عنوان فارسی مقاله:
زمین شناسی ذخایر معدنی مس پورفیری در دره زرشک و علي آباد، مرکز ایران

عنوان انگلیسی مقاله:
Geology of the Darreh-Zerreshk and Ali-Abad Porphyry Copper Deposits, Central Iran

توجه!
این فایل تنها قسمتی از ترجمه میباشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک کنید.
Conclusions

The geological evolution of the Darreh-Zerreshk and Ali-Abad areas can be summarized as follows, illustrated schematically in Figure 15: (1) eruption of pre-mineralization Eocene dacites and andesites in a compressional tectonic regime; (2) accumulation of clastic and epiclastic sediments in basins and subsequent folding; (3) intrusion of I-type, equigranular granites, followed by exhumation and shallow intrusion of mineralizing Oligo-Miocene porphyry granitoids and development of extensional faults within the Dehshir-Baft strike-slip shear system, immediately followed by porphyry-type alteration and mineralization in granitoid rocks; (4) erosion and exhumation of the porphyry systems; (5) eruption of mafic and felsic volcanics rocks onto the resulting unconformity; (6) a supergene enrichment zone was formed in both deposits, but was possibly removed by erosion in the Darreh-Zerreshk deposit, where a second blanket is presently forming near the water table at ~30 m depth.