

APPENDIX

Rocks samples of the Perga ore field within Sushchano-Perga tectonic-metasomatic zones of Ukrainian shield activation



Cassiterite in albite-k-feldspar metasomatite.
Perga deposit



Perga granite (apogranite) with veins of
aluminofluoride.
Sushchano-Perga zone



Quartz-genthelvite vein in quartz-feldspar
metasomatite.
Perga deposit



Feldspar metasomatite with genthelvite



Genthelvite in feldspar metasomatite



Pink genthelvite in mica-quartz-feldspar
metasomatite



Mica-feldspar metasomatite with genthelvite,
amazonite, molybdenite



Amazonite in apogranite. Perga deposit



Amazonite. Perga deposit



Amazonite. Perga deposit



Perga granite in Khochinsky granite



Galena in genthelvite ore



Агрегат алюмофторидів (веберит, кріоліт, прозопіт) в Пержанському граніті



Weberit. Perga deposit



Genthelvite in association with feldspar



Albite vein in mica-feldspar metasomatite



Quartz metasomatite with cassiterite



Cassiterite with microinclusions of tantalite and tapiolite in feldspar metasomatite



Albite-microcline metasomatite with opal-like quartz containing hematite-Ta-Nb mineralization



Albite-microcline metasomatite with opal-like quartz containing hematite-Ta-Nb mineralization



Green aegirine with fluorite in the syenite vein.
Yastrubetsky massif



Green aegirine with fluorite in the syenite vein.
Yastrubetsky massif



Hornblende syenite.
Yastrubetsky massif



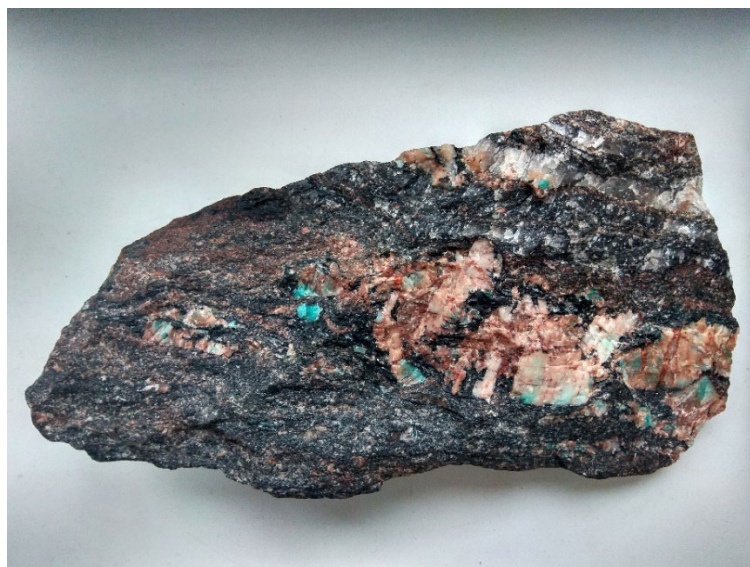
Aegirine Sienite silicified with Zircon.
Yastrebetzky array



Ilmenite with sulfides in gabbro-labradorite.
Yurivske deposit



Genthelvite in association with feldspar.
Perga deposit



Siderophyllite greisen with amazonite. Perga deposit



Siderophyllite greisen with amazonite. Perga deposit