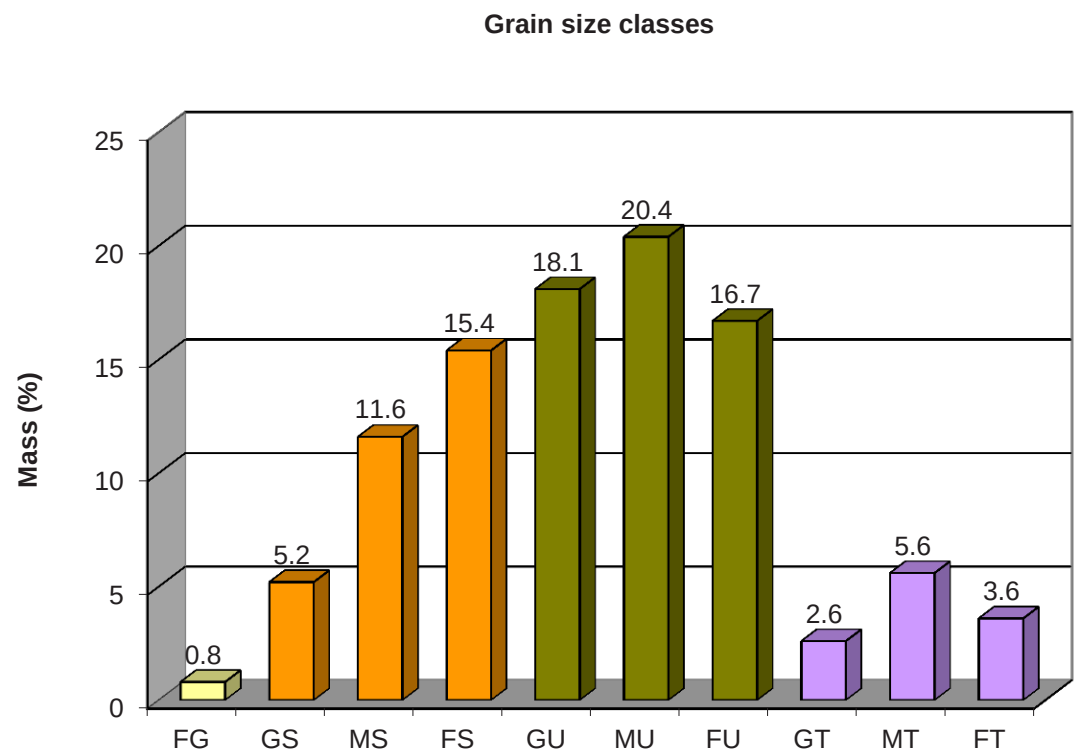
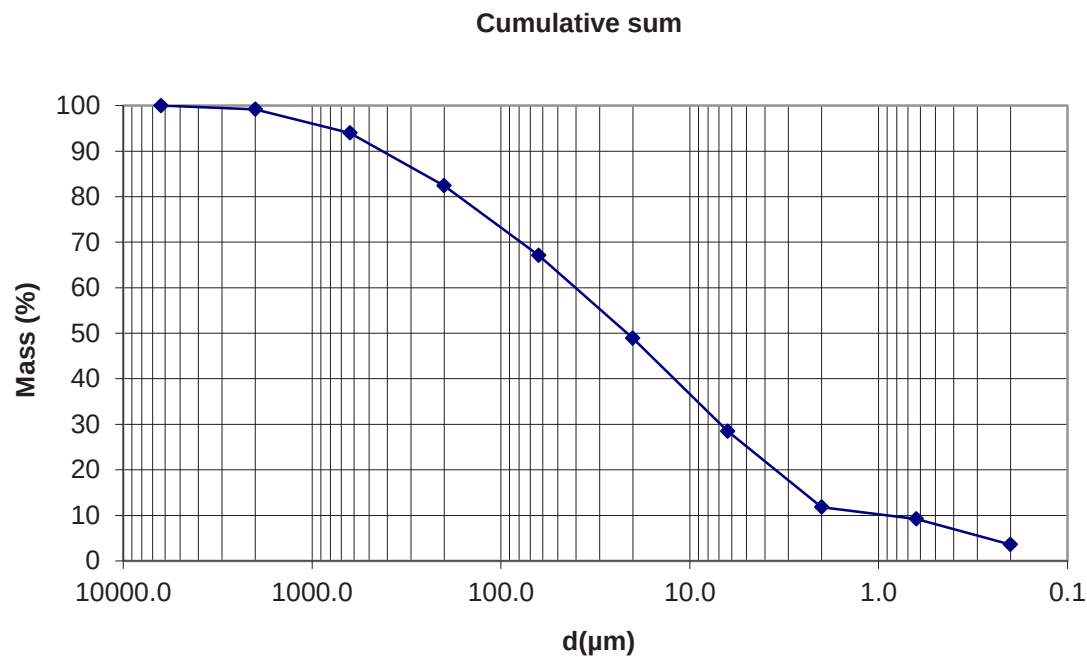


VI. APPENDIX CHAPTER III

Graphics and figures	Abbreviation	Page
Grain size distribution	GSD	298 – 323
Bulk mineral analysis	BMA	324 – 336
Clay mineral analysis	CMA	337 – 350
Simultaneous thermal analysis	STA	351 – 355
Infrared Spectroscopy	IRS	356 – 357

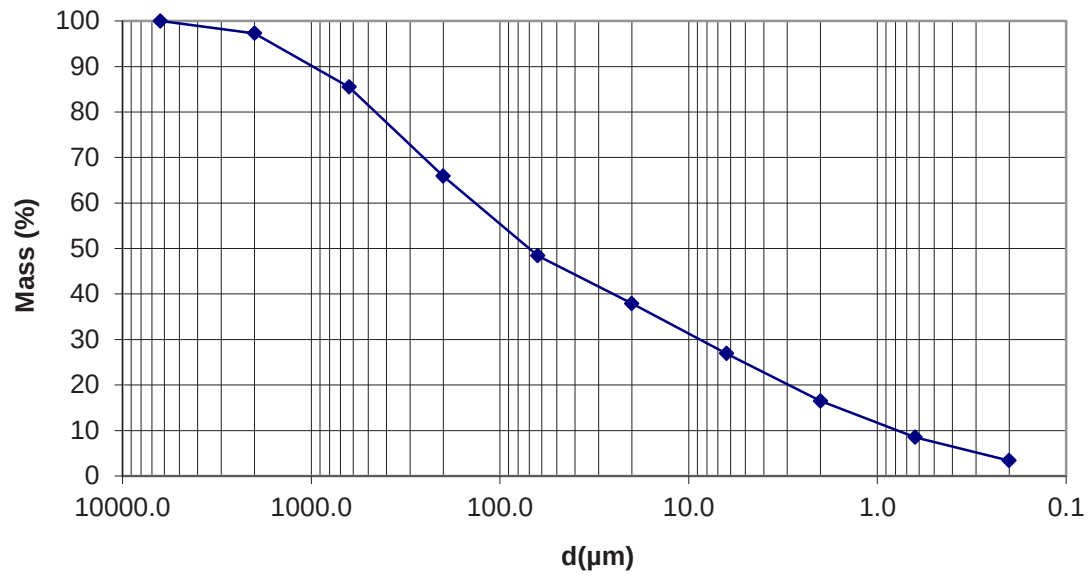
8469 – Basgo
Maitreya Lhakhang. Plaster on pillar.



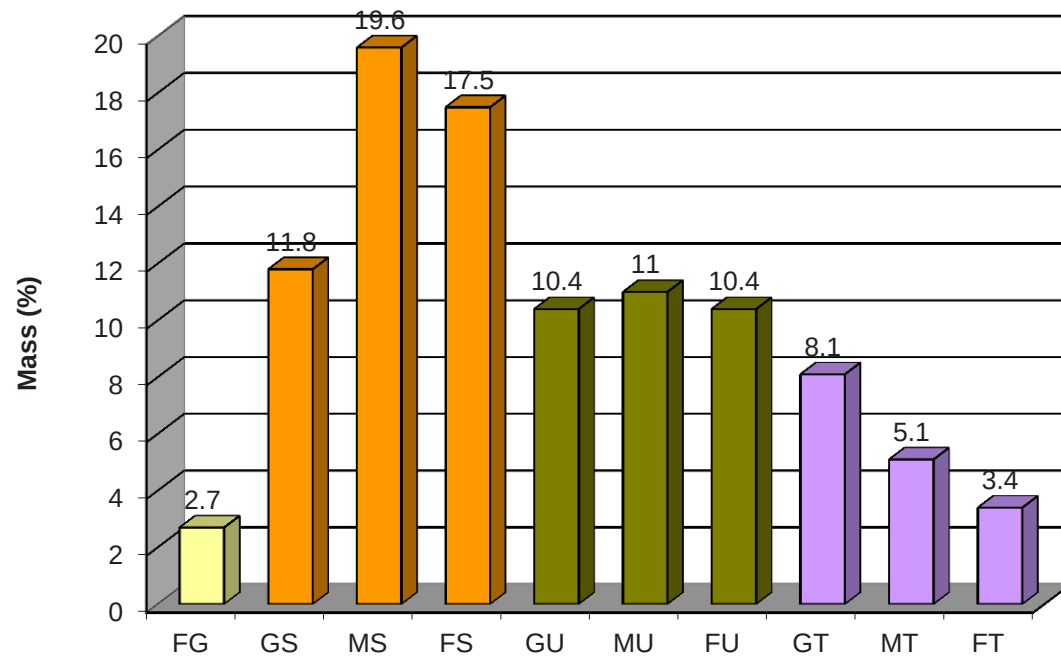
GSD 3.1 Basgo. Maitreya Lhakhang. Sample 8496. Plaster on pillar. Top: Cumulative sum. Bottom: Grain size classes.

8479 – Basgo
Maitreya Lhakhang. Plaster on pillar.

Cumulative sum

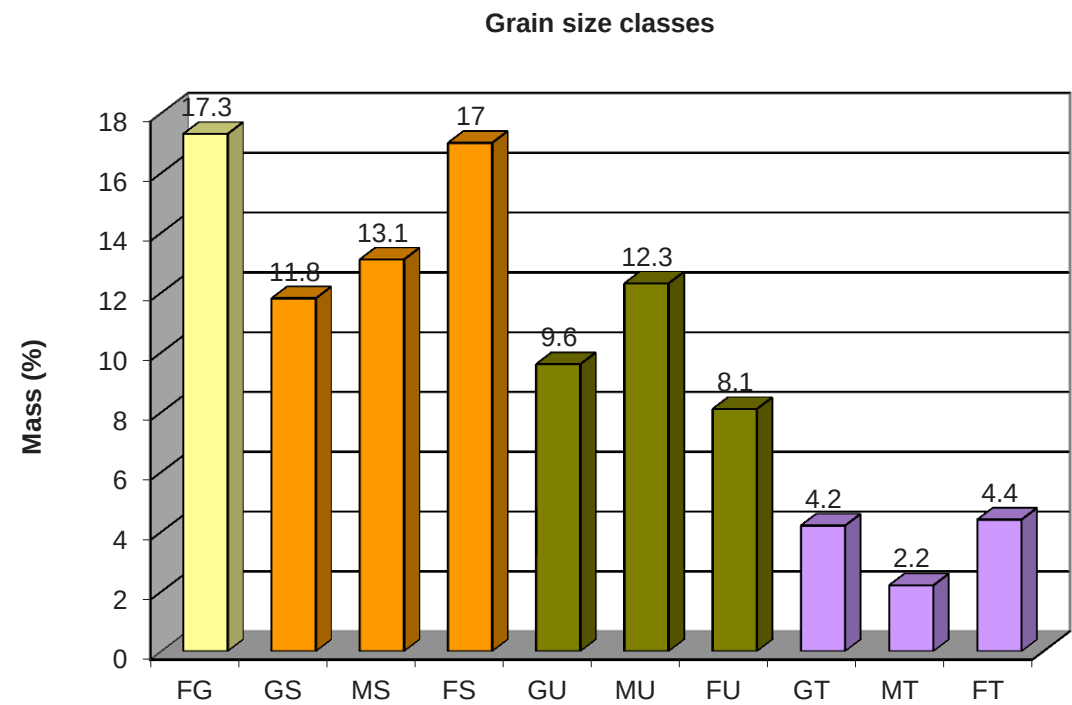
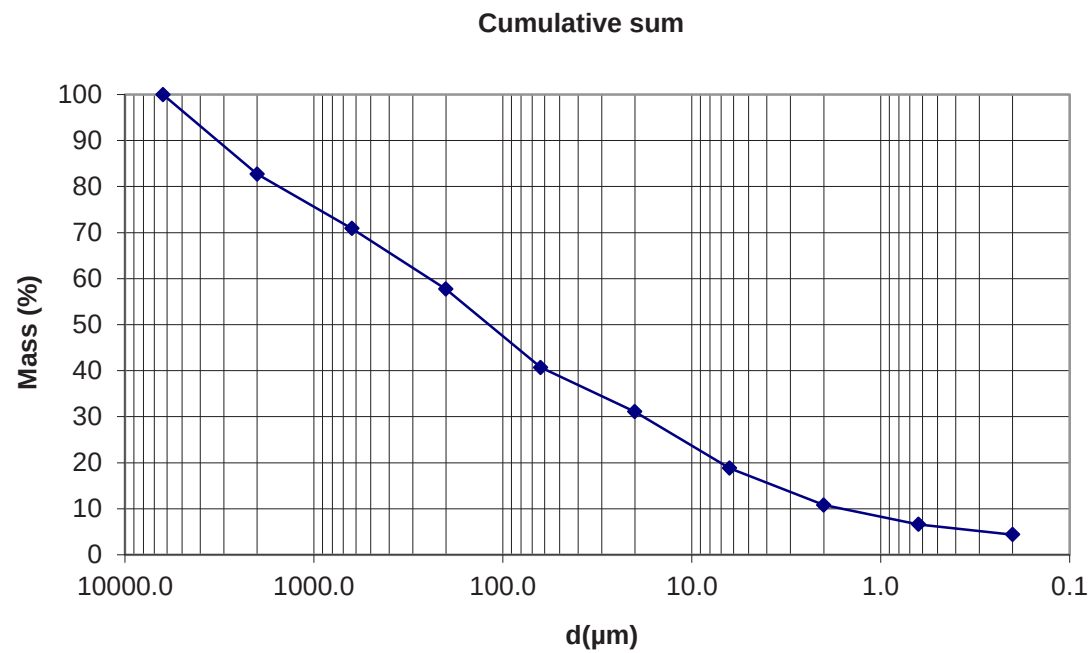


Grain size classes



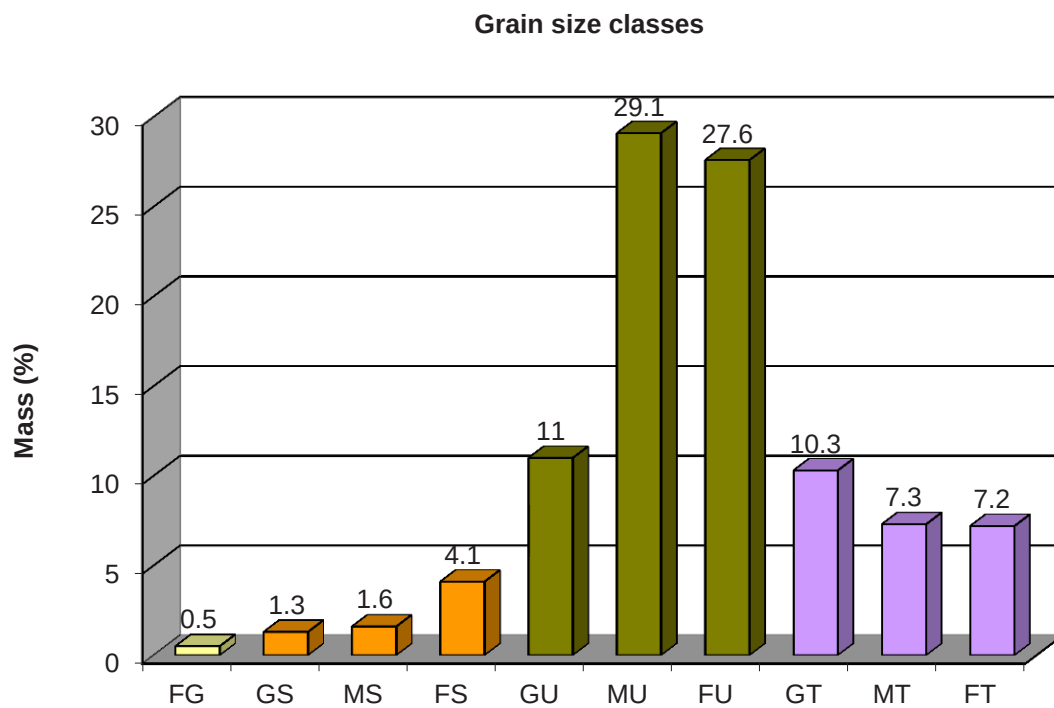
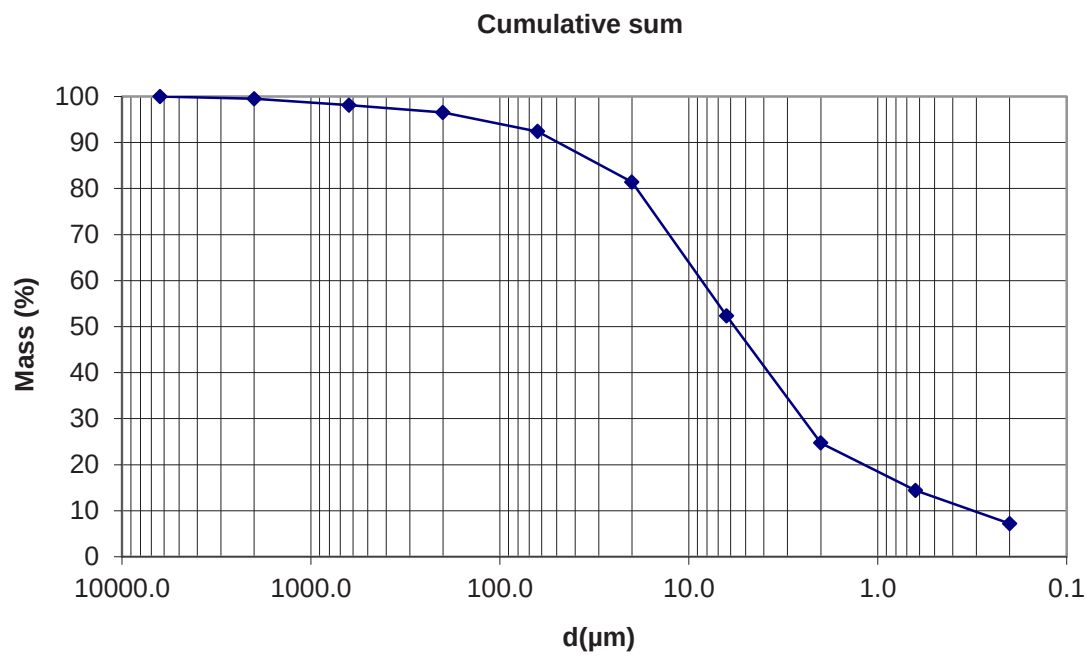
GSD 3.2 Basgo. Maitreya Lhakhang. Sample 8479. Plaster on pillar. Top: Cumulative sum. Bottom: Grain size classes.

8496 – Basgo
Maitreya Lhakhang. Plaster on pillar.



GSD 3.3 Basgo, Maitreya Lhakhang. Sample 8479. Plaster on pillar. Top: Cumulative sum. Bottom: Grain size classes.

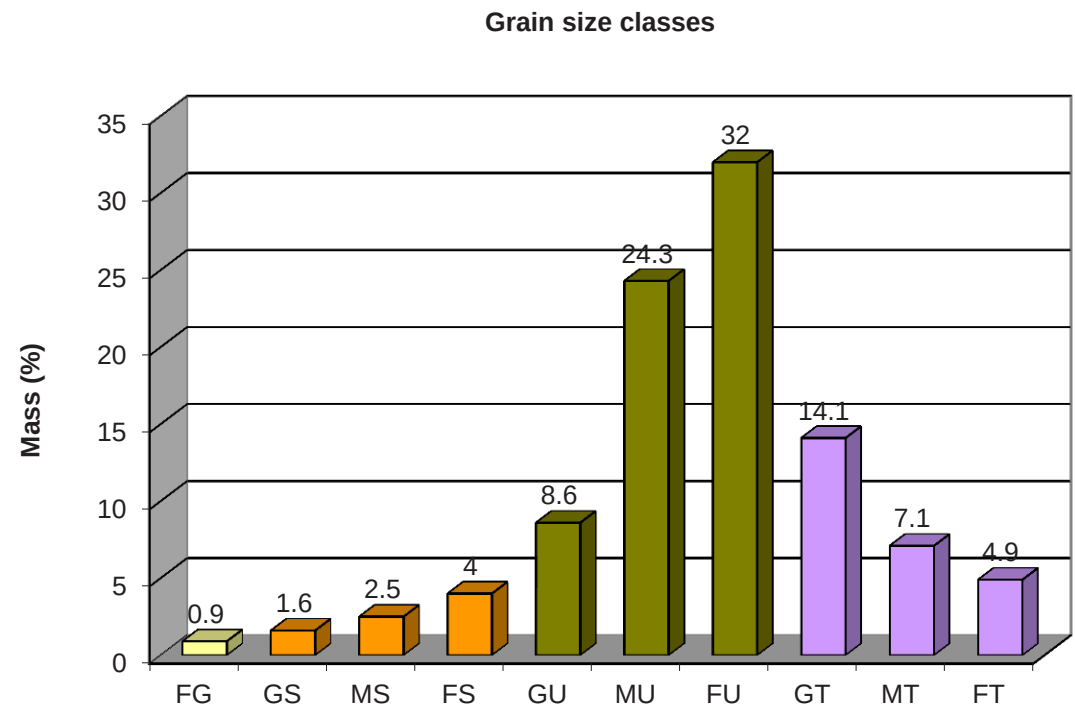
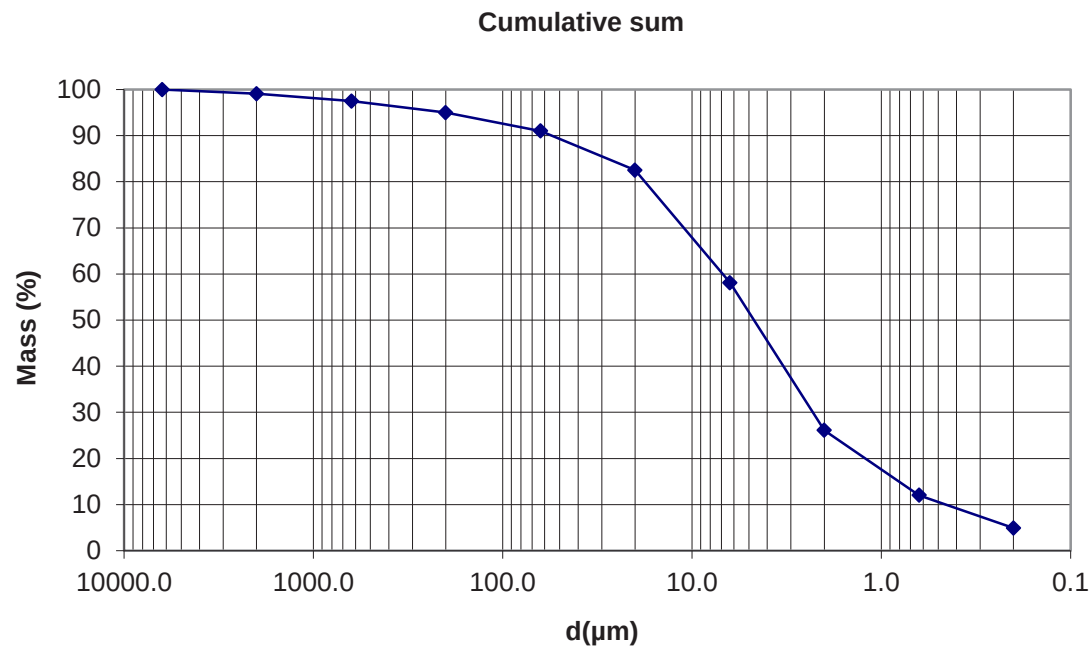
8482 – Basgo
Lotsāba Lhakhang. Interior wall plaster.



GSD 3.4 Basgo. Lotsāba Lhakhang. Sample 8482. Interior wall plaster.

Top: Cumulative sum. Bottom: Grain size classes.

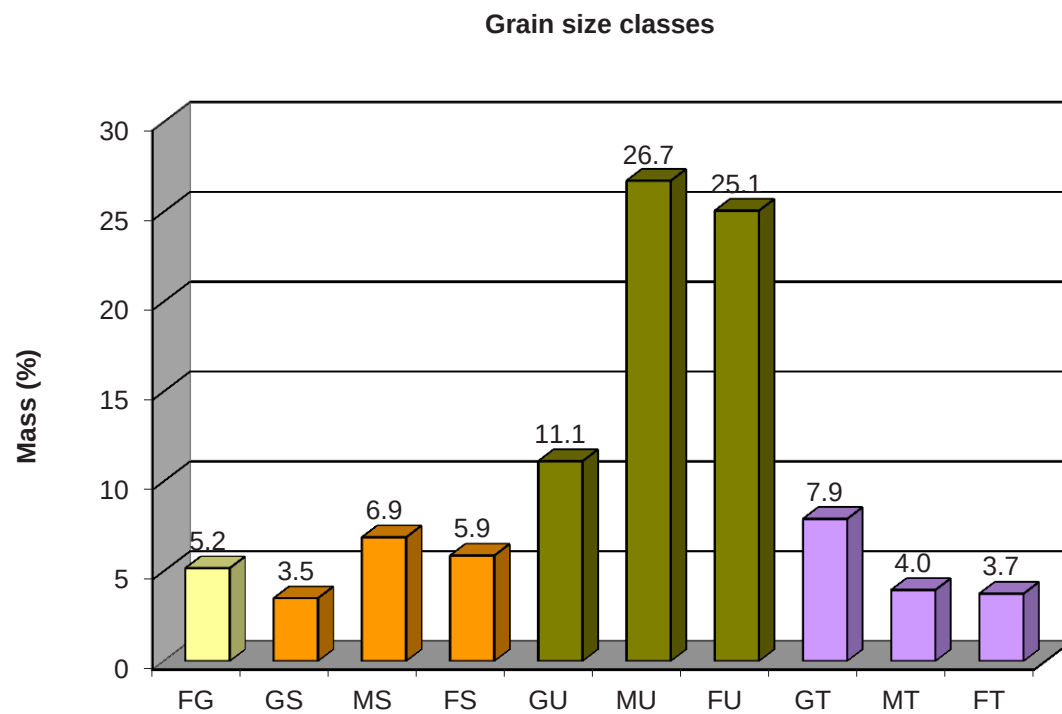
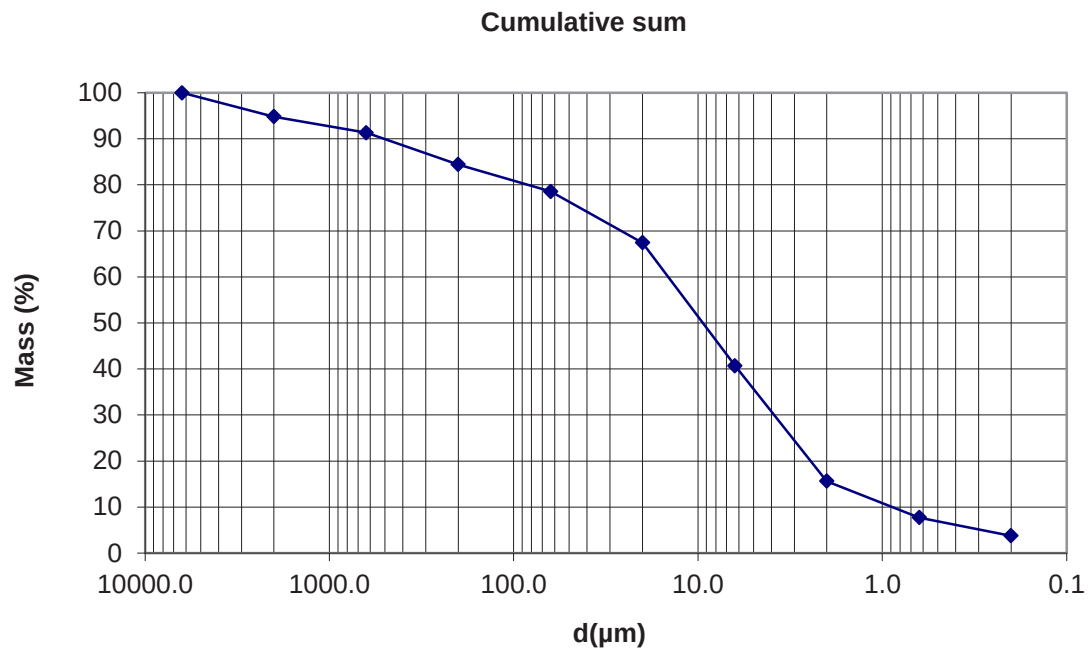
8483 – Basgo
Lotsāba Lhakhang. Interior wall plaster.



GSD 3.5 Basgo. Lotsāba Lhakhang. Sample 8483. Interior wall plaster.

Top: Cumulative sum. Bottom: Grain size classes.

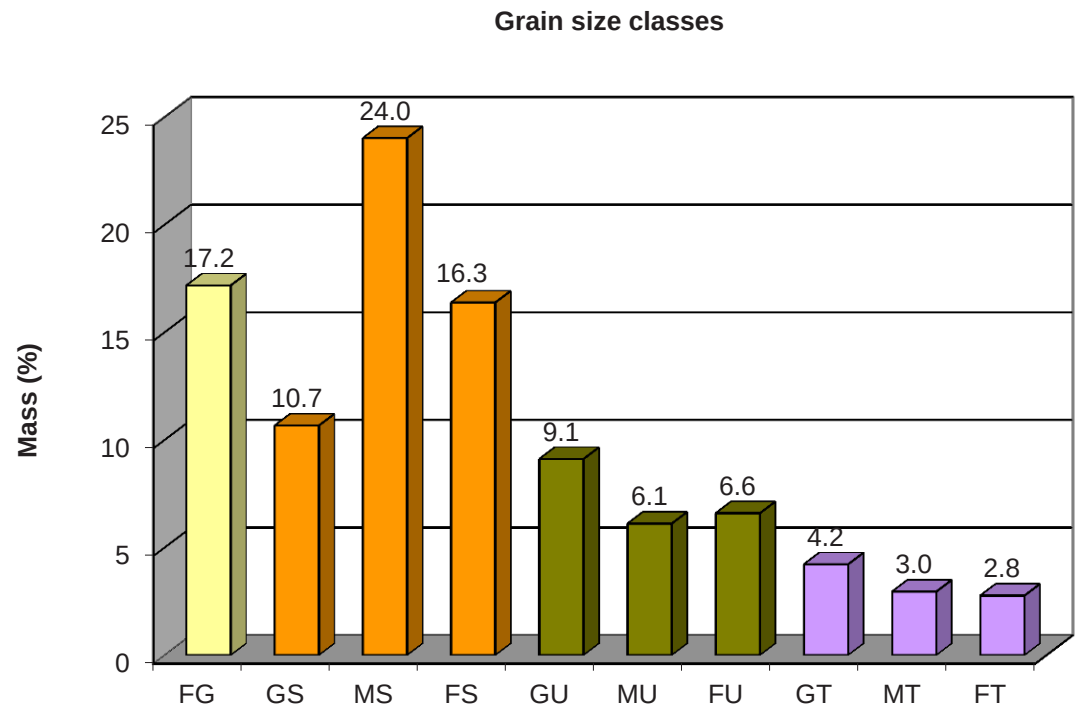
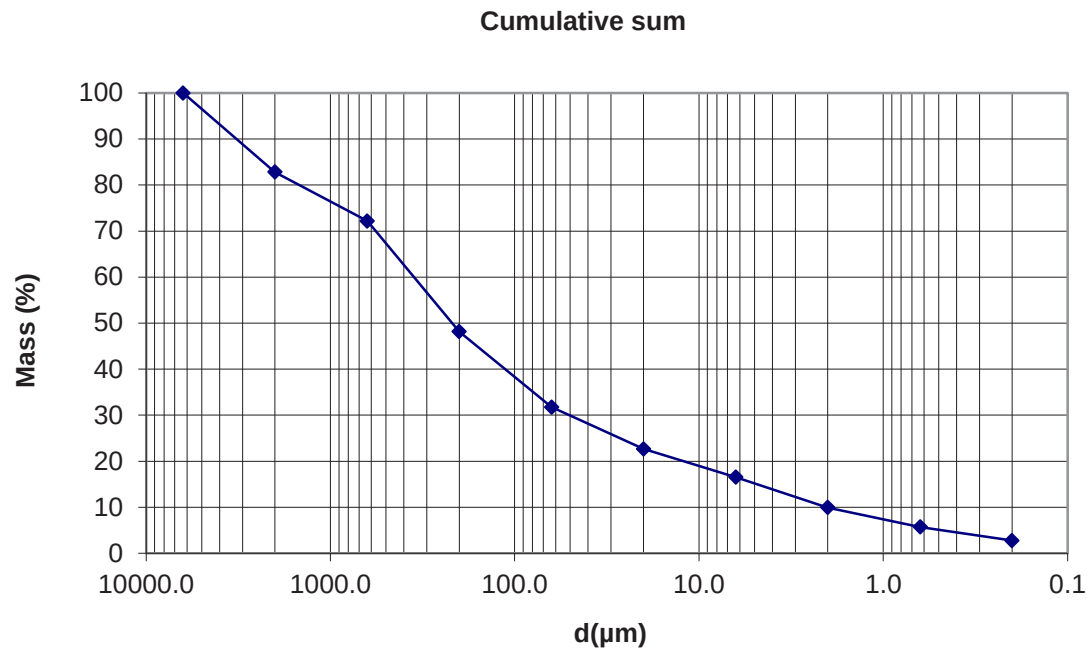
11946 – Basgo
Lotsāba Lhakhang. Interior wall plaster.



GSD 3.6 Basgo. Lotsāba Lhakhang. Sample 11946. Interior wall plaster.

Top: Cumulative sum. Bottom: Grain size classes.

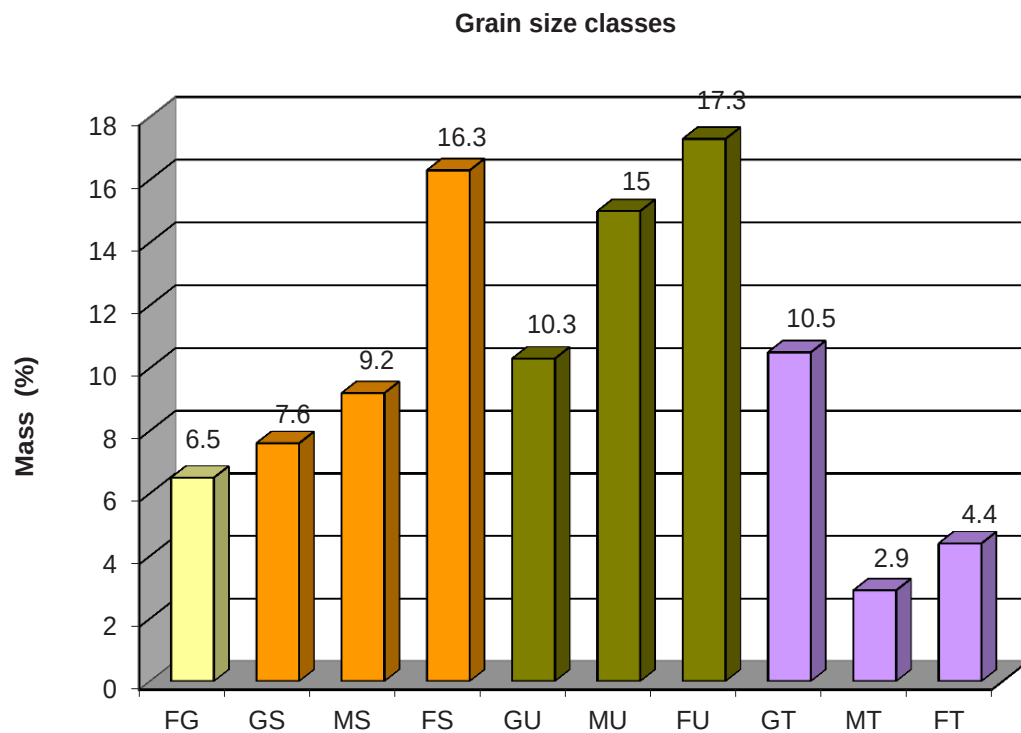
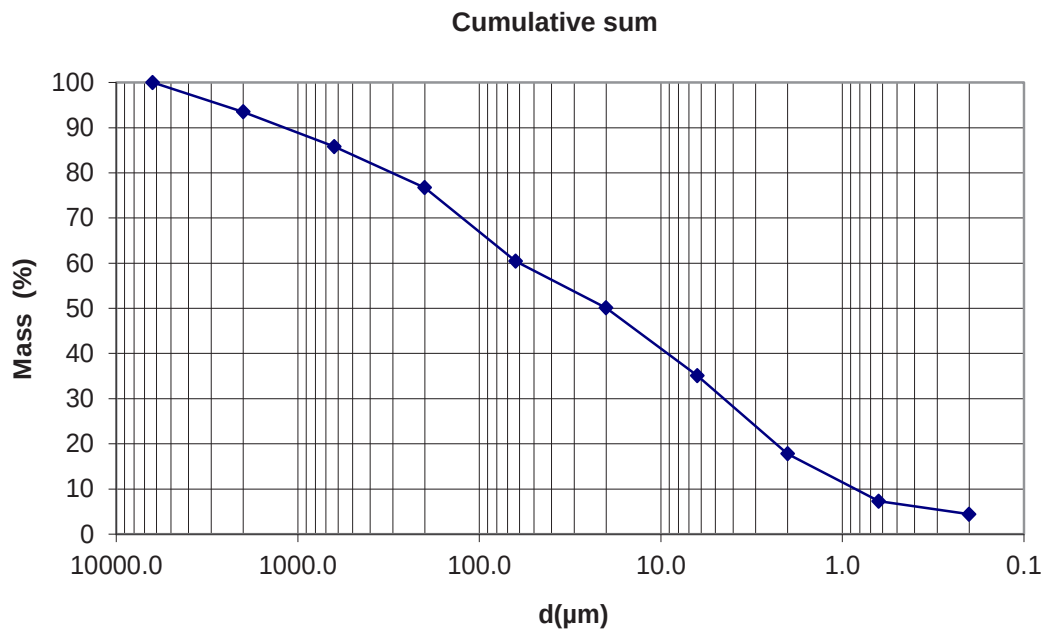
11948 – Basgo
Lotsāba Lhakhang. Adobe brick.



GSD 3.7 Basgo. Lotsāba Lhakhang. Sample 11948. Adobe brick. Top: Cumulative sum. Bottom: Grain size classes.

8475 – Basgo

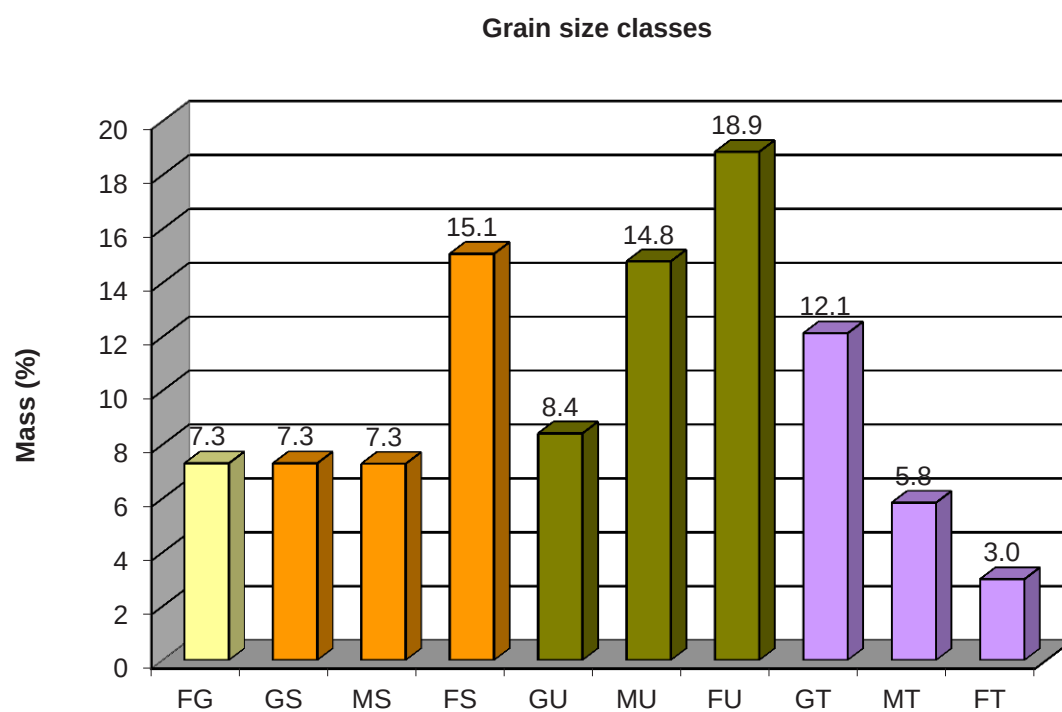
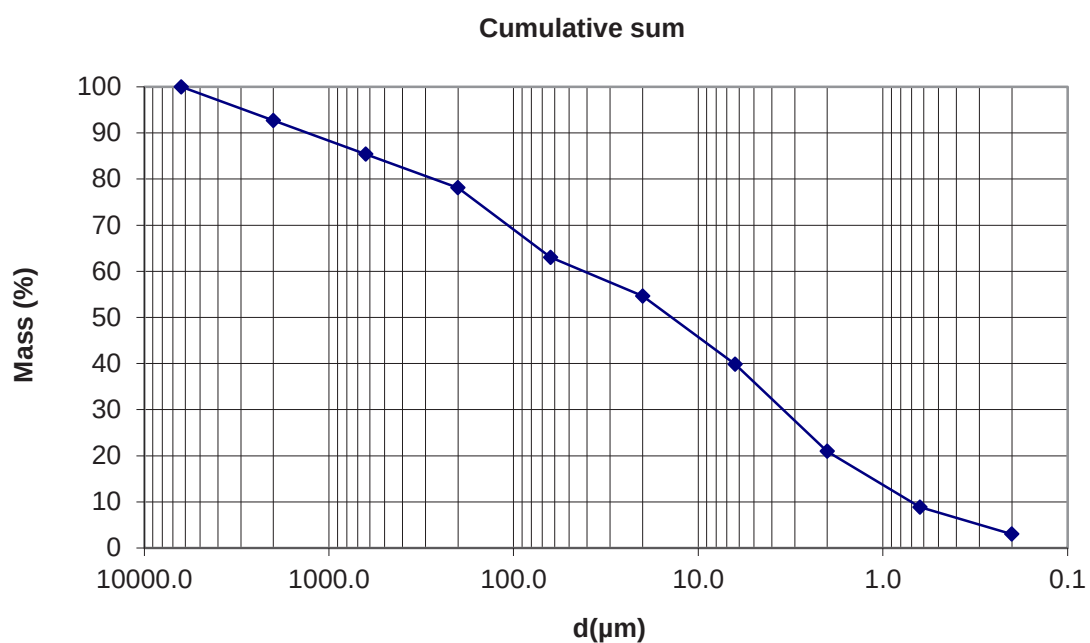
'Lhakhang close to the road'. Interior wall plaster.



GSD 3.8 Basgo. 'Lhakhang close to the road'. Sample 8475. Interior wall plaster.

Top: Cumulative sum. Bottom: Grain size classes.

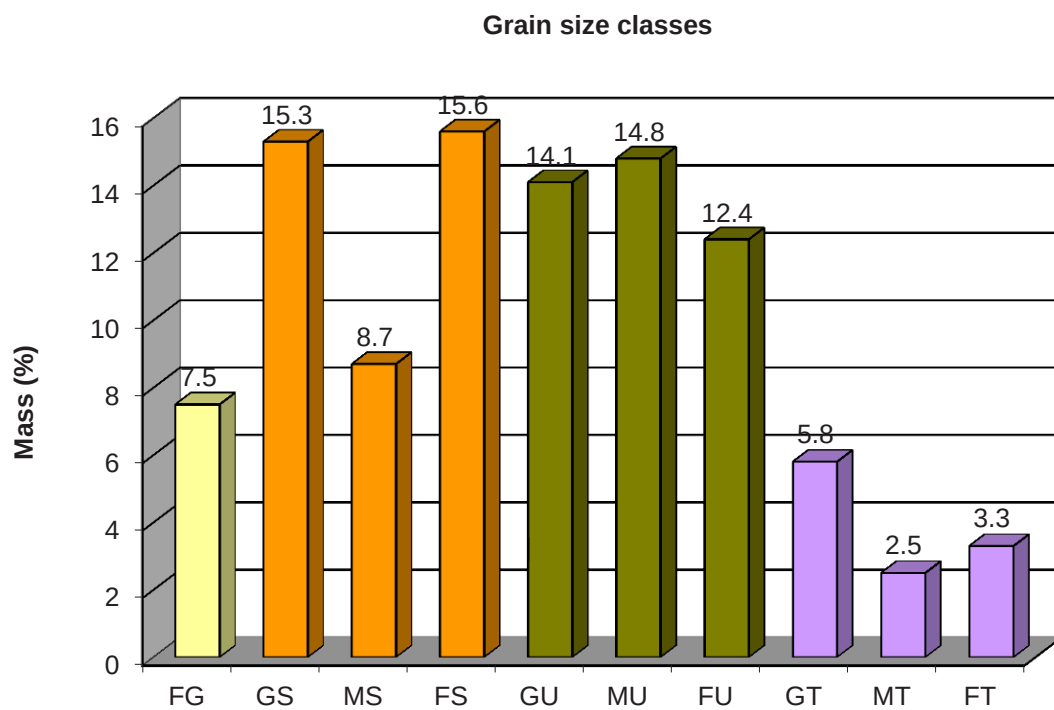
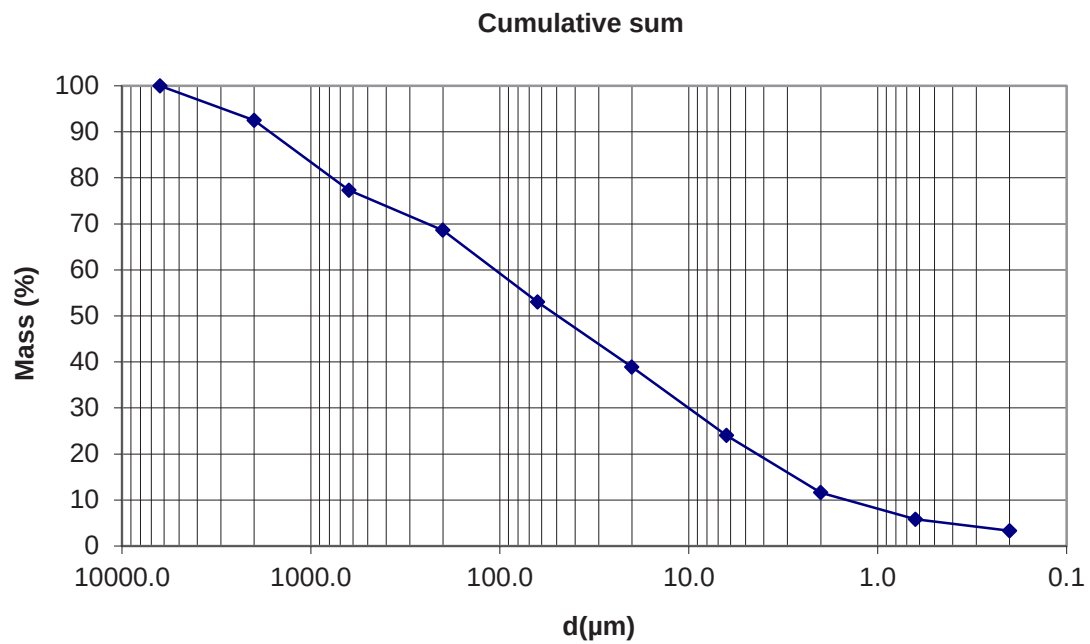
11928 – Basgo
'Lhakhang close to the road'. Interior wall plaster.



GSD 3.9 Basgo. 'Lhakhang close to the road'. Sample 11928. Interior wall plaster. Top: Cumulative sum. Bottom: Grain size classes.

8499 – Basgo

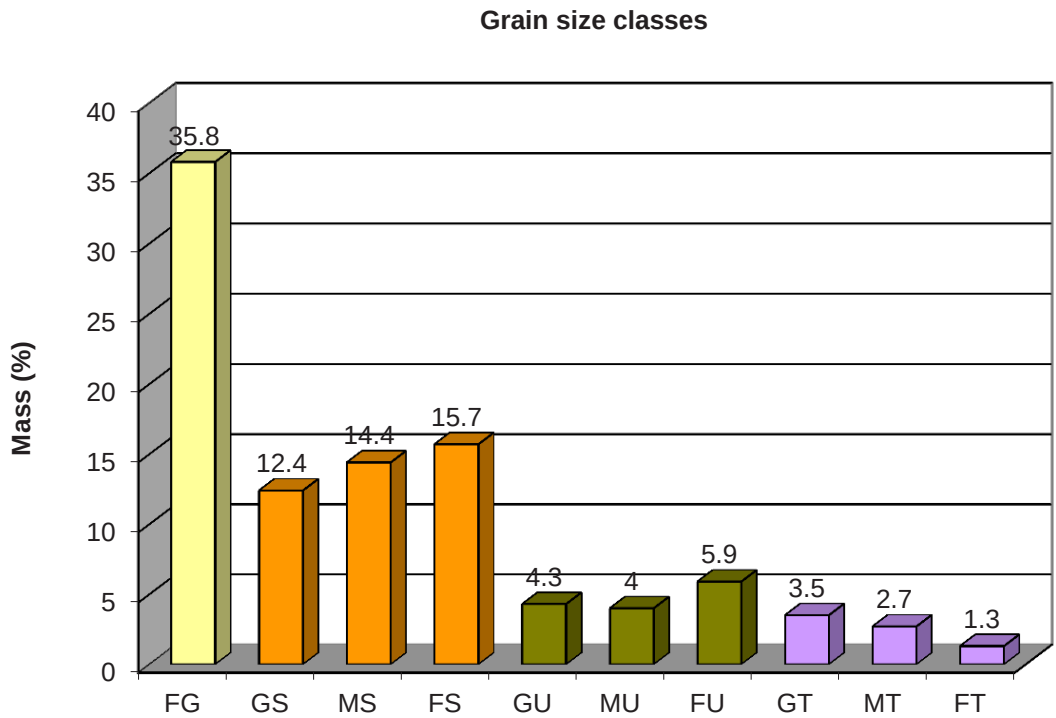
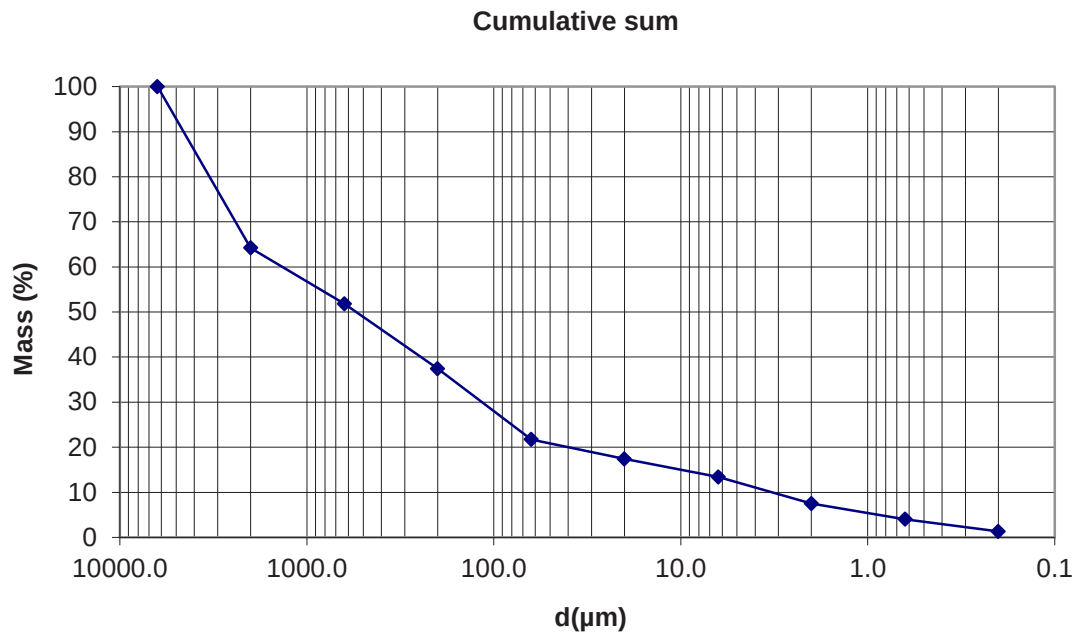
'Lhakhang close to the road'. Exterior wall plaster.



GSD 3.10 Basgo. 'Lhakhang close to the road'. Sample 8499. Exterior wall plaster.

Top: Cumulative sum. Bottom: Grain size classes.

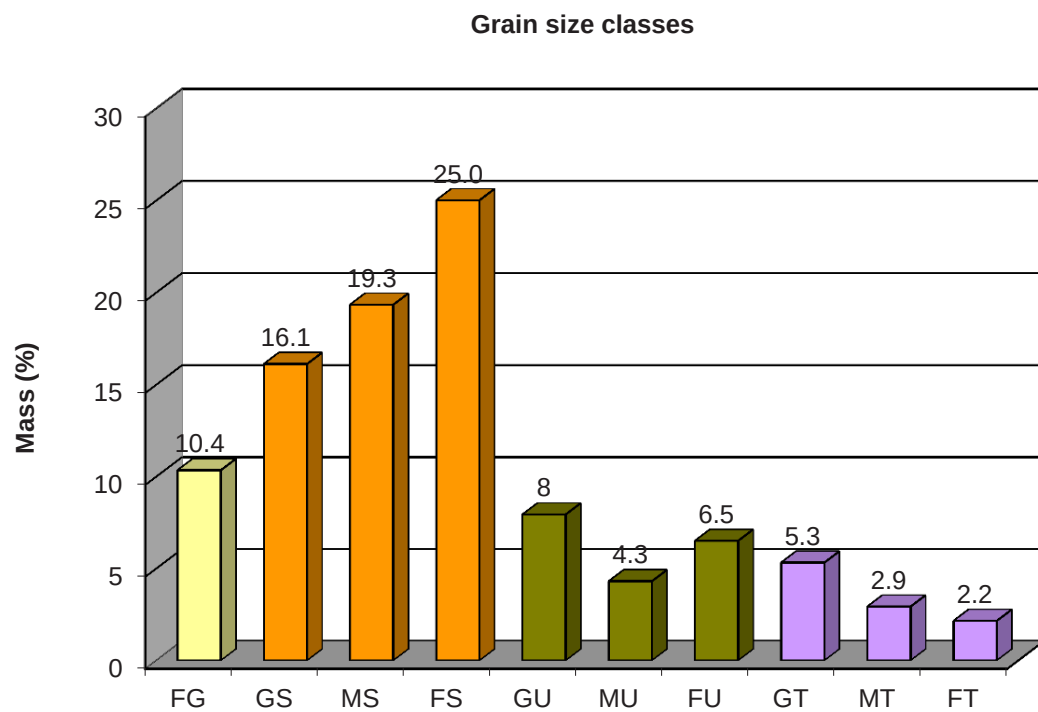
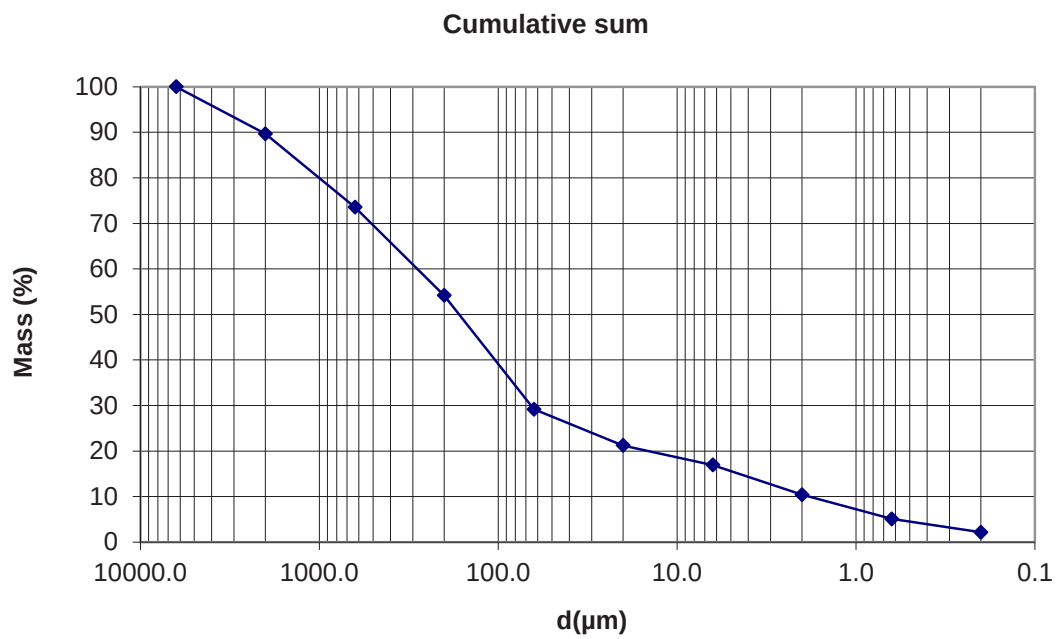
8472 – Basgo
'*Lhakhang* close to the road'. Adobe brick.



GSD 3.11Basgo. '*Lhakhang* close to the road'. Sample 8472. Adobe brick.
Top: Cumulative sum. Bottom: Grain size classes.

11933 – Basgo

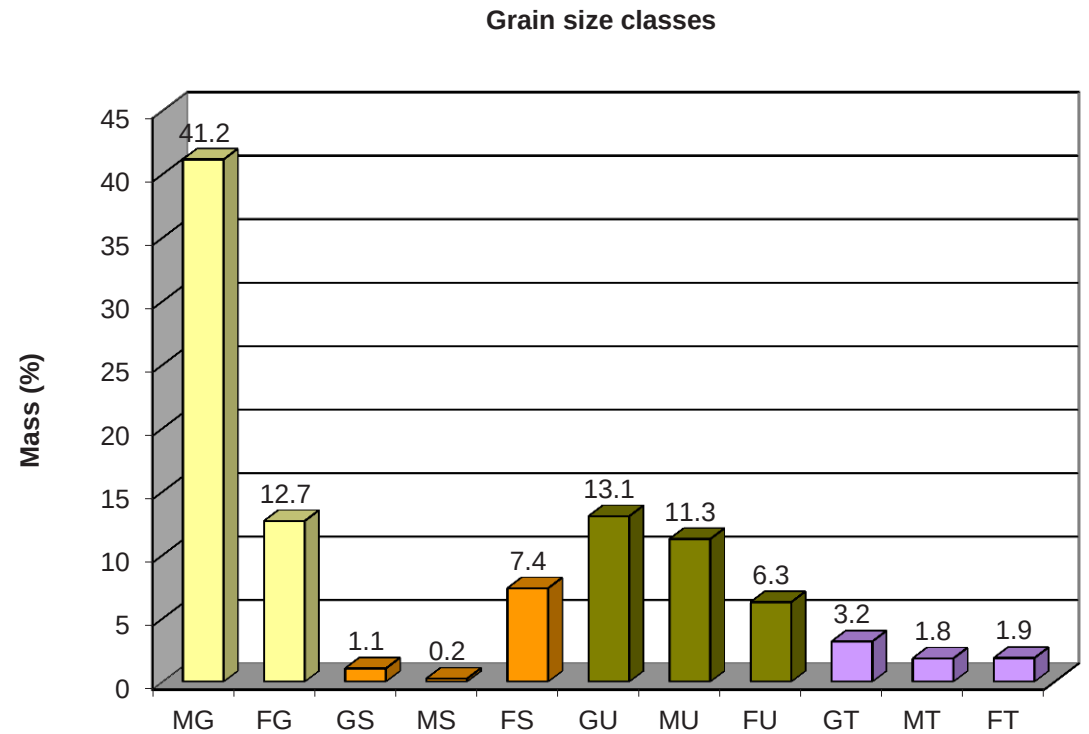
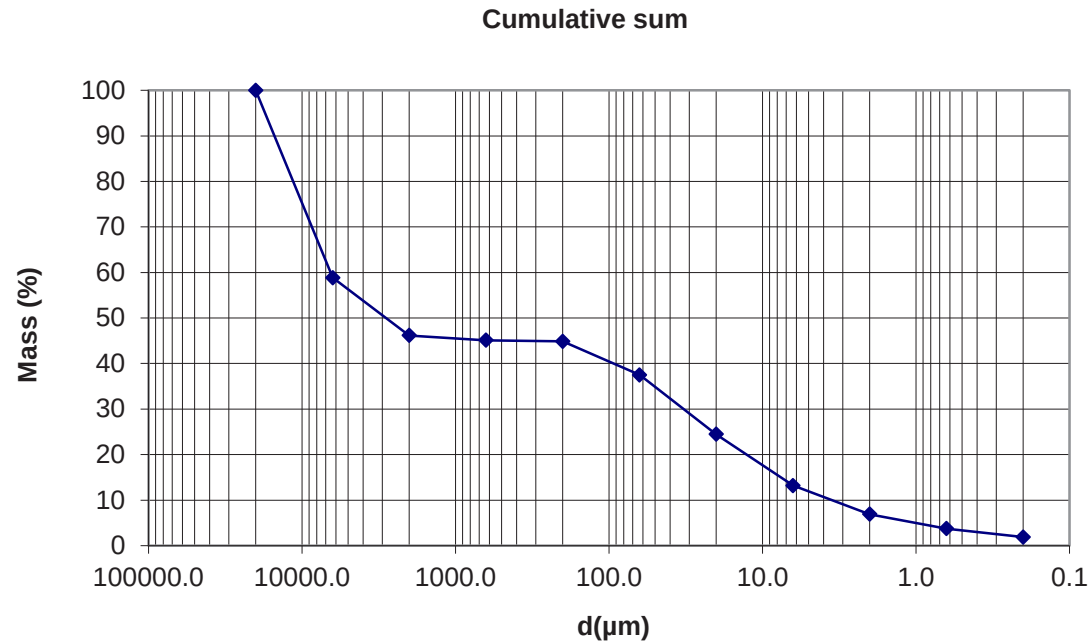
'Lhakhang close to the road'. Adobe brick.



GSD 3.12 Basgo. 'Lhakhang close to the road'. Sample 11933. Adobe brick.

Top: Cumulative sum. Bottom: Grain size classes.

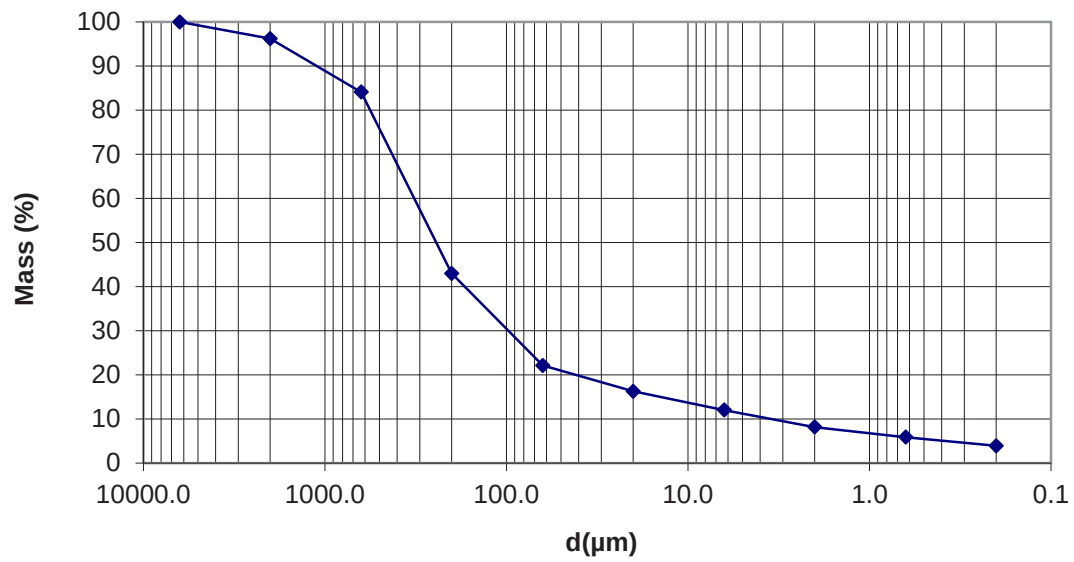
15410 – Basgo
Building raw material. *Dzasa*.



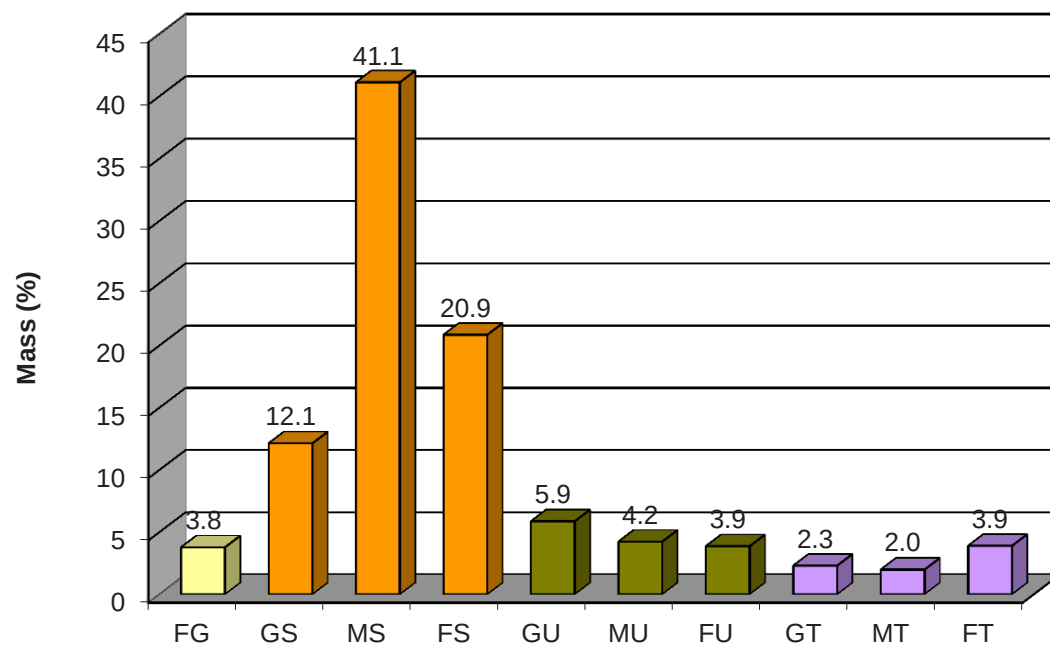
GSD 3.13 Basgo. Sample 15410. Building raw material. *Dzasa*.
Top: Cumulative sum. Bottom: Grain size classes.

11915 – Basgo
Building raw material. *Thetsa*.

Cumulative sum

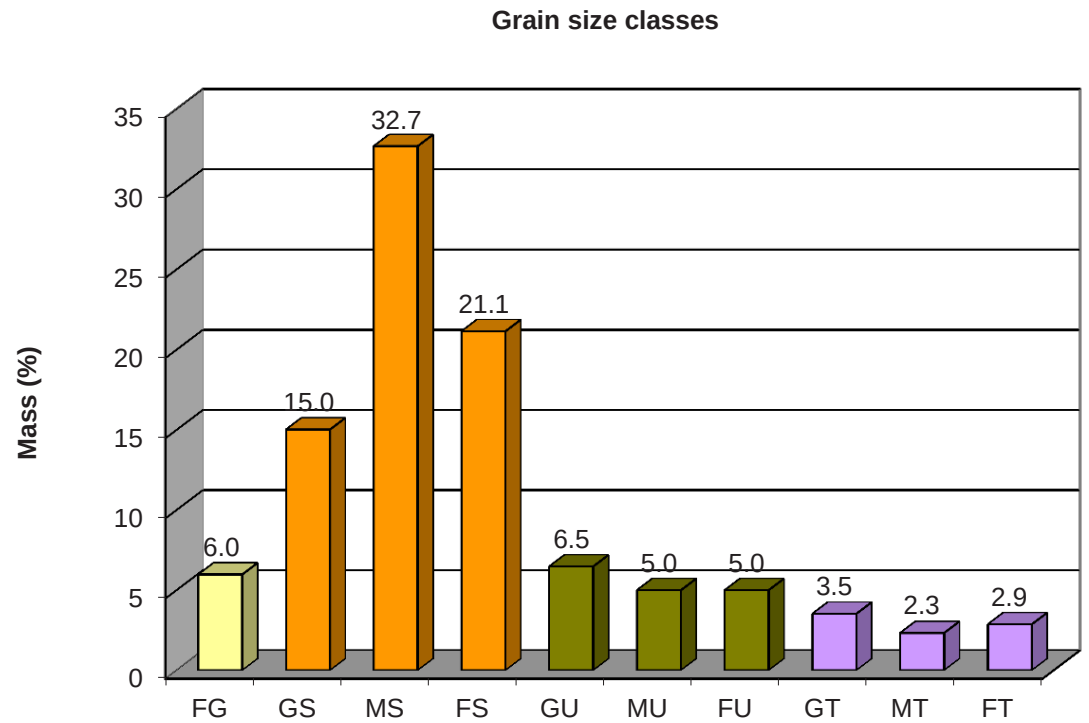
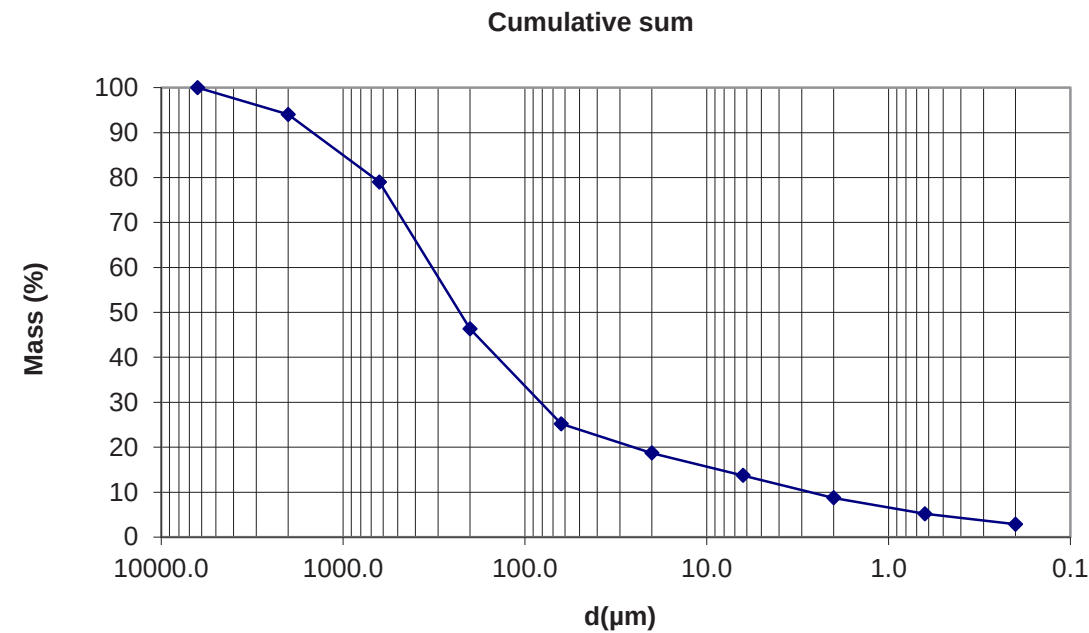


Grain size classes



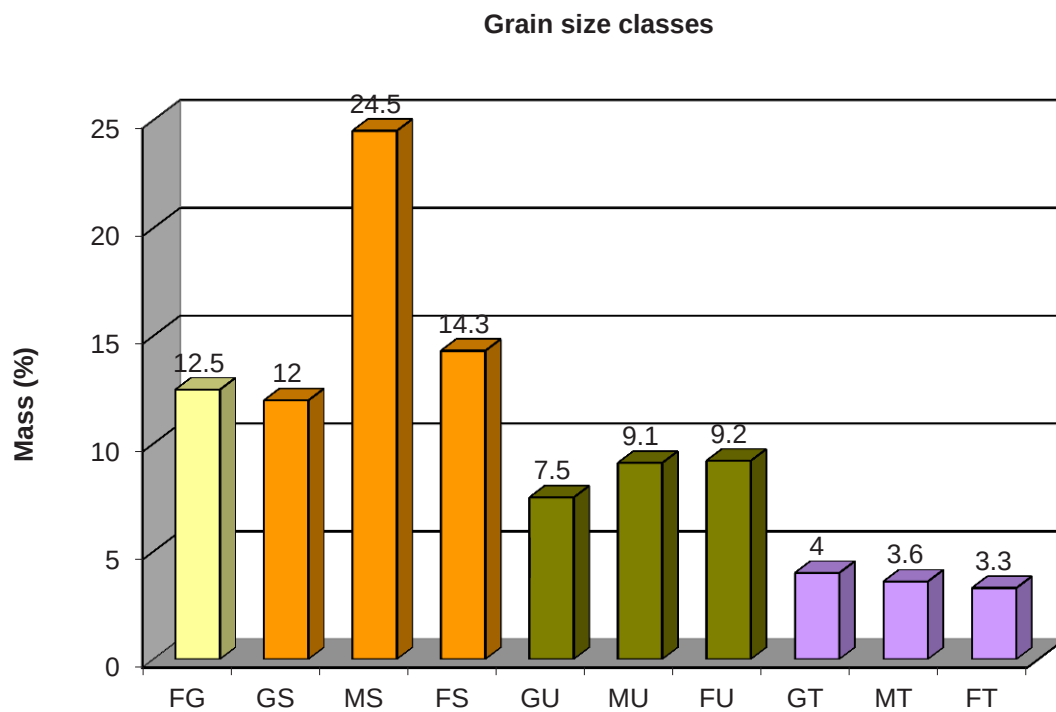
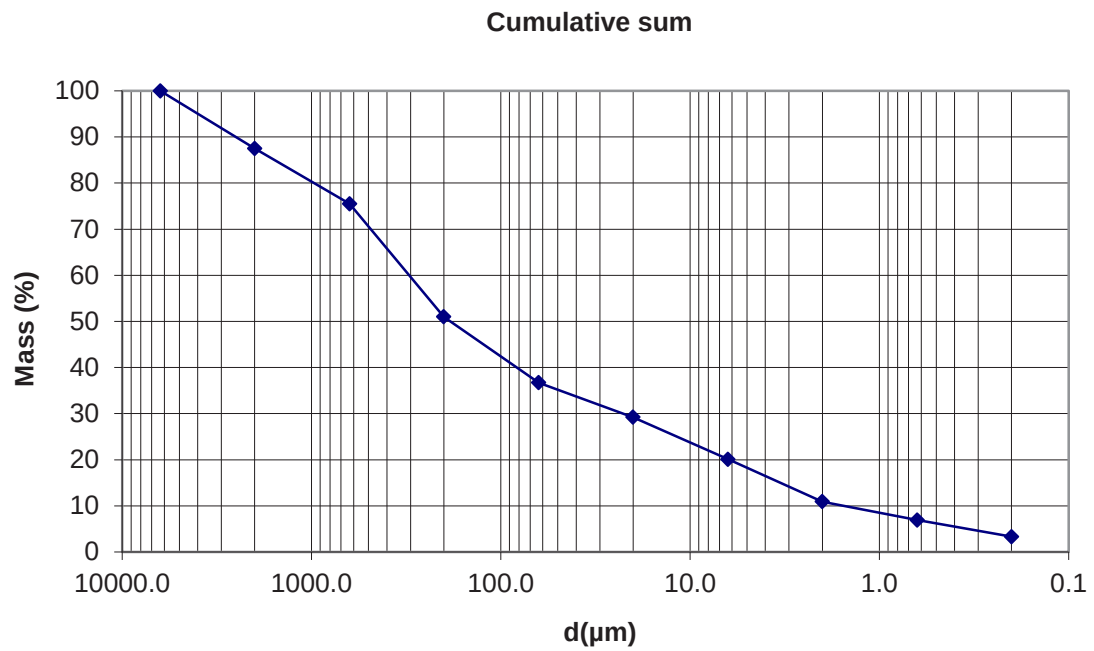
GSD 3.14 Basgo. Sample 11915. Building raw material. *Thetsa*. Top: Cumulative sum. Bottom: Grain size classes.

15411 – Basgo
Building raw material. *Thetsa*.



GSD 3.15 Basgo. Sample 15411. Building raw material. *Thetsa*. Top: Cumulative sum. Bottom: Grain size classes.

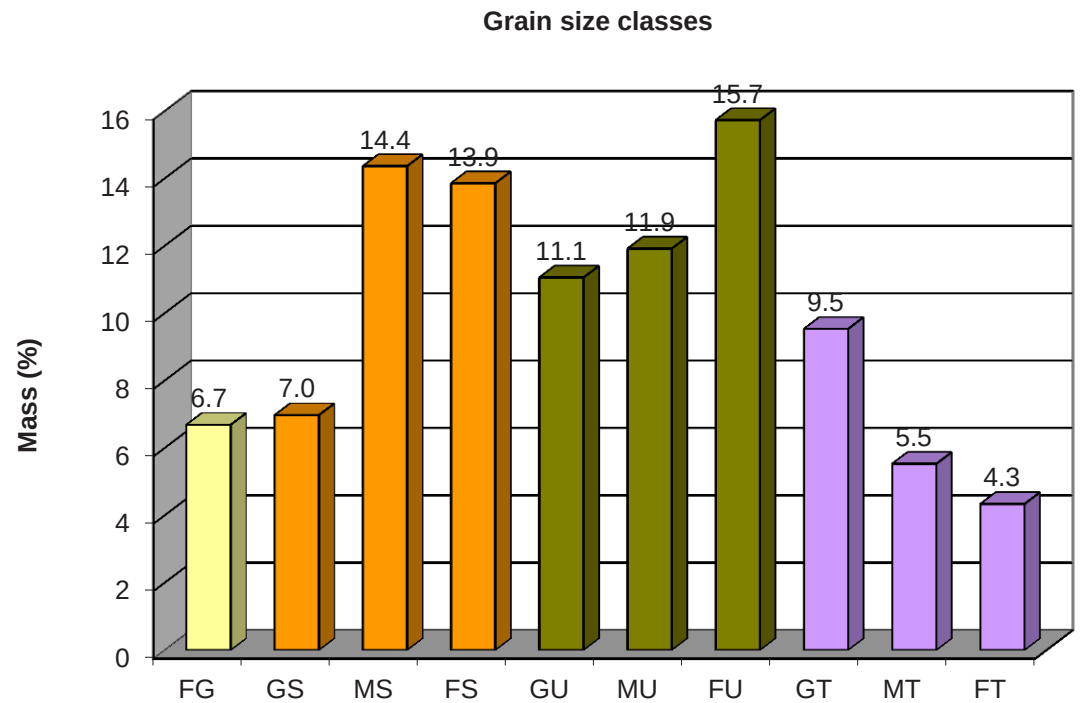
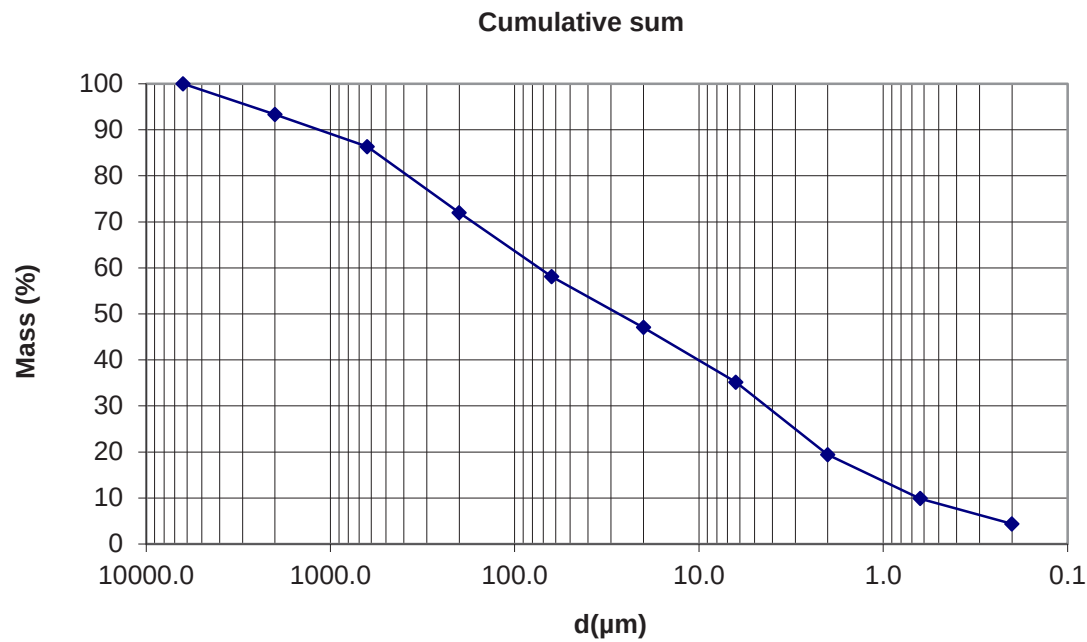
8465 – Basgo
Building raw material. *Thetsa* and *dzasa*.



GSD 3.16 Basgo. Sample 8465. Building raw material. *Thetsa* and *Dzasa* mixed.

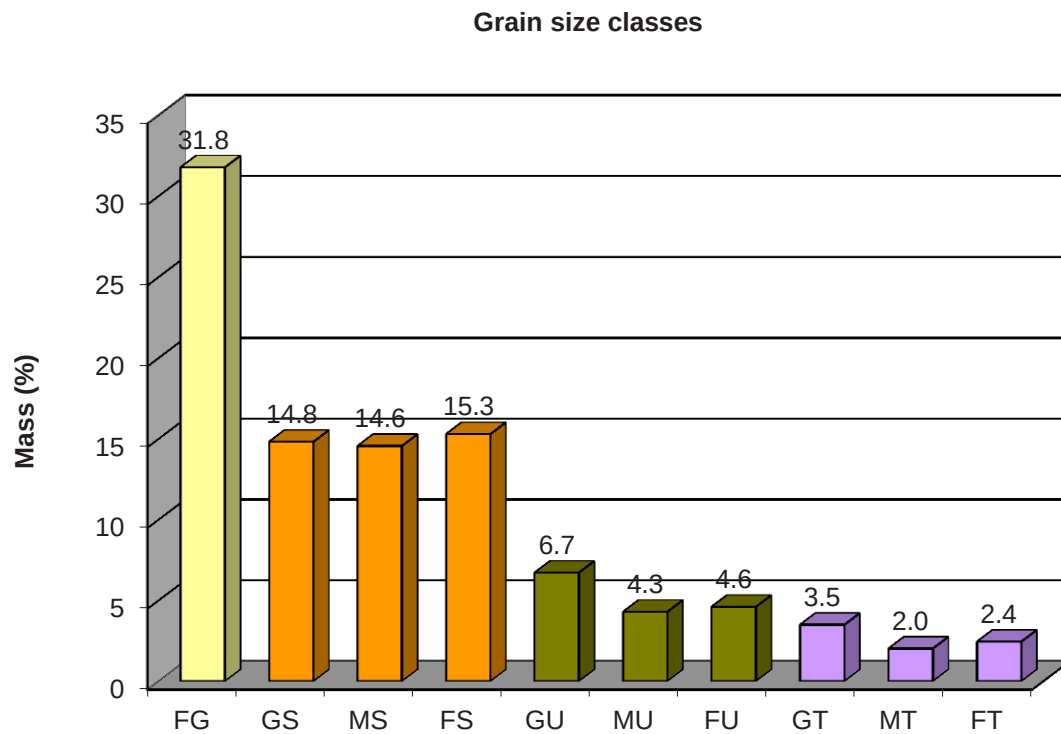
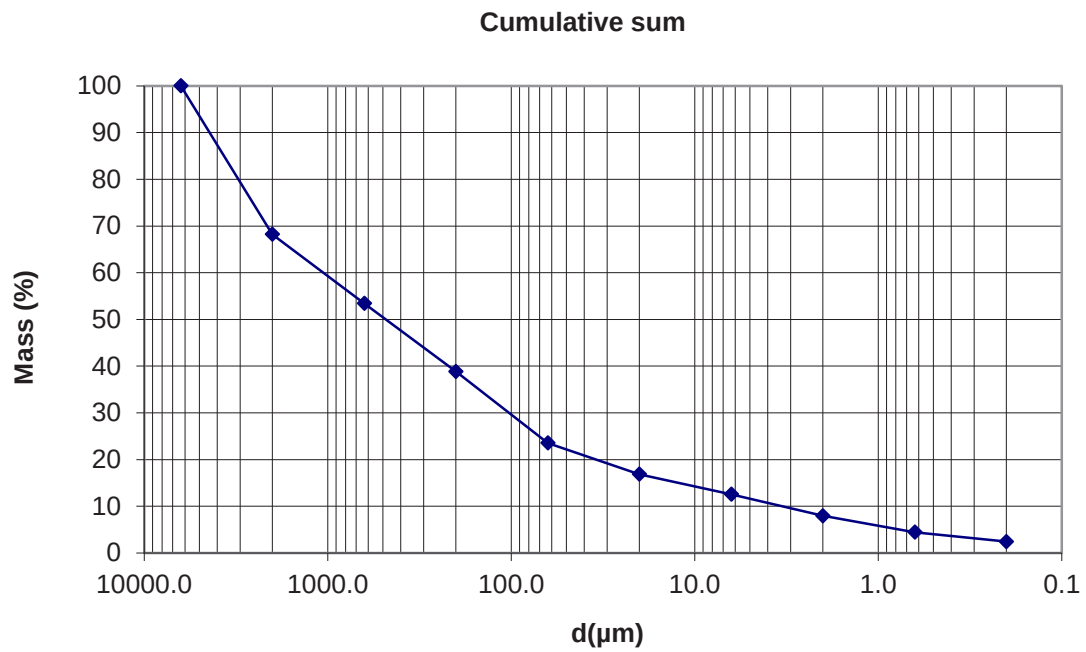
Top: Cumulative sum. Bottom: Grain size classes.

11952 – Basgo
Building raw material. Adobe brick.



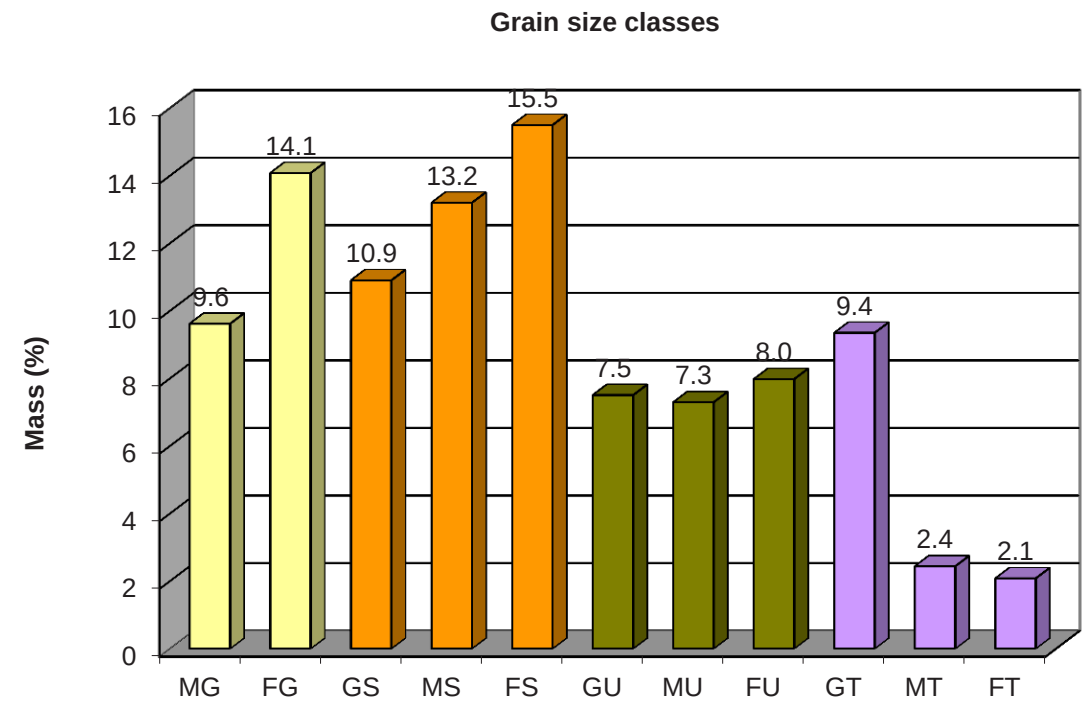
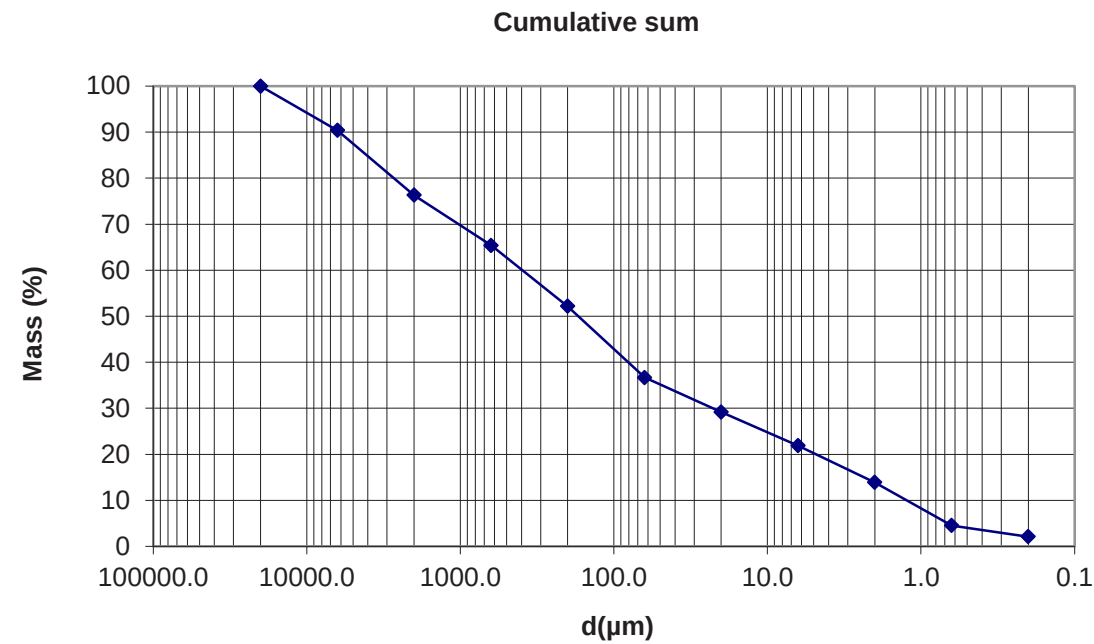
GSD 3.17 Basgo. Sample 11952. Building raw material. Adobe brick.
Top: Cumulative sum. Bottom: Grain size classes.

11748 – Tunlung
Clay stove. *Thabsa*.



GSD 3.18 Tunlung, Sample 11748. Clay stove. *Thabsa*. Top: Cumulative sum. Bottom: Grain size classes.

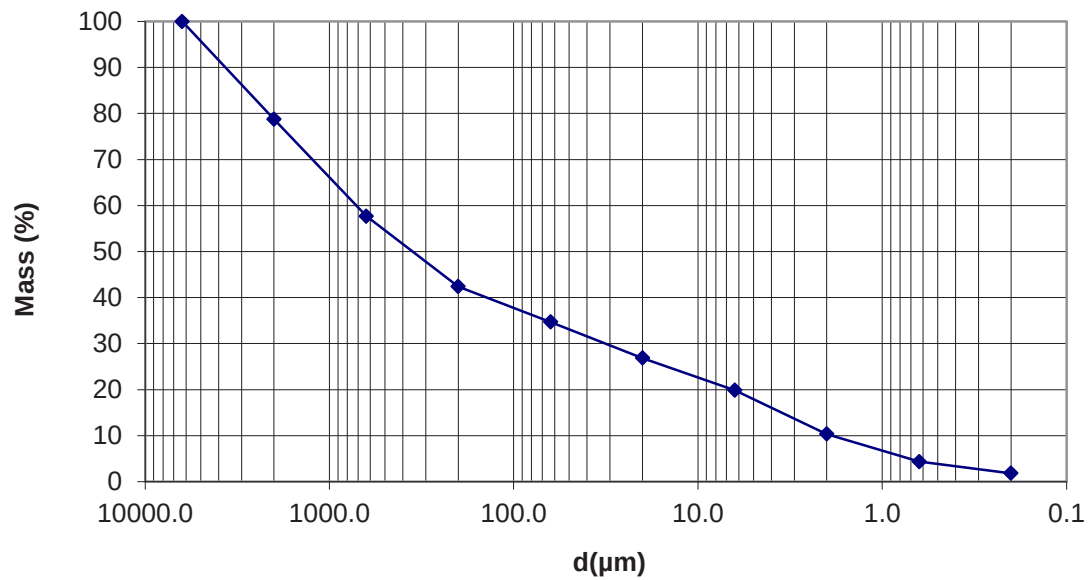
15412 – Tunlung
Clay stove. *Thabsa*.



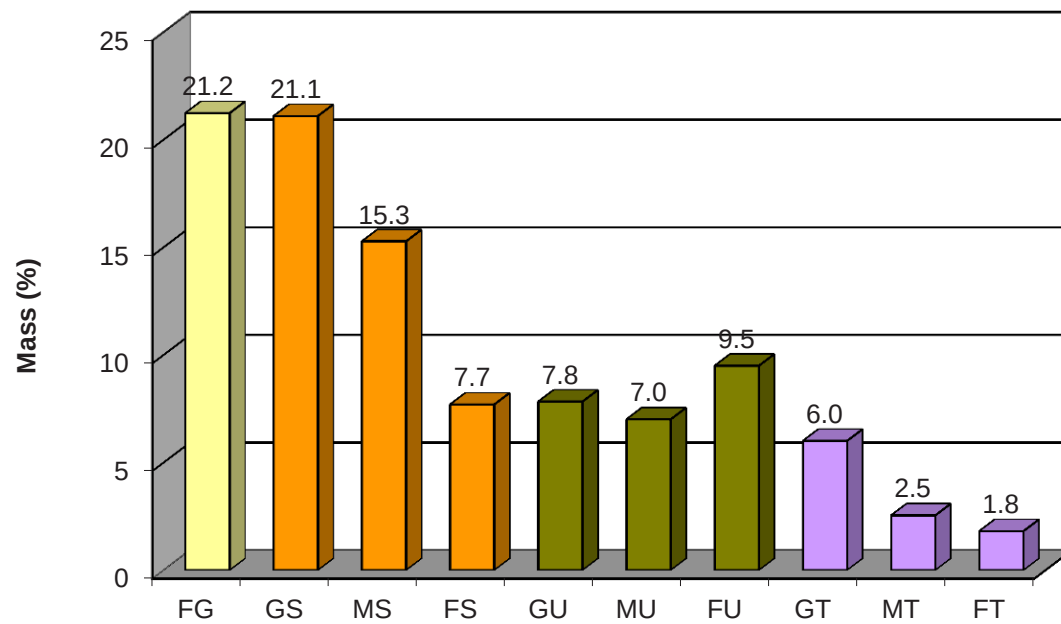
GSD 3.19 Tunlung, Sample 15412. Clay stove. *Thabsa*. Top: Cumulative sum. Bottom: Grain size classes.

11919 – Ne
Clay stove. *Thabsa*.

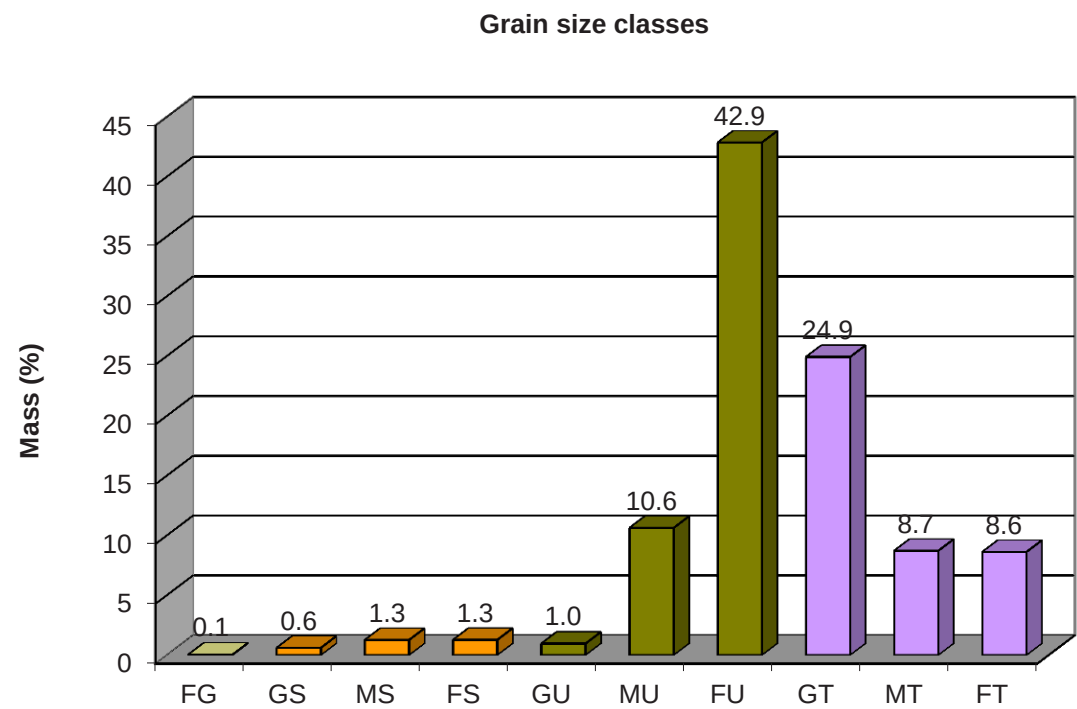
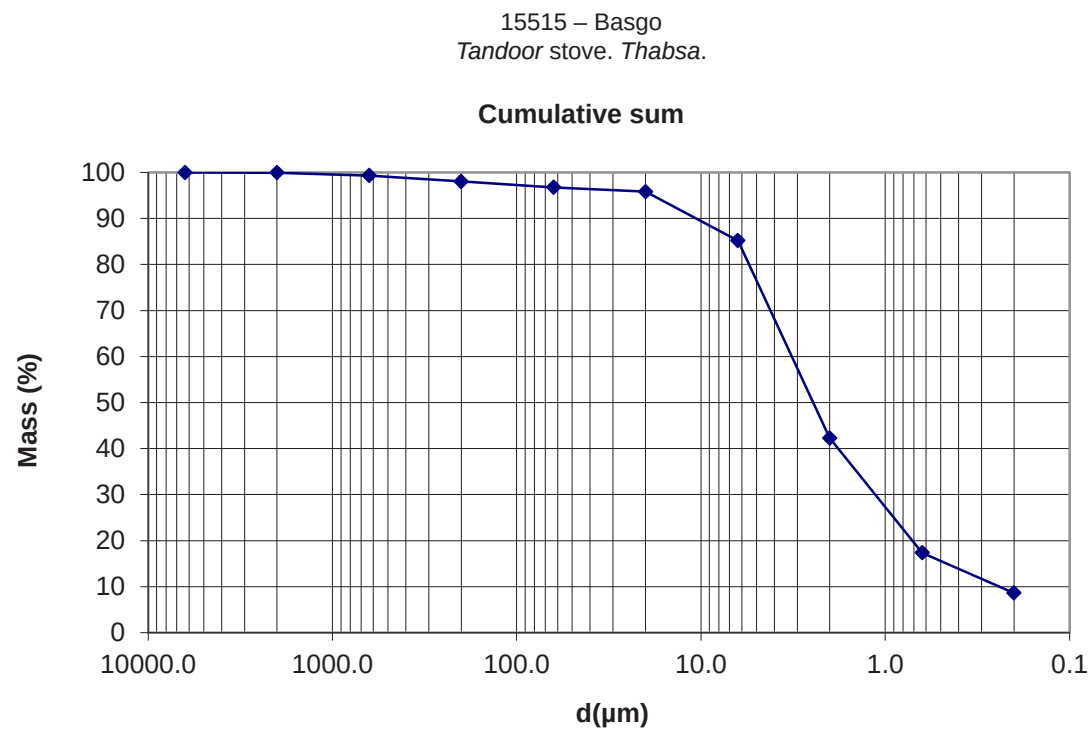
Cumulative sum



Grain size classes

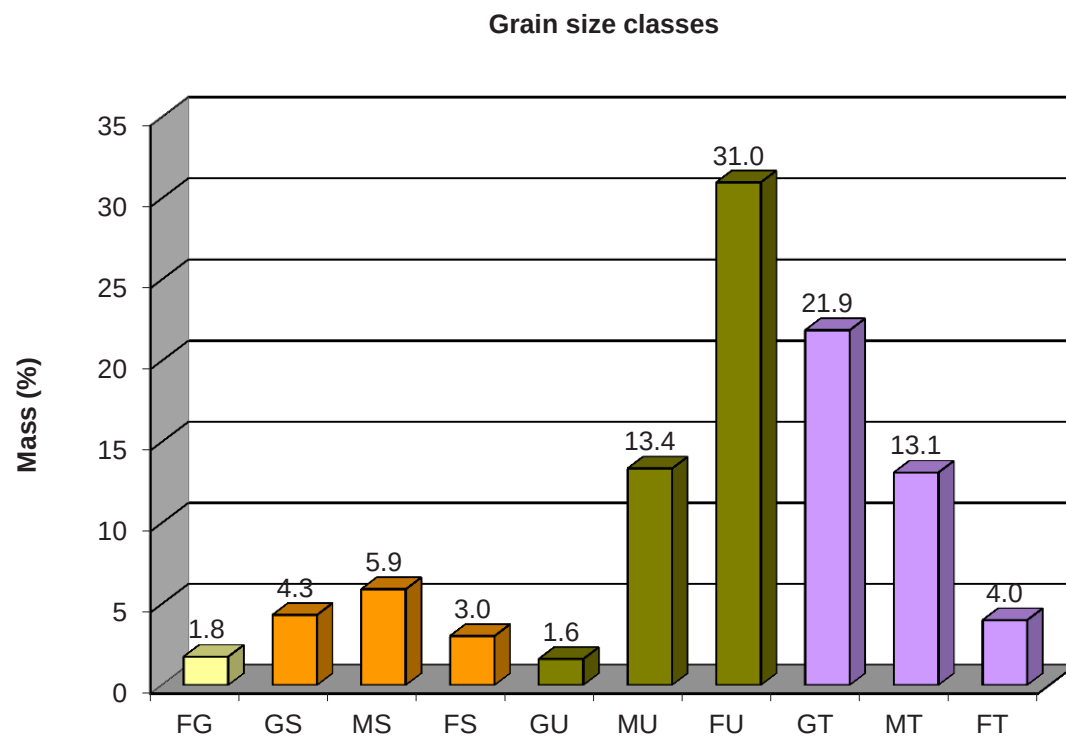
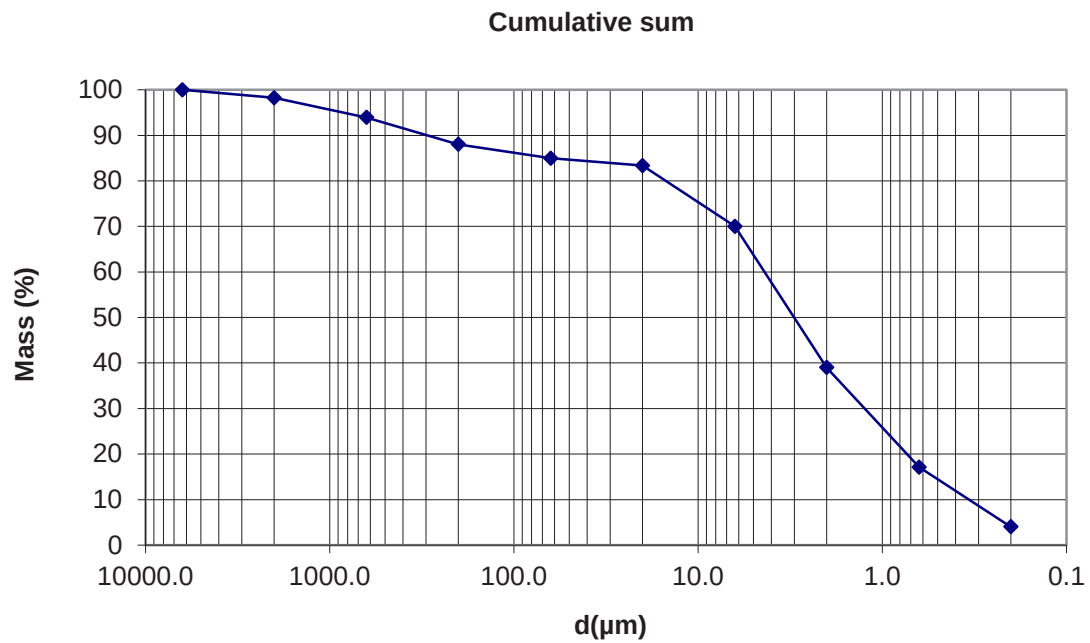


GSD 3.20 Ne. Sample 11919. Clay stove. *Thabsa*. Top: Cumulative sum. Bottom: Grain size classes.

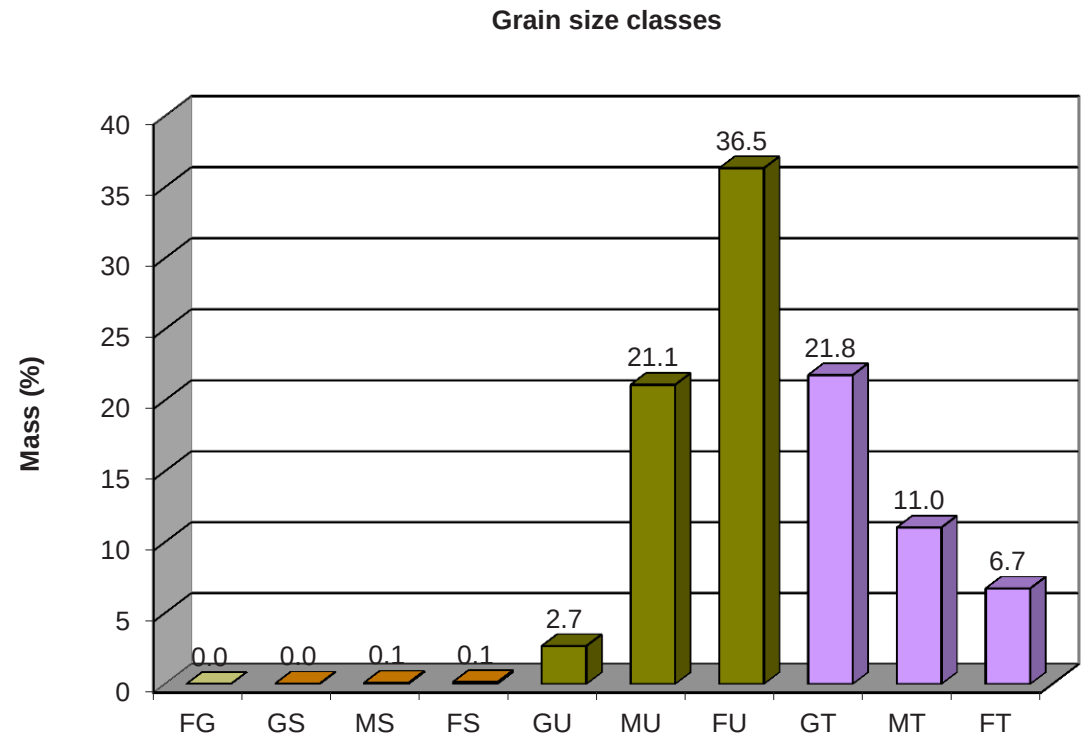
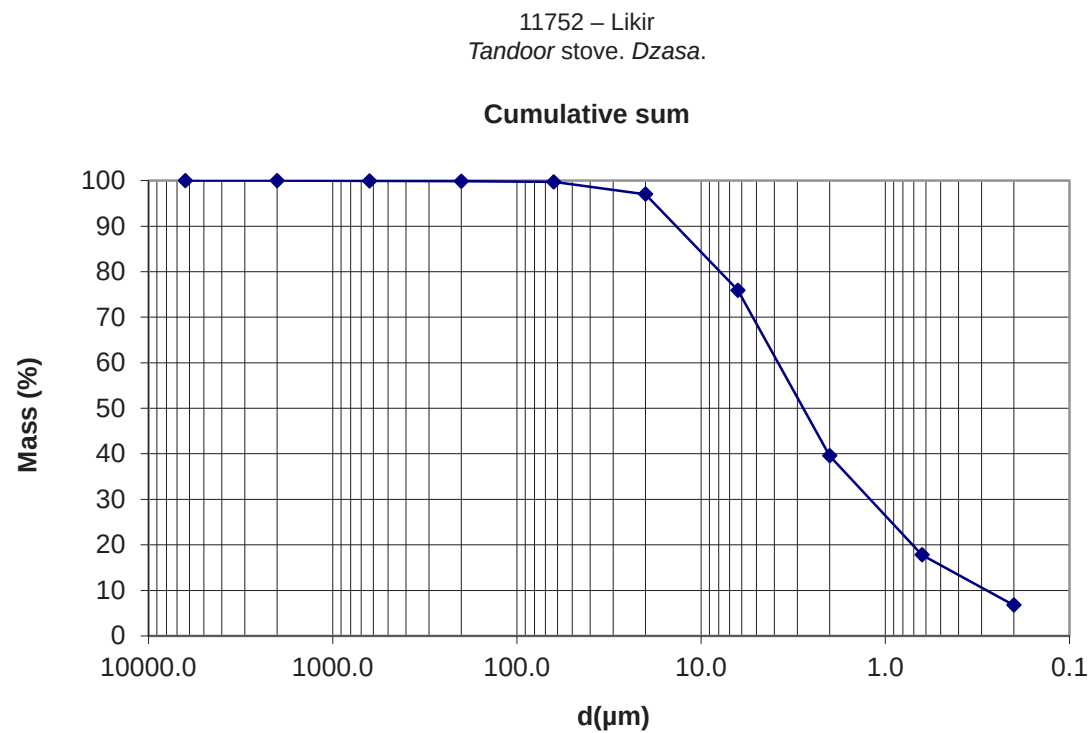


GSD 3.21 Ne. Sample 15515. *Tandoor stove. Thabsa.* Top: Cumulative sum. Bottom: Grain size classes.

11751 – Likir
Tandoor stove. Dzasa.

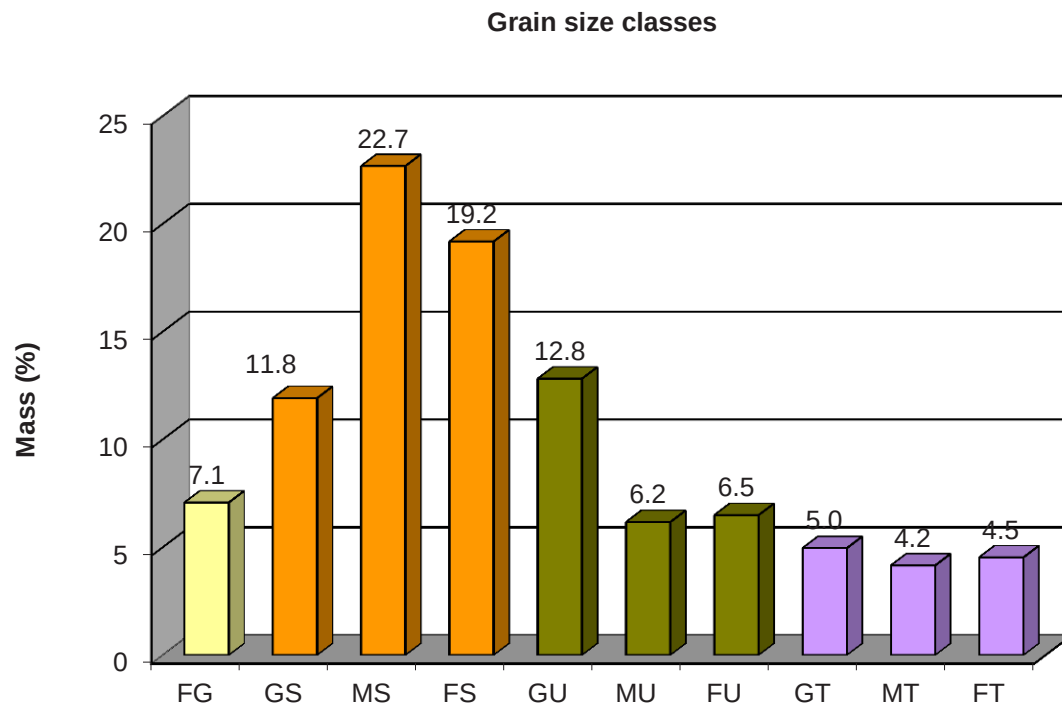
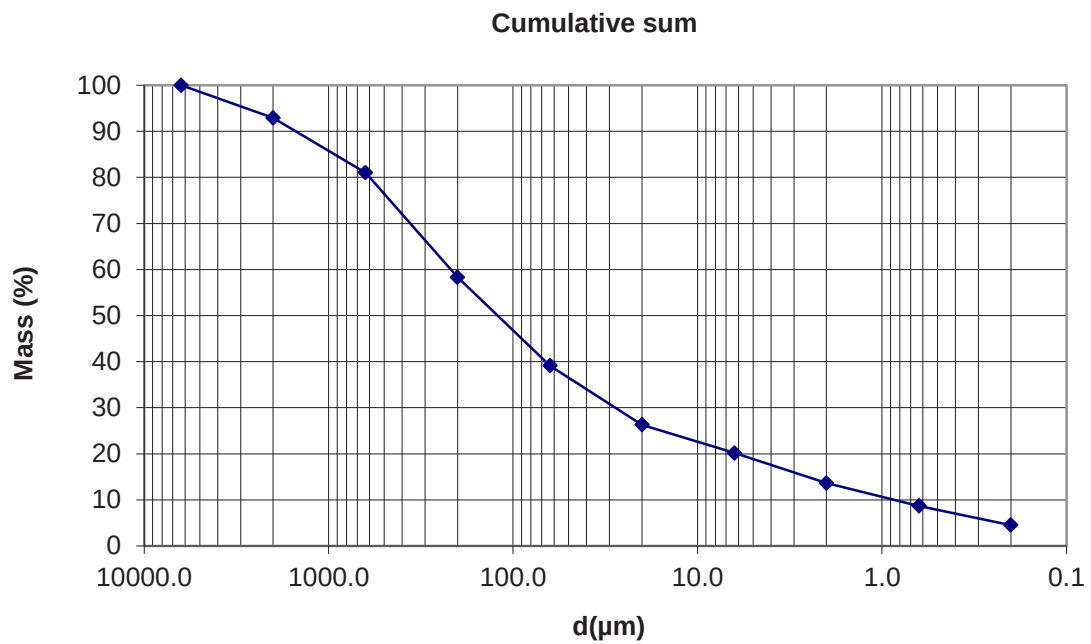


GSD 3.22 Likir, Sample 11751. Tandoor stove. Dzasa. Top: Cumulative sum. Bottom: Grain size classes.

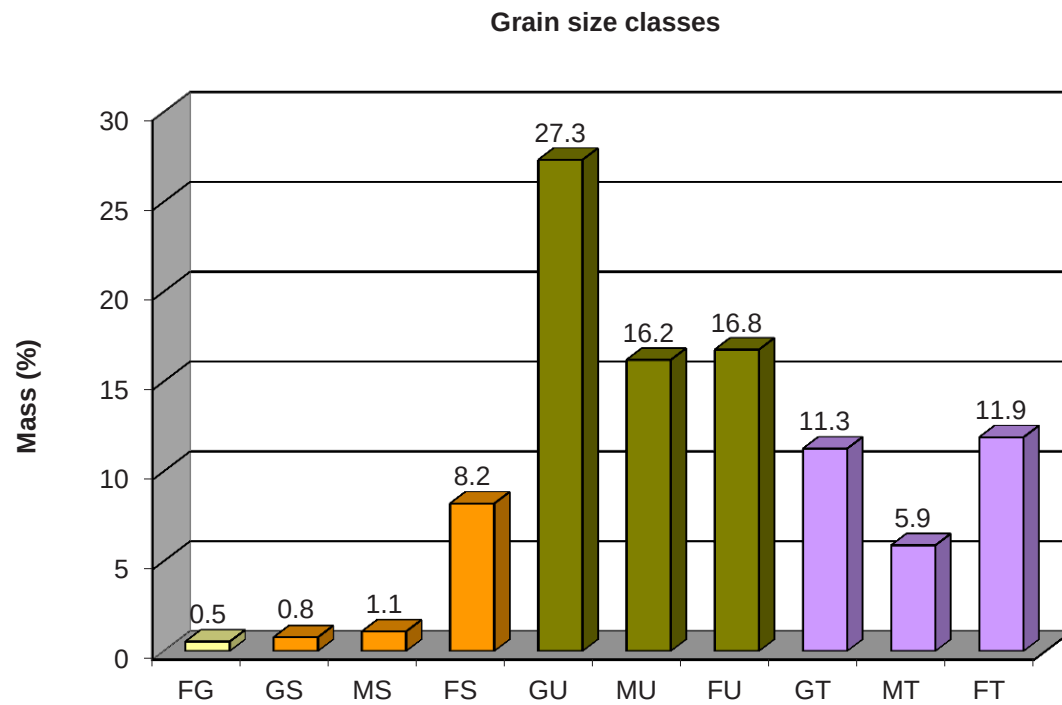
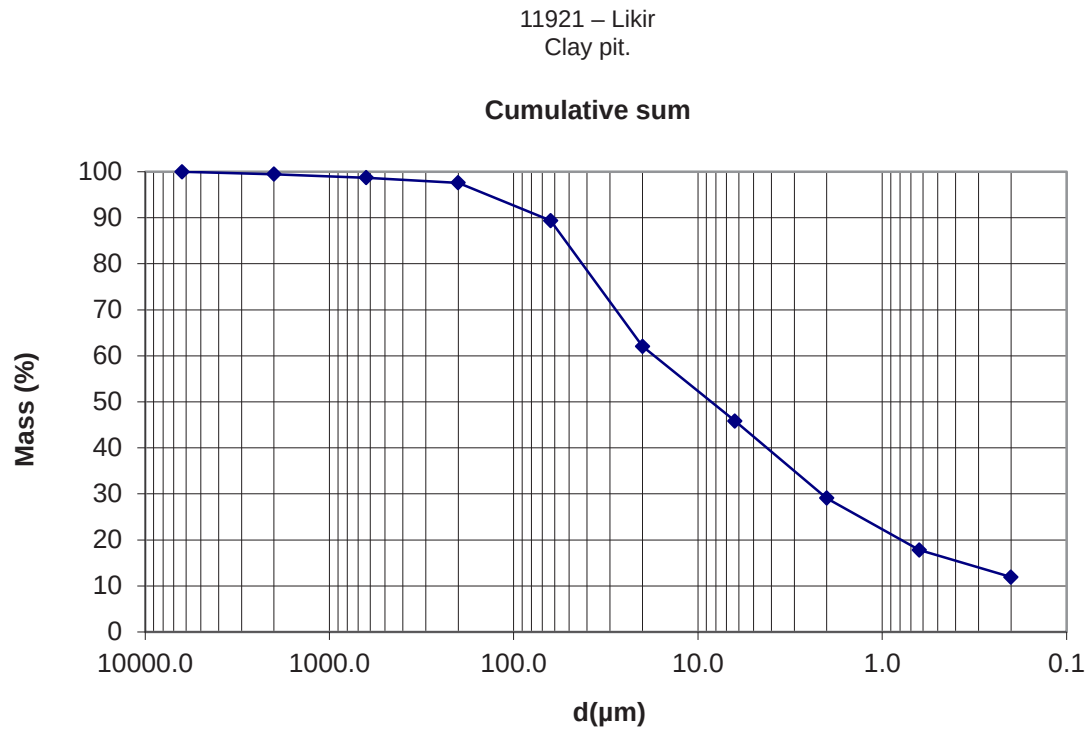


GSD 3.23 Likir. Sample 11752. *Thandoor stove. Dzasa.* Top: Cumulative sum. Bottom: Grain size classes.

11763 – Likir
Adobe brick.



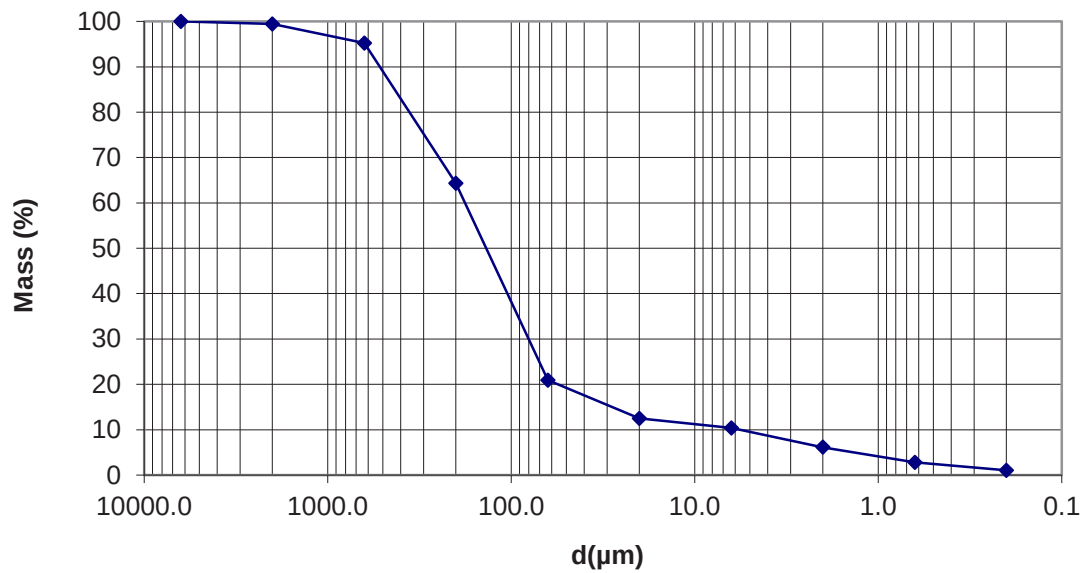
GSD 3.24 Likir, Sample 11763. Adobe brick. Top: Cumulative sum. Bottom: Grain size classes.



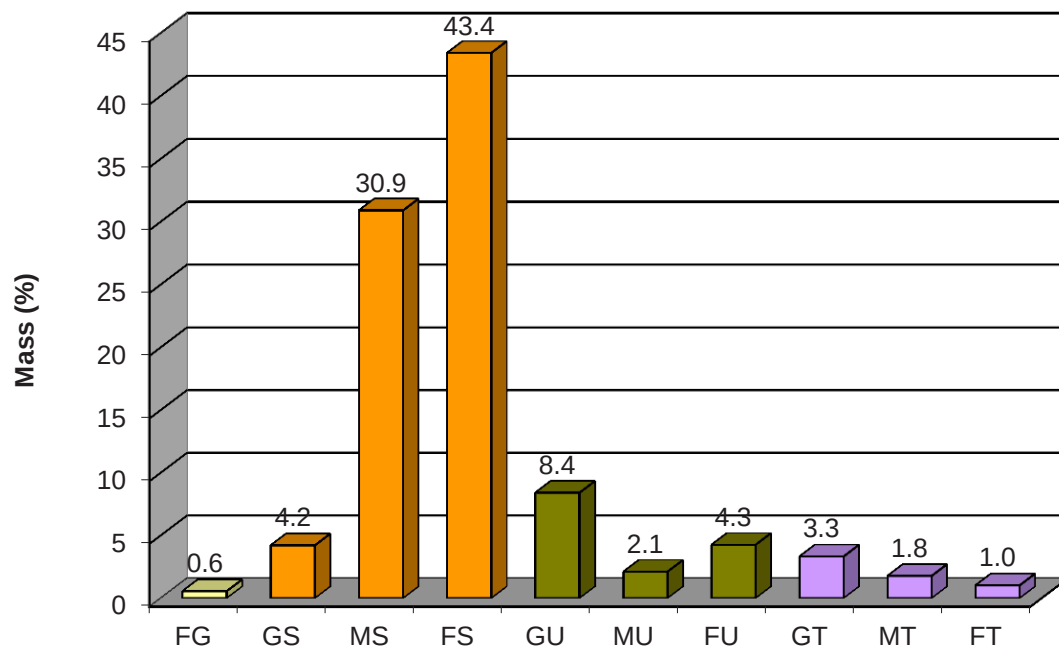
GSD 3.25 Likir. Sample 11921. Clay pit. Top: Cumulative sum. Bottom: Grain size classes.

11749 – Likir
Sand.

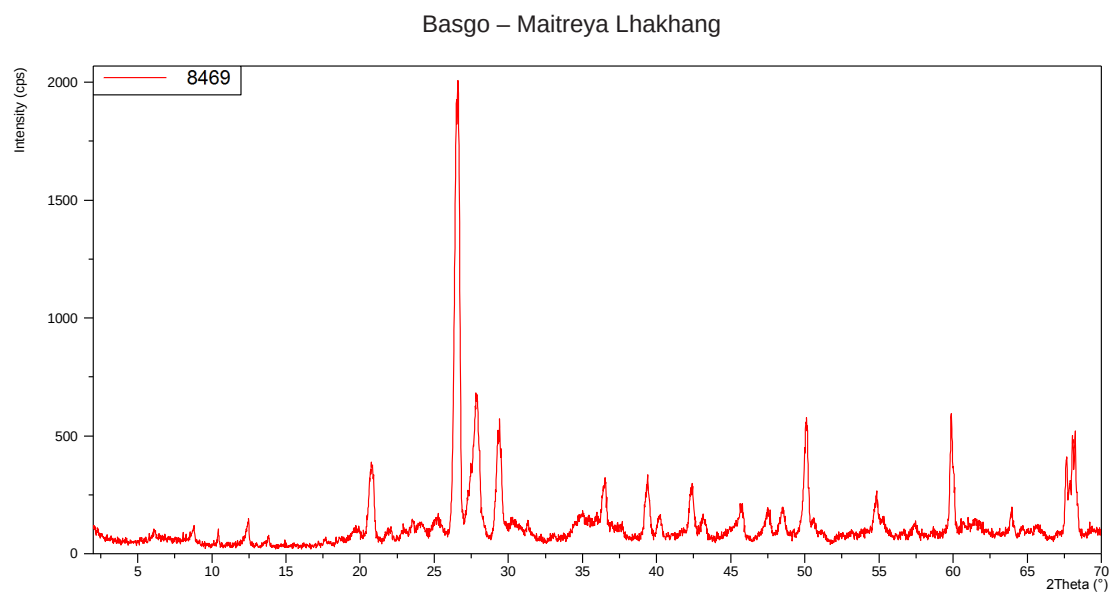
Cumulative sum



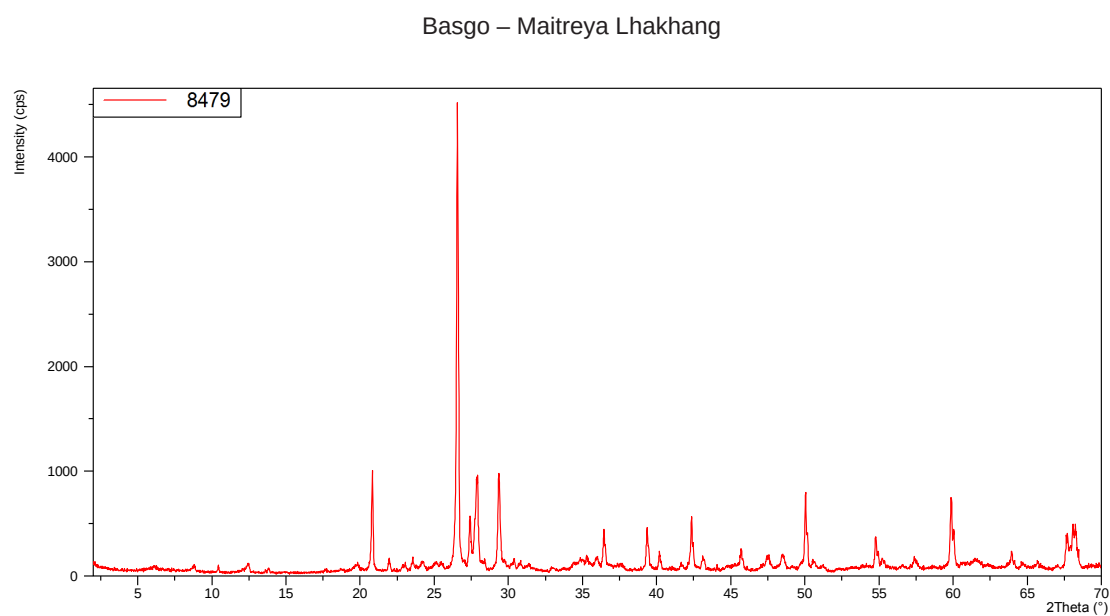
Grain size classes



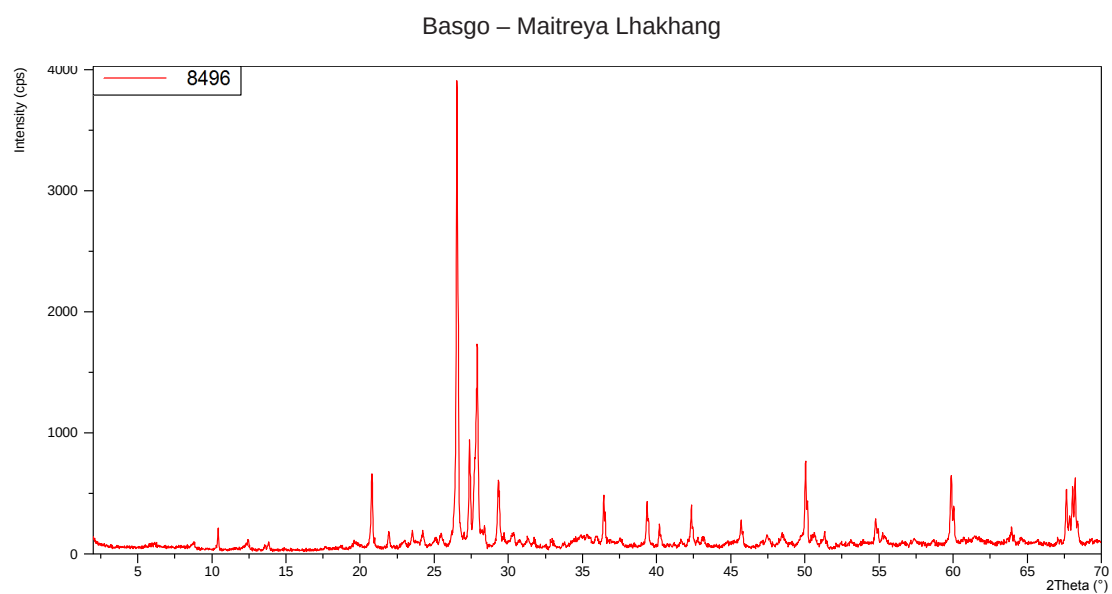
GSD 3.26 Likir. Sample 11749. Sand for mixing. Top: Cumulative sum. Bottom: Grain size classes.



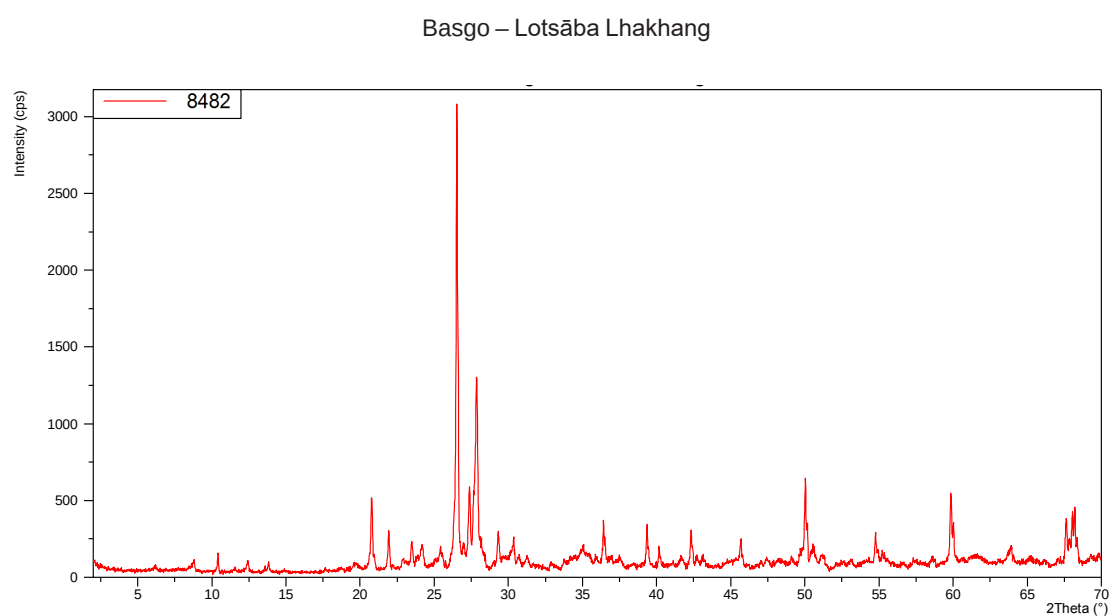
BMA 3.1 Basgo. Maitreya Lhakhang. Sample 8469. Bulk mineral analysis.



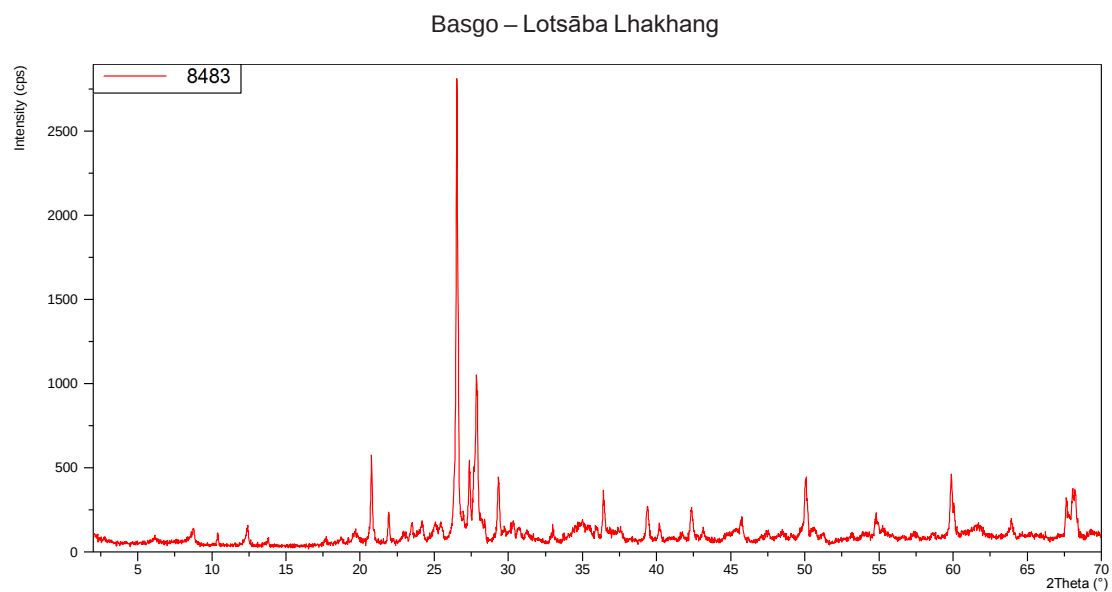
BMA 3.2 Basgo. Maitreya Lhakhang. Sample 8479. Bulk mineral analysis.



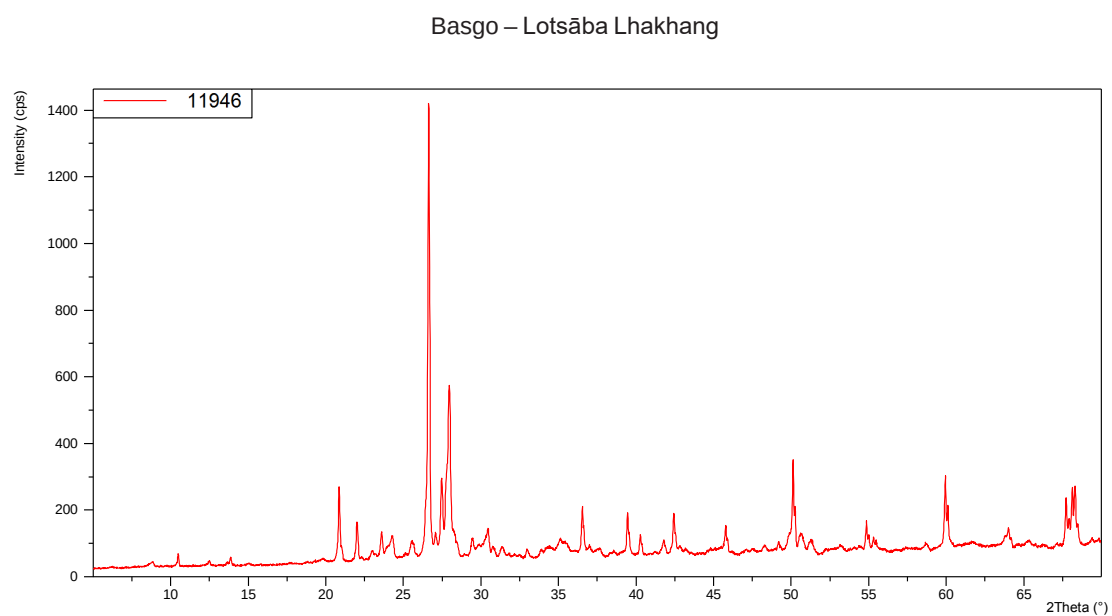
BMA 3.3 Basgo. Maitreya Lhakhang. Sample 8496. Bulk mineral analysis.



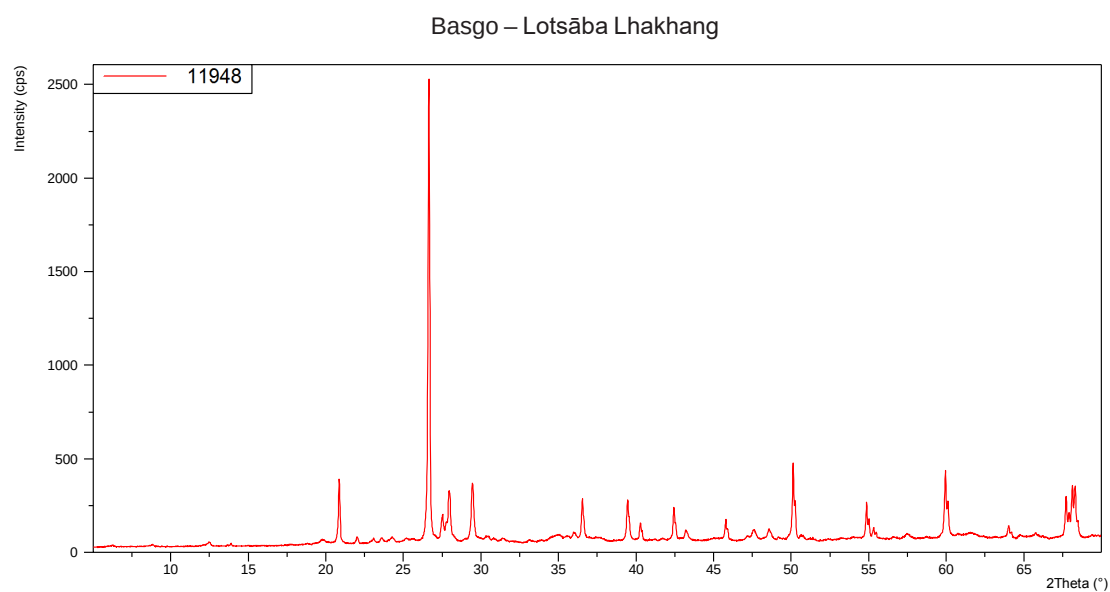
BMA 3.4 Basgo. Lotsāba Lhakhang. Sample 8482. Bulk mineral analysis.



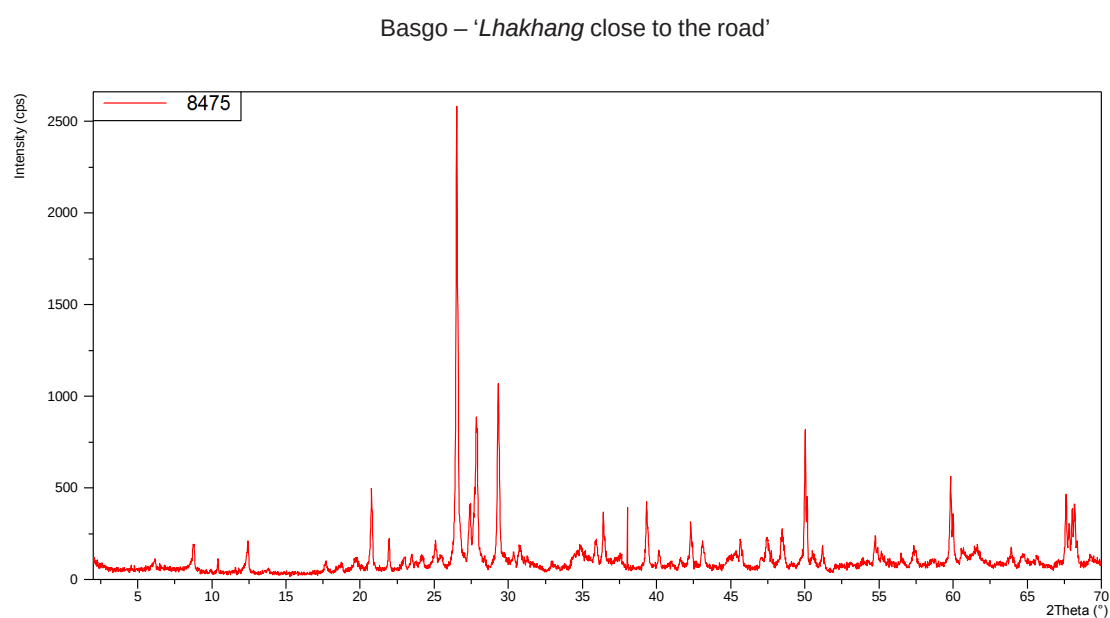
BMA 3.5 Basgo. Lotsāba Lhakhang. Sample 8483. Bulk mineral analysis.



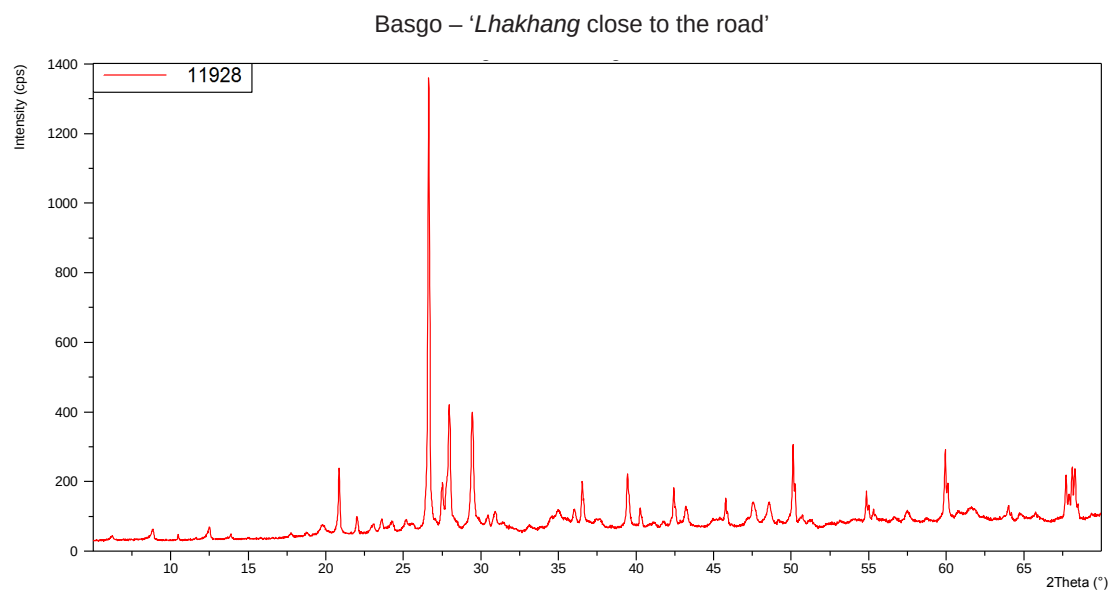
BMA 3.6 Basgo. Lotsāba Lhakhang. Sample 11946. Bulk mineral analysis.



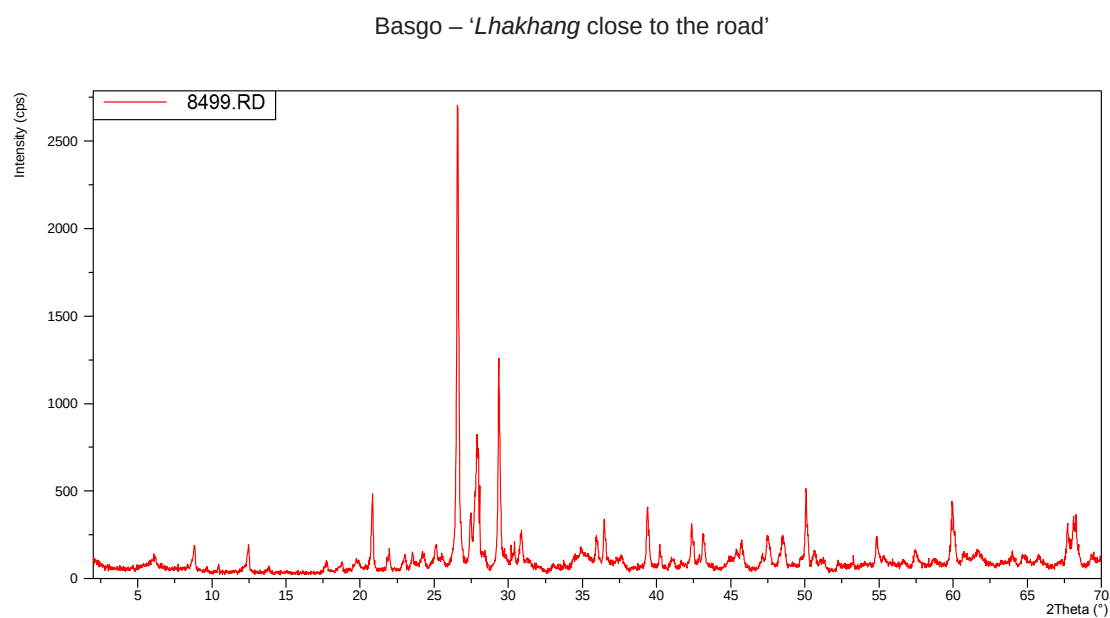
BMA 3.7 Basgo. Lotsāba Lhakhang. Sample 11948. Bulk mineral analysis.



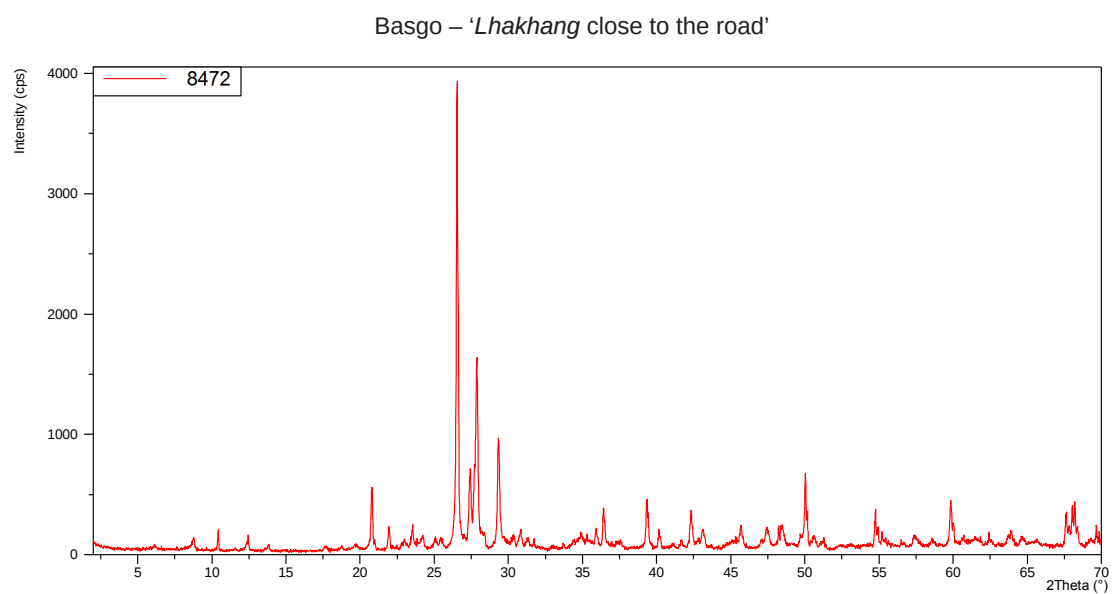
BMA 3.8 Basgo. ‘Lhakhang close to the road’. Sample 8475. Bulk mineral analysis.



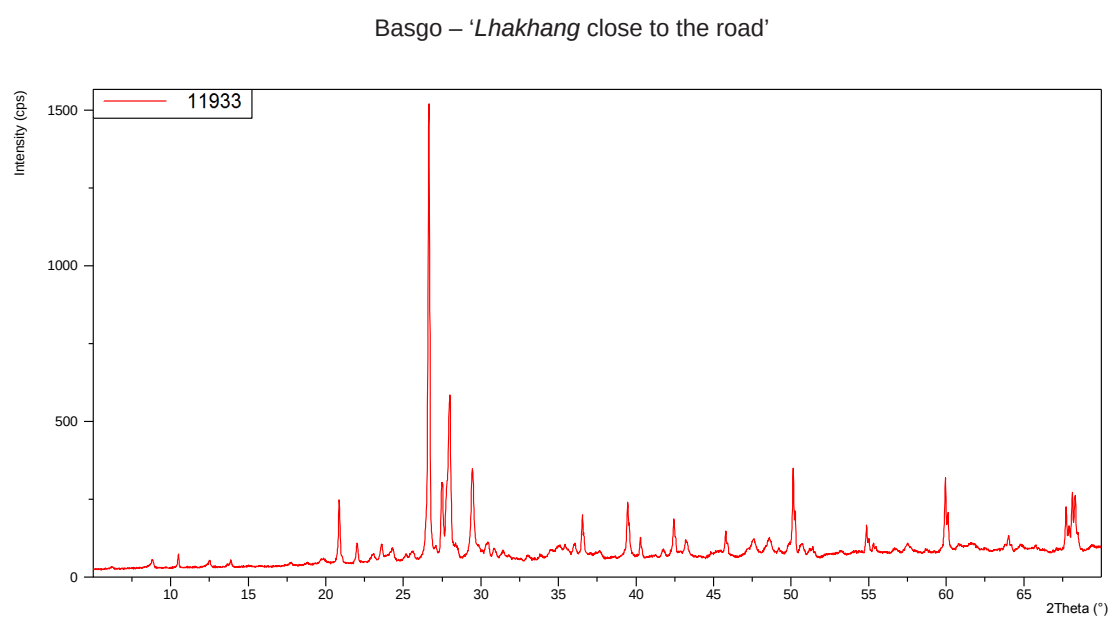
BMA 3.9 Basgo. '*Lhakhang* close to the road'. Sample 11928. Bulk mineral analysis.



BMA 3.10 Basgo. '*Lhakhang* close to the road'. Sample 8499. Bulk mineral analysis.

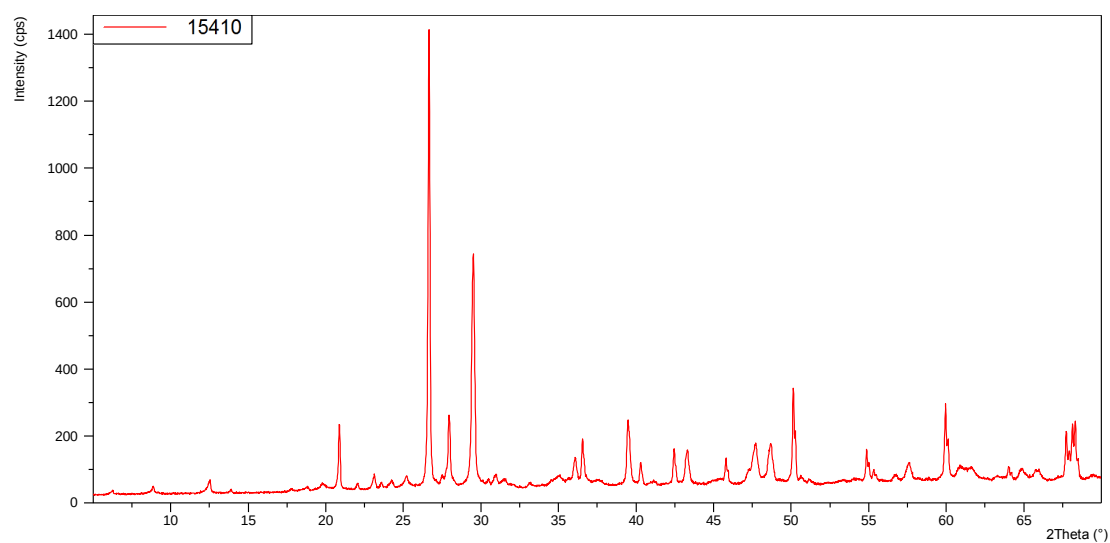


BMA 3.11 Basgo. '*Lhakhang* close to the road'. Sample 8472. Bulk mineral analysis.



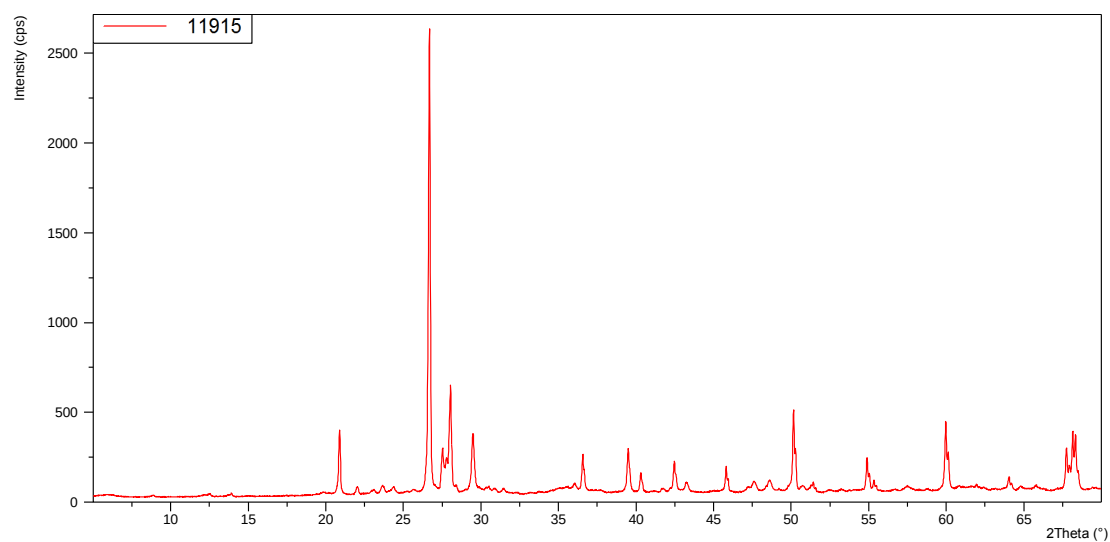
BMA 3.12 Basgo. '*Lhakhang* close to the road'. Sample 11933. Bulk mineral analysis.

Basgo – Building raw material

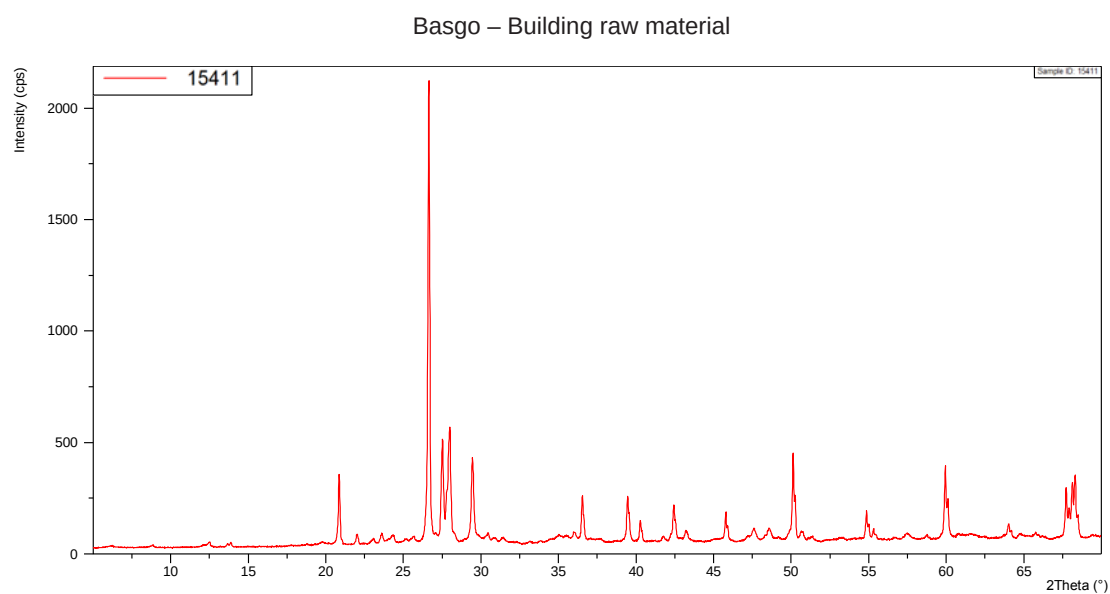


BMA 3.13 Basgo. Building raw material. Sample 15410. Bulk mineral analysis.

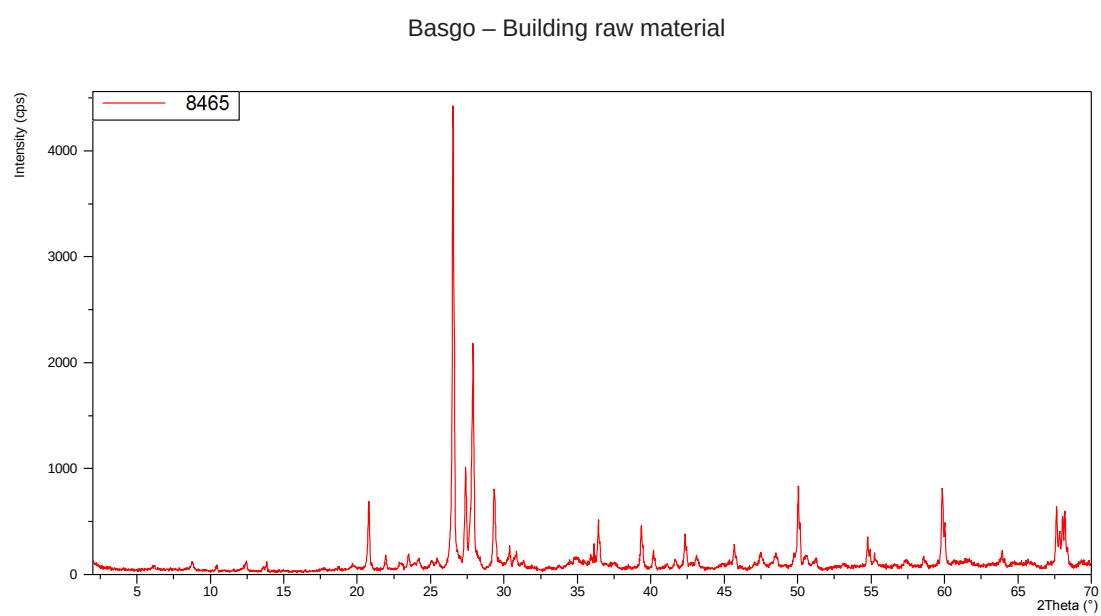
Basgo – Building raw material



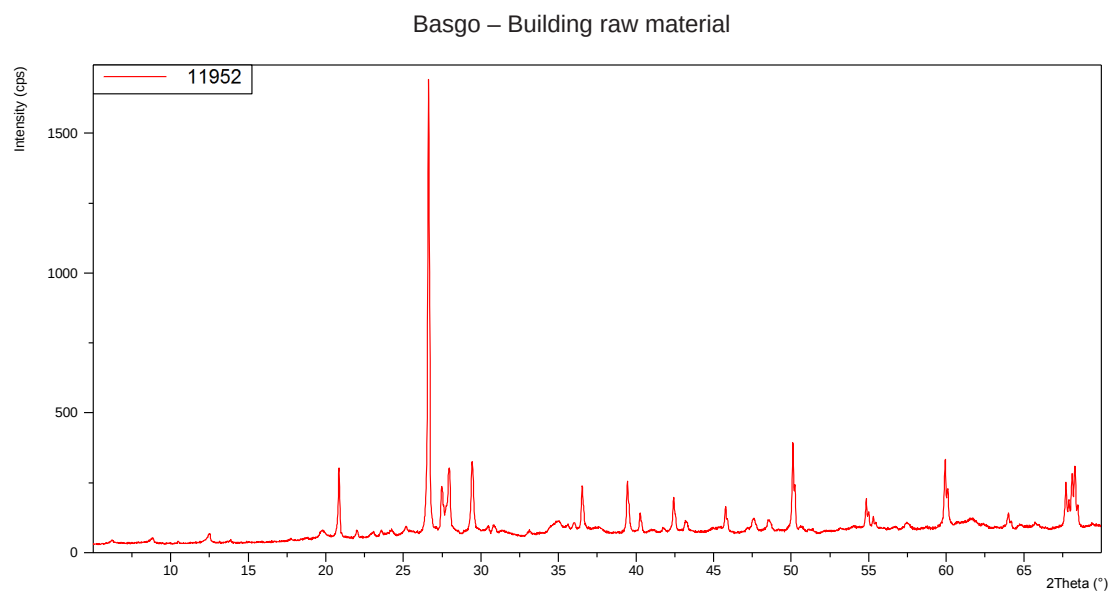
BMA 3.14 Basgo. Building raw material. Sample 11915. Bulk mineral analysis.



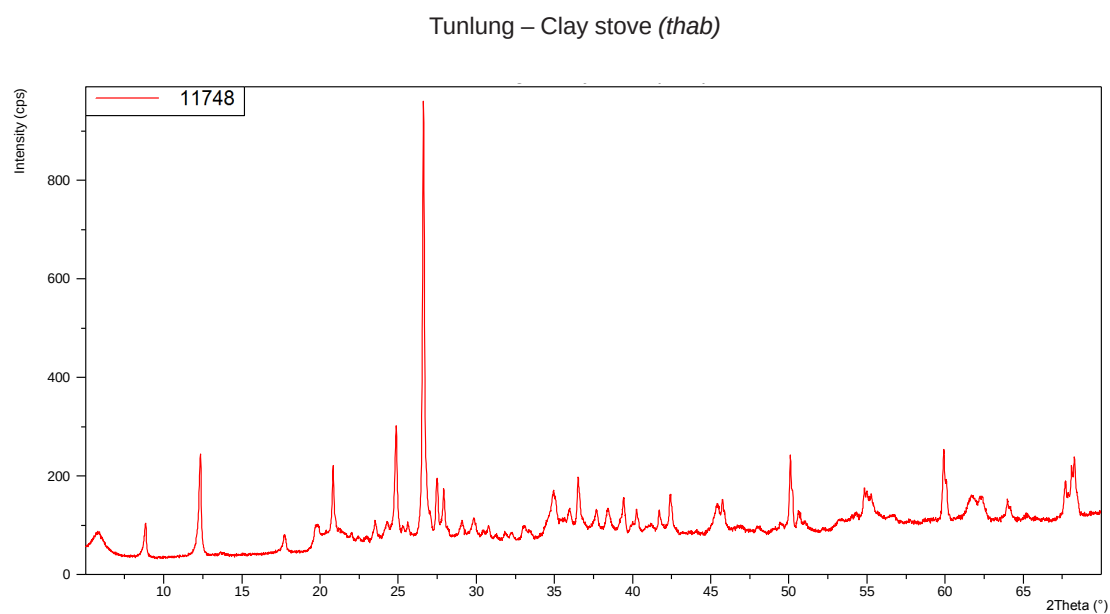
BMA 3.15 Basgo. Building raw material. Sample 15411. Bulk mineral analysis.



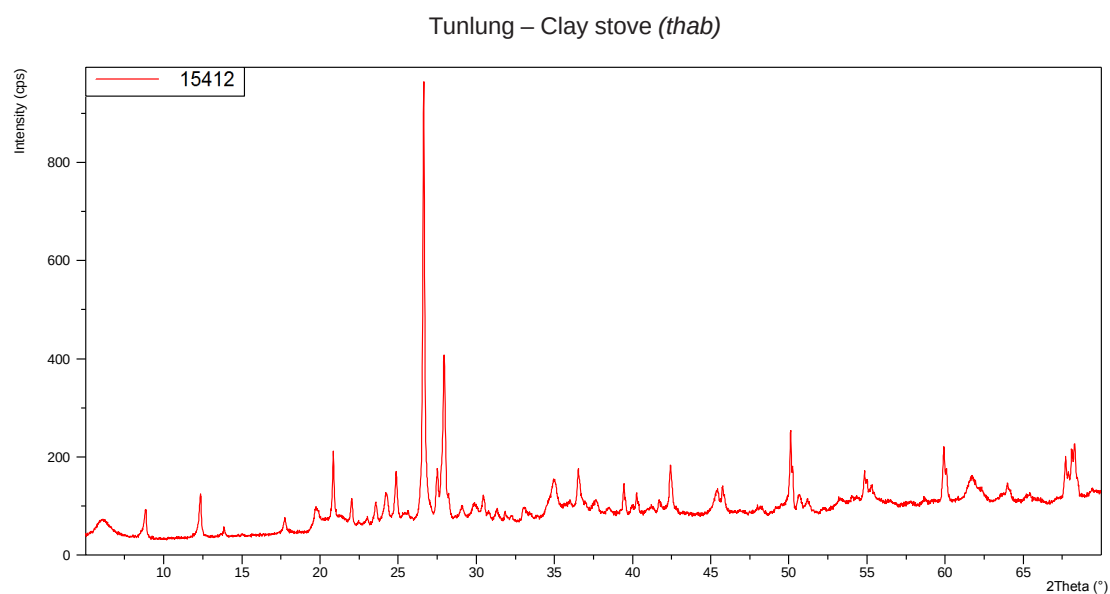
BMA 3.16 Basgo. Building raw material. Sample 8465. Bulk mineral analysis.



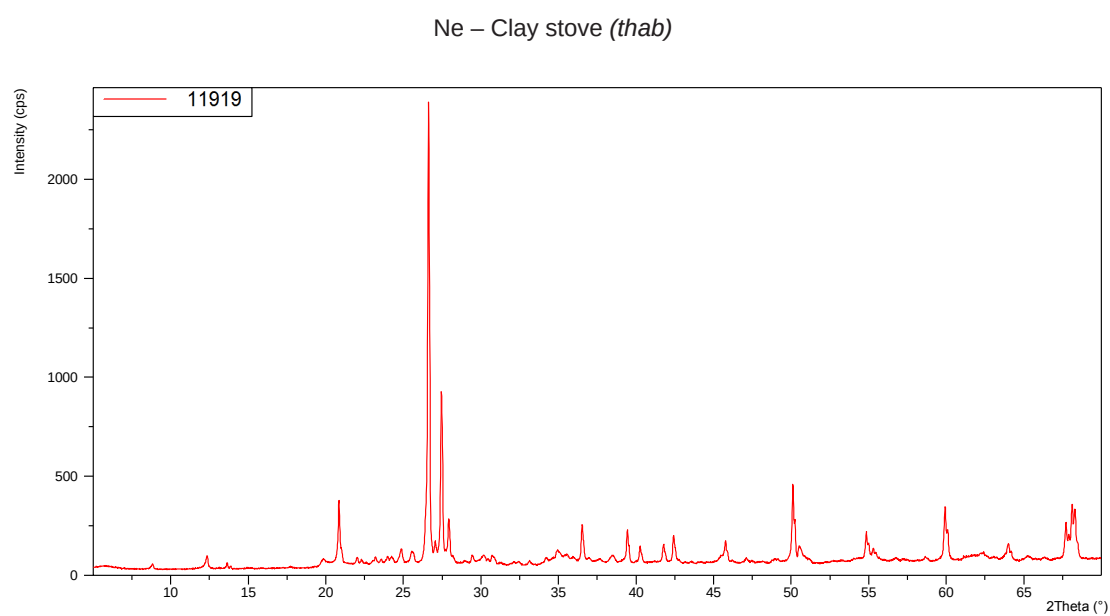
BMA 3.17 Basgo. Building raw material. Sample 11952. Bulk mineral analysis.



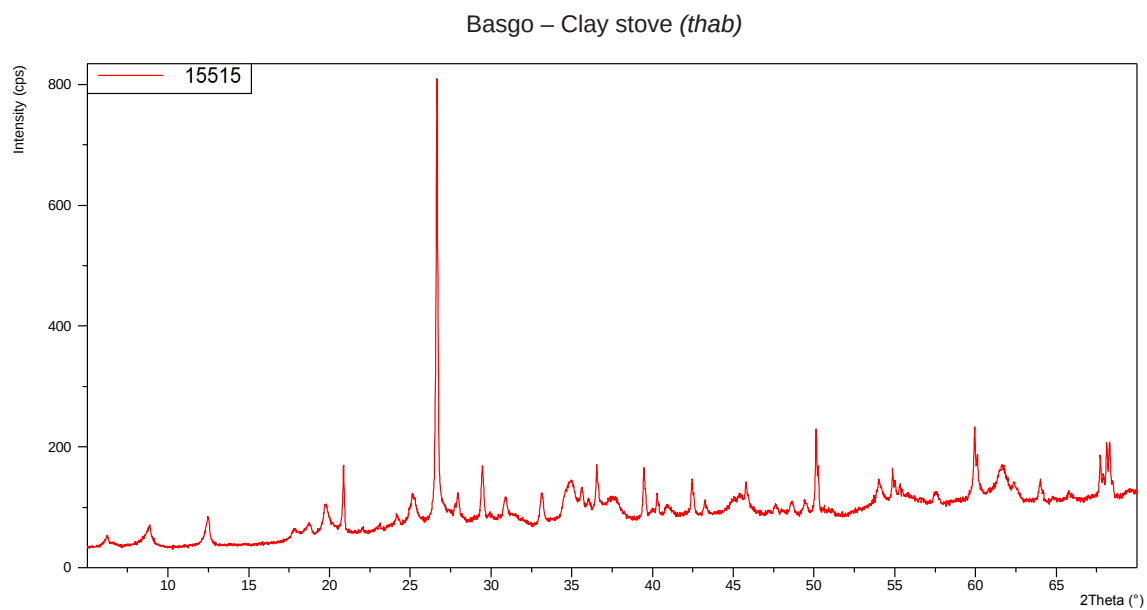
BMA 3.18 Tunlung. *Thabsa*. Sample 11748. Bulk mineral analysis.



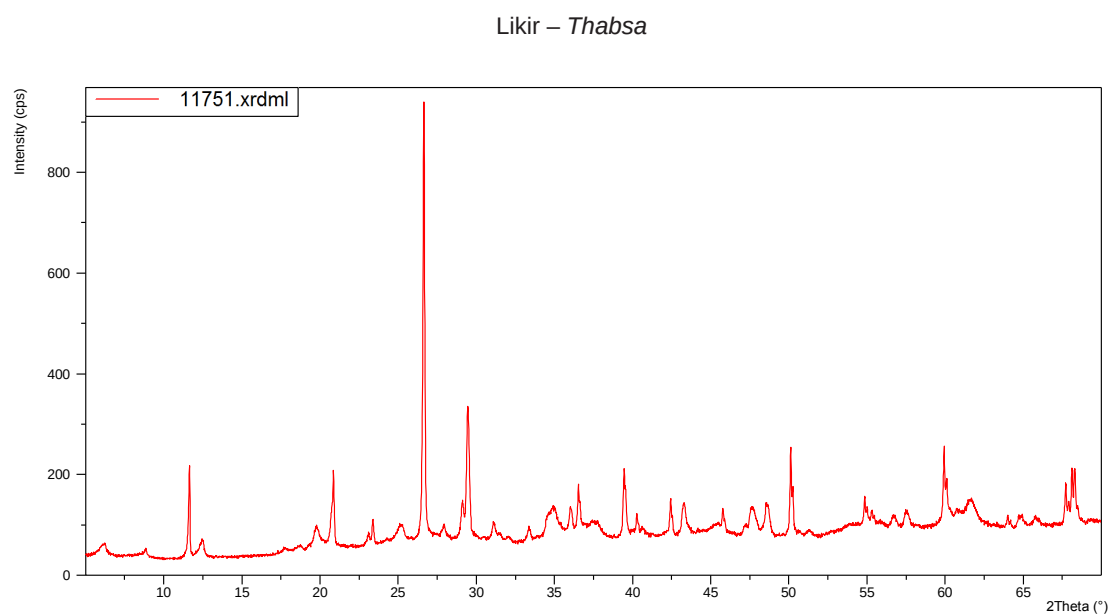
BMA 3.19 Tunlung. *Thabsa*. Sample 15412. Bulk mineral analysis.



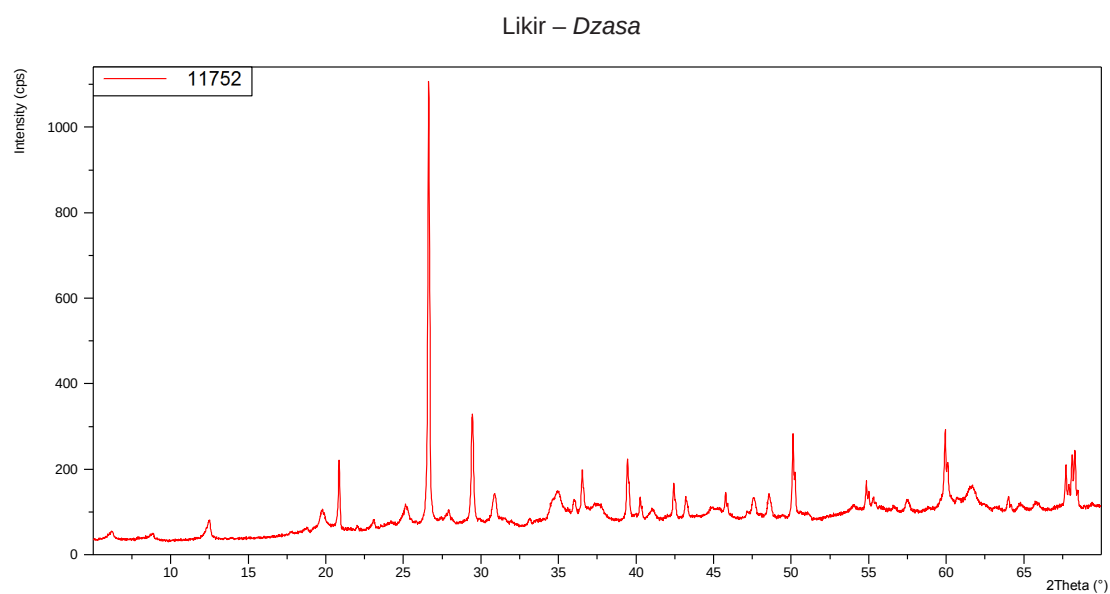
BMA 3.20 Ne. *Thabsa*. Sample 11919. Bulk mineral analysis.



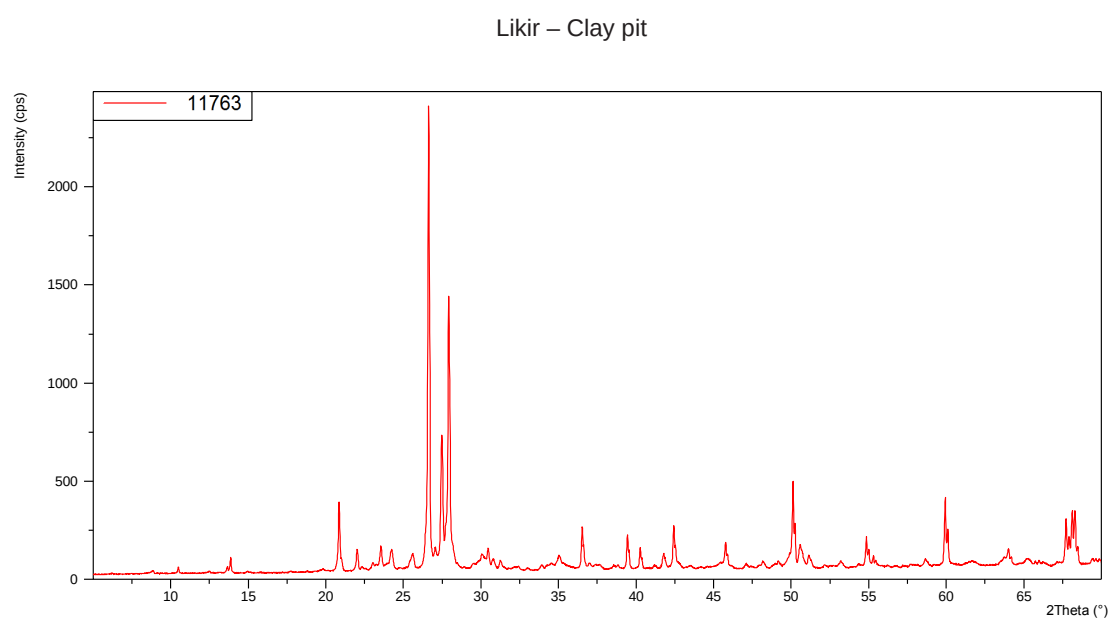
BMA 3.21 Basgo. *Thabsa*. Sample 15515. Bulk mineral analysis.



BMA 3.22 Likir. *Thabsa*. Sample 11751. Bulk mineral analysis.

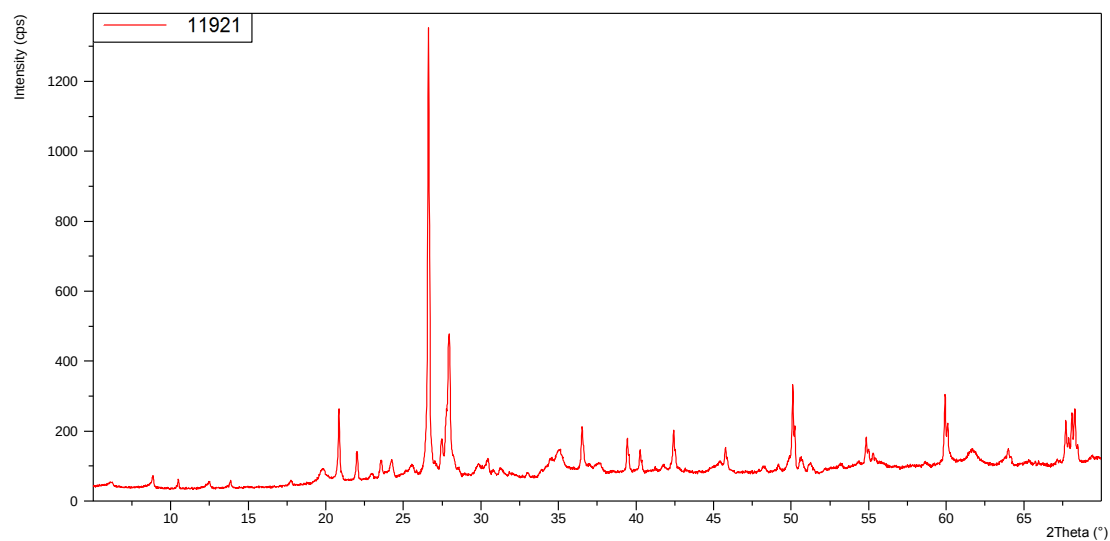


BMA 3.23 Likir. *Dzasa*. Sample 11752. Bulk mineral analysis.



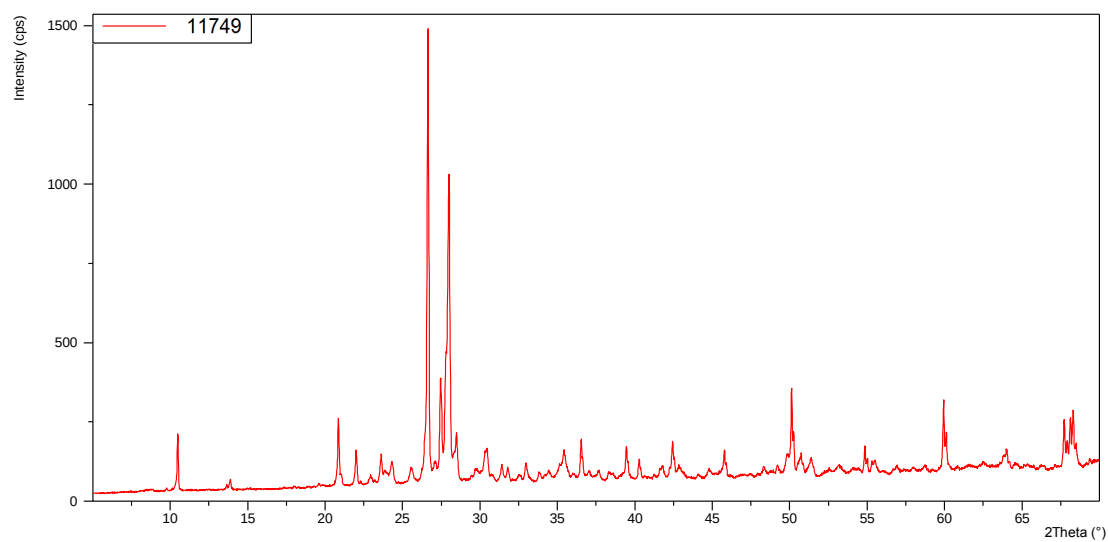
BMA 3.24 Likir. Clay pit. Sample 11763. Bulk mineral analysis.

Likir – Adobe brick

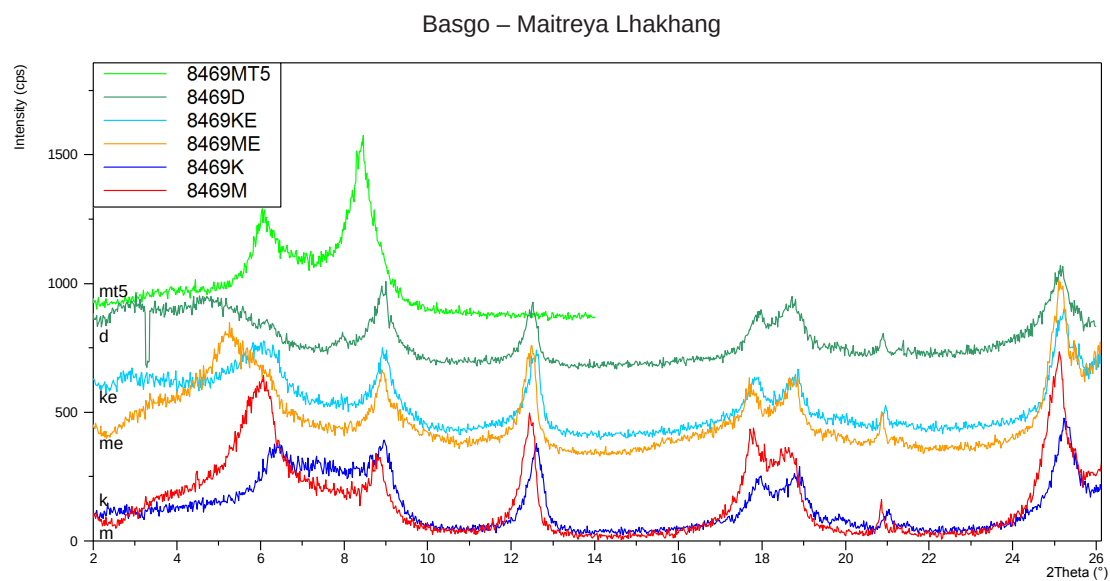


BMA 3.25 Likir. Adobe brick. Sample 11921. Bulk mineral analysis.

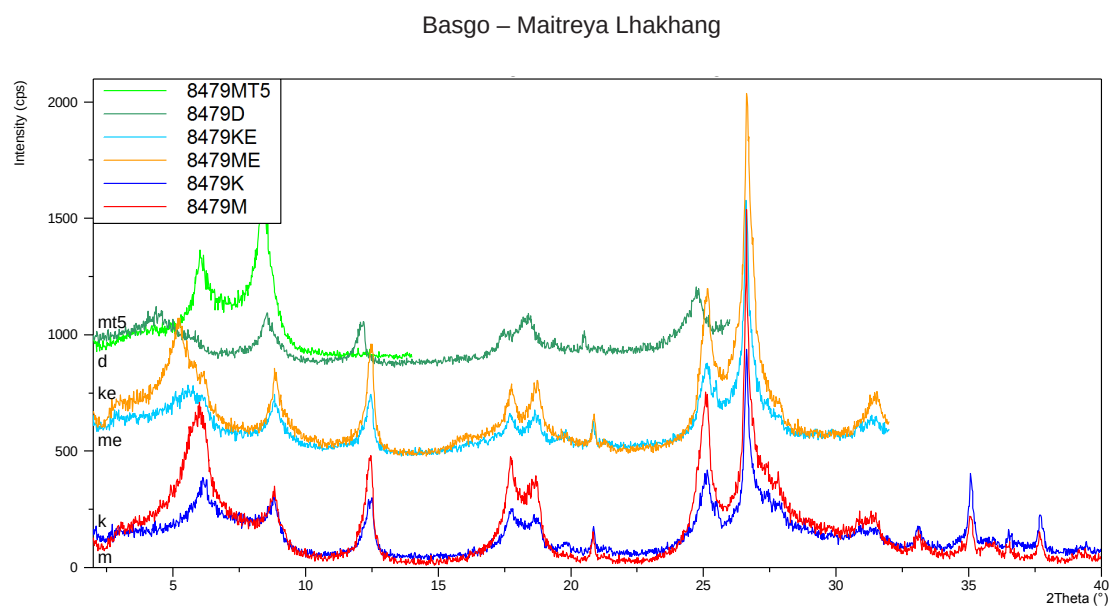
Likir – Sand



BMA 3.26 Likir. Sand. Sample 11749. Bulk mineral analysis.

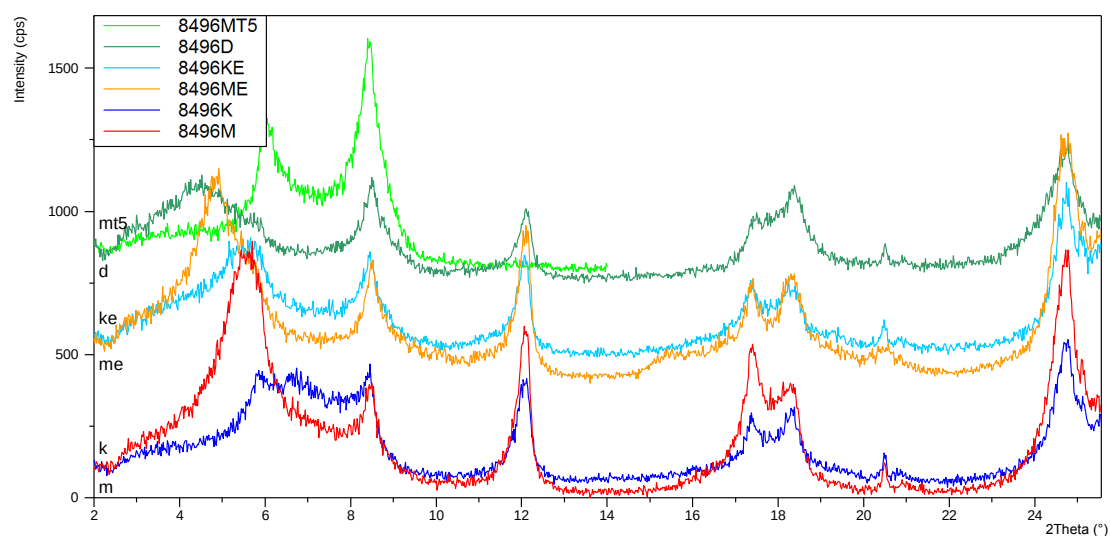


CMA 3.1 Basgo. Maitreya Lhakhang. Sample 8469. Clay mineral analysis.



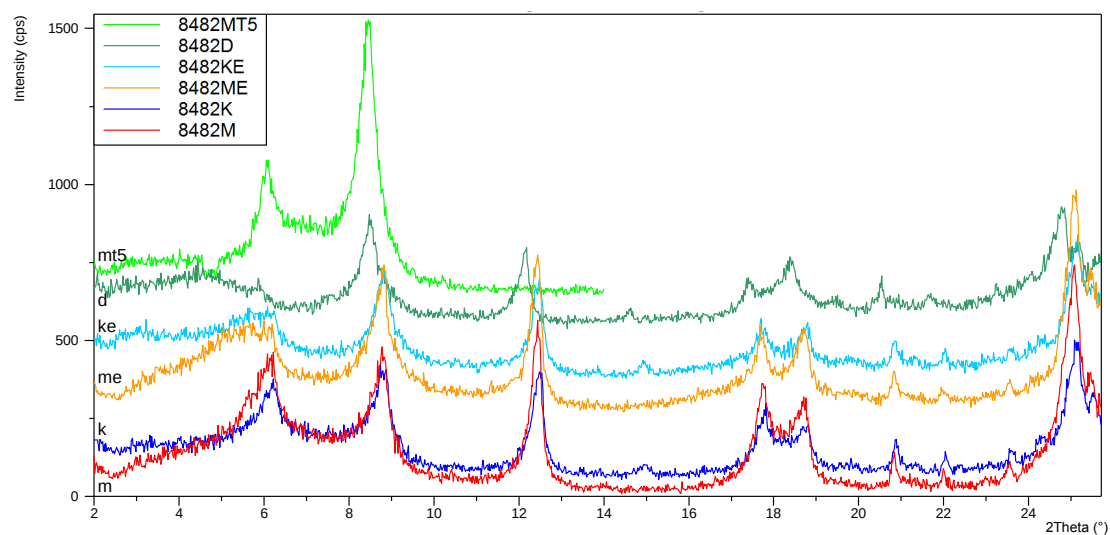
CMA 3.2 Basgo. Maitreya Lhakhang. Sample 8479. Clay mineral analysis.

Basgo – Maitreya Lhakhang

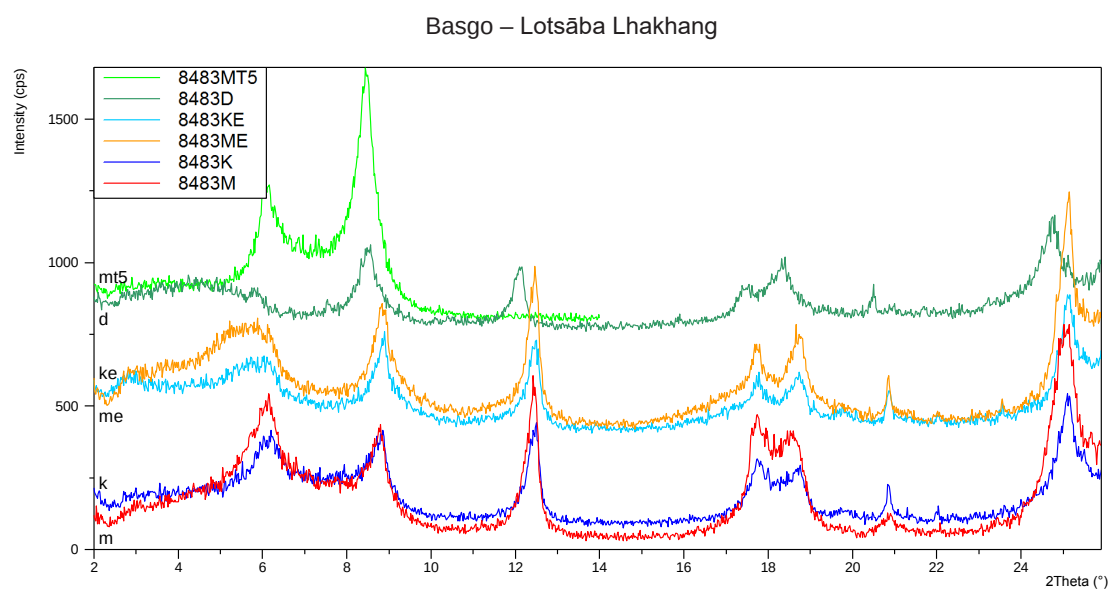


CMA 3.3 Basgo. Maitreya Lhakhang. Sample 8496. Clay mineral analysis.

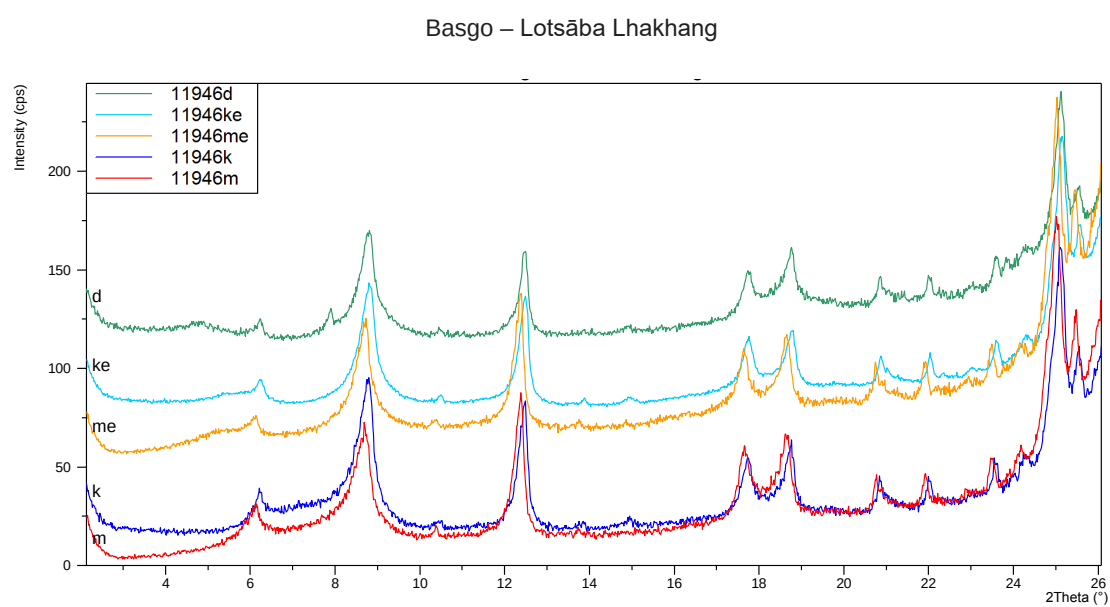
Basgo – Lotsāba Lhakhang



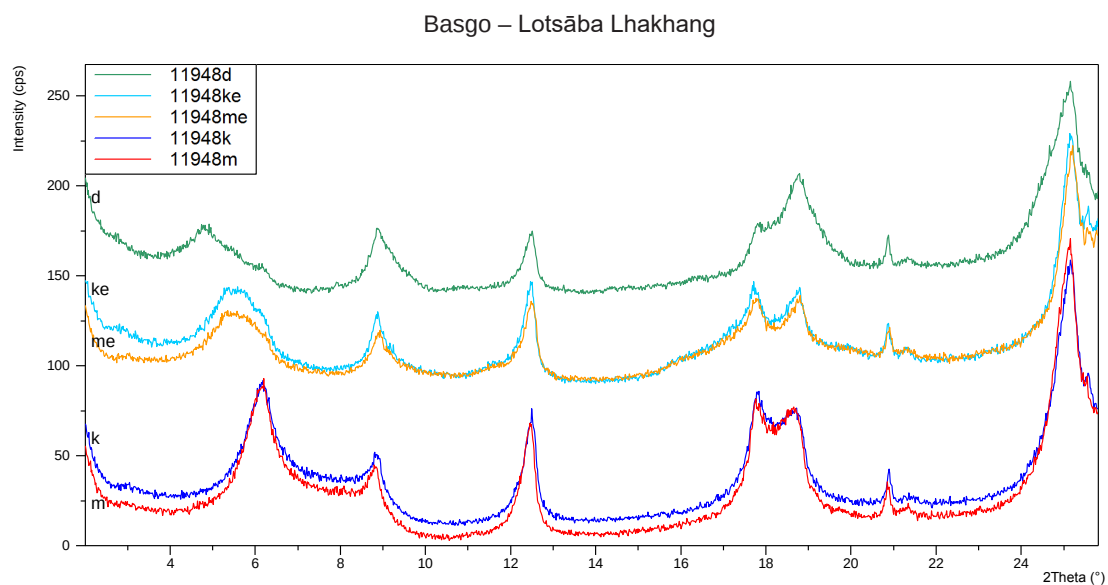
CMA 3.4 Basgo. Lotsāba Lhakhang. Sample 8482. Clay mineral analysis.



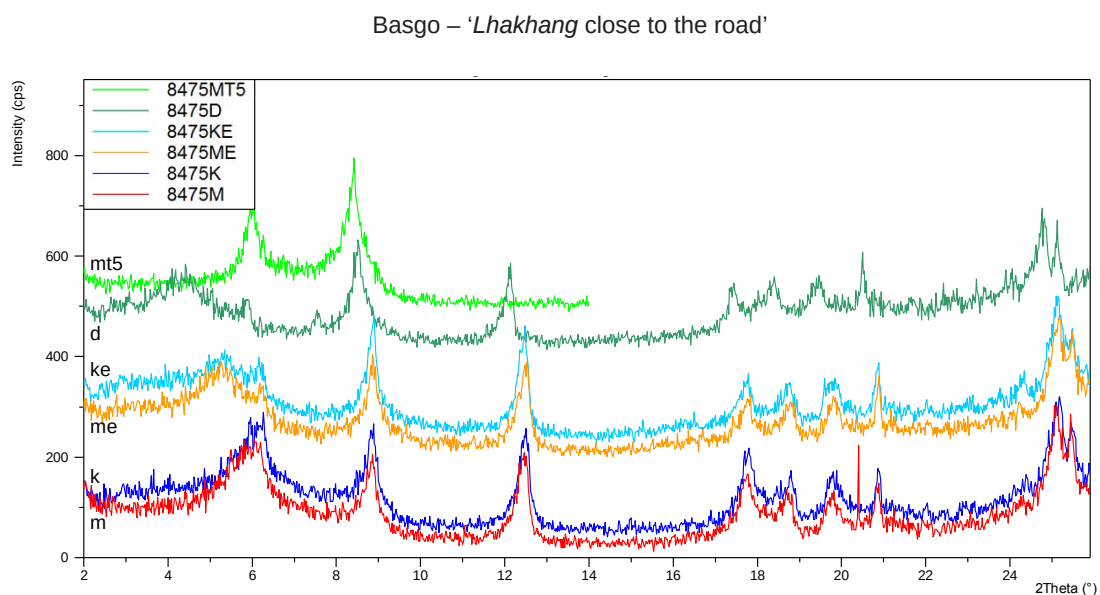
CMA 3.5 Basgo. Lotsāba Lhakhang. Sample 8483. Clay mineral analysis.



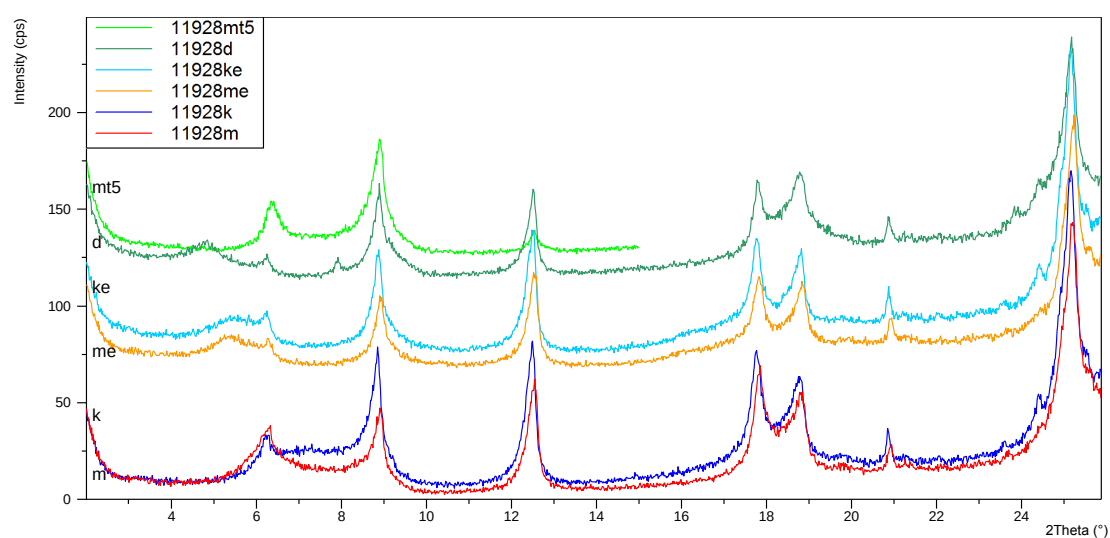
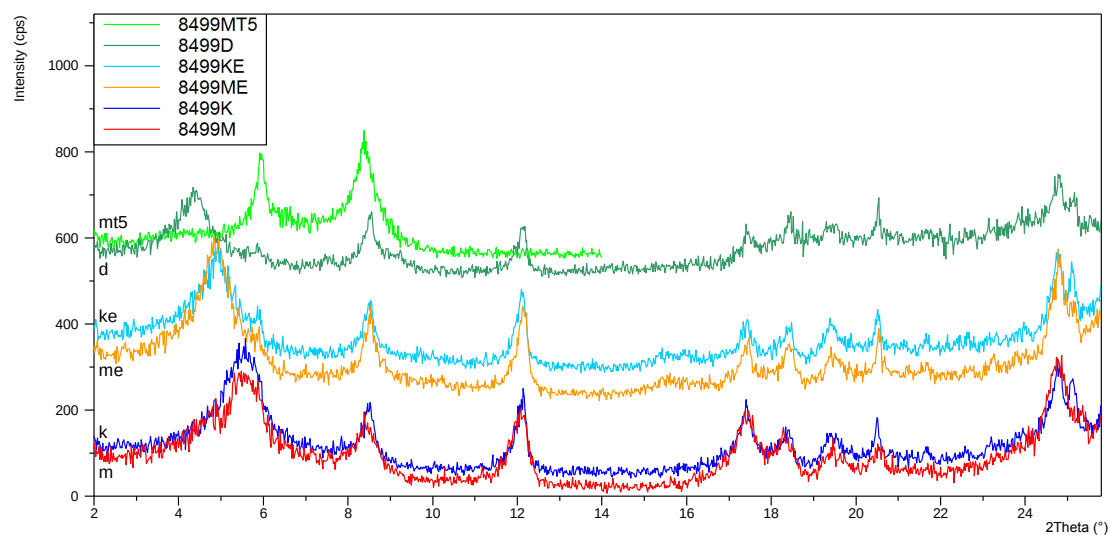
CMA 3.6 Basgo. Lotsāba Lhakhang. Sample 11946. Clay mineral analysis.



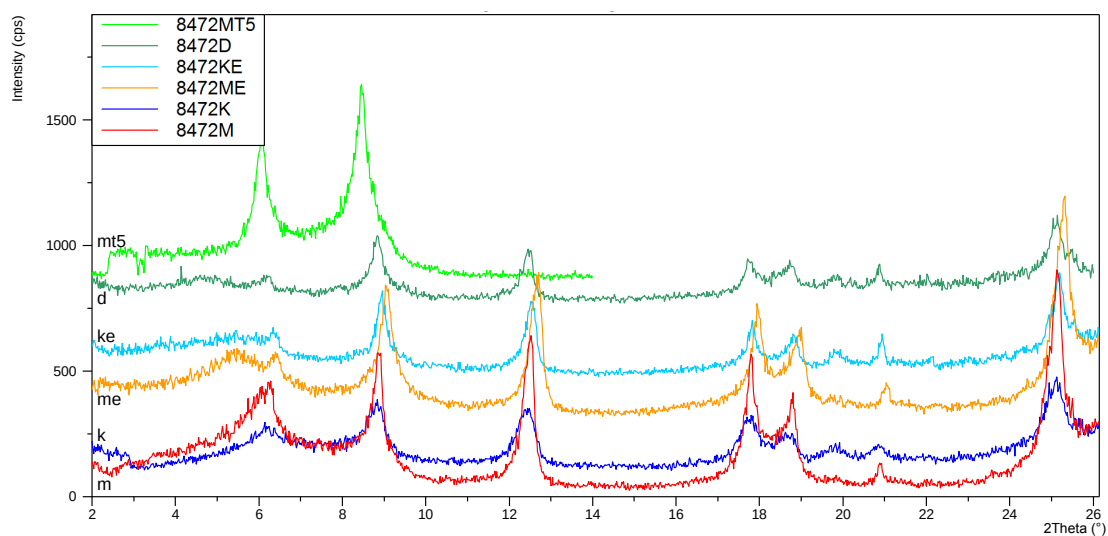
CMA 3.7 Basgo. Lotsāba Lhakhang. Sample 11948. Clay mineral analysis.



CMA 3.8 Basgo. 'Lhakhang close to the road'. Sample 8475. Clay mineral analysis.

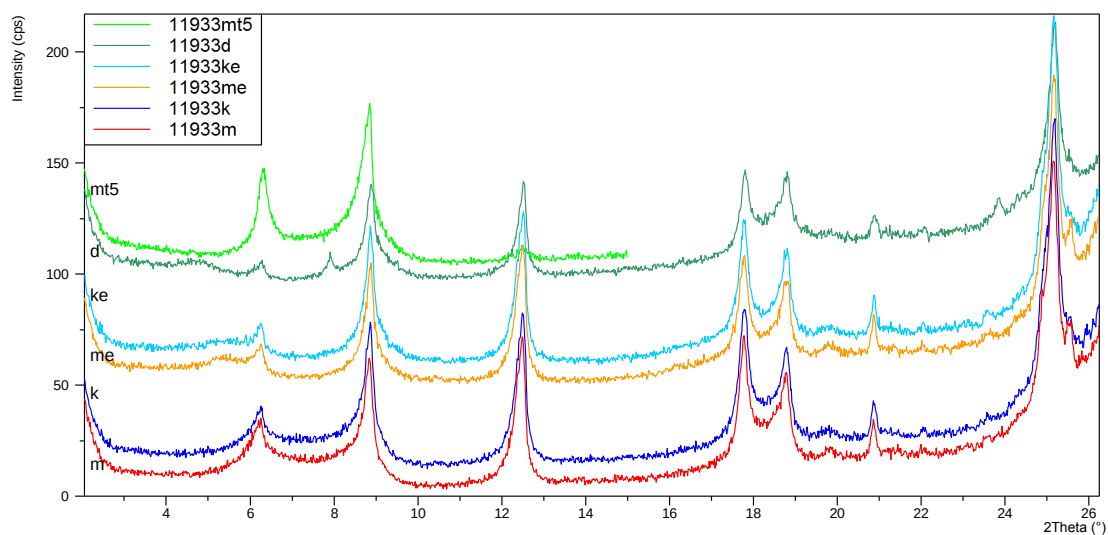
Basgo – '*Lhakhang* close to the road'CMA 3.9 Basgo. '*Lhakhang* close to the road'. Sample 11928. Clay mineral analysis.Basgo – '*Lhakhang* close to the road'CMA 3.10 Basgo. '*Lhakhang* close to the road'. Sample 8499. Clay mineral analysis.

Basgo – 'Lhakhang close to the road'



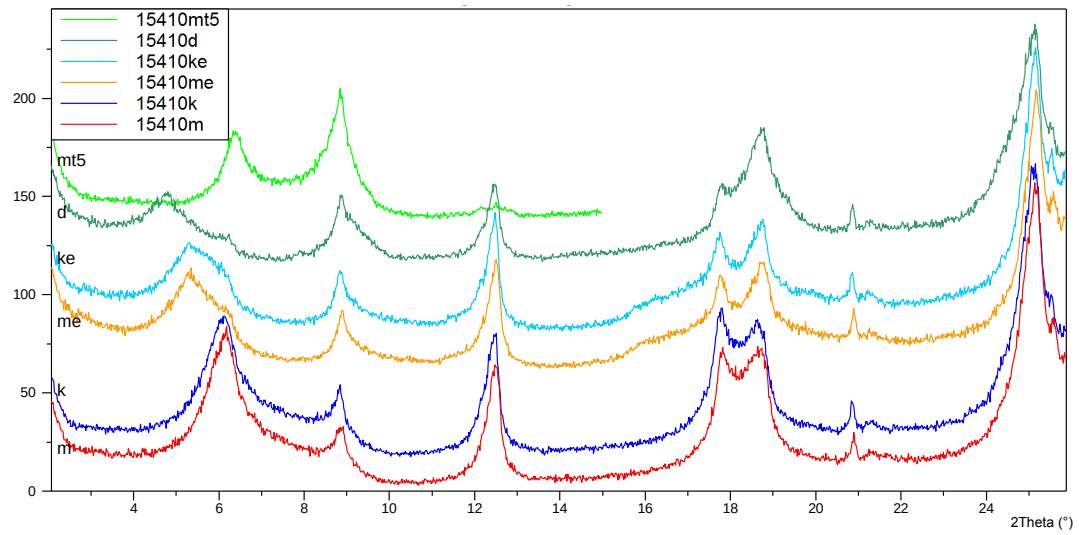
CMA 3.11 Basgo. 'Lhakhang close to the road'. Sample 8472. Clay mineral analysis

Basgo – 'Lhakhang close to the road'



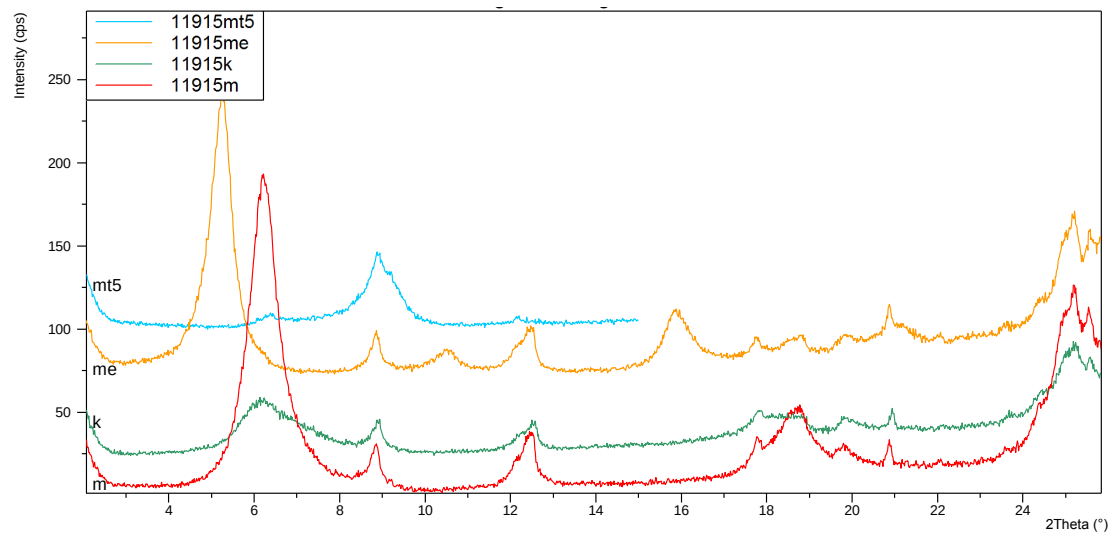
CMA 3.12 Basgo. 'Lhakhang close to the road'. Sample 11933. Clay mineral analysis.

Basgo – Building raw material



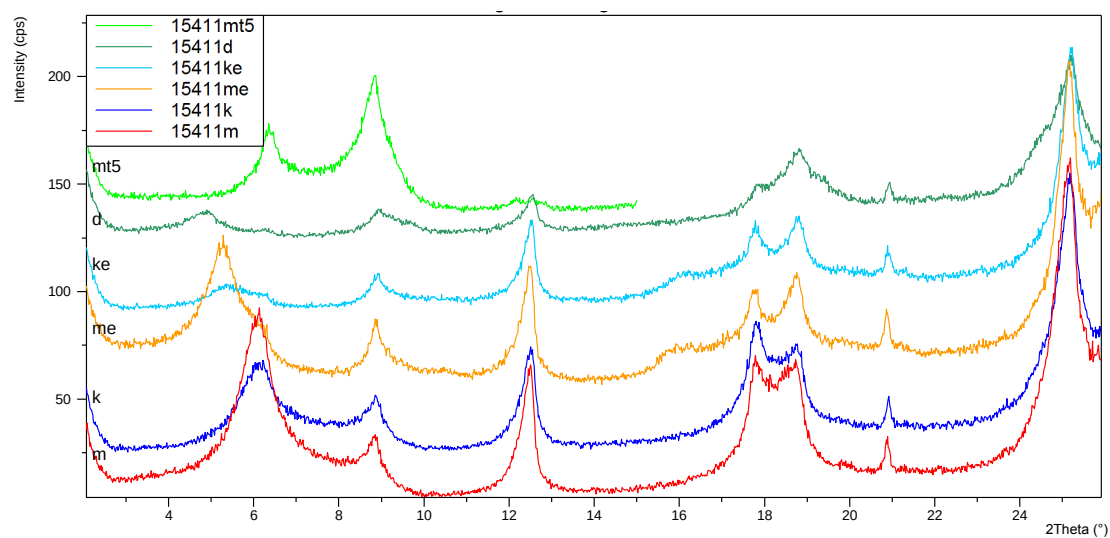
CMA 3.13 Basgo. Building raw material. Sample 15410. Clay mineral analysis.

Basgo – Building raw material



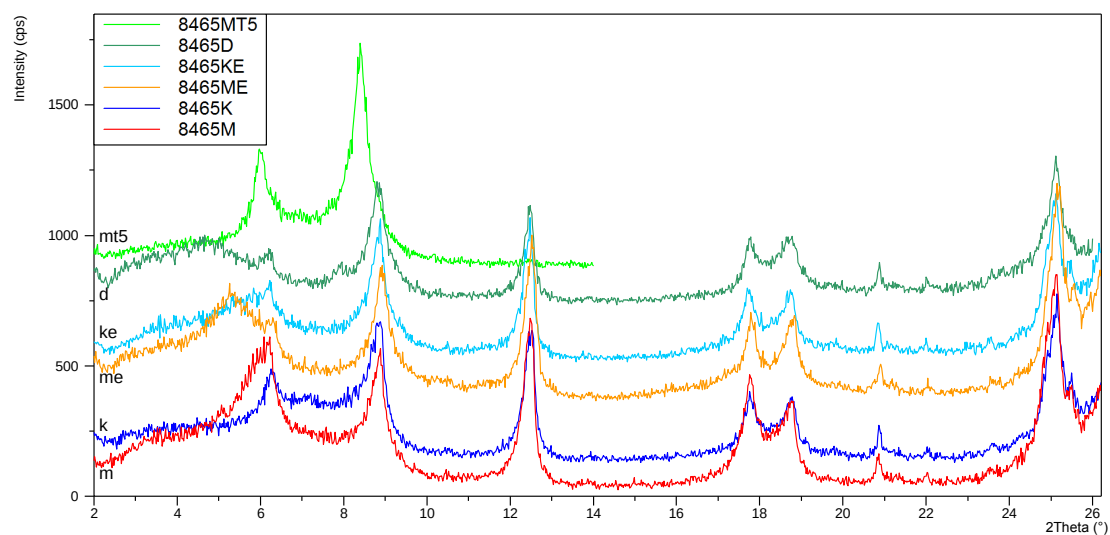
CMA 3.14 Basgo. Building raw material. Sample 11915. Clay mineral analysis.

Basgo – Building raw material



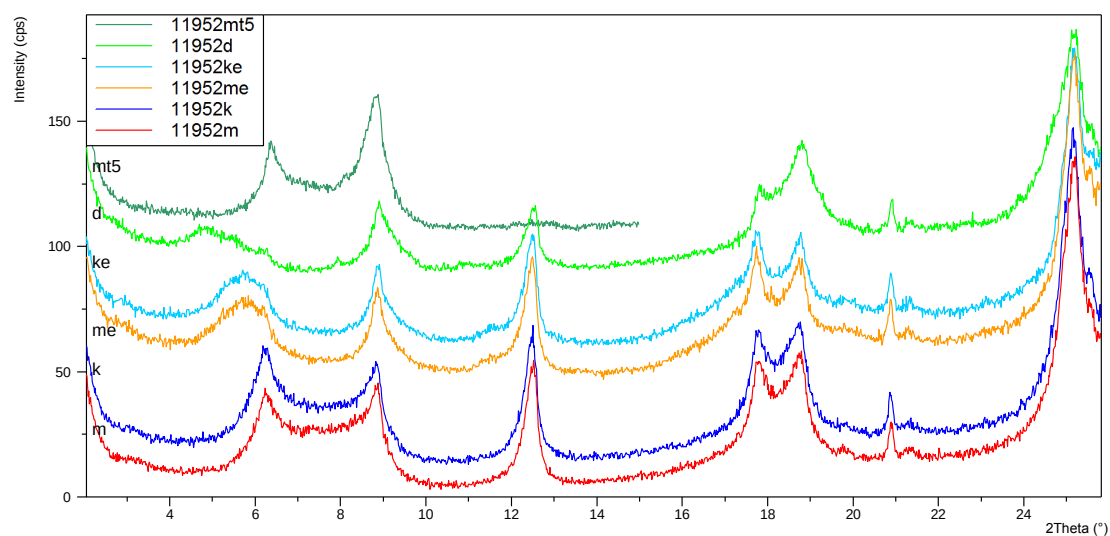
CMA 3.15 Basgo. Building raw material. Sample 15411. Clay mineral analysis.

Basgo – Building raw material

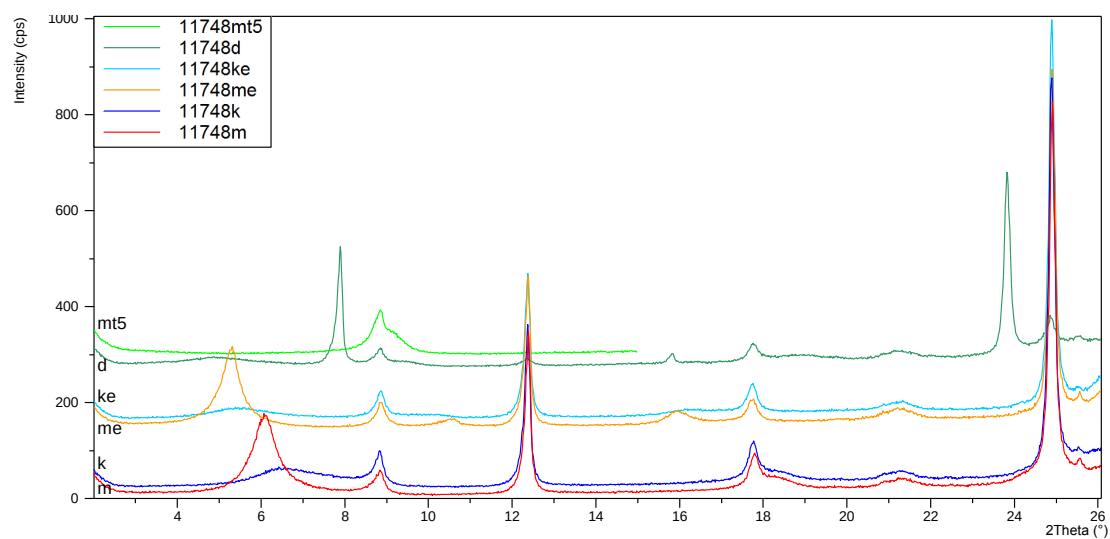


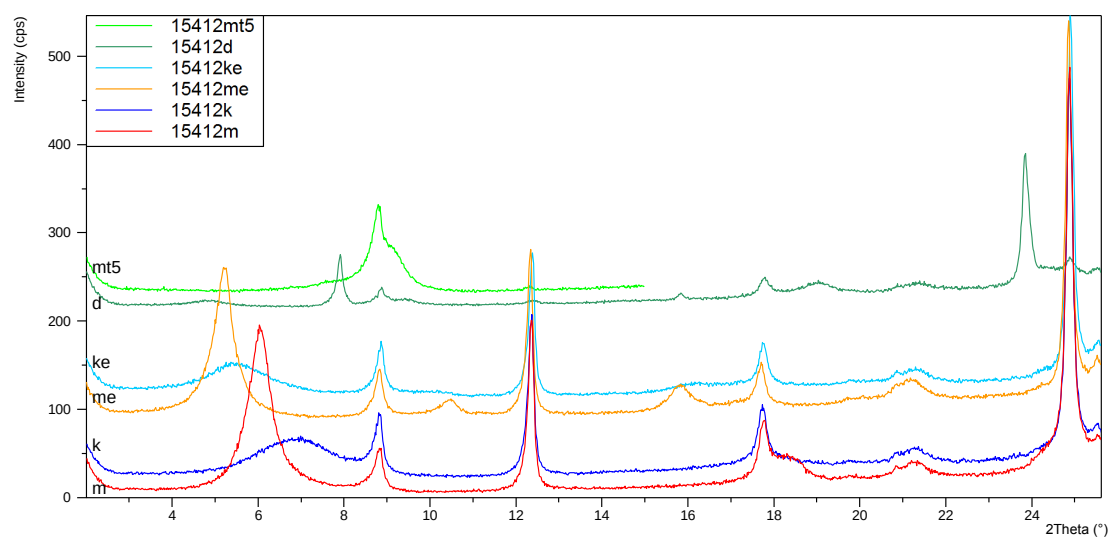
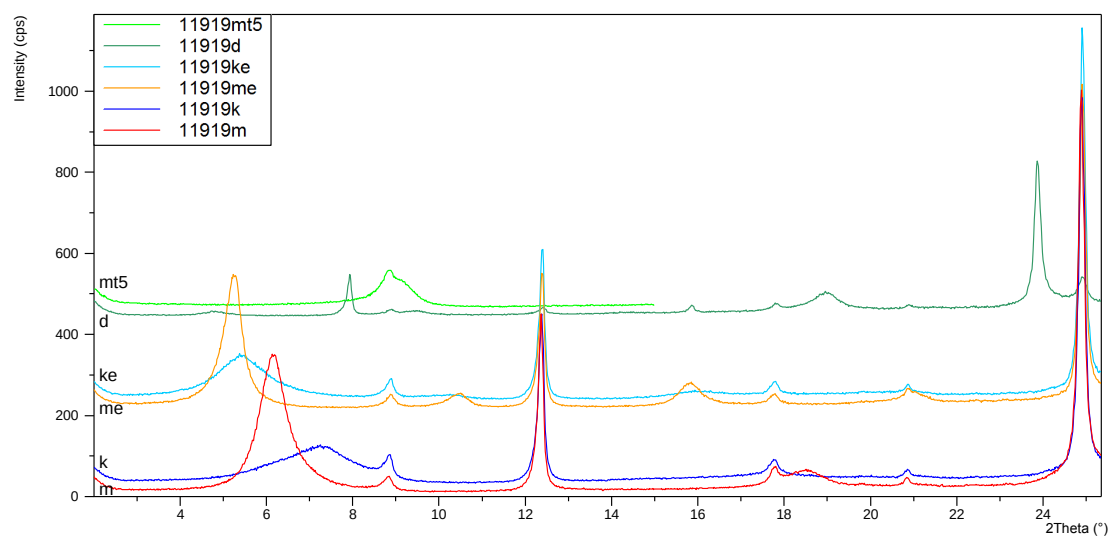
CMA 3.16 Basgo. Building raw material. Sample 8465. Clay mineral analysis.

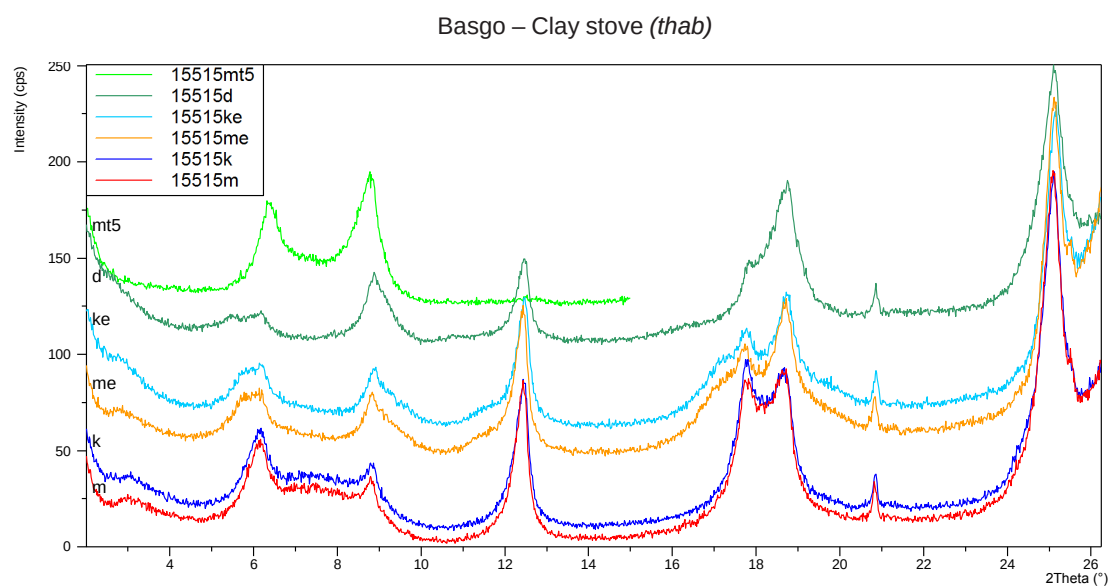
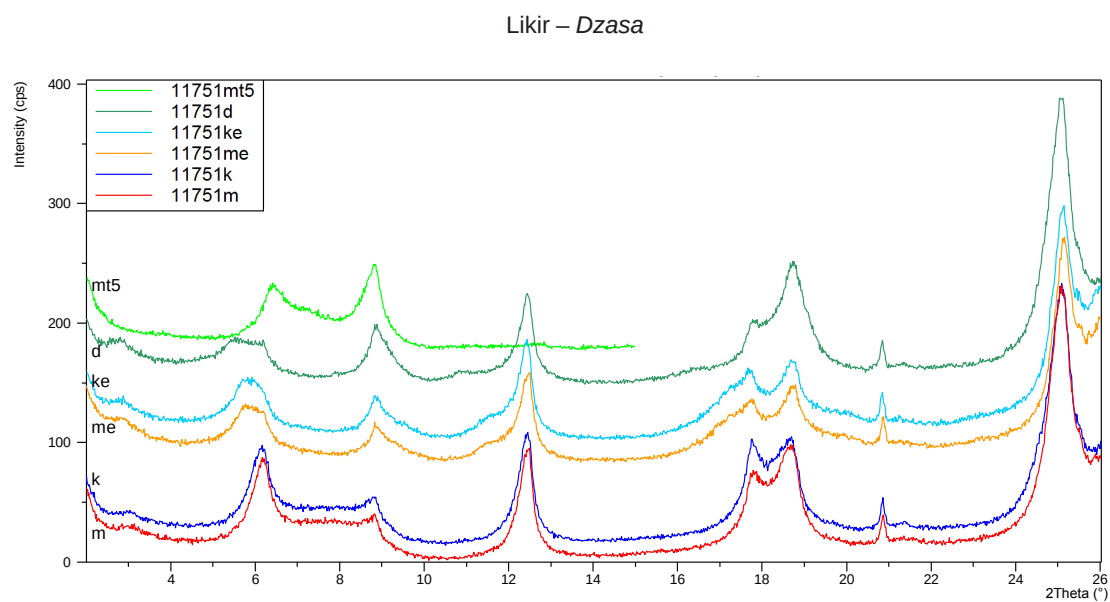
Basgo – Building raw material



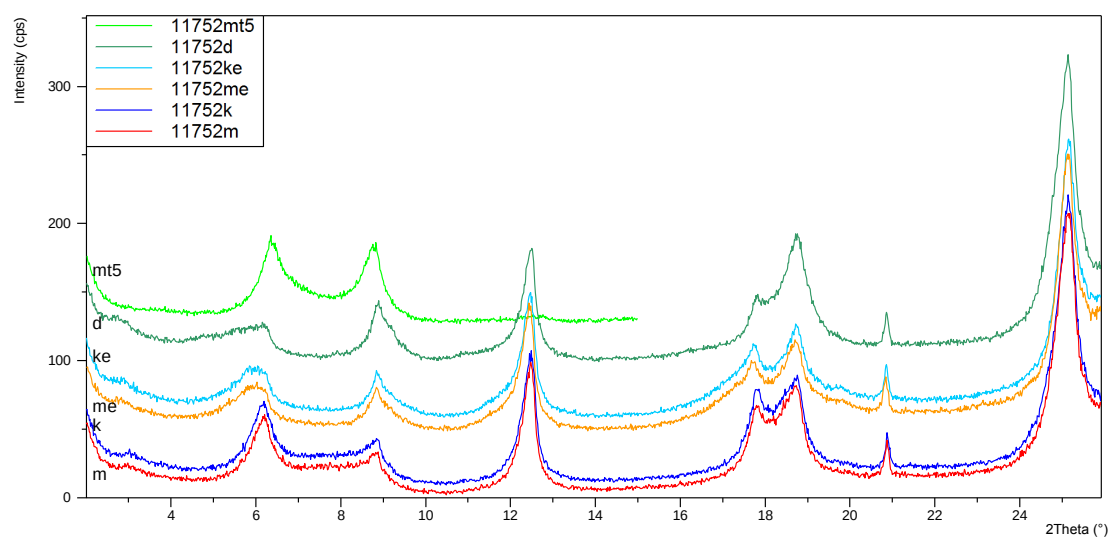
CMA 3.17 Basgo. Building raw material. Sample 11952. Clay mineral analysis.

Tunlung – Clay stove (*thab*)CMA 3.18 Tunlung. *Thabsa*. Sample 11748. Clay mineral analysis.

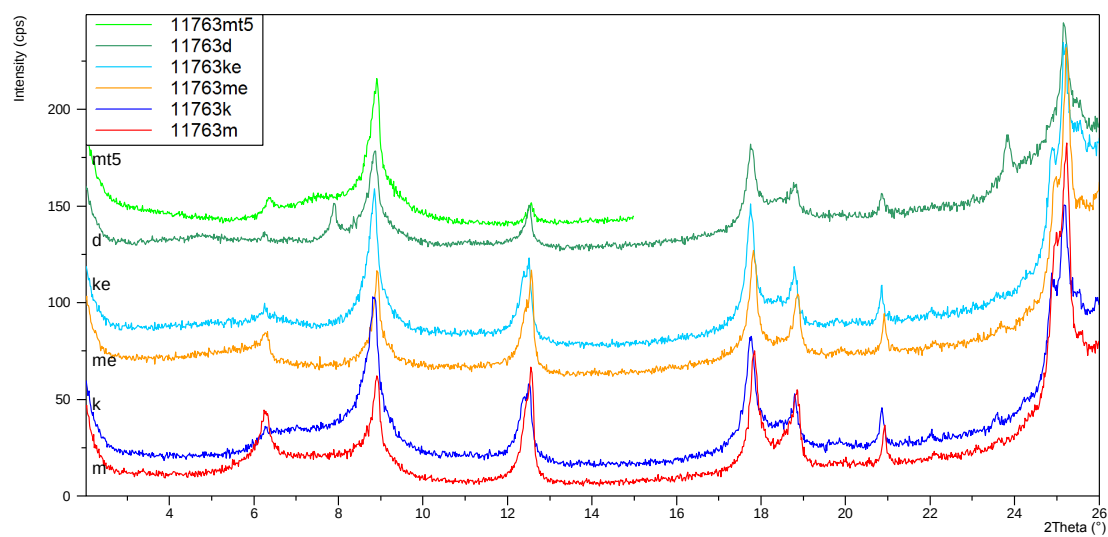
Tunlung – Clay stove (*thab*)CMA 3.19 Tunlung. *Thabsa*. Sample 15412. Clay mineral analysis.Ne – Clay stove (*thab*)CMA 3.20 Ne. *Thabsa*. Sample 11919. Clay mineral analysis.

CMA 3.21 Basgo. *Thabsa*. Sample 15515. Clay mineral analysis.CMA 3.22 Likir. *Tandoor* stove and pottery clay. Sample 11751. Clay mineral analysis.

Likir – Dzasa

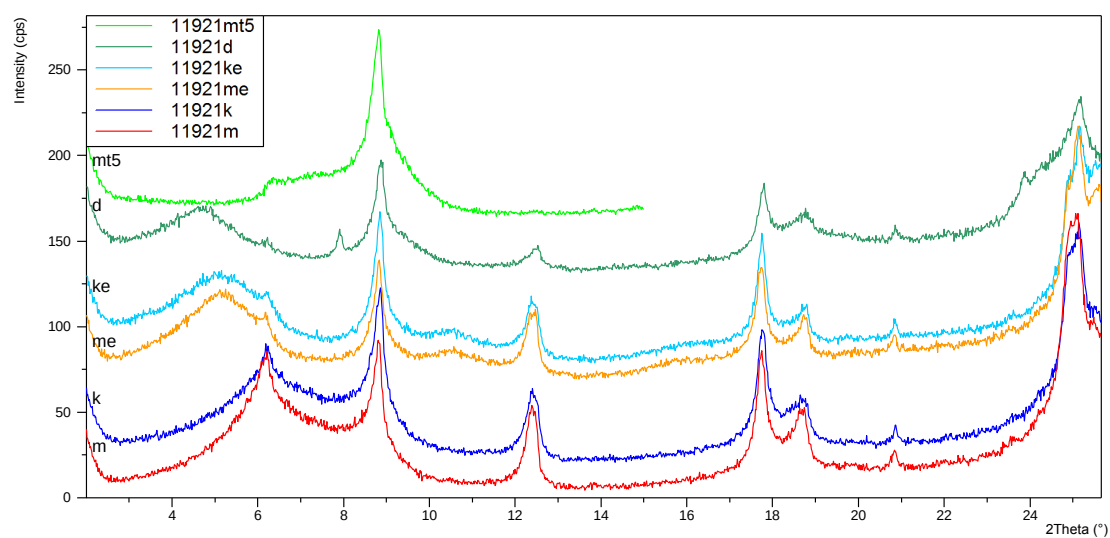
CMA 3.23 Likir. *Dzasa*. Sample 11752. Clay mineral analysis.

Likir – Adobe brick



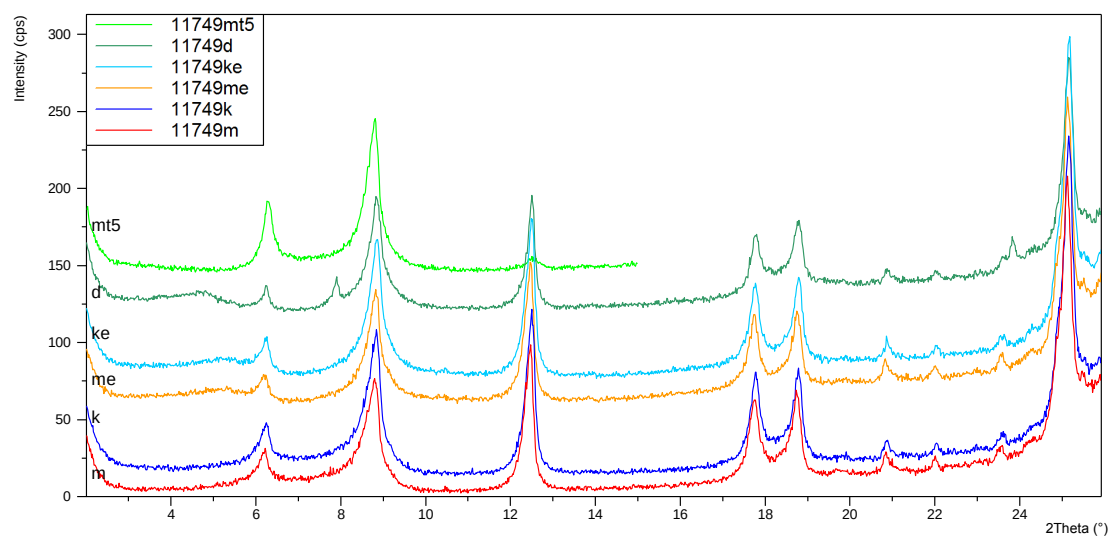
CMA 3.24 Likir. Adobe brick. Sample 11763. Clay mineral analysis.

Likir – Clay pit

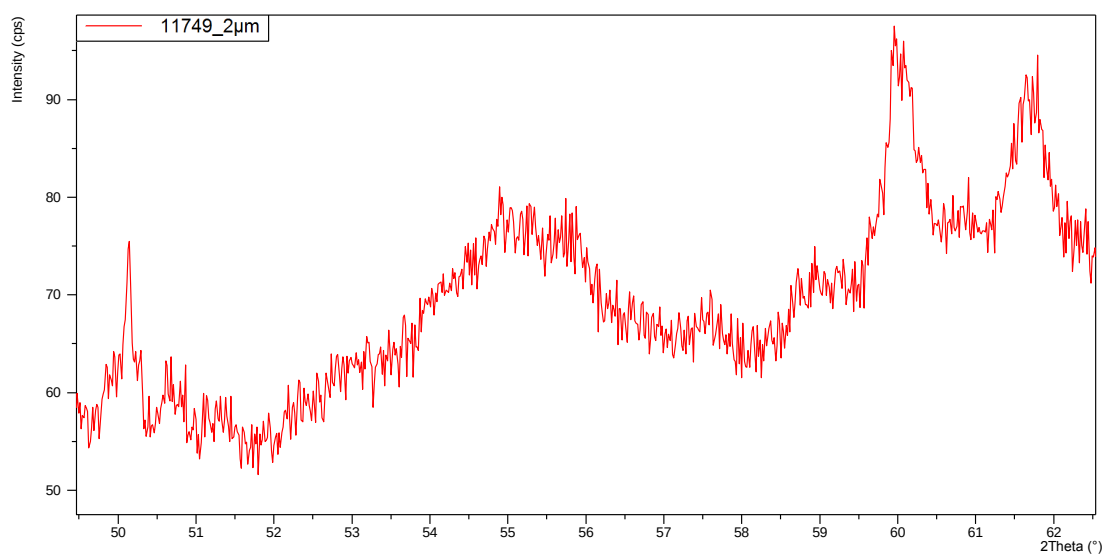


CMA 3.25 Likir. Clay pit. Sample 11921. Clay mineral analysis.

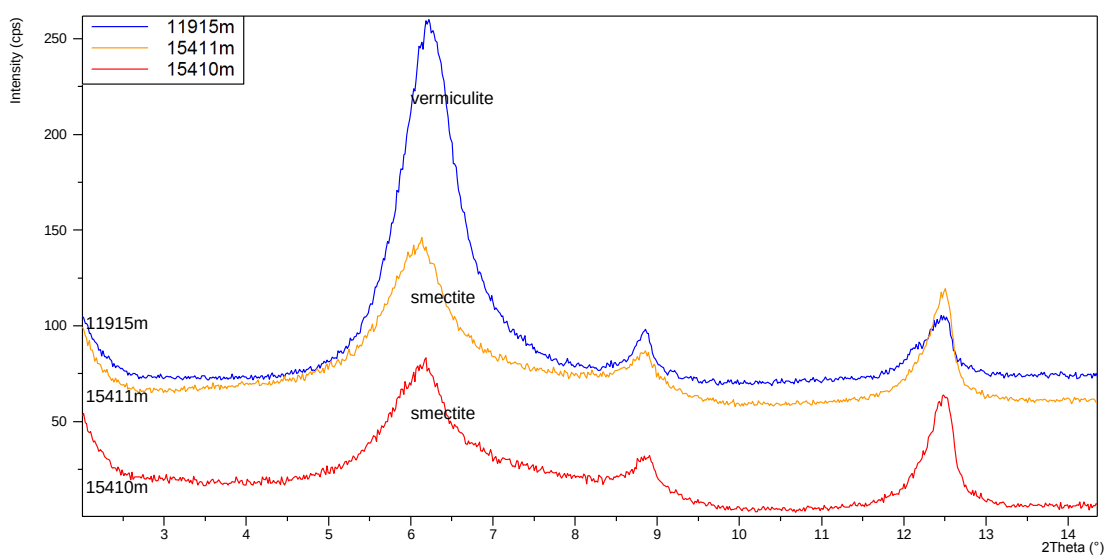
Likir – Sand



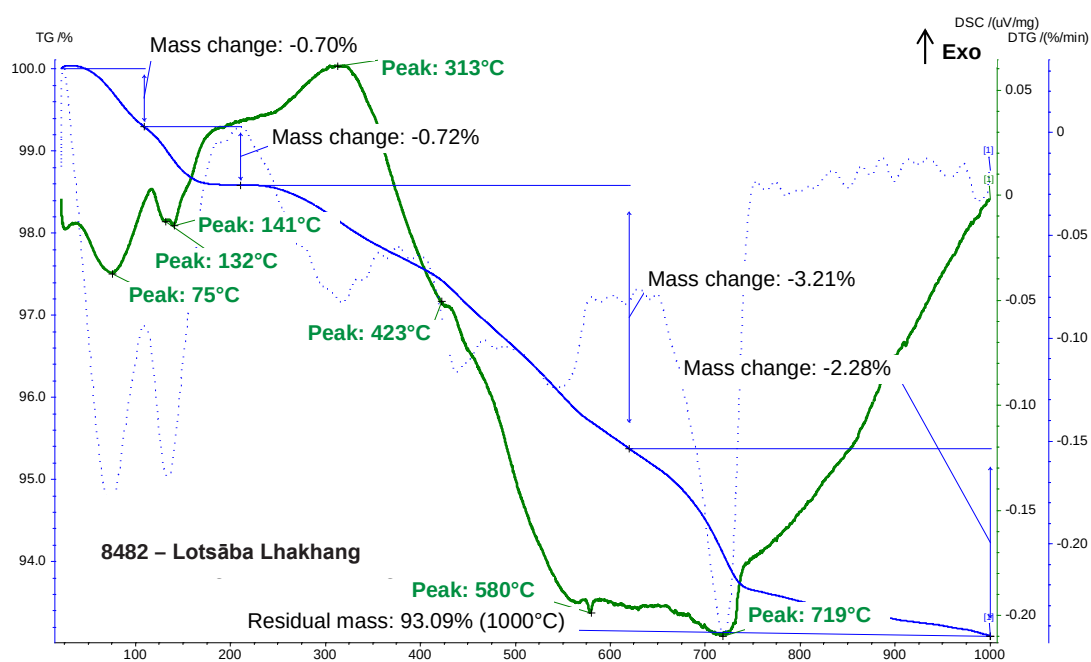
CMA 3.26 Likir. Sand. Sample 11749. Clay mineral analysis.



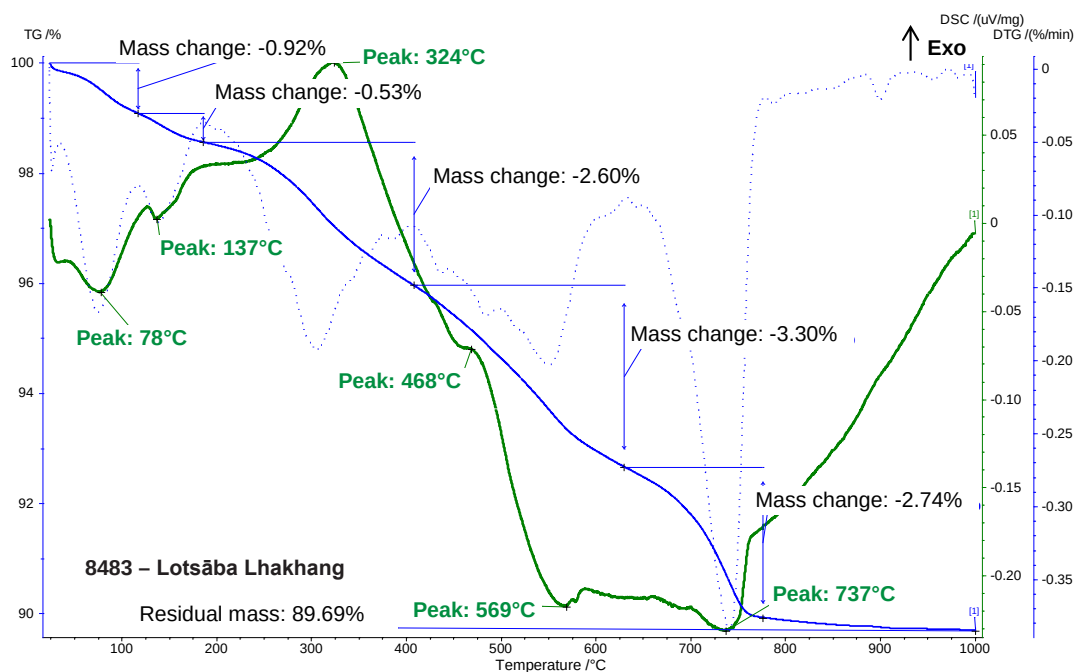
CMA 3.27 Likir. Sand. Sample 11749. Clay mineral analysis. Di-octahedral and tri-octahedral components.



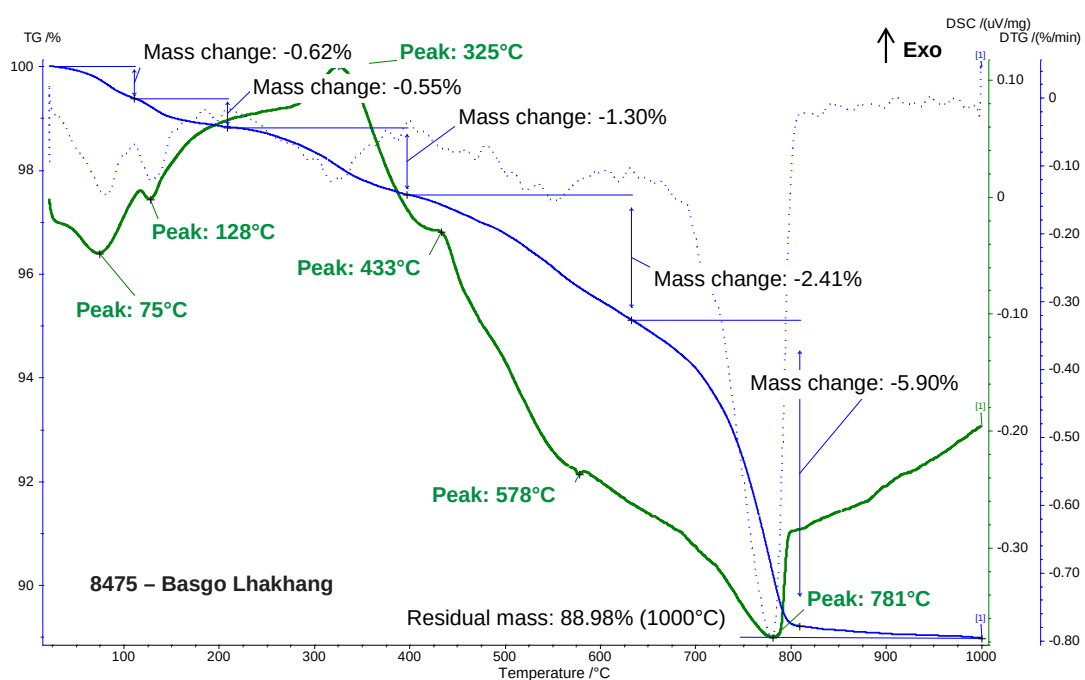
CMA 3.28 Basgo. Samples 15410, 15411 and 15915. Content of smectite and vermiculite.



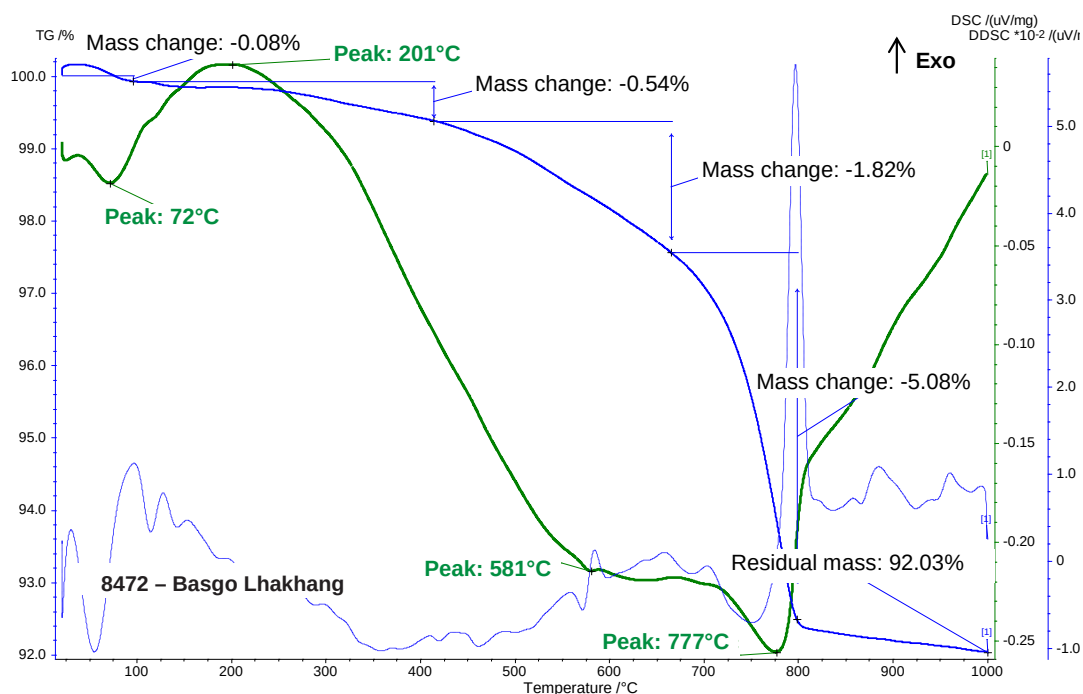
STA 3.1 Basgo. Lotsāba Lhakhang. 8482. Simultaneous thermal analysis.



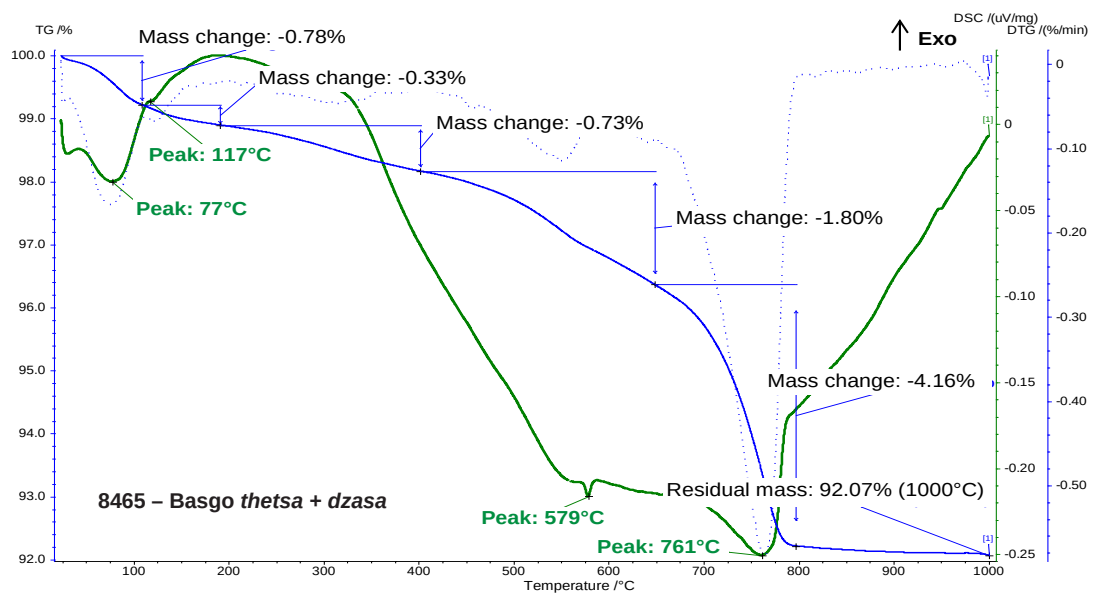
STA 3.2 Basgo. Lotsāba Lhakhang. 8483. Simultaneous thermal analysis.



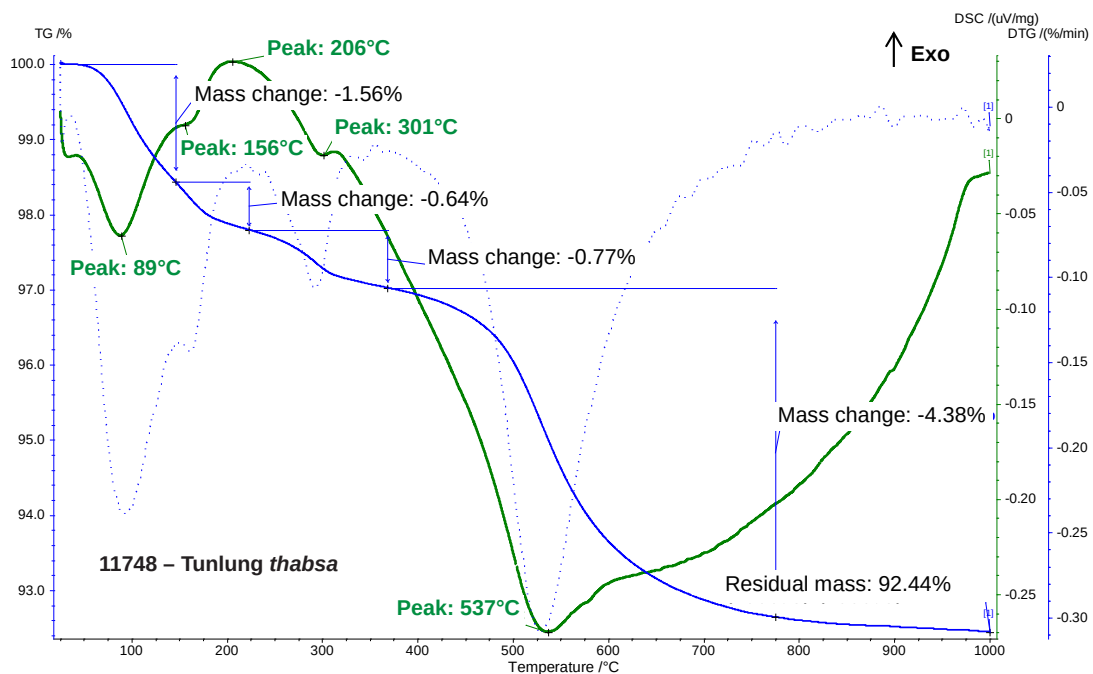
STA 3.3 Basgo. 'Lhakhang close to the road'. 8475. Simultaneous thermal analysis.



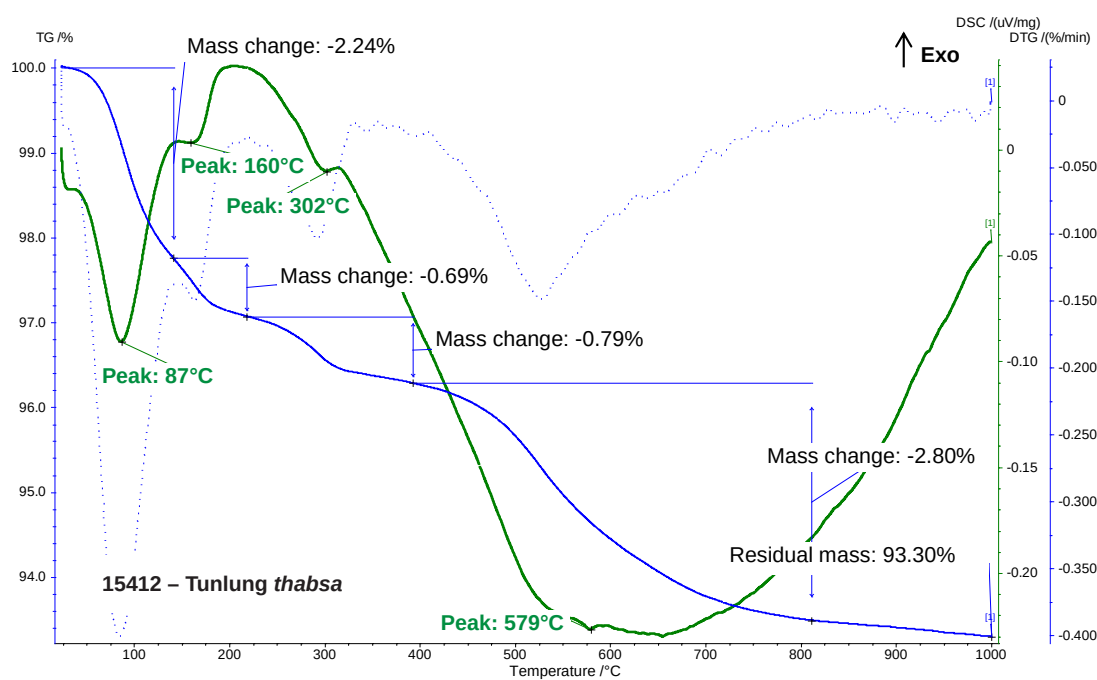
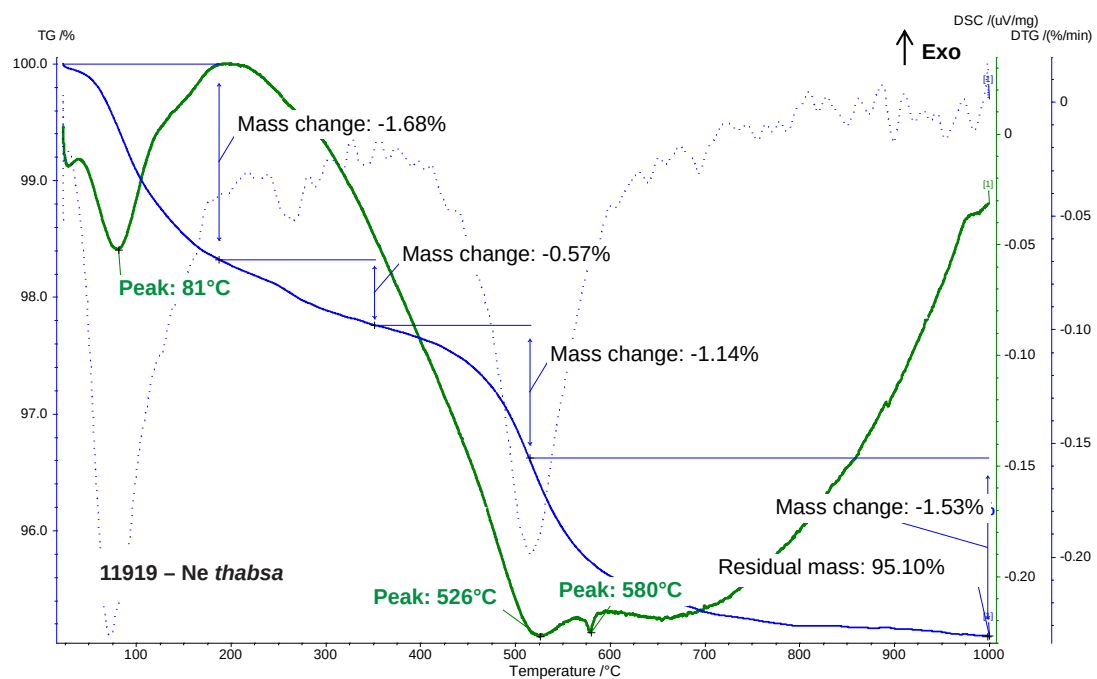
STA 3.4 Basgo. 'Lhakhang close to the road'. 8472. Simultaneous thermal analysis.

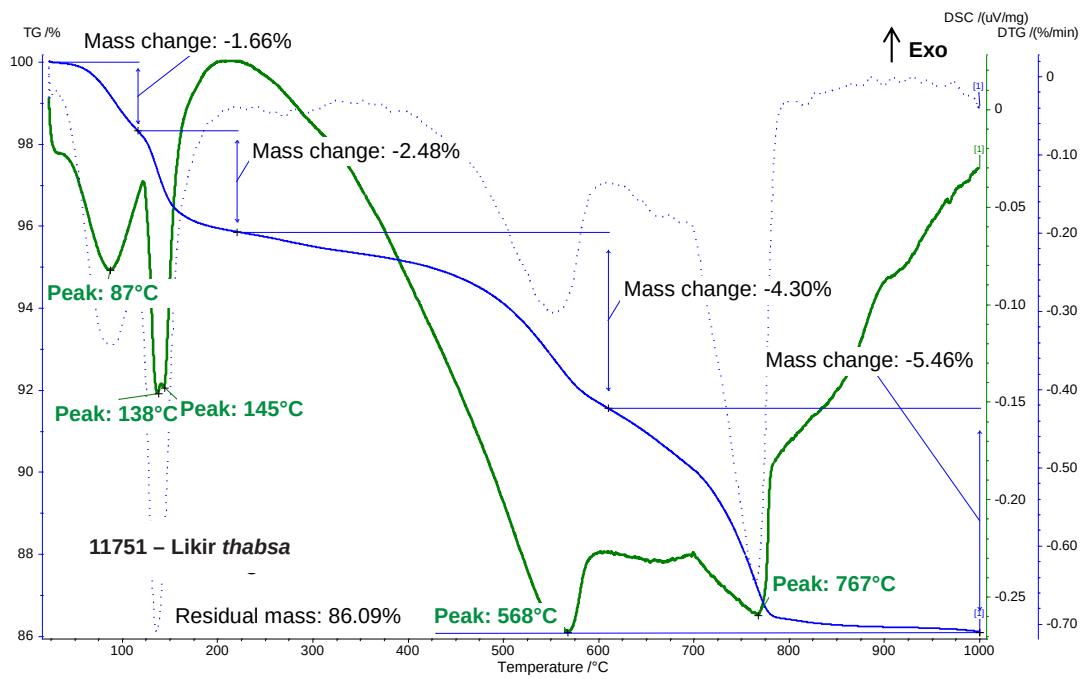


STA 3.5 Basgo, Sample 8465. Raw material. *Thetsa* and *dzasa* mixed. Simultaneous thermal analysis.

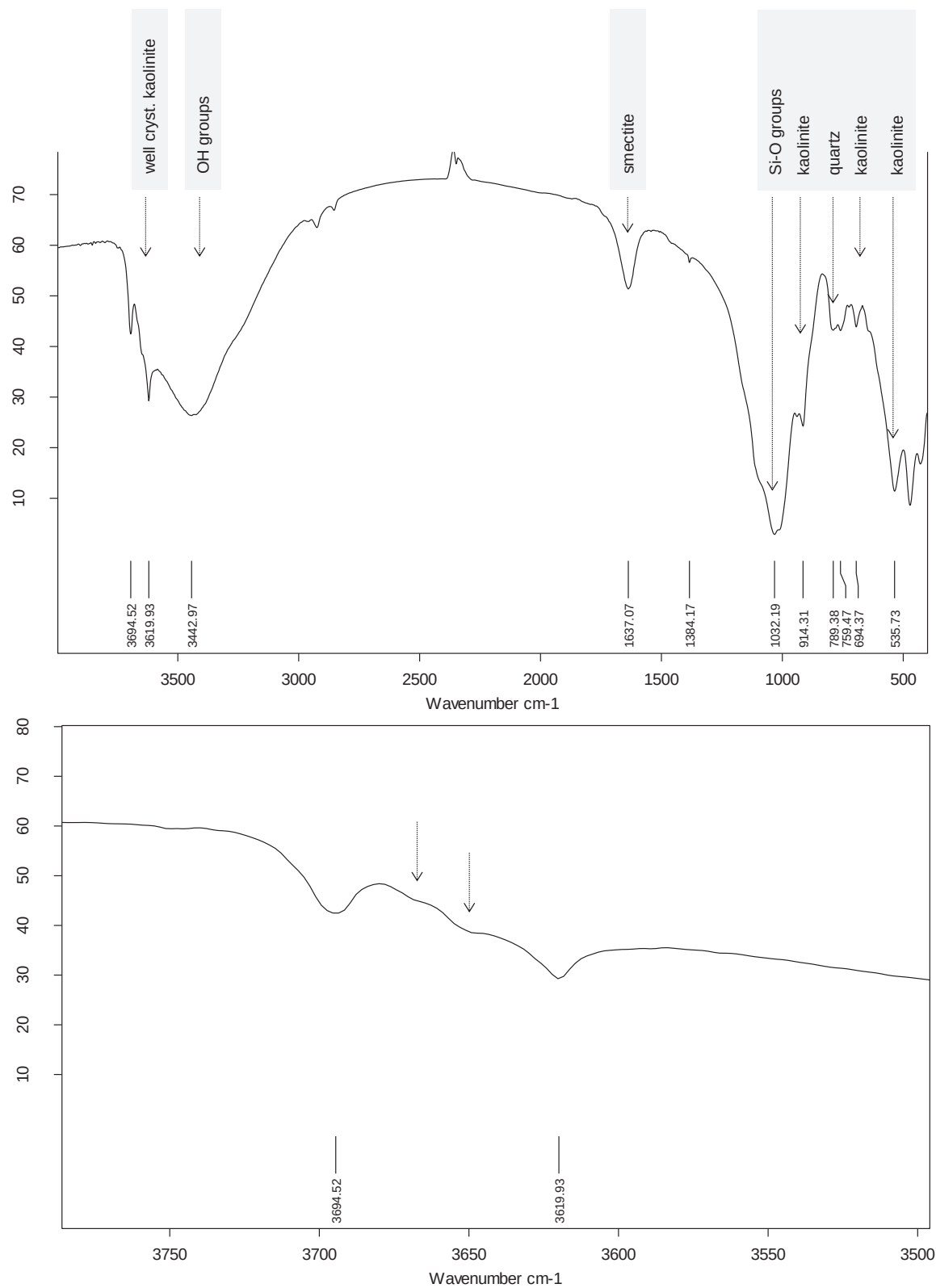


STA 3.6 Tunlung, Sample 11748. Raw material. *Thabsa*. Simultaneous thermal analysis.

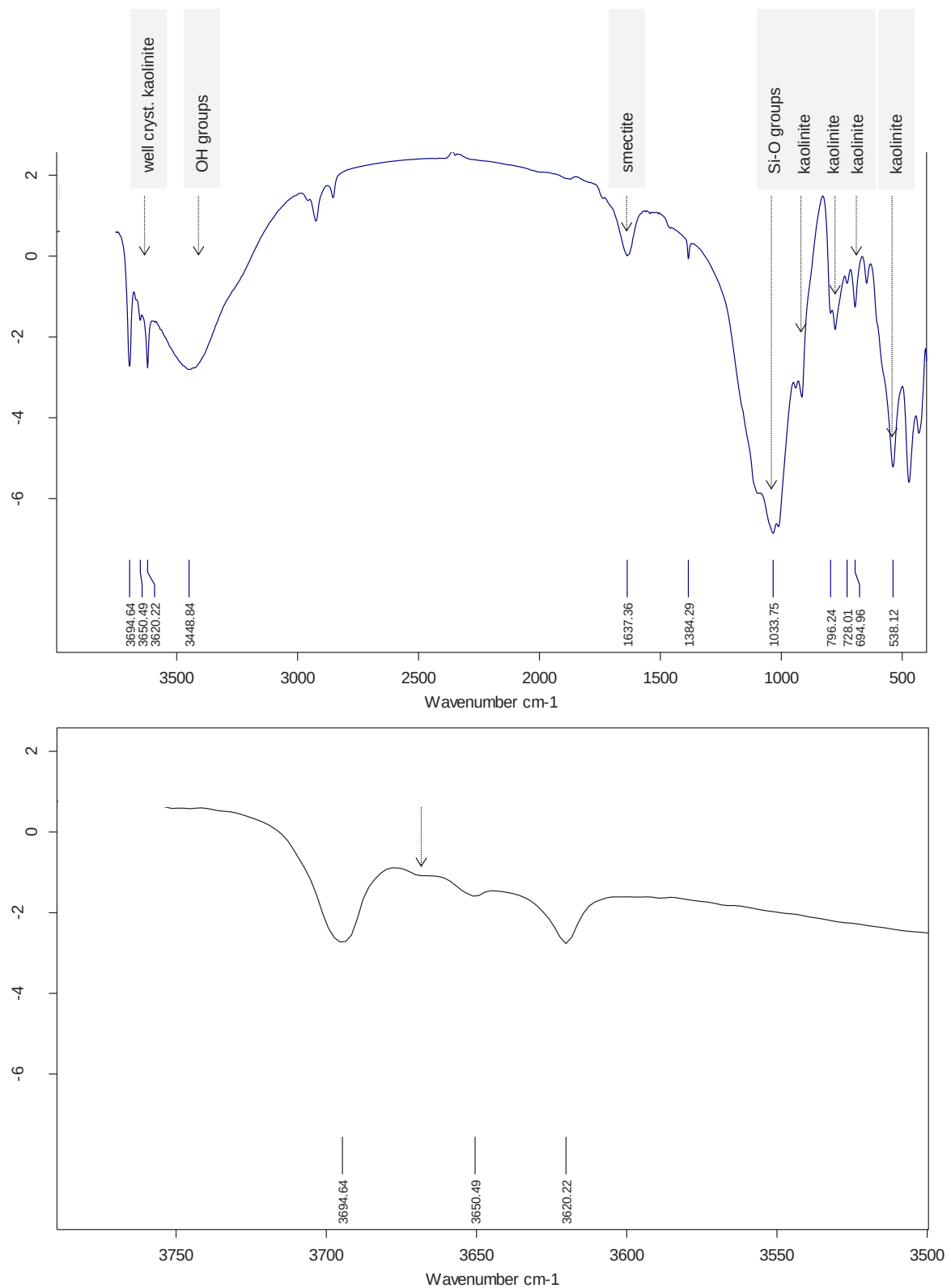
STA 3.7 Tunlung. Sample 15412. Raw material. *Thabsa*. Simultaneous thermal analysis.STA 3.8 Ne. Sample 11919. Raw material. *Thabsa*. Simultaneous thermal analysis.



STA 3.9 Likir. Sample 11751. Raw material. *Thabsa*. Simultaneous thermal analysis.



IRS 3.1 Tunlung, Sample 15412. Infrared spectroscopy. Below: Showing the content of well-crystallised kaolinite.



IRS 3.2 Ne. Sample 11919. Infrared spectroscopy. Below: Detail showing the content of well-crystallised kaolinite.