

**ANEXO 4 - DADOS DE QUÍMICA ANALÍTICA DA INTRUSÃO CANASTRA - 5**

**Análises de Granada - Kimberlito Canastra - 5**

Nº Am.	G-001	G-002	G-003	G-004	G-005	G-006	G-007	G-008	G-009	G-010	G-011	G-012	G-013	G-014	G-015
SiO <sub>2</sub>	41.28	42.54	42.16	42.57	42.01	42.38	41.96	42.08	41.83	42.13	42.64	42.35	41.56	42.04	42.02
Al <sub>2</sub> O <sub>3</sub>	19.17	19.40	20.06	19.85	20.09	19.47	19.67	20.33	20.04	19.40	19.53	20.19	18.86	19.33	19.76
MgO	18.73	20.16	19.95	19.98	19.66	20.20	19.43	19.81	19.77	18.78	19.60	20.03	19.05	19.46	19.98
FeO	8.25	6.58	6.49	6.64	6.92	6.24	7.60	6.17	6.31	7.57	6.79	6.29	7.16	6.14	6.31
CaO	6.72	6.34	6.28	6.20	6.15	6.27	5.76	6.37	6.60	6.19	6.19	6.61	6.26	6.53	6.51
Cr <sub>2</sub> O <sub>3</sub>	6.43	5.34	5.11	5.19	4.87	4.98	5.45	4.93	4.89	5.80	5.05	5.01	6.13	5.05	4.86
MnO	0.47	0.37	0.33	0.38	0.39	0.37	0.50	0.41	0.36	0.57	0.37	0.39	0.42	0.34	0.40
TiO <sub>2</sub>	0.03	0.12	0.18	0.14	0.24	0.13	0.11	0.13	0.10	0.08	0.20	0.09	0.12	0.20	0.11
Na <sub>2</sub> O	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (%)	101.08	100.86	100.56	100.95	100.33	100.04	100.48	100.23	99.90	100.52	100.37	100.96	99.56	99.09	99.95

Nº Am.	G-016	G-017	G-018	G-019	G-020	G-021	G-022	G-023	G-024	G-025	G-026	G-027	G-028	G-029	G-030
SiO <sub>2</sub>	42.14	41.82	41.57	41.99	42.33	42.37	41.68	41.31	42.02	41.90	41.87	41.51	41.63	41.59	41.98
Al <sub>2</sub> O <sub>3</sub>	19.19	19.02	17.92	20.10	20.03	20.03	19.81	19.56	20.28	19.47	20.01	18.50	18.63	18.21	20.13
MgO	19.44	18.29	17.81	20.29	19.95	20.50	19.43	20.00	19.93	19.83	19.67	18.29	18.69	18.46	19.52
FeO	6.95	7.77	7.82	6.40	6.28	6.14	6.48	6.75	6.31	6.28	6.57	7.38	6.82	7.53	6.54
CaO	6.32	6.74	6.37	6.54	6.47	6.43	6.43	6.25	6.34	6.59	6.39	6.76	6.33	6.94	6.38
Cr <sub>2</sub> O <sub>3</sub>	6.32	6.87	6.85	5.26	4.89	4.91	4.73	4.76	4.73	5.07	5.18	6.61	6.23	7.12	5.13
MnO	0.45	0.44	0.45	0.35	0.34	0.40	0.37	0.38	0.32	0.34	0.33	0.56	0.41	0.56	0.36
TiO <sub>2</sub>	0.12	0.19	0.17	0.17	0.14	0.14	0.22	0.28	0.19	0.17	0.25	0.19	0.11	0.23	0.25
Na <sub>2</sub> O	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.05	0.00	0.00	0.01	0.01	0.00	0.00	0.01
Total (%)	100.93	101.14	98.96	101.11	100.43	100.92	99.18	99.34	100.12	99.65	100.28	99.81	98.85	100.64	100.30

Nº Am.	G-031	G-032	G-033	G-034	G-035	G-036	G-037	G-038	G-039	G-040	G-041	G-042	G-043	G-044	G-045
SiO <sub>2</sub>	41.93	41.12	40.64	41.65	41.14	41.20	41.19	41.09	41.20	41.27	41.42	41.68	41.40	41.25	41.43
Al <sub>2</sub> O <sub>3</sub>	19.20	17.66	18.01	19.31	19.25	20.02	18.53	18.00	18.54	20.14	18.33	19.44	18.39	18.21	17.73
MgO	19.36	18.29	18.62	20.99	19.31	19.06	18.84	18.07	19.47	18.90	18.37	20.45	18.77	18.54	18.85
FeO	7.38	6.90	7.49	6.93	7.68	8.20	7.43	7.80	7.40	9.03	7.43	7.17	7.55	7.52	6.89
CaO	6.60	6.98	6.35	3.98	5.79	5.67	6.09	6.77	5.44	5.09	6.60	4.38	6.17	6.23	6.45
Cr <sub>2</sub> O <sub>3</sub>	6.41	7.34	7.17	5.72	5.69	4.22	6.83	7.22	6.80	4.48	6.92	5.99	7.15	7.12	7.76
MnO	0.49	0.60	0.48	0.38	0.46	0.43	0.47	0.47	0.47	0.51	0.43	0.49	0.48	0.40	0.41
TiO <sub>2</sub>	0.12	0.14	0.09	0.06	0.12	0.27	0.08	0.06	0.07	0.23	0.07	0.05	0.11	0.15	0.09
Na <sub>2</sub> O	0.00	0.00	0.05	0.04	0.04	0.00	0.01	0.02	0.01	0.08	0.04	0.04	0.03	0.07	0.05
Total (%)	101.49	99.03	98.90	99.06	99.48	99.07	99.47	99.50	99.40	99.73	99.61	99.69	100.05	99.49	99.66

**Análises de Granada - Kimberlito Canastra - 5**

Nº Am.	G-046	G-047	G-048	G-049	G-050	G-051	G-052	G-053	G-054	G-055	G-056	G-057	G-058	G-059	G-060
SiO <sub>2</sub>	41.69	41.12	40.77	41.02	41.22	41.69	41.27	40.65	41.48	41.45	41.08	41.18	41.47	41.36	41.47
Al <sub>2</sub> O <sub>3</sub>	20.48	20.10	17.98	18.59	18.51	21.43	18.04	20.46	22.49	19.07	17.82	18.66	22.70	19.43	19.54
MgO	18.98	18.73	18.19	18.22	19.12	18.87	18.80	17.70	18.83	19.78	18.07	18.24	16.32	21.31	19.93
FeO	8.94	9.06	7.60	8.03	7.36	9.27	7.53	11.43	10.90	7.54	7.33	7.71	9.83	6.86	7.11
CaO	5.12	5.13	6.63	6.40	5.78	4.91	6.06	5.17	4.48	5.06	6.88	6.14	8.21	3.77	4.71
Cr <sub>2</sub> O <sub>3</sub>	3.69	4.43	7.12	6.73	6.50	2.48	7.19	2.99	0.61	5.92	7.61	6.61	0.35	5.76	5.69
MnO	0.41	0.48	0.43	0.50	0.45	0.42	0.47	0.33	0.35	0.50	0.58	0.45	0.29	0.45	0.43
TiO <sub>2</sub>	0.13	0.22	0.14	0.08	0.09	0.22	0.12	0.26	0.13	0.04	0.12	0.06	0.03	0.10	0.06
Na <sub>2</sub> O	0.05	0.03	0.03	0.01	0.00	0.05	0.01	0.02	0.00	0.02	0.03	0.00	0.04	0.00	0.04
Total (%)	99.49	99.30	98.89	99.58	99.03	99.34	99.49	99.01	99.27	99.38	99.52	99.05	99.24	99.04	98.98

Nº Am.	G-061	G-062	G-063	G-064	G-065	G-066	G-067	G-068	G-069	G-070	G-071	G-072	G-073	G-074	G-075
SiO <sub>2</sub>	41.86	41.60	40.58	41.24	41.81	41.55	40.93	41.03	41.75	40.92	41.68	41.21	41.34	40.72	41.82
Al <sub>2</sub> O <sub>3</sub>	21.71	21.62	18.27	19.00	22.09	18.69	17.72	20.47	21.88	18.43	19.00	18.26	19.30	17.73	21.82
MgO	19.84	19.88	19.05	20.01	18.08	18.69	18.30	18.95	20.31	18.90	20.32	18.66	19.04	17.66	20.49
FeO	8.89	8.83	7.62	7.28	10.93	7.23	7.78	8.81	8.61	7.44	6.95	7.47	7.69	7.26	8.54
CaO	4.66	4.66	5.65	4.74	4.46	6.16	6.41	5.26	4.55	6.27	4.69	6.23	5.76	6.92	4.54
Cr <sub>2</sub> O <sub>3</sub>	1.80	1.73	7.07	6.01	1.68	6.61	7.42	3.54	1.93	6.80	6.36	6.85	5.68	7.68	1.81
MnO	0.41	0.35	0.41	0.44	0.31	0.46	0.54	0.49	0.38	0.38	0.51	0.41	0.45	0.40	0.31
TiO <sub>2</sub>	0.31	0.48	0.08	0.09	0.06	0.09	0.38	0.20	0.28	0.07	0.06	0.09	0.08	0.05	0.21
Na <sub>2</sub> O	0.06	0.08	0.02	0.00	0.05	0.04	0.09	0.04	0.08	0.05	0.04	0.03	0.01	0.01	0.02
Total (%)	99.54	99.23	98.75	98.81	99.47	99.52	99.57	98.79	99.77	99.26	99.61	99.21	99.35	98.43	99.56

Nº Am.	G-076	G-077	G-078	G-079	G-080	G-081	G-082	G-083	G-084	G-085	G-086	G-087	G-088	G-089	G-090
SiO <sub>2</sub>	41.95	41.58	40.71	42.60	41.66	40.63	40.70	40.96	41.02	41.09	41.39	40.91	40.97	41.30	41.19
Al <sub>2</sub> O <sub>3</sub>	20.08	18.92	18.05	21.01	21.90	18.48	18.43	18.04	18.04	18.79	19.35	18.19	19.01	19.49	18.93
MgO	22.63	18.56	18.09	23.01	20.11	18.38	18.77	18.16	17.75	18.69	18.85	18.39	18.99	18.44	18.54
FeO	7.00	7.60	7.73	7.07	8.51	7.41	6.90	7.63	7.95	7.19	7.71	7.42	6.86	7.86	7.86
CaO	2.02	5.97	6.36	2.20	4.37	6.43	6.10	6.43	7.08	6.28	6.06	6.35	6.22	6.30	5.84
Cr <sub>2</sub> O <sub>3</sub>	5.36	6.38	6.85	4.15	1.80	6.75	6.85	7.21	6.77	6.72	5.66	7.07	6.24	5.49	6.14
MnO	0.44	0.44	0.49	0.41	0.40	0.44	0.46	0.56	0.46	0.46	0.38	0.52	0.38	0.44	0.52
TiO <sub>2</sub>	0.02	0.06	0.16	0.03	0.29	0.09	0.16	0.10	0.09	0.09	0.11	0.28	0.04	0.06	0.08
Na <sub>2</sub> O	0.02	0.03	0.02	0.00	0.05	0.02	0.05	0.00	0.04	0.02	0.00	0.09	0.04	0.04	0.03
Total (%)	99.52	99.54	98.46	100.48	99.09	98.63	98.42	99.09	99.20	99.33	99.51	99.22	98.75	99.42	99.13

**Análises de Granada - Kimberlito Canastra - 5**

Nº Am.	G-091	G-092	G-093	G-094	G-095	G-096	G-097	G-098	G-099	G-100	G-101	G-102	G-103	G-104	G-105
<b>SiO<sub>2</sub></b>	41.81	40.80	41.14	41.38	40.41	41.24	40.62	41.56	41.33	41.06	41.45	41.01	40.80	40.74	40.72
<b>Al<sub>2</sub>O<sub>3</sub></b>	19.82	17.46	21.60	20.18	17.77	19.50	18.01	20.26	20.27	18.38	18.76	19.69	18.84	18.25	17.97
<b>MgO</b>	22.07	17.60	19.67	21.09	18.27	21.64	18.61	22.09	21.71	18.86	18.89	19.30	18.77	18.13	18.19
<b>FeO</b>	6.97	8.00	8.86	6.95	7.46	7.13	7.18	7.15	7.14	7.19	7.68	7.50	7.64	7.61	7.24
<b>CaO</b>	2.78	6.87	4.76	4.22	6.43	3.24	6.38	2.87	3.37	6.03	5.96	5.52	5.92	6.32	6.86
<b>Cr<sub>2</sub>O<sub>3</sub></b>	5.25	7.83	2.34	4.98	7.36	5.53	7.07	4.92	5.37	6.70	6.26	5.24	6.29	7.13	7.36
<b>MnO</b>	0.36	0.53	0.40	0.41	0.46	0.42	0.50	0.47	0.39	0.46	0.47	0.43	0.51	0.40	0.45
<b>TiO<sub>2</sub></b>	0.05	0.11	0.07	0.00	0.07	0.03	0.09	0.05	0.04	0.10	0.13	0.07	0.12	0.07	0.23
<b>Na<sub>2</sub>O</b>	0.03	0.00	0.01	0.01	0.02	0.02	0.03	0.02	0.00	0.01	0.03	0.01	0.02	0.03	0.03
<b>Total (%)</b>	99.14	99.20	98.85	99.22	98.25	98.75	98.49	99.39	99.62	98.79	99.63	98.77	98.91	98.68	99.05

Nº Am.	G-106	G-107	G-108
<b>SiO<sub>2</sub></b>	40.90	40.91	40.97
<b>Al<sub>2</sub>O<sub>3</sub></b>	17.78	17.89	21.68
<b>MgO</b>	18.64	18.52	16.37
<b>FeO</b>	7.25	7.51	10.91
<b>CaO</b>	6.16	6.42	6.99
<b>Cr<sub>2</sub>O<sub>3</sub></b>	7.73	7.26	1.58
<b>MnO</b>	0.40	0.46	0.39
<b>TiO<sub>2</sub></b>	0.09	0.35	0.13
<b>Na<sub>2</sub>O</b>	0.06	0.05	0.03
<b>Total (%)</b>	99.01	99.37	99.05

**Análises de Espinélio - Kimberlito Canastra - 5**

Nº Am.	S-001	S-002	S-003	S-004	S-005	S-006	S-007	S-008	S-009	S-010	S-011	S-012	S-013	S-014	S-015
SiO <sub>2</sub>	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
Al <sub>2</sub> O <sub>3</sub>	10.21	25.17	7.34	8.87	6.65	24.26	8.90	9.58	18.01	9.60	9.98	6.10	37.64	5.27	23.49
MgO	11.56	14.31	12.10	13.64	11.72	13.18	11.54	12.69	12.70	13.30	10.90	12.75	16.97	11.50	13.06
FeO	21.35	19.20	22.35	18.04	25.33	21.28	18.99	21.84	18.14	18.63	23.81	20.67	12.23	22.78	14.72
CaO	0.11	0.10	0.12	0.12	0.10	0.12	0.13	0.12	0.12	0.00	0.00	0.02	0.00	0.02	0.09
Cr <sub>2</sub> O <sub>3</sub>	55.08	39.29	56.53	55.36	49.71	38.84	58.87	54.61	49.90	57.64	52.65	57.39	33.43	58.67	48.62
MnO	0.23	0.30	0.34	0.28	0.28	0.25	0.23	0.24	0.21	0.31	0.50	0.35	0.22	0.35	0.33
TiO <sub>2</sub>	0.13	0.30	1.69	1.83	4.56	0.27	0.25	1.10	0.18	1.38	2.73	3.26	0.00	2.57	0.32
Na <sub>2</sub> O	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.02
Total (%)	98.67	98.67	100.47	98.18	98.35	98.20	98.91	100.18	99.26	100.86	100.57	100.55	100.49	101.18	100.69

Nº Am.	S-016	S-017	S-018	S-019	S-020	S-021	S-022	S-023	S-024	S-025	S-026	S-027	S-028	S-029	S-030
SiO <sub>2</sub>	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.16	0.00	0.06	0.06	0.00	0.00	0.00
Al <sub>2</sub> O <sub>3</sub>	22.14	10.25	19.61	21.67	11.15	7.44	15.17	8.86	9.75	11.46	8.21	22.60	8.32	9.66	10.53
MgO	11.68	12.34	11.90	12.04	14.21	11.96	12.94	11.44	11.29	11.16	9.31	13.79	11.73	13.18	10.10
FeO	22.59	18.73	20.55	16.88	18.51	28.84	22.46	18.49	18.37	19.09	21.45	16.73	20.93	18.70	18.46
CaO	0.00	0.01	0.00	0.08	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00
Cr <sub>2</sub> O <sub>3</sub>	42.38	58.28	45.47	48.20	53.59	46.46	47.14	56.55	55.40	56.83	55.66	44.82	57.24	54.39	58.57
MnO	0.32	0.32	0.27	0.29	0.31	0.40	0.30	0.31	0.28	0.30	0.30	0.24	0.32	0.30	0.32
TiO <sub>2</sub>	0.21	0.12	0.40	0.68	2.68	4.77	2.13	2.85	3.70	0.32	3.59	0.13	0.98	2.72	0.25
Na <sub>2</sub> O	0.00	0.04	0.00	0.08	0.06	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Total (%)	99.32	100.09	98.20	99.94	100.51	99.90	100.14	98.51	99.07	99.17	98.58	98.37	99.52	98.95	98.23

Nº Am.	S-031	S-032	S-033	S-034	S-035	S-036	S-037	S-038	S-039	S-040	S-041	S-042	S-043	S-044	S-045
SiO <sub>2</sub>	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.03
Al <sub>2</sub> O <sub>3</sub>	11.76	9.92	3.81	8.81	26.11	9.10	9.83	25.41	4.98	17.99	10.63	1.44	36.83	28.80	12.10
MgO	14.92	11.29	10.14	12.06	12.02	11.34	12.21	11.68	9.42	10.45	12.43	7.67	14.86	13.75	13.21
FeO	19.72	20.41	29.49	18.59	21.02	24.43	18.41	23.09	23.49	15.31	17.75	35.68	13.85	16.76	27.14
CaO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.00	0.01	0.05	0.00	0.05
Cr <sub>2</sub> O <sub>3</sub>	47.54	56.59	51.75	57.54	40.10	53.36	59.41	38.48	56.56	55.21	59.14	51.12	34.52	39.77	43.67
MnO	0.28	0.52	0.39	0.29	0.33	0.48	0.37	0.42	0.36	0.37	0.35	0.46	0.22	0.32	0.31
TiO <sub>2</sub>	5.01	1.12	3.53	0.87	0.19	1.20	0.86	0.27	3.39	0.22	0.61	4.18	0.11	0.38	4.35
Na <sub>2</sub> O	0.00	0.00	0.00	0.00	0.00	0.05	0.02	0.00	0.07	0.00	0.00	0.04	0.00	0.00	0.00
Total (%)	99.25	99.85	99.11	98.16	99.77	99.96	101.11	99.35	98.28	99.67	100.91	100.60	100.45	99.78	100.86

**Análises de Espinélio - Kimberlito Canastra - 5**

Nº Am.	S-046	S-047	S-048	S-049	S-050	S-051	S-052	S-053	S-054	S-055	S-056	S-057	S-058	S-059	S-060
SiO <sub>2</sub>	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00
Al <sub>2</sub> O <sub>3</sub>	15.60	11.12	9.12	10.42	8.37	9.21	5.25	8.77	33.94	41.56	8.04	9.55	3.97	4.26	10.12
MgO	11.73	12.81	9.92	11.81	12.07	12.13	10.41	12.70	16.22	14.32	10.24	9.45	11.02	9.31	11.72
FeO	24.86	16.72	20.23	20.23	20.52	19.66	28.97	18.35	13.17	12.21	20.32	18.32	25.63	24.62	20.69
CaO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.09	0.02	0.00	0.01
Cr <sub>2</sub> O <sub>3</sub>	46.12	59.32	60.37	57.04	55.82	57.46	51.44	59.87	35.45	31.17	56.78	60.58	55.38	56.61	56.01
MnO	0.35	0.26	0.39	0.32	0.37	0.32	0.41	0.39	0.23	0.21	0.34	0.36	0.44	0.27	0.32
TiO <sub>2</sub>	0.58	0.38	0.26	0.77	2.22	2.39	4.02	1.28	0.10	0.14	3.44	0.70	3.60	4.02	1.22
Na <sub>2</sub> O	0.03	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.00	0.00	0.00
Total (%)	99.27	100.61	100.29	100.59	99.42	101.17	100.51	101.36	99.11	99.67	99.19	99.15	100.06	99.09	100.09

Nº Am.	S-061	S-062	S-063	S-064	S-065	S-066	S-067	S-068	S-069	S-070	S-071	S-072	S-073	S-074	S-075
SiO <sub>2</sub>	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Al <sub>2</sub> O <sub>3</sub>	7.23	15.85	10.27	36.68	10.53	36.44	9.54	7.02	16.62	11.71	7.97	15.23	11.28	10.03	34.93
MgO	11.70	11.12	14.05	15.54	11.83	15.68	9.42	11.07	12.65	11.04	12.56	11.06	11.15	14.47	15.65
FeO	33.11	18.23	17.57	13.76	17.74	13.51	38.79	19.74	22.28	18.17	22.50	24.24	17.90	18.12	13.30
CaO	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Cr <sub>2</sub> O <sub>3</sub>	41.46	54.15	55.64	33.51	56.64	33.32	35.64	57.71	46.50	58.59	54.94	48.03	56.88	54.68	35.15
MnO	0.50	0.29	0.27	0.23	0.25	0.28	0.58	0.32	0.35	0.36	0.33	0.41	0.29	0.29	0.30
TiO <sub>2</sub>	6.50	0.32	2.42	0.00	2.63	0.00	6.14	4.32	2.59	0.01	2.99	0.74	1.59	2.93	0.00
Na <sub>2</sub> O	0.01	0.00	0.02	0.03	0.02	0.03	0.04	0.00	0.06	0.00	0.00	0.01	0.00	0.00	0.00
Total (%)	100.51	99.96	100.24	99.75	99.64	99.26	100.22	100.18	101.05	99.88	101.30	99.72	99.09	100.52	99.33

Nº Am.	S-076	S-077	S-078	S-079	S-080	S-081	S-082	S-083	S-084	S-085	S-086	S-087	S-088	S-089	S-090
SiO <sub>2</sub>	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.10
Al <sub>2</sub> O <sub>3</sub>	10.64	43.18	1.73	7.62	11.57	37.16	5.42	5.18	12.54	5.52	40.53	13.60	9.98	22.58	10.98
MgO	11.98	16.83	9.26	10.60	12.14	15.55	11.15	8.01	13.76	10.37	15.88	12.96	13.84	12.44	11.09
FeO	19.50	13.30	47.47	23.21	16.11	13.32	37.49	49.82	18.19	19.34	11.43	22.36	18.62	17.96	17.03
CaO	0.00	0.00	0.03	0.01	0.10	0.07	0.03	0.04	0.00	0.10	0.06	0.00	0.00	0.00	0.11
Cr <sub>2</sub> O <sub>3</sub>	58.13	27.34	30.02	57.08	57.12	33.78	38.11	28.74	52.77	61.75	31.36	47.96	54.56	46.93	58.71
MnO	0.37	0.18	0.73	0.37	0.27	0.21	0.47	0.71	0.27	0.35	0.21	0.34	0.29	0.29	0.30
TiO <sub>2</sub>	0.24	0.00	9.39	1.37	2.25	0.14	6.24	6.15	1.18	2.98	0.13	1.96	3.80	0.15	1.72
Na <sub>2</sub> O	0.11	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.01	0.00	0.03	0.00
Total (%)	100.97	100.83	98.65	100.28	99.73	100.23	98.91	98.65	98.71	100.51	99.67	99.19	101.09	100.38	100.04

**Análises de Espinélio - Kimberlito Canastra - 5**

Nº Am.	S-091	S-092	S-093	S-094	S-095	S-096	S-097	S-098	S-099	S-100	S-101	S-102	S-103	S-104	S-105
<b>SiO<sub>2</sub></b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39
<b>Al<sub>2</sub>O<sub>3</sub></b>	10.38	25.16	29.25	25.47	9.84	11.64	10.34	10.83	12.39	10.97	29.98	9.11	16.02	4.19	4.15
<b>MgO</b>	12.04	14.96	14.81	12.26	12.17	11.03	11.28	10.61	12.99	11.02	14.41	14.04	13.62	11.32	7.65
<b>FeO</b>	18.24	20.28	14.18	22.79	17.33	21.92	18.92	19.72	16.22	17.57	15.08	19.89	17.99	24.23	26.18
<b>CaO</b>	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
<b>Cr<sub>2</sub>O<sub>3</sub></b>	59.10	38.45	41.01	39.80	60.58	54.84	59.45	56.81	57.70	60.20	39.11	52.35	52.82	57.07	55.62
<b>MnO</b>	0.35	0.29	0.32	0.34	0.35	0.41	0.36	0.30	0.32	0.34	0.33	0.37	0.32	0.37	0.37
<b>TiO<sub>2</sub></b>	0.14	0.17	0.04	0.40	0.76	0.55	0.08	0.30	0.17	0.24	0.11	4.92	0.29	3.93	4.71
<b>Na<sub>2</sub>O</b>	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.07
<b>Total (%)</b>	100.27	99.32	99.61	101.06	101.04	100.39	100.43	98.57	99.79	100.34	99.02	100.70	101.06	101.12	99.17

Nº Am.	S-106	S-107	S-108	S-109	S-110	S-111	S-112	S-113	S-114	S-115
<b>SiO<sub>2</sub></b>	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
<b>Al<sub>2</sub>O<sub>3</sub></b>	15.09	10.82	9.05	15.91	7.39	11.76	36.68	17.43	4.99	36.41
<b>MgO</b>	12.86	12.36	11.77	10.62	11.52	9.49	16.36	12.37	9.47	14.81
<b>FeO</b>	29.37	19.11	29.58	16.14	20.32	19.76	13.13	23.19	23.49	13.99
<b>CaO</b>	0.01	0.00	0.02	0.09	0.02	0.00	0.00	0.12	0.01	0.03
<b>Cr<sub>2</sub>O<sub>3</sub></b>	37.04	57.74	42.90	56.39	59.83	58.57	33.43	44.46	56.59	34.48
<b>MnO</b>	0.37	0.35	0.41	0.31	0.33	0.26	0.24	0.37	0.35	0.23
<b>TiO<sub>2</sub></b>	5.57	0.25	5.07	0.29	1.83	0.28	0.02	1.33	3.42	0.22
<b>Na<sub>2</sub>O</b>	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.03	0.07	0.00
<b>Total (%)</b>	100.32	100.63	98.80	99.80	101.29	100.12	99.86	99.30	98.39	100.17