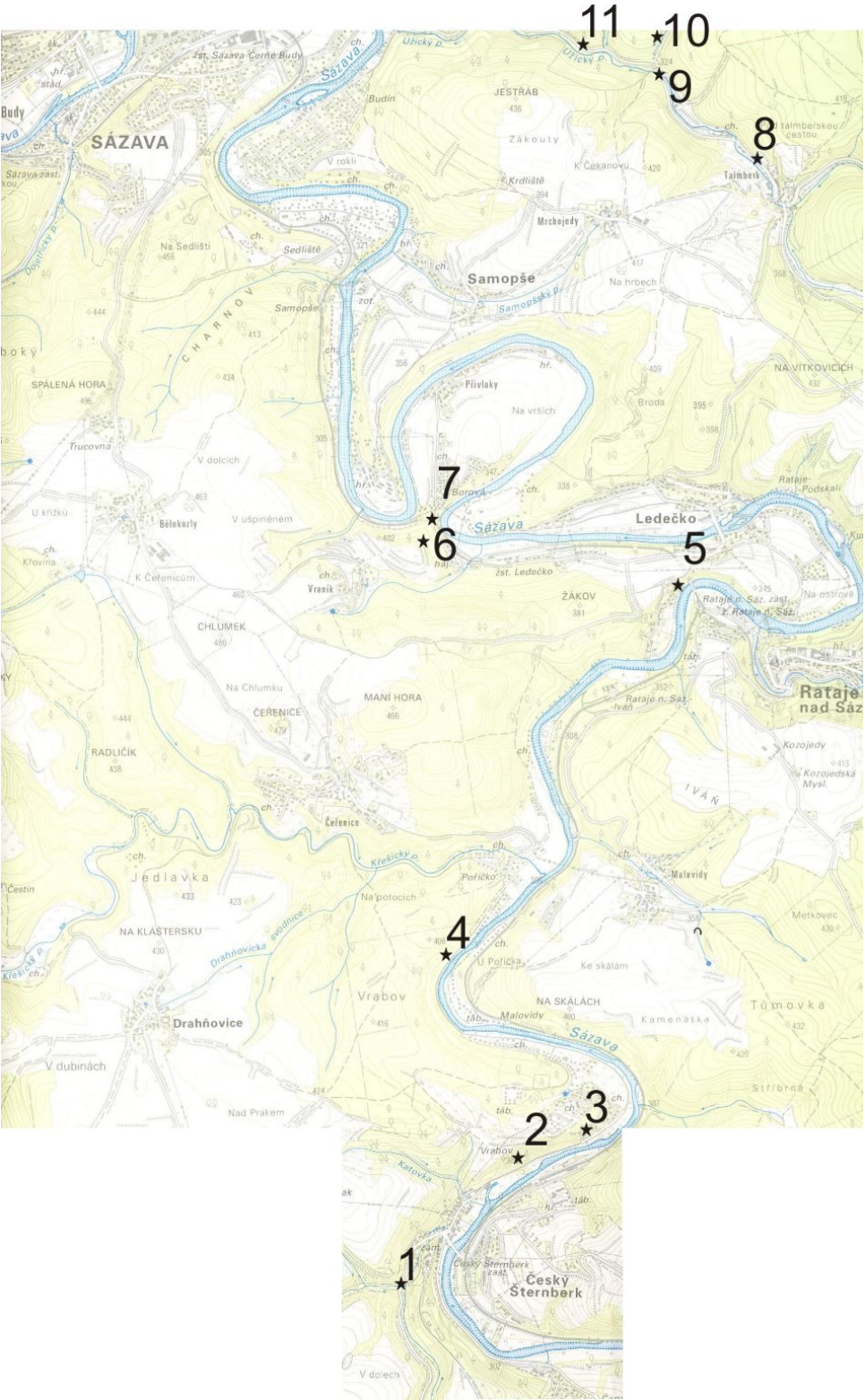


Fiedl trip: Tectonic contact of Moldanubicum, Kutná hora Crystalline Unit and Teplá-Barrandian Unit in the area of Sázava River valley between Český Šternberk and Stříbrná Skalice



Numbered stops at important geological localities, that will be part of the report (1st day – localities 1 to 7.

1. Locality Český Šternberk – Moldanubicum, paragneisse with intercalations of limestone, amphibolites (Varied Group of Modanubicum



Isoclinal fold in paragneisses, composit foliation, parking place near the castle Český Šternberk

Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)
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Loc No 2: Grt-btt paragneiss with amphibolite intercalations, transition to migmatized paragneisses, to stromamitic migmatites i

Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)

Loc. No. 3: Small leucocratic granitoids intruding paragneisses and amphibolites of the Gföhl Unit, Moldanubicum

Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)



Loc No 4: Grt bearing btt migmatites of the Gföhl Units

Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)



Loc No. 5: Grt-kyanite bearing paragneisses of the Rataje Zone., Rataje, railway tunnel

Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)

Loc No. 6. Pearl gneisses (migmatites) of the Gföhl Unit, Moldanubicum

Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)

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Loc No. 7: Boudinages layer of marbles in paragneisse, Rataje Zone, Leděčko railway station.

Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)

2. Day: Locality No. 8- 16

Lok. No. 8: Talmberk – quarry, leucocratic ms-btt gneisse at the contact of Kutná Hora Crystalline Unit with the Rataje Zone.



Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)

Loc. No. 9: Retrogressed paragneisses to mica schists of the Rataje Zone (Mica Schist Zone), W of Talmberk,

Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)

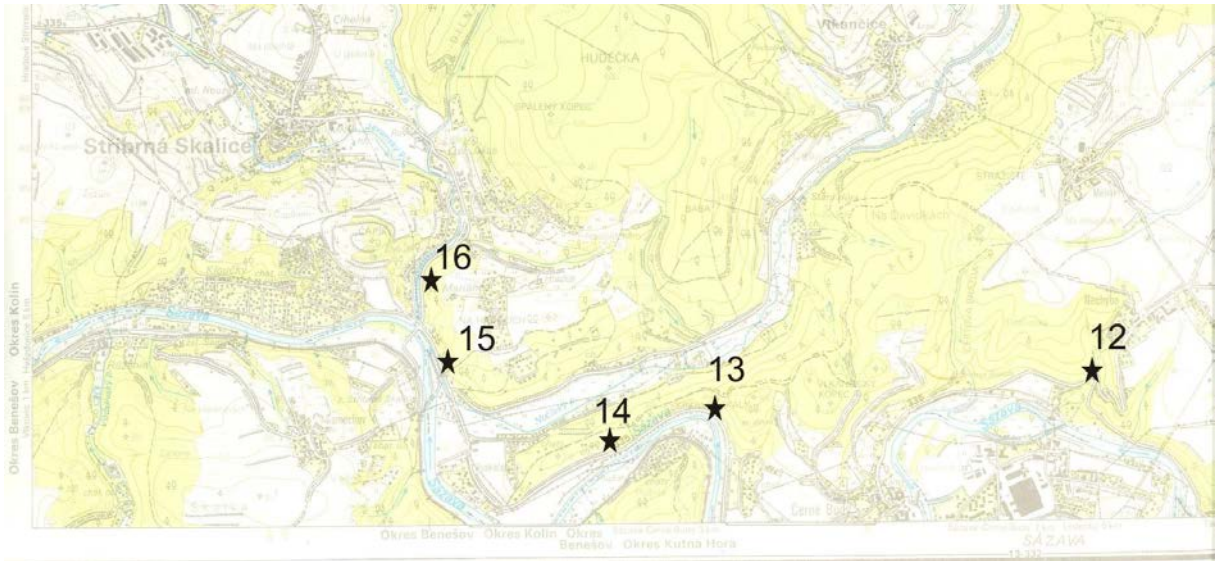
Loc No 10: Tectonic contact of the Rataje zone with flat lying base of the Kutná Hora Crystalline Unit.

Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)

Loc No. 11. Titanite and epidote bearing amphibolites of the Rataje Zone, Talberk brook valley,

Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)

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Loc. No. 12: Cataclastically fractured and mylonitized rocks of the Rataje Zone along the fault bounding the Blanice Furrow in the east. To the west of the fault, cataclastically deformed migmatites of the Moldanubian Gföhl unit. V. from Sázava n. Sázavou

Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)

LOc. No. 13: Migmatites and pearl gneisses of the Gföhl Unit of Moldanubicum, Pyskočely meander, felsic melts penetrating migmatites, sz. from Sázava n. Sázavou

Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)



Loc. No. 14: Folds in the migmatites of the GföhlUnit (western part of the Pyskočelsky meander transition from flat to steep foliations near the tectonic contact with the Bohemian (Central Bohemian pluton). N. from Sázava n. Sázavou



Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)

Loc No. 15: Benešov type bt-amf diorite to tonalite, j. od Stříbrné Skalice, osady Marjánka

Loc. Number,	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds,

name			lineation)

Loc No. 16: Strongly ductilely deformed epidotic amphibolites (probably mylonites of basic intrusives (gabbroid rocks) intensively transformed at the contact with Kutná Hora/Moldanubian unit with Teplá-Barrandian Unit- Stříbrná Skalice - Marjánka village,

Loc. Number, name	Tectostratigraphic Unit,	Rock description, structures and textures description	Structural measurements, (foliation, folds, lineation)

