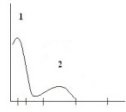
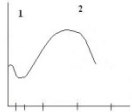
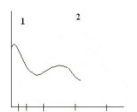
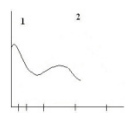
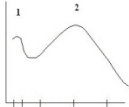


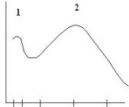
| | | | | | |
|---|--------------------------|--|-----------------------|---|-------------|
| sample | | xx2a | | | |
| colour of groundmass | | 1 N | light brown | | |
| | | + N | yellowish brown | | |
| isotropy of groundmass | | moderate | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 20% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 50–400µm (monocrystalline quartz) maximum: 2300 µm (carbonate rock fragment) | | | |
|  | | | | | |
| | | | | | |
| orientation | | not visible | | | |
| outer layer | colour | 1 N | light yellowish brown | | |
| | | + N | brownish yellow | | |
| | isotropy | weak | | | |
| | average thickness | 1500µm | | | |
| | boundary | diffuse | | | |
| composition | | similar to bulk | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular, normal extinction | 50–400 µm |
| | | <i>polycrystalline quartz</i> | R | high sphericity, well rounded; low sphericity, subrounded | 250–650µm |
| | | <i>plagioclase feldspar</i> | ACC | | |
| | | <i>potassium feldspar</i> | R | | |
| | | <i>muscovite</i> | R | | |
| | | <i>accessories</i> | ACC | | |
| | rock fragments | <i>carbonate rock fragments</i> | INT | low sphericity, well rounded, subrounded | 400–2300 µm |

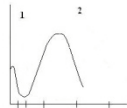
| | | | | | |
|---|--------------------------|---|---------------------------------|--|------------------------------|
| sample | | 75/b | | | |
| colour of groundmass | 1 N | brown | | | |
| | + N | brown | | | |
| isotropy of groundmass | | moderate | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 30% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 400–2000 µm (monocrystalline and polycrystalline quartz, carbonate rock fragments) maximum: 2500 µm (carbonate rock fragment) | | | |
|  | | | | | |
| orientation | | elongated pores parallel to surface (pores also around bigger carbonate rock fragments) | | | |
| outer layer | colour | 1 N | redish brown | | |
| | | + N | redish brown | | |
| | isotropy | poor | | | |
| | average thickness | 2000 µm | | | |
| | boundary | diffuse | | | |
| | composition | similar to bulk | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | INT | low sphericity, angular; normal extinction | 50–500 µm |
| | | <i>polycrystalline quartz</i> | INT | high sphericity, well rounded (bigger ones); low sphericity, subrounded (smaller ones) | 250–1000 µm |
| | | <i>potassium feldspar</i> | R | | |
| | | <i>muscovite</i> | ACC | | |
| | | <i>accessories</i> | ACC | | |
| | | rock fragments | <i>carbonate rock fragments</i> | AB | low sphericity, well rounded |

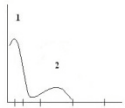
| | | | | | |
|---|-----------------------------|---|-------|---|-------------|
| sample | | 75/04 | | | |
| colourof groundmass | 1 N | brown | | | |
| | + N | yellowish brown | | | |
| isotropy of groundmass | | weak | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 10% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 50–250 µm (monocrystalline quartz)maximum: 1300 µm (grog) | | | |
| | |  | | | |
| orientation | | parallel elongated pores | | | |
| outer layer | colour | 1 N | - | | |
| | | + N | - | | |
| | isotropy | - | | | |
| | average thickness | - | | | |
| | boundary composition | - | | | |
| non-plastic inclusions | | <i>monocrystalline quartz</i> | R/INT | low sphericity, angular, normal extinction | 50–250 µm |
| | | <i>polycrystalline quartz</i> | R | low sphericity, subrounded | 250–750 µm |
| | | <i>potassium feldspar</i> | ACC | | |
| | | <i>muscovite</i> | ACC | | |
| | | <i>accessories</i> | ACC | | |
| | | <i>carbonate rock fragments</i> | R | low sphericity, well rounded(also present in grog fragments) | 150–300 µm |
| | | <i>grog</i> | INT | isometric or elongated fragments with sharp edges, composition and texture is similar to bulk | 250–1300 µm |

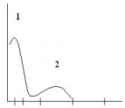
| | | | | | | |
|---|--|---|-----------------|--|-------------|--|
| sample | | 75/02 | | | | |
| colourof groundmass | | 1 N | brownish yellow | | | |
| | | + N | yellowish brown | | | |
| isotropy of groundmass | | weak | | | | |
| fabric | | hiatal | | | | |
| amount of non-plastic inclusions | | 10% | | | | |
| sorting | | poor | | | | |
| grain-size distribution | | dominant: 100–250 µm (monocrystalline quartz)maximum: 1500 µm (grog, carbonate rock fragment) | | | | |
|  | | | | | | |
| orientation | | elongated pores parallel to surface | | | | |
| outer layer | | colour | 1 N | - | | |
| | | | + N | - | | |
| | | isotropy | - | | | |
| | | average thickness | - | | | |
| | | boundary | - | | | |
| | | composition | - | | | |
| non-plastic inclusions | | mineral fragments | | | | |
| | | <i>monocrystalline quartz</i> | R/INT | low sphericity, angular, low sphericity rounded, low sphericity, subrounded; normal extinction | 50–250 µm | |
| | | <i>polycrystalline quartz</i> | R | low sphericity, high sphericity rounded, subrounded | 250–1000 µm | |
| | | <i>potassium feldspar</i> | R | | | |
| | | <i>plagioclase feldspar</i> | ACC | | | |
| | | <i>accessories</i> | ACC | | | |
| | | rock fragments | | | | |
| | | <i>carbonate rock fragment</i> | ACC | low sphericity, subrounded | 1500 µm | |
| | | others | | | | |
| | | <i>grog</i> | INT | isometric or elongated fragments with sharp boundaries, composition similar to bulk, sometimes contain low sphericity, well rounded carbonate rock fragments | 250–1500 µm | |

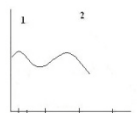
| | | | | | |
|---|--------------------------|--|---|---|-----------------------|
| sample | | 80/a | | | |
| colour of groundmass | 1 N | brownish yellow | | | |
| | + N | yellowish brown | | | |
| isotropy of groundmass | | weak | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 20% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 500–3000 μm (grog) maximum: 3000 μm (grog) | | | |
|  | | | | | |
| orientation | | inhomogenous matrix with 'flow structures' | | | |
| outer layer | colour | 1 N | - | | |
| | | + N | - | | |
| | isotropy | - | | | |
| | average thickness | - | | | |
| | boundary | - | | | |
| composition | - | | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | R | low sphericity, angular; normal extinction | 50–300 μm |
| | | <i>polycrystalline quartz</i> | R | low sphericity, angular; low sphericity, subrounded | 200–750 μm |
| | | <i>potassium feldspar</i> | R | | |
| | | <i>plagioclase feldspar</i> | ACC | | |
| | | <i>muscovite</i> | ACC | | |
| | | <i>accessories</i> | ACC | | |
| | rock fragments | <i>carbonate rock fragments</i> | R | low sphericity, well rounded | 200–300 μm |
| others | <i>grog</i> | AB | isometric or elongated, with sharp boundaries; composition is similar to bulk | 300–3000 μm | |

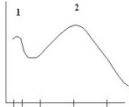
| | | | | | |
|---|--------------------------|--|---|--|------------------------------|
| sample | | 75/c | | | |
| colour of groundmass | 1 N | brownish yellow | | | |
| | + N | yellowish brown | | | |
| isotropy of groundmass | | weak | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 10% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 500–1500 μm (grog) maximum: 1500 μm (grog) | | | |
|  | | | | | |
| orientation | | inhomogenous matrix with 'flow structures' | | | |
| outer layer | colour | 1 N | - | | |
| | | + N | - | | |
| | isotropy | - | | | |
| | average thickness | - | | | |
| | composition | - | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | R | low sphericity, angular; normal extinction | 50–250 μm |
| | | <i>polycrystalline quartz</i> | R | low sphericity, subrounded | 400–650 μm |
| | | <i>potassium feldspar</i> | ACC | | |
| | | <i>plagioclase feldspar</i> | ACC | | |
| | | <i>muscovite</i> | ACC | | |
| | | <i>accessories</i> | ACC | | |
| | | rock fragments | <i>carbonate rock fragment</i> | R | low sphericity, well rounded |
| others | <i>grog</i> | AB | elongated fragments with sharp boundaries, composition is similar to bulk | 250–1500 μm | |

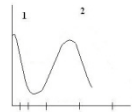
| | | | | | |
|---|--------------------------|--|--|--|---|
| sample | | 75/a | | | |
| colour of groundmass | 1 N | brownish yellow | | | |
| | + N | yellowish brown | | | |
| isotropy of groundmass | | weak | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 10% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 300–1000 μm (grog) maximum: 1250 μm (grog) | | | |
|  | | | | | |
| orientation | | inhomogenous matrix with 'flow structures' | | | |
| outer layer it is well visible macroscopically but not in the thin section | colour | 1 N | - | | |
| | | + N | - | | |
| | isotropy | - | | | |
| | average thickness | - | | | |
| | boundary | - | | | |
| composition | - | | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | R | low sphericity, angular; normal extinction | 50–400 μm |
| | | <i>polycrystalline quartz</i> | ACC | low sphericity, subrounded | 250–350 μm |
| | | <i>potassium feldspar</i> | ACC | | |
| | | <i>plagioclase</i> | ACC | | |
| | | <i>muscovite</i> | ACC | | |
| | | <i>accessories</i> | ACC | | |
| | | rock fragments | <i>carbonate rock fragments</i> | R | low sphericity, well rounded (also in grog fragments) |
| others | <i>grog</i> | A | isometric or elongated fragments with sharp boundaries, composition is similar to bulk, sometimes containing low sphericity, well rounded carbonate rock fragments | 250–1250 μm | |

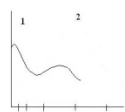
| | | | | | |
|---|--|---|--|--|------------------------|
| sample | | xx/1/3/a | | | |
| colour of groundmass | 1 N | yellowish brown | | | |
| | + N | yellowish brown | | | |
| isotropy of groundmass | | weak | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 5% | | | |
| sorting | | moderate | | | |
| grain-size distribution | | dominant: 50–300 μm (monocrystalline quartz) maximum: 1750 μm (carbonate shell) | | | |
|  | | | | | |
| orientation | | - | | | |
| outer layer | colour | 1 N | light yellowish brown | | |
| | | + N | light yellowish brown | | |
| | isotropy | weak | | | |
| | average thickness | 2000 μm | | | |
| | boundary | diffuse | | | |
| composition | | similar to bulk | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | INT | low sphericity, angular; normal extinction | 50–500 μm |
| | | <i>polycrystalline quartz</i> | R | high sphericity, subrounded | 400–500 μm |
| | <i>potassium feldspar</i> | ACC | | | |
| | <i>plagioclase feldspar</i> | ACC | | | |
| | <i>muscovite</i> | ACC | | | |
| | <i>accessories</i> | ACC | | | |
| | rock fragments | <i>carbonate rock fragments</i> | R | low sphericity, well rounded | 200–1250 μm |
| others | <i>carbonate shell</i> | R | | | |
| | <i>argillaceous fragments, probably grog</i> | R | isometric or elongated, with sharp boundaries; colour is black, isotropy is strong | 500–1000 μm | |

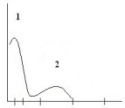
| | | | | | |
|---|-----------------------------|---|---|--|------------|
| sample | | 75/05 | | | |
| colour of groundmass | 1 N | brown | | | |
| | + N | dark brown | | | |
| isotropy of groundmass | | strong | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 20% | | | |
| sorting | | moderate | | | |
| grain-size distribution | | dominant: 50–250 µm (mineral fragments) maximum: 1000 µm (grog) | | | |
|  | | | | | |
| orientation | | - | | | |
| outer layer | colour | 1 N | - | | |
| | | + N | - | | |
| | isotropy | - | | | |
| | average thickness | - | | | |
| | boundary | - | | | |
| composition | | - | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular; normal extinction | 50–250 µm |
| | | <i>polycrystalline quartz</i> | R | low sphericity, subrounded | 250–500 µm |
| | <i>potassium feldspar</i> | ACC | | | |
| | <i>plagioclase feldspar</i> | ACC | | | |
| | <i>muscovite</i> | ACC | | | |
| | <i>accessories</i> | ACC | | | |
| | rock fragments | <i>carbonate rock fragment</i> | ACC | high sphericity, well rounded | 400–500 µm |
| others | <i>grog</i> | INT | isometric or elongated, with sharp boundaries, composition is similar to bulk | 200–1000 µm | |

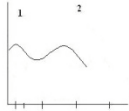
| | | | | | |
|---|--------------------------|--|-----|--|-------------|
| sample | | 75/01 | | | |
| colour of groundmass | 1 N | yellowish brown | | | |
| | + N | dark yellowish brown | | | |
| isotropy of groundmass | | weak | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 20% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 100–500 µm (mineral fragments) maximum: 2500 µm (grog) | | | |
|  | | parallel elongated pores | | | |
| | | orientation | | | |
| outer layer it is well visible macroscopically but not in the thin section | colour | 1 N | - | | |
| | | + N | - | | |
| | isotropy | - | | | |
| | average thickness | - | | | |
| | boundary | - | | | |
| composition | - | | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular, low sphericity, subrounded; normal extinction | 100–500 µm |
| | | <i>polycrystalline quartz</i> | R | low sphericity, subrounded | 500–750 µm |
| | | <i>potassium feldspar</i> | ACC | | |
| | | <i>plagioclase feldspar</i> | ACC | | |
| | | <i>muscovite</i> | ACC | | |
| | | <i>accessories</i> | ACC | | |
| | rock fragments | <i>carbonate rock fragments</i> | ACC | low sphericity, well rounded | 200–250 µm |
| | others | <i>grog</i> | AB | elongated or isometric with sharp boundaries, composition is similar to bulk | 200–2500 µm |

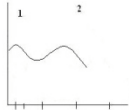
| | | | | | |
|---|--------------------------|--|-----|---|------------------------|
| sample | | 00/1a/c | | | |
| colour of groundmass | 1 N | yellowish brown | | | |
| | + N | yellowish brown | | | |
| isotropy of groundmass | | weak | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 20% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 50–250 μm ; 500–3000 μm (mineral fragments; grog) maximum: 3000 μm (grog) | | | |
|  | | | | | |
| orientation | | - | | | |
| outer layer it is well visible macroscopically but not in the thin section | colour | 1 N | - | | |
| | | + N | - | | |
| | isotropy | - | | | |
| | average thickness | - | | | |
| | boundary | - | | | |
| | composition | - | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | INT | low sphericity, angular; normal extinction | 50–250 μm |
| | | <i>polycrystalline quartz</i> | ACC | low sphericity, subrounded | 200–250 μm |
| | | <i>potassium feldspar</i> | ACC | | |
| | | <i>plagioclase feldspar</i> | ACC | | |
| | | <i>muscovite</i> | ACC | | |
| | | <i>accessories</i> | ACC | | |
| | rock fragments | <i>carbonate rock fragments</i> | ACC | low sphericity, well rounded | 250–300 μm |
| | others | <i>grog</i> | AB | elongated with sharp boundaries, composition is similar to bulk; some grains contain other argillaceous fragments | 300–3000 μm |

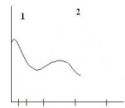
| | | | | | |
|---|-----------------------------|--|--|--|-----------------------|
| sample | | xx/b | | | |
| colour of groundmass | 1 N | brown | | | |
| | + N | dark brown | | | |
| isotropy of groundmass | | moderate | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 15% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 50–250 μm ; 500–3000 μm (mineral fragments; grog) maximum: 3000 μm (grog) | | | |
|  | | | | | |
| orientation | | - | | | |
| outer layer | colour | 1 N | redish brown | | |
| | | + N | redish brown | | |
| | isotropy | weak | | | |
| | average thickness | 700 μm | | | |
| | boundary | sharp | | | |
| composition | | similar to bulk | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular; normal extinction | 50–250 μm |
| | | <i>polycrystalline quartz</i> | R | low sphericity, subrounded, rounded | 400–500 μm |
| | <i>potassium feldspar</i> | ACC | | | |
| | <i>plagioclase feldspar</i> | ACC | | | |
| | <i>muscovite</i> | ACC | | | |
| | <i>accessories</i> | ACC | | | |
| | rock fragments | <i>carbonate rock fragments</i> | ACC | low sphericity, subrounded | 800 μm |
| others | <i>grog</i> | AB | elongated or isometric fragments, composition is similar to bulk, sometimes contain other argillaceous fragments | 300–3000 μm | |

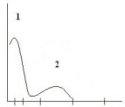
| | | | | | |
|---|--------------------------|--|--------------|--|------------------------|
| sample | | xx1/3/d | | | |
| colourof groundmass | | 1 N | dark brown | | |
| | | + N | black | | |
| isotropy of groundmass | | strong | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 20% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 50–400 μm ; 1000–2500 μm (mineral fragments; grog)maximum: 2500 μm (grog) | | | |
|  | | | | | |
| orientation | | elongated pores parallel to surface | | | |
| outer layer | colour | 1 N | brown | | |
| | | + N | redish brown | | |
| | isotropy | moderate | | | |
| | average thickness | 1500 μm | | | |
| | boundary | sharp | | | |
| | composition | similar to bulk | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular; (some bigger fragments are high sphericity, subangular, subrounded) normal extinction | 50–600 μm |
| | | <i>polycrystalline quartz</i> | R | low sphericity, subrounded | 200–500 μm |
| | | <i>potassium feldspar</i> | ACC | | |
| | | <i>plagioclase feldspar</i> | ACC | | |
| | | <i>muscovite</i> | ACC | | |
| | | <i>accessories</i> | ACC | | |
| | rock fragments | <i>carbonate rock fragment</i> | INT | low sphericity (some high sphericity), rounded | 300–1500 μm |
| | others | <i>carbonate shell</i> | ACC | | 1000 μm |
| | | <i>grog</i> | AB | isometric or elongated fragments, sometimes with an outer layer, composition is similar to bulk | 400–2500 μm |
| | | <i>clay pellet</i> | R | destorted shape, or well rounded, composition is similar to bulk | |

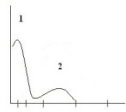
| | | | | | |
|---|--------------------------|---|---|--|------------------------|
| sample | | xx4f | | | |
| colour of groundmass | 1 N | brown | | | |
| | + N | yellowish brown | | | |
| isotropy of groundmass | | weak | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 15 % | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 50–200 μm (mineral fragments) maximum: 4000 μm (grog) | | | |
|  | | | | | |
| orientation | | - | | | |
| outer layer | colour | 1 N | - | | |
| | | + N | - | | |
| | isotropy | - | | | |
| | average thickness | - | | | |
| | boundary | - | | | |
| composition | | - | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | INT | low sphericity, angular; normal extinction | 50–200 μm |
| | | <i>polycrystalline quartz</i> | ACC | low sphericity, subangular | 200–300 μm |
| | | <i>potassium feldspar</i> | ACC | | |
| | | <i>plagioclase feldspar</i> | ACC | | |
| | | <i>muscovite</i> | ACC | | |
| | | <i>accessories</i> | ACC | | |
| | rock fragments | <i>carbonate rock fragment</i> | R | low sphericity, subrounded, well rounded | 300–2000 μm |
| others | <i>grog</i> | INT | elongated fragments with sharp boundaries, composition is similar to bulk | 500–4000 μm | |

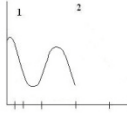
| | | | | | |
|---|--------------------------|--|--|--|-------------|
| sample | | xx/1/3/c | | | |
| colour of groundmass | 1 N | dark brown | | | |
| | + N | black | | | |
| isotropy of groundmass | | strong | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 20% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 50–250 µm; 500–2000 µm (mineral fragments; grog) maximum: 2500 µm (grog) | | | |
|  | | | | | |
| orientation | | elongated pores parallel to surface | | | |
| outer layer | colour | 1 N | light brown, reddish brown | | |
| | | + N | brown, reddish brown | | |
| | isotropy | moderate | | | |
| | average thickness | 1000 µm | | | |
| | boundary | sharp | | | |
| composition | | similar to bulk | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | A | low sphericity, angular, normal extinction | 50–300 µm |
| | | <i>polycrystalline quartz</i> | ACC | high sphericity, subrounded | 300 µm |
| | | <i>potassium feldspar</i> | ACC | | |
| | | <i>plagioclase feldspar</i> | ACC | | |
| | | <i>accessories</i> | ACC | | |
| | <i>muscovite</i> | ACC | | | |
| | rock fragments | <i>carbonate rock fragment</i> | INT | low sphericity, well rounded | 200–1000 µm |
| others | <i>grog</i> | AB | isometric or elongated fragments with sharp boundaries, composition is similar to bulk, contain other argillaceous fragments sometimes | 300–2500 µm | |
| sample | | 75/06 | | | |
| colour of groundmass | 1 N | dark brown | | | |
| | + N | dark brown, black | | | |

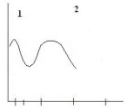
| | | | | | |
|---|--------------------------|--|--------------------------------|--|----------------------------|
| isotropy of groundmass | | strong | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 15% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 50–500 μm ; 500–2500 μm (mineral fragments; grog) maximum: 2500 μm (grog) | | | |
|  | | | | | |
| orientation | | - | | | |
| outer layer | colour | 1 N | - | | |
| | | + N | - | | |
| | isotropy | - | | | |
| | average thickness | - | | | |
| | boundary | - | | | |
| composition | | - | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular, normal extinction | 50–250 μm |
| | | <i>polycrystalline quartz</i> | ACC | low sphericity, subrounded | 500 μm |
| | | <i>potassium feldspar</i> | ACC | | |
| | | <i>plagioclase feldspar</i> | ACC | | |
| | | <i>muscovite</i> | ACC | | |
| | | <i>accessories</i> | ACC | | |
| | | rock fragments | <i>carbonate rock fragment</i> | R | low sphericity, subrounded |
| | others | <i>grog</i> | AB | isometric or elongated, composition is similar to bulk | 300–2500 μm |

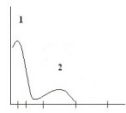
| | | | | | | |
|---|--------------------------|---|------------|---|-------------|--|
| sample | | 75/03 | | | | |
| colourof groundmass | | 1 N | brown | | | |
| | | + N | dark brown | | | |
| isotropy of groundmass | | moderate | | | | |
| fabric | | hiatal | | | | |
| amount of non-plastic inclusions (%) | | 15% | | | | |
| sorting | | moderate | | | | |
| grain-size distribution | | dominant:50–300 µm (mineral fragments)maximum: 1300 µm (grog) | | | | |
|  | | | | | | |
| | | | | | | |
| orientation | | - | | | | |
| outer layer | | colour | 1 N | - | | |
| | | | + N | - | | |
| | | isotropy | - | | | |
| | | average thickness | - | | | |
| | | boundary composition | - | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular; normal extinction | 50–300 µm | |
| | | <i>polycrystalline quartz</i> | R | low sphericity, subrounded, subangular | 300–500 µm | |
| | | <i>potassium feldspar</i> | ACC | | | |
| | | <i>plagioclase feldspar</i> | ACC | | | |
| | | <i>muscovite</i> | ACC | | | |
| | | <i>accessories</i> | ACC | | | |
| | rock fragments | <i>carbonate rock fragment</i> | R | low sphericity, high sphericity, well rounded | 200–500 µm | |
| | others | <i>grog</i> | INT | isometrical or elongated, with sharp boundaries, composition is similar to bulk | 200–1300 µm | |

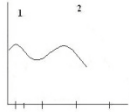
| | | | | | |
|---|-----------------------------|---|---|----------------------------|-----------------------|
| sample | | xx/c | | | |
| colour of groundmass | 1 N | dark brown | | | |
| | + N | dark brown | | | |
| isotropy of groundmass | | strong | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 15% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 50–300 μm (mineral fragments) maximum: 1000 μm (grog) | | | |
|  | | | | | |
| orientation | | - | | | |
| outer layer | colour | 1 N | - | | |
| | | + N | - | | |
| | isotropy | - | | | |
| | average thickness | - | | | |
| | boundary | - | | | |
| composition | | - | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular | 50–300 μm |
| | | <i>polycrystalline quartz</i> | R | low sphericity, subangular | 250–400 μm |
| | <i>potassium feldspar</i> | ACC | | | |
| | <i>plagioclase feldspar</i> | ACC | | | |
| | <i>muscovite</i> | ACC | | | |
| | <i>accessories</i> | ACC | | | |
| | rock fragments | | | | |
| others | <i>grog</i> | INT | isometric or elongated, with sharp boundaries, composition is similar to bulk | 300–1000 μm | |

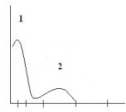
| | | | | | | |
|---|--|---|-------------------------------|---|---|-----------------------|
| sample | | xx/e | | | | |
| colour of groundmass | | 1 N | brown | | | |
| | | + N | dark brown, black | | | |
| isotropy of groundmass | | strong | | | | |
| fabric | | hiatal | | | | |
| amount of non-plastic inclusions (%) | | 20% | | | | |
| sorting | | moderate | | | | |
| grain-size distribution | | dominant: 50–300 μm (mineral fragments) maximum: 1500 μm (grog) | | | | |
|  | | | | | | |
| | | | | | | |
| orientation | | - | | | | |
| outer layer | | colour | 1 N | redish brown | | |
| | | | + N | brownish red | | |
| | | isotropy | weak | | | |
| | | average thickness | 2000 μm | | | |
| | | boundary | sharp | | | |
| composition | | similar to bulk, seems to be finer grained, does not contain grog | | | | |
| non-plastic inclusions | | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular; normal extinction | 50–300 μm |
| | | | <i>polycrystalline quartz</i> | R | low sphericity, subangular, high sphericity, well rounded | 400–700 μm |
| | | <i>potassium feldspar</i> | ACC | | | |
| | | <i>plagioclase feldspar</i> | ACC | | | |
| | | <i>muscovite</i> | ACC | | | |
| | | <i>accessories</i> | ACC | | | |
| rock fragments | | | | | | |
| others | | <i>grog</i> | INT | isometric or elongated, composition is similar to bulk, with sharp boundaries | 300–1500 μm | |

| | | | | | |
|---|--------------------------|---|---|--|-----------------------|
| sample | | xx/d | | | |
| colour of groundmass | 1 N | brown | | | |
| | + N | dark brown, black | | | |
| isotropy of groundmass | | strong | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 20% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 50–250 μm ; 500–4000 μm (mineral fragments; grog) maximum: 4000 μm | | | |
|  | | | | | |
| orientation | | - | | | |
| outer layer | colour | 1 N | greyish brown | | |
| | | + N | redish greyish brown | | |
| | isotropy | moderate–weak | | | |
| | average thickness | 2500 μm | | | |
| | boundary | diffuse | | | |
| composition | | similar to bulk | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular; normal extinction | 50–250 μm |
| | | <i>polycrystalline quartz</i> | R | low sphericity, subangular | 400–500 μm |
| | | <i>potassium feldspar</i> | ACC | | |
| | | <i>plagioclase feldspar</i> | ACC | | |
| | | <i>muscovite</i> | ACC | | |
| | | <i>accessories</i> | ACC | | |
| | | rock fragments | | | |
| others | <i>grog</i> | AB | elongated or isometrical fragments, composition is similar to bulk with less non-plastic inclusions | 300–4000 μm | |

| | | | | | |
|---|-----------------------------|---|--|---|-----------------------|
| sample | | xx/1/3/b | | | |
| colour of groundmass | 1 N | brown | | | |
| | + N | dark brown | | | |
| isotropy of groundmass | | moderate | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 25% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 50–300; 800–5000 μm (mineral fragments; grog) maximum: 4000 μm (grog) | | | |
|  | | | | | |
| orientation | | - | | | |
| outer layer | colour | 1 N | light brown | | |
| | | + N | dark yellowish brown | | |
| | isotropy | weak | | | |
| | average thickness | 1500 μm | | | |
| | boundary | sharp | | | |
| composition | | similar to bulk | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular; normal extinction | 50–300 μm |
| | | <i>polycrystalline quartz</i> | R | low sphericity, subrounded; high sphericity, subrounded | 400–600 μm |
| | <i>potassium feldspar</i> | ACC | | | |
| | <i>plagioclase feldspar</i> | ACC | | | |
| | <i>muscovite</i> | ACC | | | |
| | <i>accessories</i> | ACC | | | |
| | rock fragments | | | | |
| others | <i>grog</i> | AB | elongated fragments, with sharp boundaries, composition is similar to bulk | 500–4000 μm | |

| | | | | | |
|---|--------------------------|---|--------------------------------------|---|-------------|
| sample | | xx2b | | | |
| colour of groundmass | 1 N | brown | | | |
| | + N | dark yellowish brown | | | |
| isotropy of groundmass | | moderate | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 15% | | | |
| sorting | | moderate | | | |
| grain-size distribution | | dominant: 50–300 µm (mineral fragments) maximum: 1300 µm (grog) | | | |
|  | | | | | |
| orientation | | - | | | |
| outer layer | colour | 1 N | yellowish brown/dark yellowish brown | | |
| | | + N | dark yellowish brown | | |
| | isotropy | weak/moderate | | | |
| | average thickness | 1500 µm | | | |
| | boundary | sharp | | | |
| non-plastic inclusions | composition | similar to bulk | | | |
| | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular; normal extinction | 50–500 µm |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | rock fragments | <i>carbonate rock fragments</i> | ACC | low sphericity, well rounded | 200–300µm |
| | others | <i>grog</i> | INT | elongated or isometrical fragments, with sharp boundaries; composition is similar to bulk | 500–1300 µm |

| | | | | | |
|---|------------------------------|--|-------------------------|--|-------------|
| sample | | 00/1a/a | | | |
| colour of groundmass | 1 N | yellowish brown | | | |
| | + N | dark yellowish brown | | | |
| isotropy of groundmass | | moderate | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 25% | | | |
| sorting | | poor | | | |
| grain-size distribution | | dominant: 50–300 µm; 600–2500 µm (mineral fragments; grog) maximum: 2500 µm (grog) | | | |
|  | | | | | |
| orientation | | - | | | |
| outer layer | colour | 1 N | greyish yellowish brown | | |
| | | + N | yellowish brown | | |
| | isotropy | weak | | | |
| | average thickness | 1500 µm | | | |
| | boundary | diffuse | | | |
| composition | | similar to bulk | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular, normal extinction | 50–600 µm |
| | | <i>polycrystalline quartz</i> | R | low sphericity, subangular | 300–500 µm |
| | <i>potassium feldspars</i> | ACC | | | |
| | <i>plagioclase feldspars</i> | ACC | | | |
| | <i>muscovite</i> | ACC | | | |
| | <i>accessories</i> | ACC | | | |
| | rock fragments | | R | | |
| | others | <i>grog</i> | AB | elongated or isometrical fragments with sharp boundaries, composition is similar to bulk, sometime containing other argillaceous fragments as well | 300–2500 µm |

| | | | | | |
|---|--------------------------|---|----------------------|--|------------------------|
| sample | | 00/1a/b | | | |
| colour of groundmass | 1 N | brown | | | |
| | + N | yellowish brown | | | |
| isotropy of groundmass | | moderate | | | |
| fabric | | hiatal | | | |
| amount of non-plastic inclusions (%) | | 10% | | | |
| sorting | | moderate | | | |
| grain-size distribution | | dominant: 50–300 μm (mineral fragments) maximum: 1300 μm (grog) | | | |
|  | | | | | |
| orientation | | - | | | |
| outer layer | colour | 1 N | yellowish brown | | |
| | | + N | dark yellowish brown | | |
| | isotropy | weak | | | |
| | average thickness | 2000 μm | | | |
| | boundary | diffuse | | | |
| composition | | similar to bulk | | | |
| non-plastic inclusions | mineral fragments | <i>monocrystalline quartz</i> | AB | low sphericity, angular; normal extinction | 50–300 μm |
| | | <i>polycrystalline quartz</i> | R | low sphericity, subrounded, subangular | 400–500 μm |
| | | <i>potassium feldspar</i> | ACC | | |
| | | <i>plagioclase feldspar</i> | ACC | | |
| | | <i>muscovite</i> | ACC | | |
| | | <i>accessories</i> | ACC | | |
| rock fragments | | | | | |
| others | | <i>grog</i> | INT | isometrical or elongated fragments with sharp boundaries, composition is similar to bulk | 500–1300 μm |