

Table 1S - WDS-EDS analysis of garnet

Sample	Zone along the profile		SiO2	TiO2	Al2O3	Fe2O3	FeO	MnO	MgO	CaO	Total
TT2A	amphibolite-pegmatite contact	core	36.23	0.05	20.55	2.62	17.84	21.87	1.53	0.50	101.19
TT2A	amphibolite-pegmatite contact	core	36.18	0.11	20.42	1.82	18.40	21.20	1.55	0.57	100.24
TT2A	amphibolite-pegmatite contact	middle	35.87	0.09	20.53	2.39	18.67	20.08	1.88	0.48	99.98
TT2A	amphibolite-pegmatite contact	middle	36.29	0.02	20.70	1.64	20.03	19.38	1.70	0.57	100.32
TT2A	amphibolite-pegmatite contact	middle	35.89	0.08	20.48	1.94	17.68	21.96	1.25	0.66	99.93
TT2A	amphibolite-pegmatite contact	rim	36.76	0.00	21.11	1.04	20.98	17.52	2.46	0.66	100.53
TT2A	amphibolite-pegmatite contact	rim	36.31	0.03	20.73	1.67	20.77	17.76	2.26	0.51	100.03
TT2A	amphibolite-pegmatite contact	rim	37.12	0.05	20.90	0.34	19.25	15.27	1.92	4.92	99.77
TT2A	amphibolite-pegmatite contact	rim	35.96	0.15	20.62	1.83	21.64	18.35	1.19	0.61	100.35
TT2A	amphibolite-pegmatite contact	rim	36.89	0.04	20.45	0.56	23.52	17.50	1.22	0.58	100.76
TT2D	inner pegmatite	core	36.37	0.08	21.28	0.42	23.80	17.29	0.70	0.78	100.72
TT2D	inner pegmatite	core	36.01	0.16	20.41	0.71	20.20	20.92	0.40	0.86	99.67
TT2D	inner pegmatite	middle	36.00	0.08	20.53	0.95	19.57	21.56	0.39	0.79	99.86
TT2D	inner pegmatite	middle	36.33	0.13	20.73	0.90	20.92	20.76	0.38	0.73	100.88
TT2D	inner pegmatite	middle	36.05	0.15	20.59	1.15	20.08	21.05	0.43	0.83	100.33
TT2D	inner pegmatite	middle	35.97	0.02	20.56	1.34	21.08	19.89	0.44	0.79	100.09
TT2D	inner pegmatite	rim	36.72	0.05	20.78	0.00	24.33	17.07	0.63	0.70	100.28
TT2D	inner pegmatite	rim	36.76	0.10	20.88	0.19	20.28	21.81	0.36	0.81	101.19
TT2D	inner pegmatite	rim	36.20	0.02	20.87	0.76	25.97	14.78	0.81	0.72	100.12
TT2D	inner pegmatite	rim	36.11	0.04	20.81	0.26	24.27	16.46	0.70	0.80	99.45
TT2D	inner pegmatite	rim	36.62	0.03	20.88	0.78	22.84	18.85	0.57	0.67	101.24
TT2D	inner pegmatite	rim	35.86	0.03	21.56	1.13	23.72	16.88	0.65	0.73	100.56