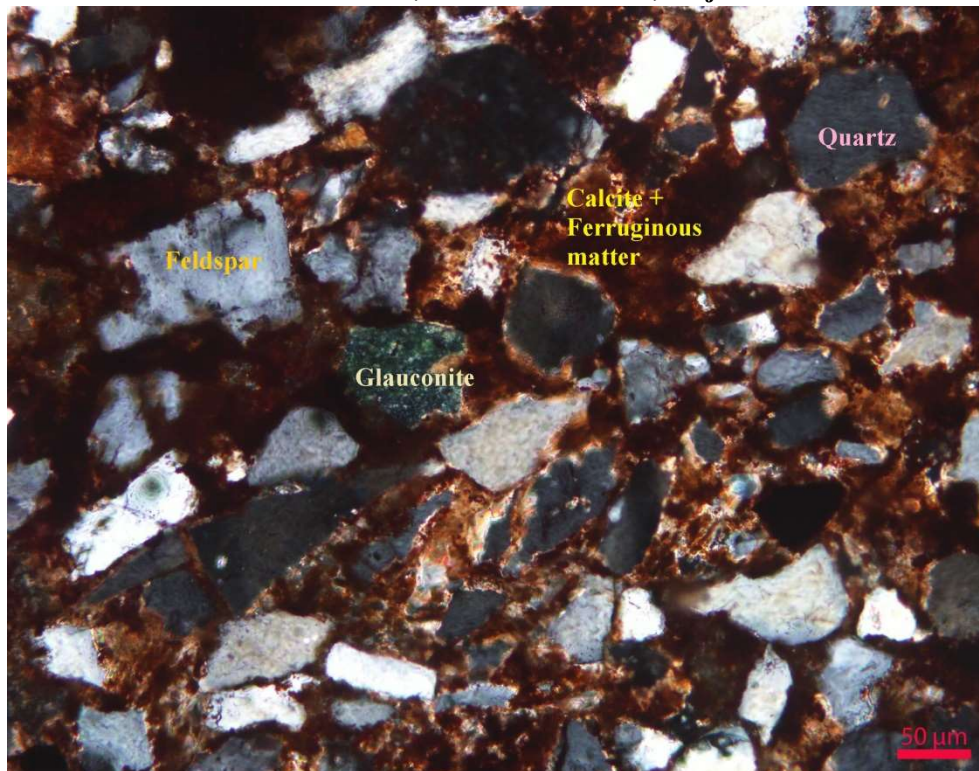


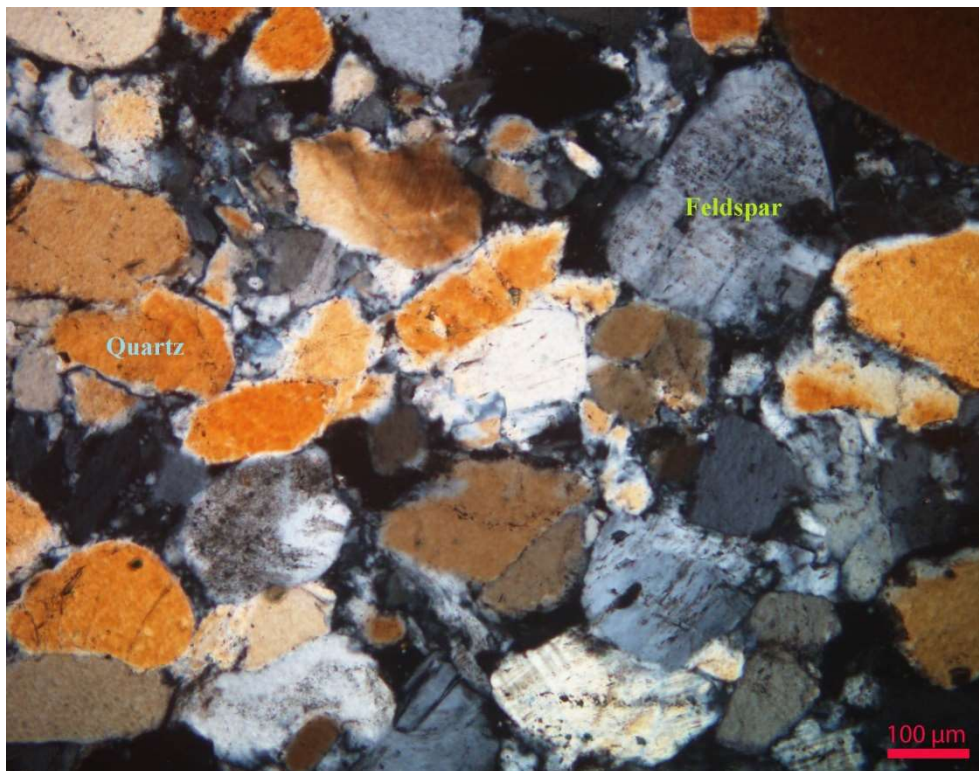
Photomicrographs taken during petrographic study on Bedrock samples of Sumarasar area, District: Kachchh, Gujarat



Pmg – 1: Photomicrograph showing quartzo-feldspathic clasts floating over ferruginous matter mixed calcitic matrix and presence of glauconite in accessories as seen under crossed nicols.

Specimen No. : SMRPT/01

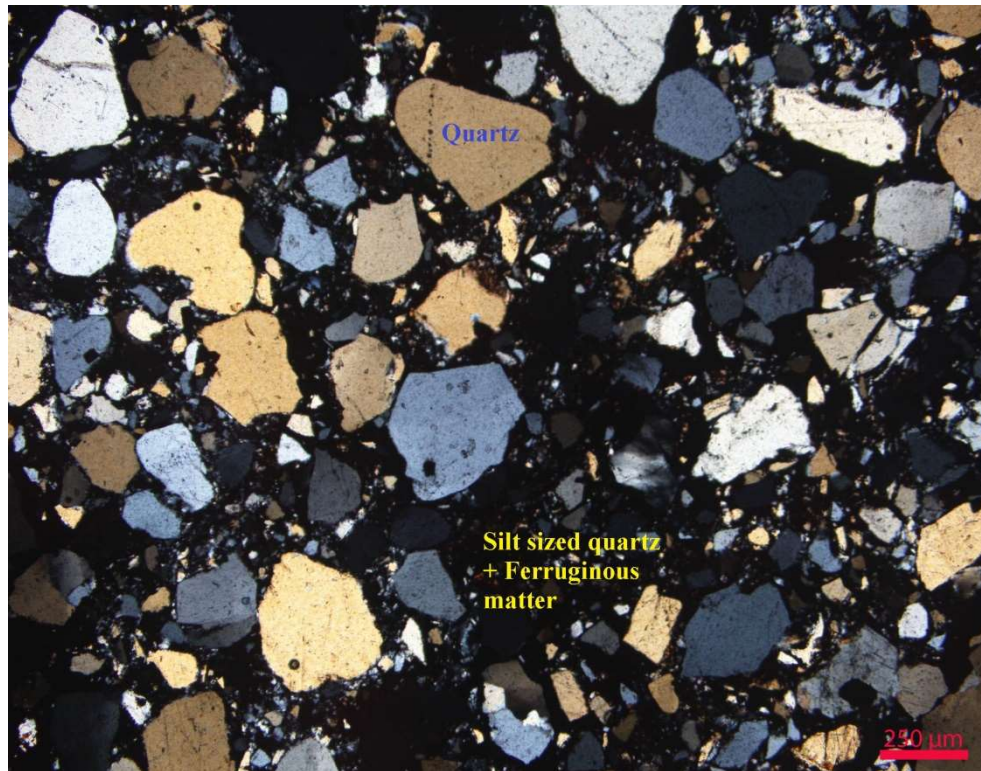
Magnification :200X



Pmg – 2: Photomicrograph depicts association of quartz and feldspar clasts showing moderate sorting and tight packing as seen under crossed nicols.

Specimen No. : SMRPT/03

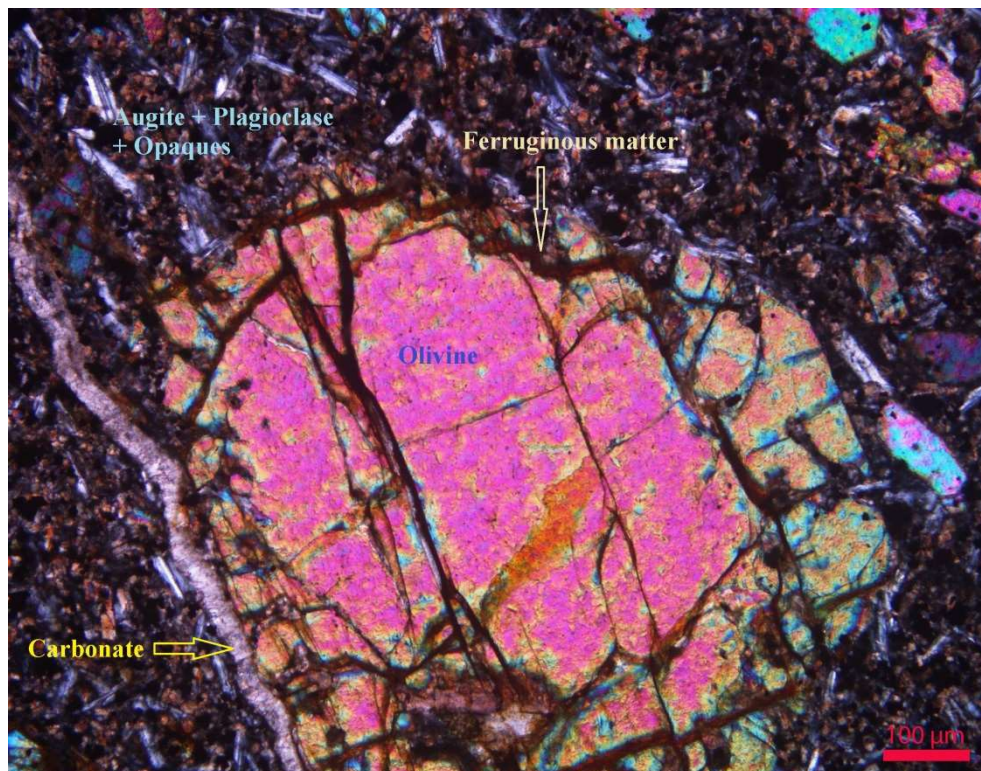
Magnification :100X



Pmg – 3: Photomicrograph showing fine to coarse sand sized clasts floating over ferruginous matter mixed silt sized quartz matrix as seen under crossed nicols.

Specimen No. : SMRPT/05

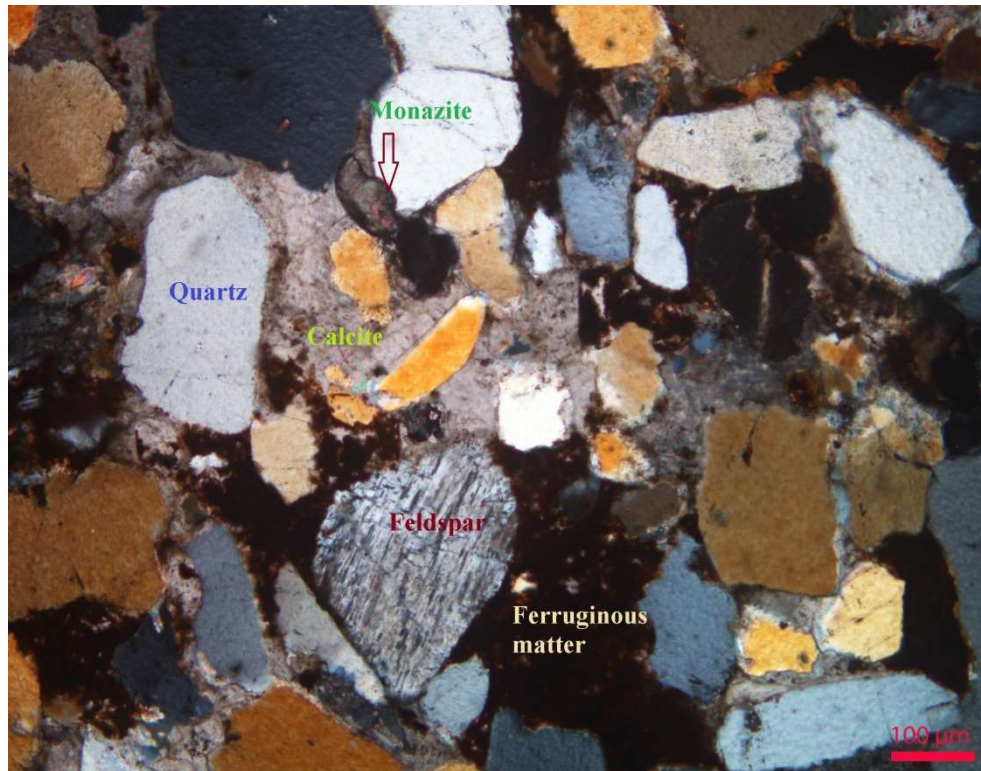
Magnification : 40X



Pmg – 4: Photomicrograph showing moderately coarse to fine phenocrysts of olivine; very fine augite, plagioclase and opaques in matrix and intrusive fillings of carbonates and ferruginous matter in association with olivine as seen under crossed nicols.

Specimen No. : SMRPT/07

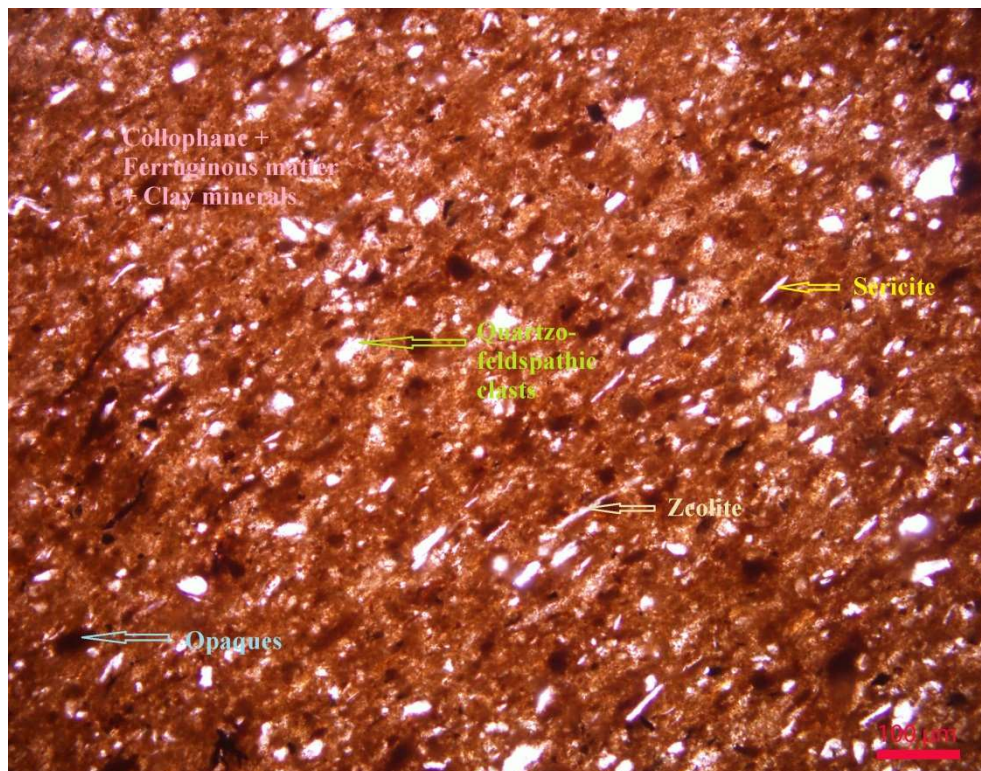
Magnification : 100X



Pmg – 5: Photomicrograph showing quartzo-feldspathic clasts floating over ferruginous matter mixed calcitic matrix and presence of monazite in accessories as seen under crossed nicols.

Specimen No. : SMRPT/08

Magnification : 100X



Pmg – 6: Photomicrograph showing very fine disseminated quartzo-feldspathic clasts, opaques, sericite and zeolite within amorphous collophane, ferruginous matter and clay mixed matrix as seen under plane polarized light.

Specimen No. : SMRPT/10

Magnification : 100X