

Legend (to accompany 1:10,000 Cerro Moro Geological Map)

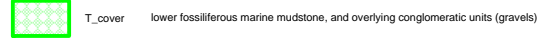
Recent Deposits



alluvium

Stratified Units

Tertiary

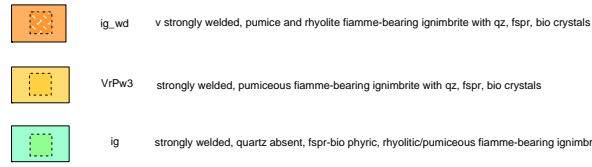


T_cover

lower fossiliferous marine mudstone, and overlying conglomeratic units (gravels)

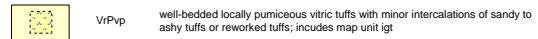
Middle - Upper Jurassic

Welded Ignimbrite Sequence



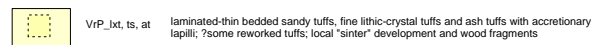
ig_wd v strongly welded, pumice and rhyolite flame-bearing ignimbrite with qz, fspr, bio crystals
 VrPw3 strongly welded, pumiceous flame-bearing ignimbrite with qz, fspr, bio crystals
 ig strongly welded, quartz absent, fspr-bio phytic, rhyolitic/pumiceous flame-bearing ignimbrite

"Transitional" Unit



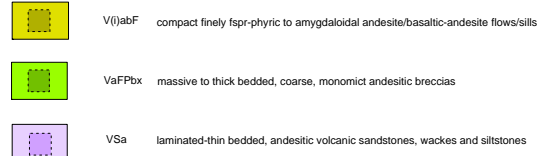
VrPvp well-bedded locally pumiceous vitric tuffs with minor intercalations of sandy to ashy tuffs or reworked tuffs; includes map unit igt

Bedded Felsic Tuffs and Epiclastic Sequence



VrP_xt, ts, at laminated-thin bedded sandy tuffs, fine lithic-crystal tuffs and ash tuffs with accretionary lapilli; ?some reworked tuffs; local "sinter" development and wood fragments

Andesitic sequence



V(i)abF compact finely fspr-phyric to amygdaloidal andesite/basaltic-andesite flows/sills
 VaFPbx massive to thick bedded, coarse, monomict andesitic breccias
 VSa laminated-thin bedded, andesitic volcanic sandstones, wackes and siltstones

P1 Group Tuff Breccias and Ignimbritic Intercalations



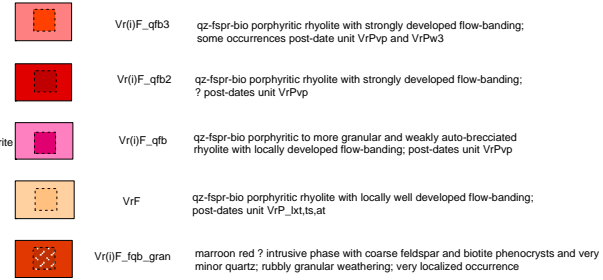
P1_dt mod-strongly welded, green flame-bearing dacitic tuff with fspr and trace qz crystals
 P1_dt.wd green strongly welded flame-bearing dacitic tuff with fspr and trace qz crystals
 P1_gl lithic clast-rich weak to mod welded ignimbritic tuff with K-fspr and trace qz crystals
 P1_wd strongly welded pumiceous flame-rich ignimbrite with K-fspr and trace qz crystals
 LP1 black-brown, compact, cherty, strongly welded ignimbritic tuff
 VrP_lbxqt coarse rhyolite clast-bearing tuff-breccia with broken crystal rich matrix

Intrusive/Sub-volcanic Units

Middle - Upper Jurassic (Chon Aike Fm.)

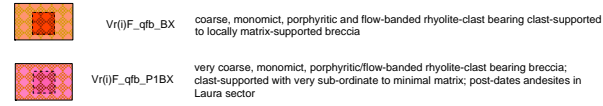
Rhyolite Flow-domes and related Dykes

Porphyritic rhyolite units



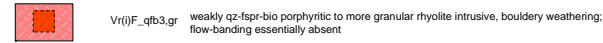
Vr(i)F_qb3 qz-fspr-bio porphyritic rhyolite with strongly developed flow-banding; some occurrences post-date unit VrPvp and VrPw3
 Vr(i)F_qb2 qz-fspr-bio porphyritic rhyolite with strongly developed flow-banding; ? post-dates unit VrPvp
 Vr(i)F_qb qz-fspr-bio porphyritic to more granular and weakly auto-brecciated rhyolite with locally developed flow-banding; post-dates unit VrPvp
 VrF qz-fspr-bio porphyritic rhyolite with locally well developed flow-banding; post-dates unit VrP_lx,ts,at
 Vr(i)F_lqb_gran maroon red ? intrusive phase with coarse feldspar and biotite phenocrysts and very minor quartz; rubbly granular weathering; very localized occurrence

Rhyolite auto-breccias



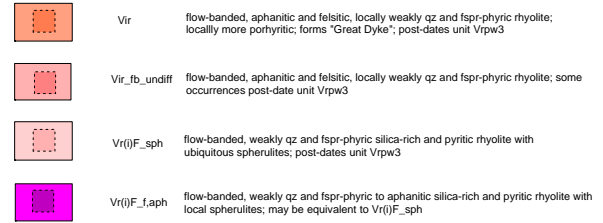
Vr(i)F_qb_BX coarse, monomict, porphyritic and flow-banded rhyolite-clast bearing clast-supported to locally matrix-supported breccia
 Vr(i)F_qb_P1BX very coarse, monomict, porphyritic/flow-banded rhyolite-clast bearing breccia; clast-supported with very sub-ordinate to minimal matrix; post-dates andesites in Laura sector

Granular rhyolite intrusives



Vr(i)F_qb3.gr weakly qz-fspr-bio porphyritic to more granular rhyolite intrusive, bouldery weathering; flow-banding essentially absent

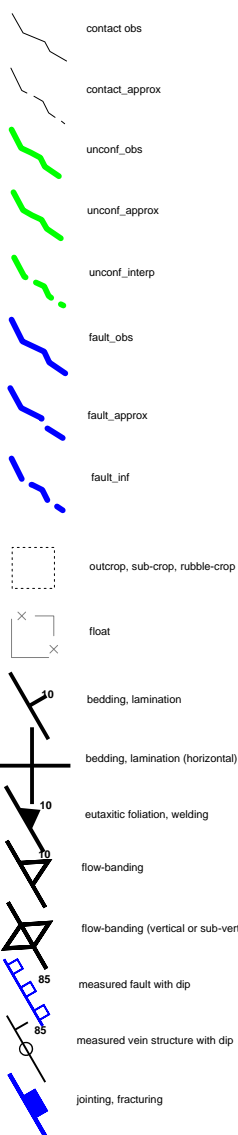
Aphanitic to weakly porphyritic rhyolite dykes



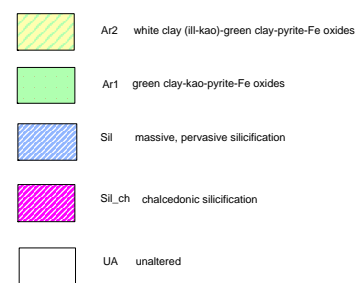
Vir flow-banded, aphanitic and felsitic, locally weakly qz and fspr-phyric rhyolite; locally more porphyritic; forms "Great Dyke"; post-dates unit VrPw3
 Vir_fb_undiff flow-banded, aphanitic and felsitic, locally weakly qz and fspr-phyric rhyolite; some occurrences post-date unit VrPw3
 Vr(i)F_sph flow-banded, weakly qz and fspr-phyric silica-rich and pyritic rhyolite with ubiquitous spherulites; post-dates unit VrPw3
 Vr(i)F_f.aph flow-banded, weakly qz and fspr-phyric to aphanitic silica-rich and pyritic rhyolite with local spherulites; may be equivalent to Vr(i)F_sph

Fm. Chon Aike
Fm. La Matilde
Fm. Bajo Pobre
??Fm. Bajo Pobre
Fm. Chon Aike

General Symbols



Hydrothermal Alteration



Mineralization

