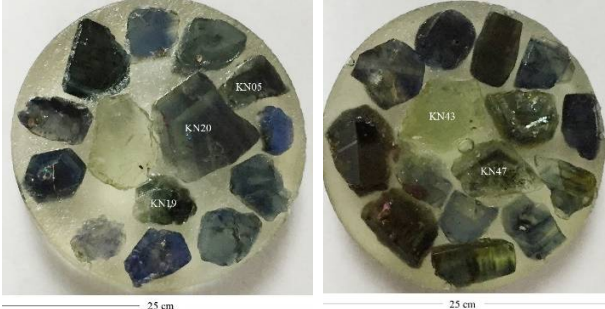


Table S1. Sapphire samples used in this study.

Area	Number	Sapphire description	Inclusion types
Binh Thuan	PT07	- Dark blue, dark bluish green to medium bluish green. - Average size about 5 mm. 	Hercynite
	PT17		Wüstite, hercynite
	PT18		Wüstite-hercynite
	PT22		Hercynite
	PT33		Wüstite-hercynite
	PT34		Hercynite
	PT49		Wüstite-hercynite
	PT55		Wüstite-hercynite, hercynite
	PT60		Wüstite-hercynite
	PT71		Wüstite-hercynite
Di Linh	DL14	- Dark blue to dark bluish green. - Average size about 5 mm. 	Wüstite-hercynite
	DL23		Titanohematite
	DL24		Wüstite-hercynite
	DL49		Wüstite-hercynite
	DL50		Wüstite
	DL56		Wüstite
	DL63		Wüstite-hercynite
	DL83		Wüstite-hercynite
	DL84		Wüstite-hercynite
	DL85		Titanohematite
Dak Nong	DN12	- Dark blue to medium blue, bluish green. - Average size about 5 mm. 	Hercynite
	DN16		Hercynite
	DN39		Titanohematite
	DN73		Wüstite-hercynite
	DN74		Wüstite-hercynite
	DN89		Wüstite-hercynite
Krong Nang	KN05	- Green, dark bluish green. - Average size about 7 mm. 	Wüstite-hercynite
	KN19		Wüstite-hercynite
	KN20		Wüstite-hercynite, hercynite
	KN43		Hercynite
	KN47		Hercynite
Pleiku	GL07	- Very dark bluish green to dark bluish green. - Average size about 8 mm.	Hercynite
	GL25		Titanomagnetite

	GL27		Wüstite-hercynite
	GL28		Titanohematite
	GL85		Wüstite-hercynite
	GL86		Titanomagnetite
	GL87		Wüstite-hercynite