

Table S1. Sampling point details for rivers.

River	Sampling site	The location of the sampling site	Geographic coordinates
Kharatadzor	Kh-1	Upper reach, upstream of Teghout mine's tailings dam	N41°05'27.8" E44°48'40.4"
	Kh-2	Lower reach, downstream of Teghout mine's tailings dam	N41°07'29.5" E44°50'37.0"
Dukanadzor	D-1	Upper reach, upstream of Teghout mine	N41°04'43.8" E44°51'13.4"
	D-2	Lower reach, downstream of Teghout mine	N41°05'09.7" E44°51'07.4"
Shnogh	Sh-1	Downstream of the confluence with the Dukanadzor River and upstream of the confluence with the Kharatadzor River	N41°07'28.6" E44°50'37.4"
	Sh-2	Downstream of the confluence with the Kharatadzor River	N41°07'30.6" E44°50'33.4"