Rio Negro** Suture) forming Guri pseudotakilites and later carbonatites (Impacto) and kimberlites (Guaniamo, 0.7 by).