



PLATE 309: Core #3 (slab) bottom 14,252-53', center 14,255-56', top 14,258-59'.



PLATE 310: Core #3 (slab) bottom 14,253-55', center 14,256-57', top 14,259-60'.



PLATE 311: Core #3 "54" equals 14,254'. Note thin quartz filled microfractures in fragment below "54". Compare this with PLATE 312 and one can observe an apparent series of compressive micro-thrust in meta-dolomite.

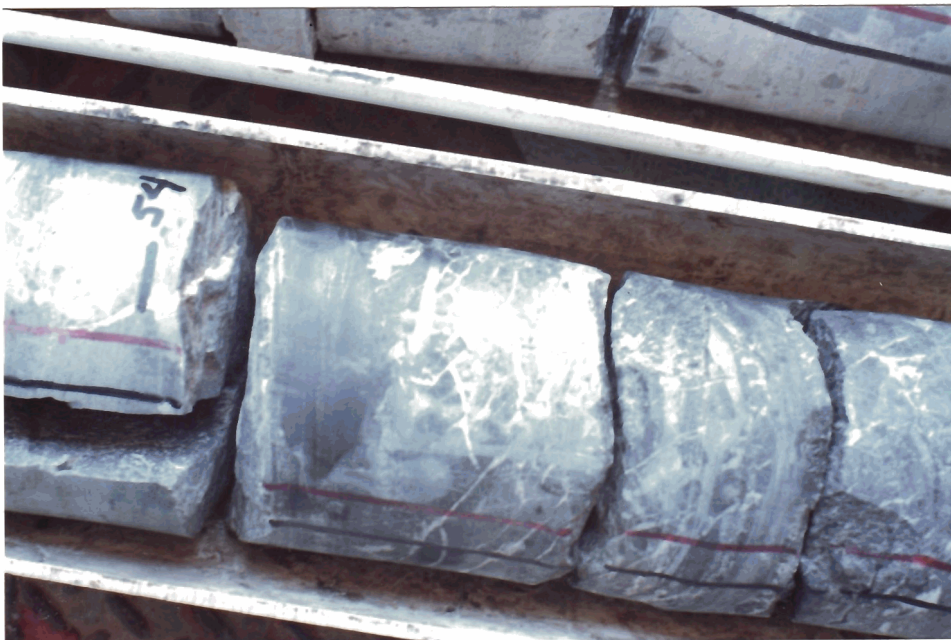


PLATE 312: Core #3 "54" equals 14,254'. Note micro-thrusting at approximately 14,254.2'.

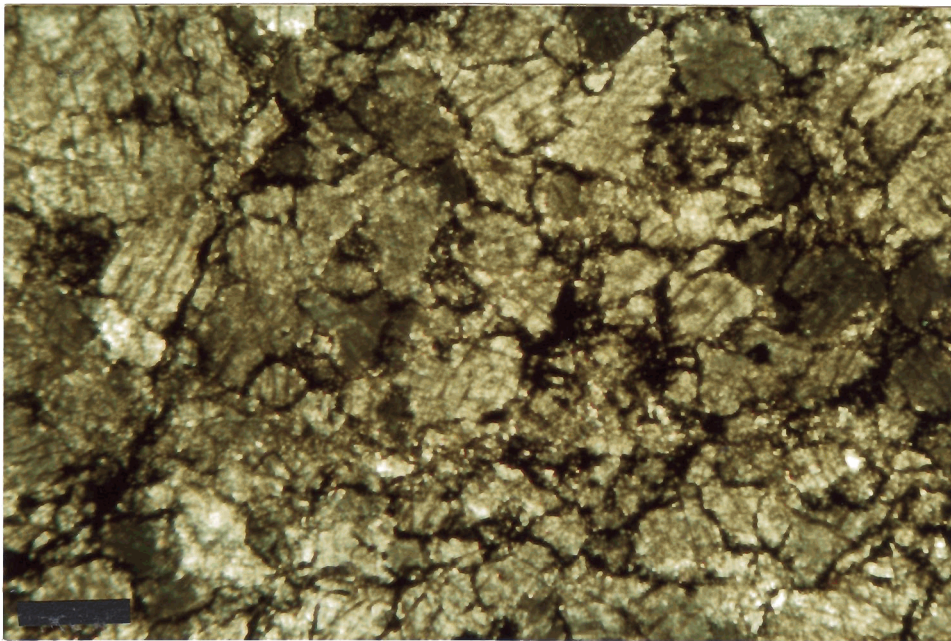


PLATE 313: Crystalline meta-dolomite with considerable intercrystalline clay (graphite) filling. 14,255'.

XN

Z-16

Bar represents 1/4 mm

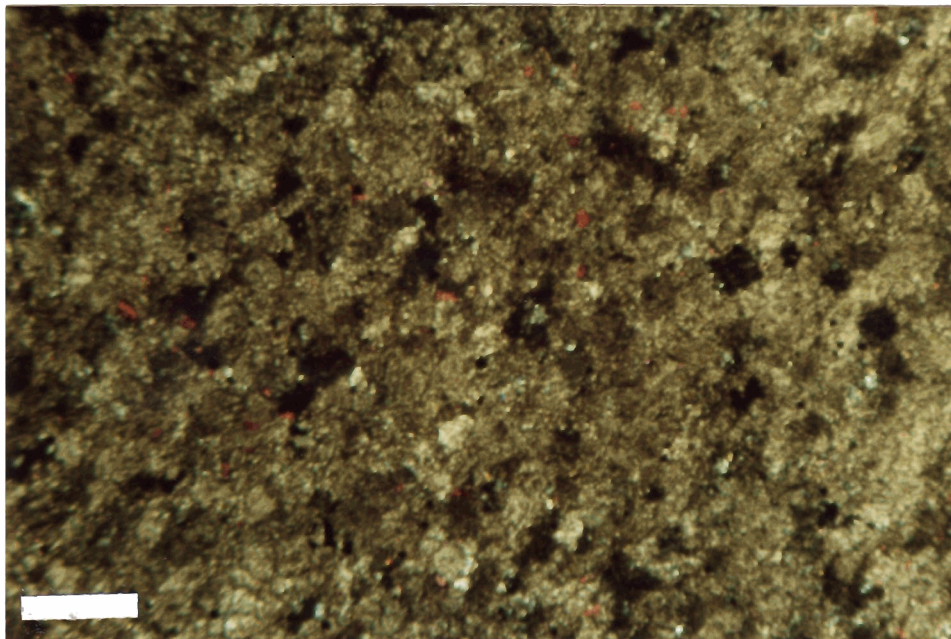


PLATE 314: Fine crystalline sandy and slightly calcareous meta-dolomite. 14,259.5'.

XN

Z-17

Bar represents 1/4 mm



PLATE 315: Core #3 (slab) bottom 14,261-62', center 14,264-65', top 14,267-68'. Note large vertical open fracture with partial quartz and calcite filling at 14,264-65'.



PLATE 316: Core #3 (slab) bottom 14,262-63', center 14,265-66', top 14,268-69'. Note fracturing and extensive stylolite development in meta-dolomite.



PLATE 317: Core #3 "65" equals 14,265'. Note large vuggy porosity in fracture which also shows large quartz and calcite crystals growing in fracture.

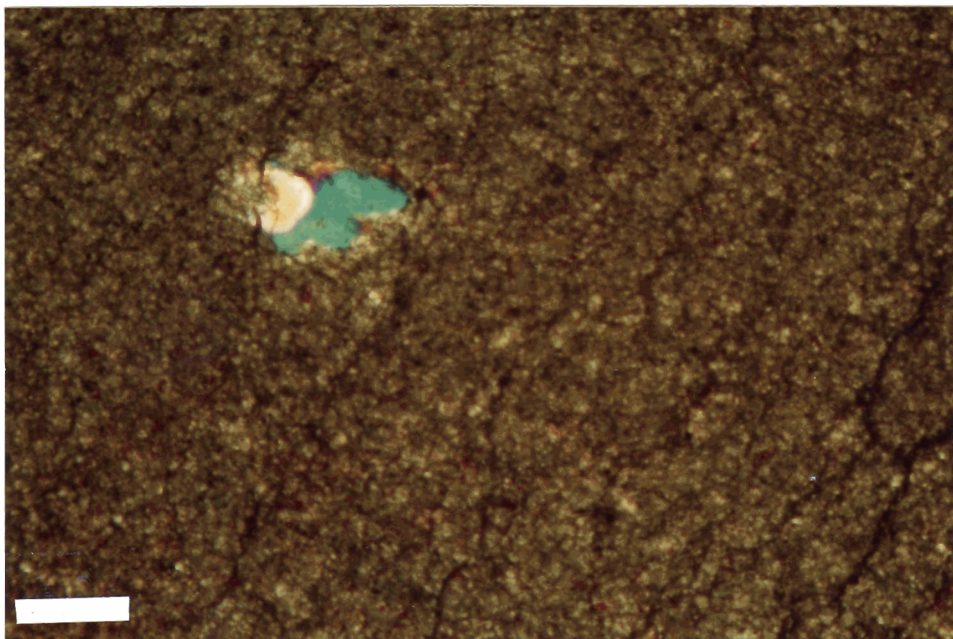


PLATE 318: Quartz grain in slightly argillaceous very fine crystalline meta-dolomite. 14,263'.

XN

Z-18

Bar represents 1/4 mm

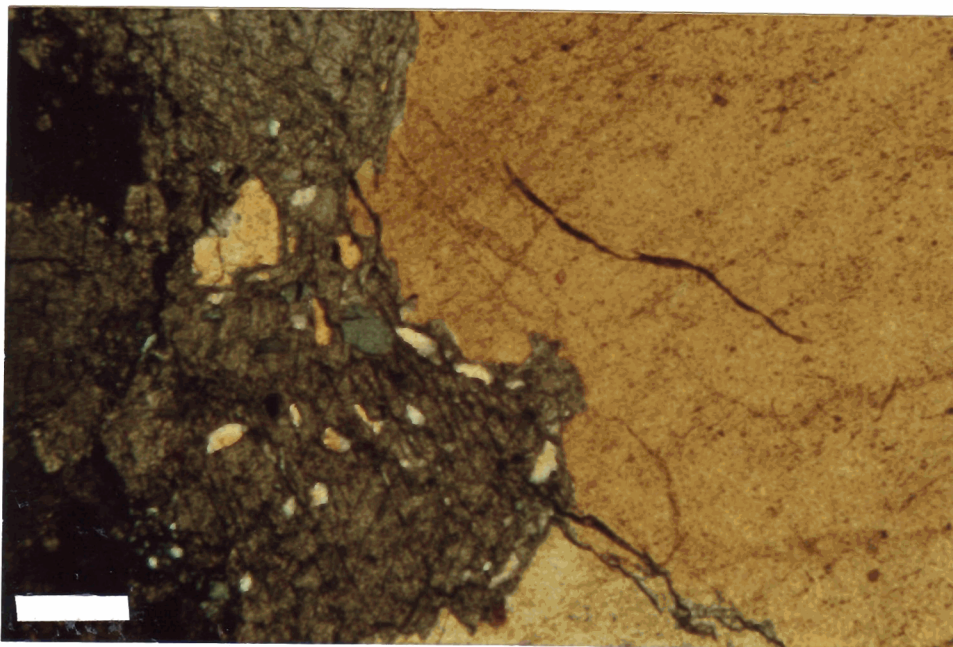


PLATE 319: Large quartz crystal in vein located in a sandy coarse crystalline meta-dolomite. 14,265'.

XN

Z-19

Bar represents 1/4 mm



PLATE 320: Core #3 (slab) Note that at 14,264' is found numerous large open fractures with partial quartz and calcite filling while at 14,261' and 67' only minor fracturing is observed. The samples at 14,264' are coarse to medium crystalline meta-dolomite while at the other depth the samples are very fine crystalline meta-dolomite.

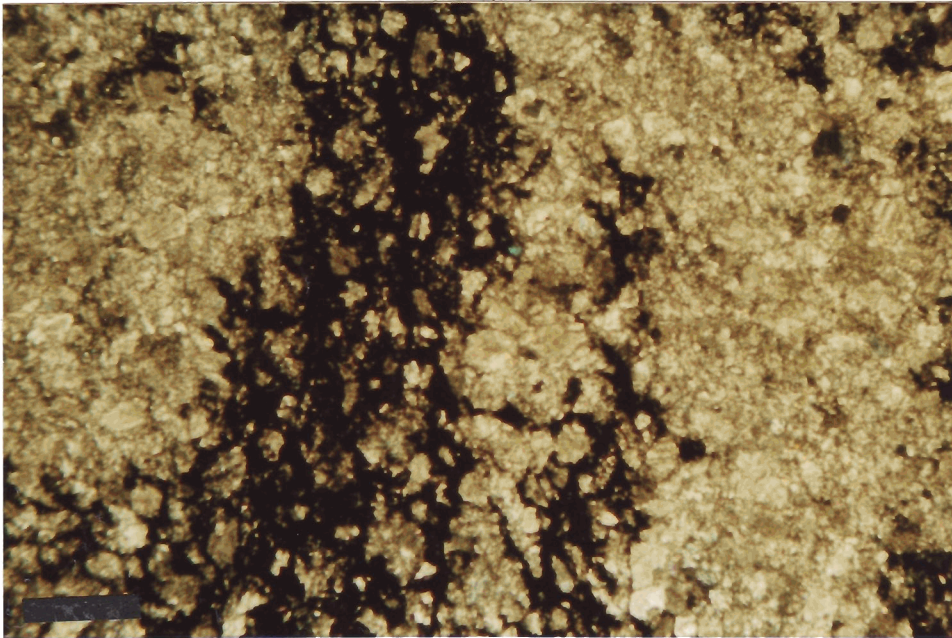


PLATE 321: Graphite filled stylolite zone in very fine crystalline meta-dolomite. 14,266'

XN

Z-20

Bar represents 1/4 mm



PLATE 322: Siliceous meta-dolomite containing mica partings. Pyrite fragment in center. 14,266'.

XN

Z-21

Bar represents 1/4 mm



PLATE 323: Core #3 (slab) bottom 14,269-70', center 14,272-73', top 14,275-76'. Note stylolite above 14,270 and at 14,270.5 and dense meta-dolomite below 14,273'.



PLATE 324: Core #3 (slab) bottom 14,270-71', center 14,273-74', top 14,276-77'.

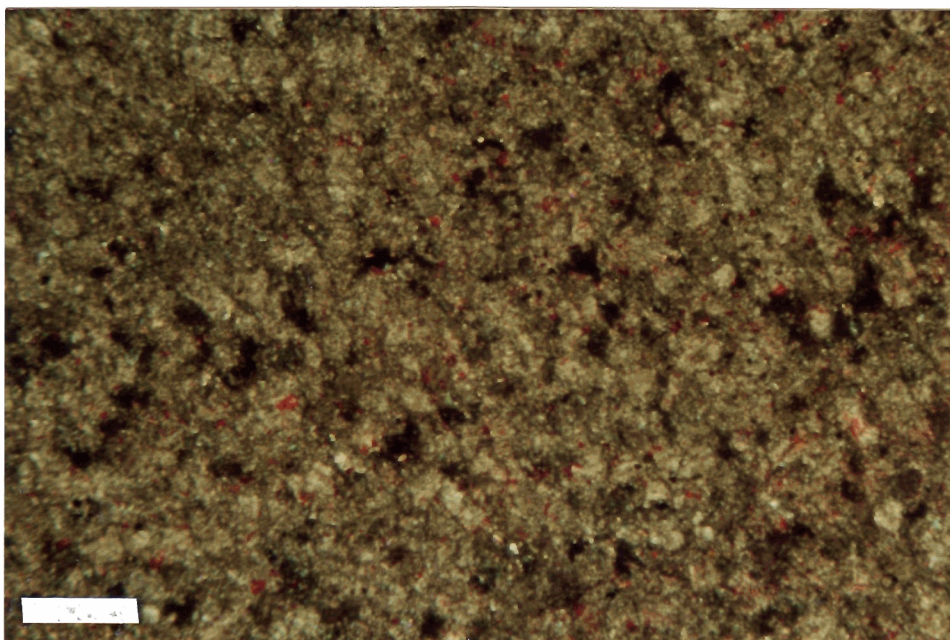


PLATE 325: Very fine crystalline slightly calcareous meta-dolomite.
14,270.8'.

XN

Z-22

Bar represents 1/4 mm

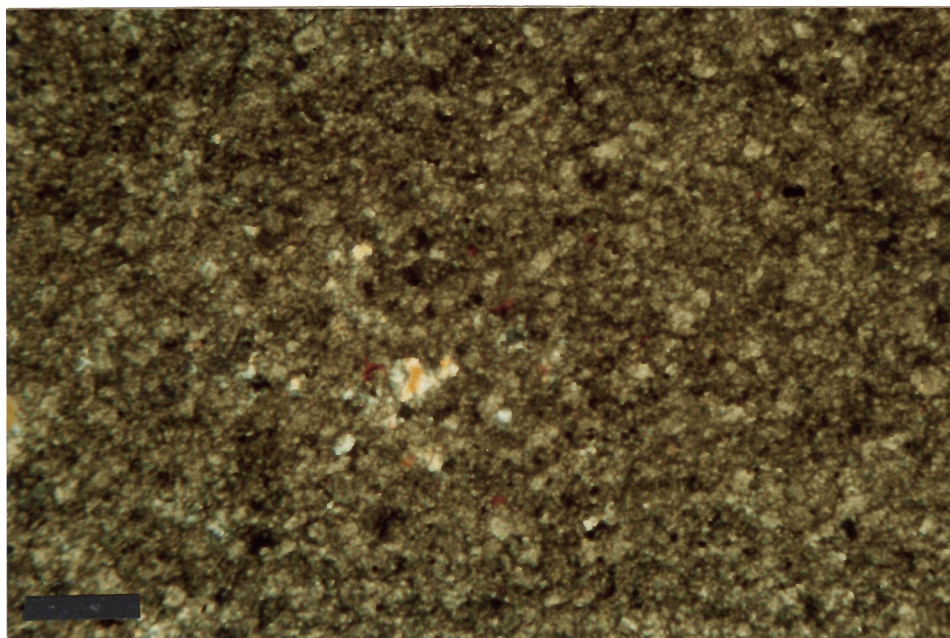


PLATE 326: Slightly sandy calcareous meta-dolomite. 14,274'.

XN

Z-23

Bar represents 1/4 mm

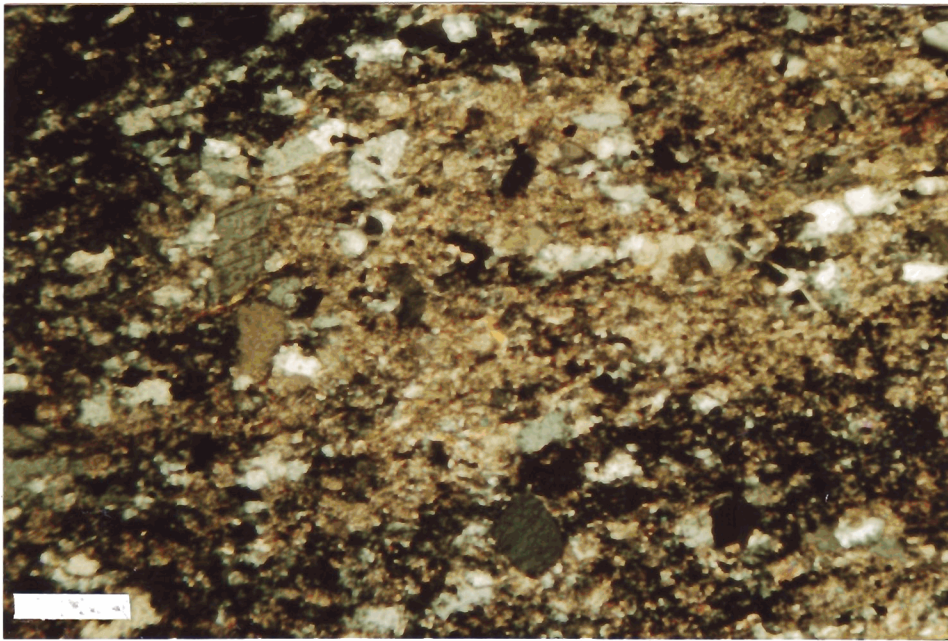


PLATE 327: Sandy graphitic schistose meta-dolomite. 14,276'
XN Z-24 Bar represents 1/4 mm

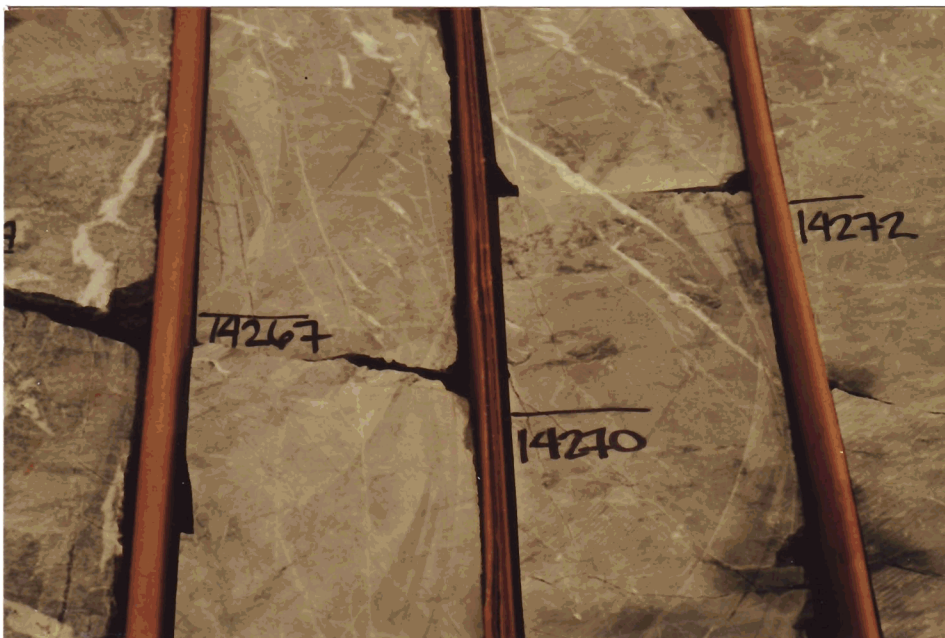


PLATE 328: Core #3 (slab) 14,267, 70 and 72'. Note numerous thin open fractures as well as some thin calcite and quartz filled fractures.



PLATE 329: Core #3 (slab) bottom 14,277-78', center 14,280-81', top 14,283-85'. Note large stylolite at 14,278 and extensive fracturing at 14,280'.



PLATE 330: Core #3 (slab) bottom 14,279-80', center 14,281-82', top 14,285'. Note extensive fracturing at 14,278-80' and 14,282'.



PLATE 331: Core #3 uncut core from 14,280-81'. Note large open porosity in quartz and calcite filled fracture zone.

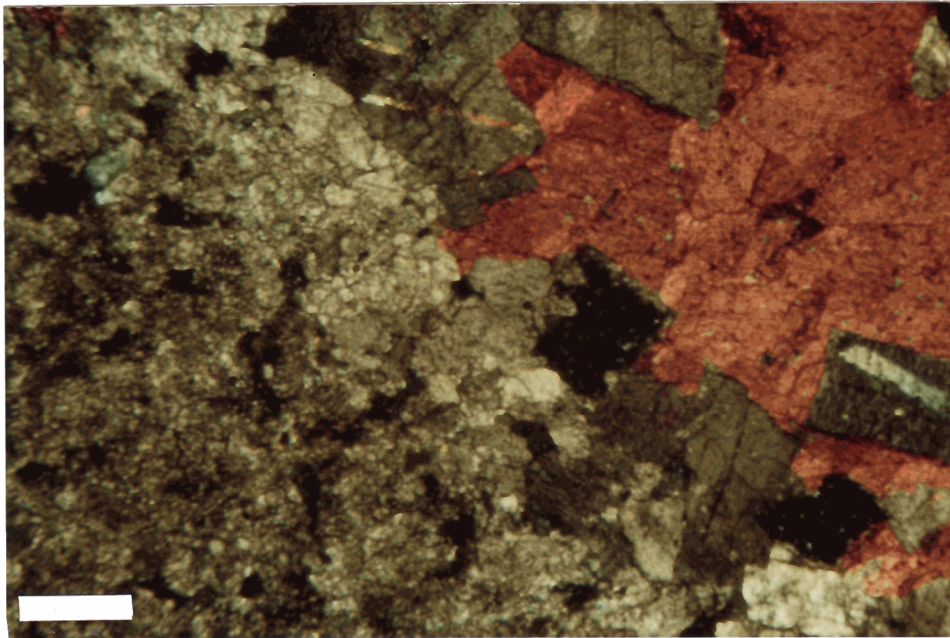


PLATE 332: Fine to coarse crystalline meta-dolomite with calcite replacement in the coarse crystalline meta-dolomite. 14,280'.
XN Z-25 Bar represents 1/4 mm

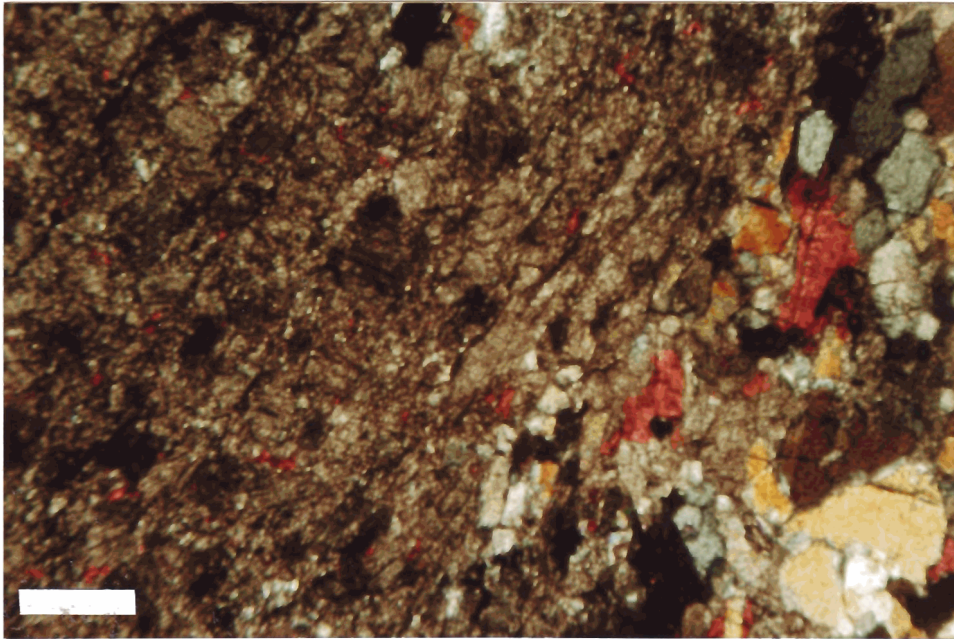


PLATE 333: Fine crystalline pellital(?) sandy meta-dolomite. Slight calcite replacement. 14,282.5'.

XN

Z-26

Bar represents 1/4 mm

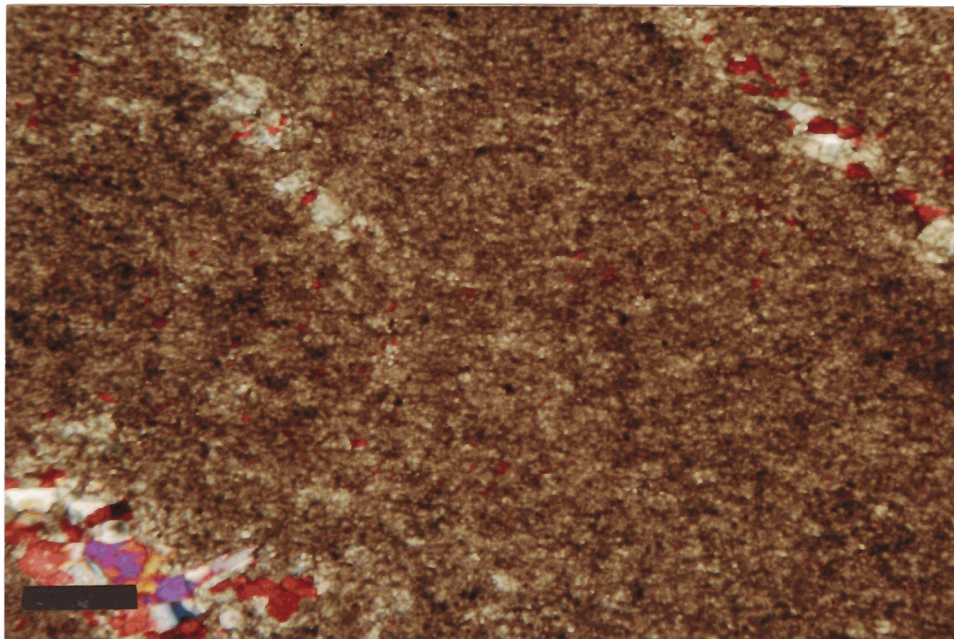


PLATE 334: Very fine to aphanitic slightly calcareous meta-dolomite with small quartz and calcite lenses. 14,284'.

XN

AA-1

Bar represents 1/4 mm

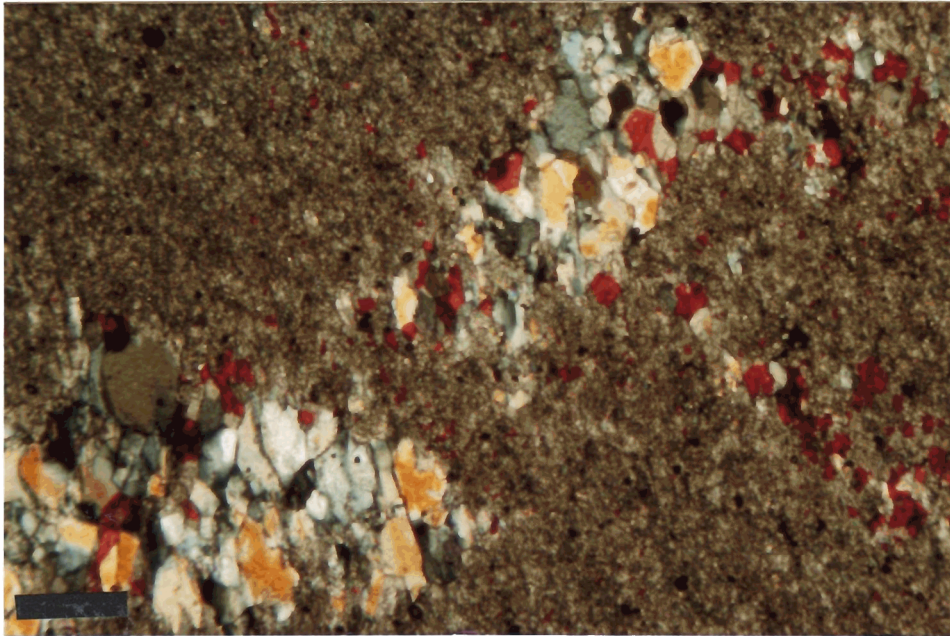


PLATE 335: Very fine quartzite lenses in aphanitic meta-dolomite. Note calcite replacement. 14,285'.

XN

AA-2

Bar represents 1/4 mm



PLATE 336: Core #3 (slab) 14,278-79' and 14,281'. Note the contrast in depositional environment between 14,278 and 14,281'. At 14,278' the core appears to be bioturbated, soft sediment deformed and extensive stylolite development, while at 14,281' the core appears to be horizontally deposited dense dolomite with only thin stylolites.



PLATE 337: Core #3 (slab) bottom 14,286-87', center 14,289-90', top 14,291-92'. Note large diagonal stylolite at 14,286.6'.



PLATE 338: Core #3 (slab) bottom 14,287-89', center 14,290-91', top 14,292-93'. Note diagonal stylolite below 14,293'.



PLATE 339: Core #3 uncut core from 14,286-87'. Note large diagonal stylolite above 14,287.'



PLATE 340: Quartzite parting in aphanitic meta-dolomite. Partial calcite replacement of quartz. 14,289'.

XN

AA-3

Bar represents 1/4 mm

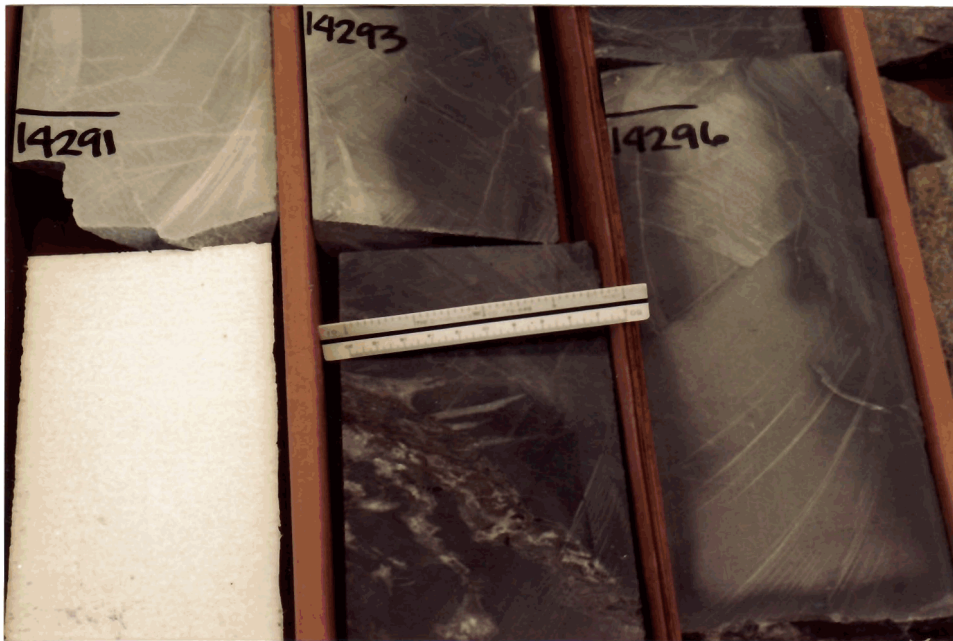


PLATE 341: Core #3 (slab) 14,293'. Diagonal mica, quartz and dolomite filled porous stylolite in meta-dolomite.



PLATE 342: Core #3 uncut core at 14,294-95'. Note near vertical fracture/stylolite system.



PLATE 343: Core #3 (slab) bottom 14,294-95', center 14,297-98', top 14,300-01'. Note near vertical fracture between 14,294-95' and horizontal stylolite at 14,297.5'.



PLATE 344: Core #3 (slab) bottom 14,295-96', center 14,298-99', top 14,301'.

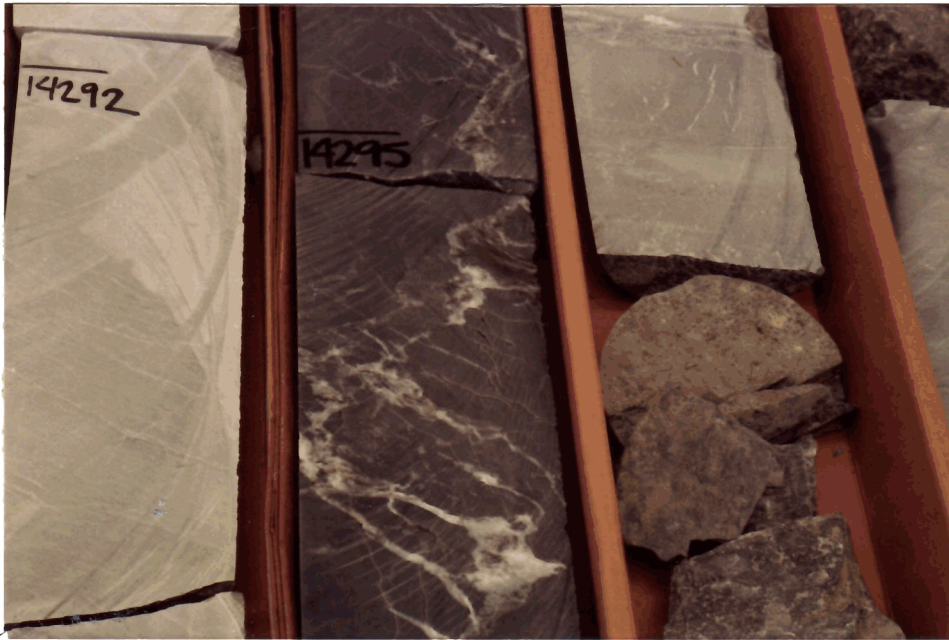


PLATE 345: Core #3 (slab) 14,295'. Very confused fracture stylolite system. Note presence of open porosity.



PLATE 346: Core #3 uncut core at 14,296'. Diagonal stylolite in combination with fine fracture system.

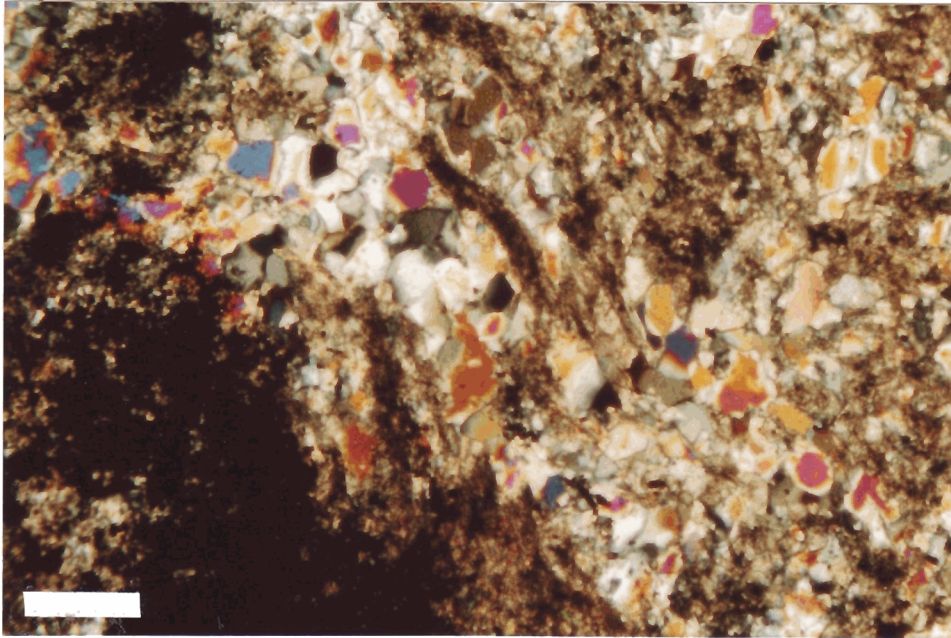


PLATE 347: Graphitic micaceous dolomitic quartz grain stylocumulate.
14,296'.

XN

AA-4

Bar represents 1/4 mm

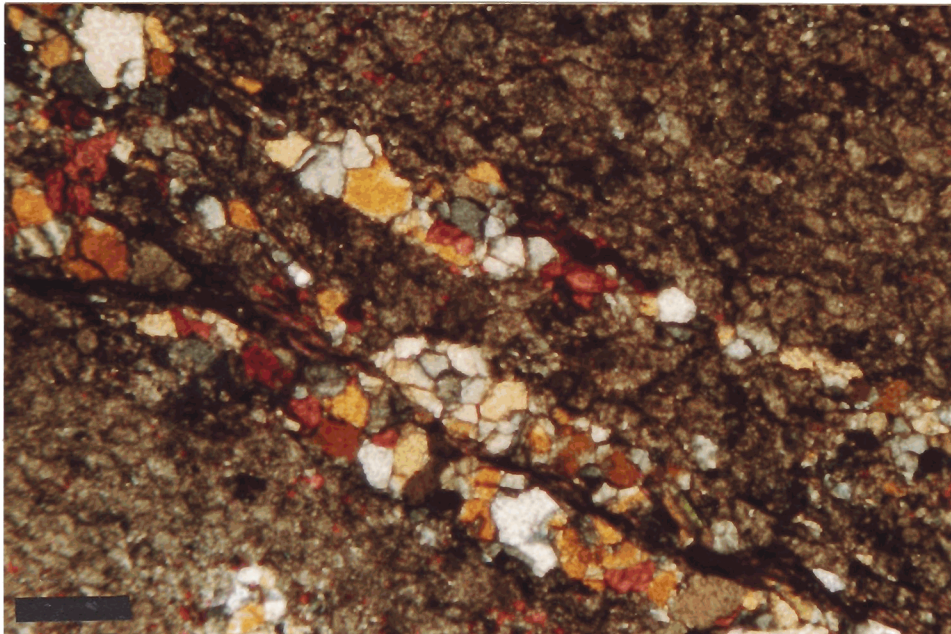


PLATE 348: Quartz grain and mica filled stylolite in very fine
crystalline meta-dolomite. 14,298'.

XN

AA-5

Bar represents 1/4 mm

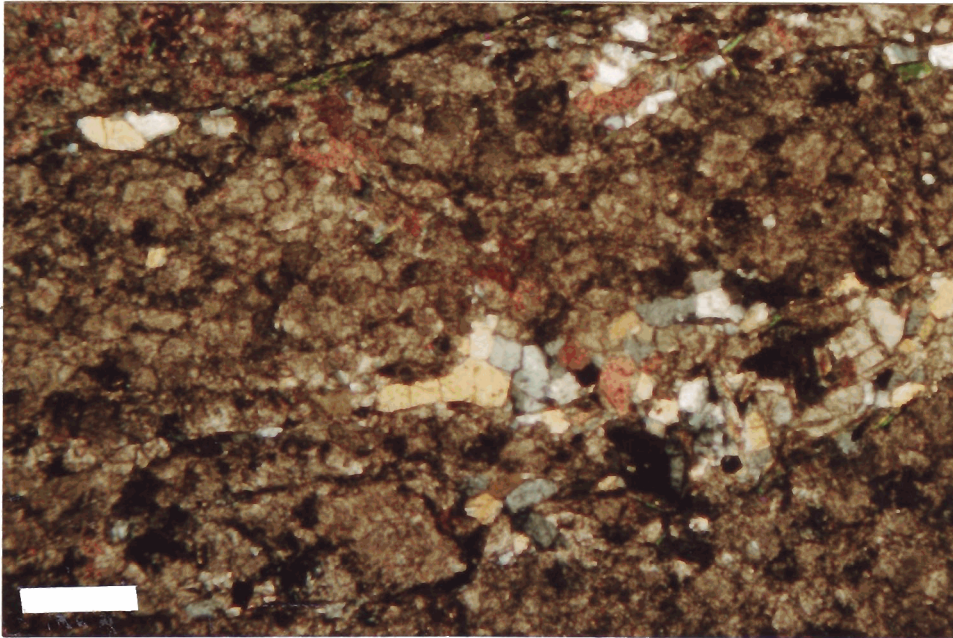


PLATE 349: Quartz grain and mica filled stylolites in fine crystalline meta-dolomite. 14,298'.

XN

AA-6

Bar represents 1/4 mm

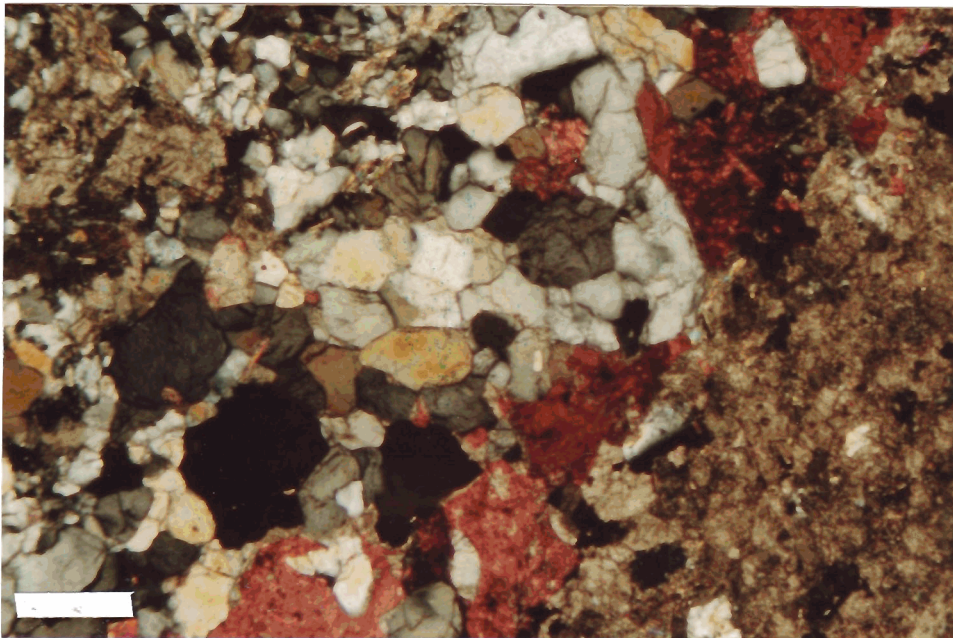


PLATE 350: Quartz grain, dolomite and mica filled stylolite in fine crystalline meta-dolomite. Partial calcite replacement of quartz. 14,299'.

XN

AA-7

Bar represents 1/4 mm

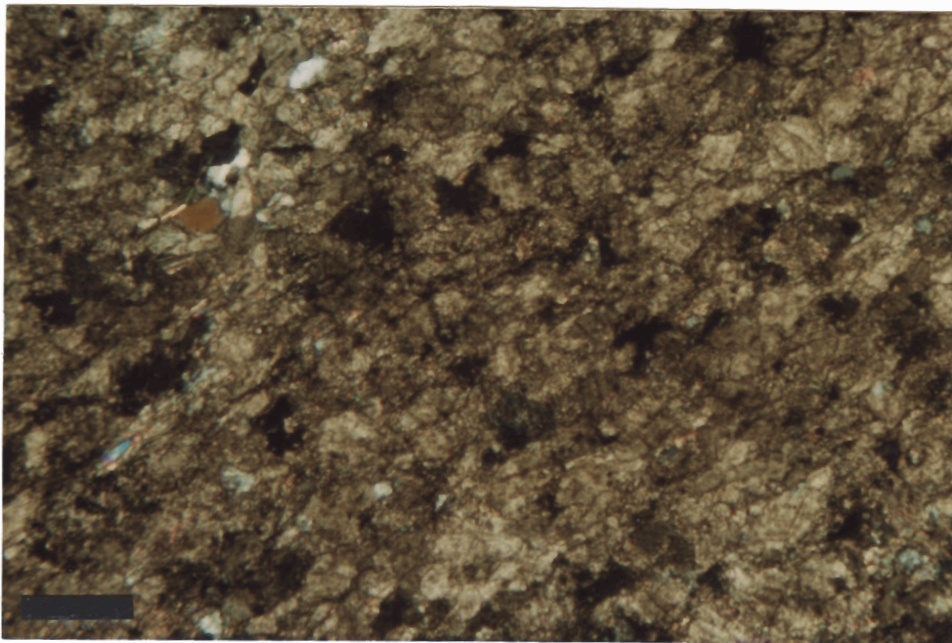


PLATE 351: Slightly sandy and micaceous meta-dolomite. 14,300'.
XN AA-8 Bar represents 1/4 mm