

**ANEXO 5 - DADOS DE QUÍMICA ANALÍTICA DA INTRUSÃO CANASTRA - 8**

**Análises de Granada - Kimberlito Canastra - 8**

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>	42.42	41.41	41.00	41.92	41.25	40.87	40.88	40.67	41.08	42.15	41.93	42.25	41.18	40.99	41.08
Al <sub>2</sub> O <sub>3</sub>	21.24	21.69	21.62	20.48	21.79	19.22	19.50	19.27	20.52	20.77	20.74	21.01	19.02	20.28	21.50
MgO	23.07	18.44	18.69	17.93	18.43	18.03	18.30	18.40	17.93	22.43	22.32	21.07	18.63	18.76	18.50
FeO	7.00	9.73	8.83	8.66	9.76	7.68	7.78	7.62	8.45	6.79	6.60	6.56	7.20	8.37	8.25
CaO	1.39	4.84	5.06	5.25	4.94	6.19	5.90	5.93	5.36	2.07	2.72	3.36	6.00	5.29	6.05
Cr <sub>2</sub> O <sub>3</sub>	4.65	2.81	3.18	4.45	2.90	7.07	6.64	6.96	4.86	4.73	4.41	4.54	6.81	4.68	3.24
MnO	0.32	0.39	0.36	0.42	0.39	0.41	0.43	0.41	0.42	0.36	0.31	0.32	0.38	0.42	0.41
TiO <sub>2</sub>	0.00	0.26	0.25	0.24	0.30	0.10	0.10	0.09	0.30	0.00	0.00	0.00	0.05	0.28	0.00
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	0.00	0.00	0.00	0.00
Total (%)	100.09	99.57	98.99	99.35	99.76	99.57	99.53	99.35	98.92	99.30	99.03	99.11	99.27	99.07	99.03

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>	40.63	41.10	41.92	40.52	40.69	41.05	41.29	40.65	40.78	40.90	40.81	41.71	41.74	41.35	41.72
Al <sub>2</sub> O <sub>3</sub>	18.83	18.89	20.67	20.75	18.72	19.86	20.29	18.91	17.91	18.04	19.27	19.22	20.40	19.13	19.90
MgO	18.04	18.29	22.16	17.30	18.36	20.04	18.54	18.26	17.88	17.75	19.49	19.21	21.01	18.69	20.90
FeO	7.79	7.75	7.11	11.73	7.52	7.51	8.49	7.56	7.01	7.74	7.57	6.87	7.04	7.73	7.15
CaO	6.24	6.22	1.66	5.23	6.12	3.75	5.14	6.16	7.56	6.77	5.18	5.41	3.01	5.65	3.43
Cr <sub>2</sub> O <sub>3</sub>	7.09	7.05	4.90	3.55	7.00	5.96	4.55	6.49	7.60	7.42	5.48	5.59	5.31	5.78	5.27
MnO	0.43	0.42	0.36	0.35	0.41	0.39	0.41	0.41	0.43	0.45	0.42	0.33	0.38	0.40	0.37
TiO <sub>2</sub>	0.05	0.03	0.00	0.16	0.08	0.03	0.20	0.08	0.03	0.05	0.08	0.01	0.00	0.06	0.02
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	0.00	0.00	0.00	0.00
Total (%)	99.10	99.75	98.78	99.59	98.90	98.59	98.91	98.52	99.20	99.12	98.30	98.35	98.89	98.79	98.76

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>	41.38	41.14	40.62	41.43	41.75	41.40	41.53	41.69	42.09	40.88	40.87	41.33	41.05	40.96	41.50
Al <sub>2</sub> O <sub>3</sub>	19.74	17.87	18.68	17.65	19.68	19.14	22.02	20.12	21.81	18.65	22.02	21.83	20.03	19.65	20.54
MgO	19.51	18.30	17.75	17.86	20.26	18.62	19.03	21.61	21.76	17.79	17.49	18.71	19.40	19.07	18.53
FeO	7.54	7.64	7.58	7.42	6.83	7.59	8.90	6.81	6.88	7.55	11.83	7.96	7.31	7.30	8.18
CaO	4.52	6.45	6.23	6.44	4.07	5.74	4.74	2.55	2.43	6.47	4.87	5.29	4.72	5.12	5.54
Cr <sub>2</sub> O <sub>3</sub>	5.43	7.02	7.17	6.57	5.39	6.36	2.44	5.28	4.13	7.47	2.00	3.24	5.61	6.07	4.78
MnO	0.41	0.42	0.40	0.46	0.39	0.42	0.37	0.33	0.32	0.41	0.30	0.35	0.38	0.42	0.42
TiO <sub>2</sub>	0.02	0.07	0.08	0.29	0.01	0.07	0.18	0.00	0.00	0.04	0.16	0.12	0.03	0.07	0.18
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	0.00	0.00	0.00	0.00
Total (%)	98.55	98.91	98.51	98.12	98.38	99.34	99.21	98.39	99.42	99.26	99.54	98.83	98.53	98.66	99.67

**Análises de Granada - Kimberlito Canastra - 8**

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>	40.71	41.25	40.50	41.63	40.78	41.06	41.58	41.06	40.91	41.00	41.24	41.22	40.82	41.31	41.23
Al <sub>2</sub> O <sub>3</sub>	21.63	21.41	20.33	21.83	20.09	19.49	18.67	19.11	20.14	20.40	20.42	20.07	18.69	21.74	22.70
MgO	18.80	18.11	18.56	18.17	19.28	18.89	18.65	18.23	18.54	18.09	20.18	19.65	17.98	18.18	18.73
FeO	7.96	9.27	8.21	8.05	7.34	7.26	7.49	7.60	7.89	8.49	7.34	7.34	7.65	9.74	9.47
CaO	5.30	4.95	5.25	6.05	4.71	5.66	6.08	6.00	5.73	5.47	4.21	3.90	6.19	4.87	4.55
Cr <sub>2</sub> O <sub>3</sub>	3.32	3.75	5.04	3.51	5.72	6.00	6.71	6.67	4.94	4.80	5.76	5.86	6.67	2.79	1.57
MnO	0.38	0.40	0.43	0.39	0.39	0.43	0.42	0.41	0.40	0.44	0.41	0.42	0.44	0.40	0.38
TiO <sub>2</sub>	0.14	0.18	0.23	0.01	0.02	0.06	0.08	0.12	0.19	0.22	0.03	0.02	0.13	0.22	0.29
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	0.00	0.00	0.00	0.00
Total (%)	98.24	99.32	98.55	99.64	98.33	98.85	99.68	99.20	98.74	98.91	99.59	98.48	98.57	99.25	98.92

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>	41.60	41.15	41.23	41.05	40.40	41.41	41.16	41.16	41.26	40.76	40.52	41.03	40.88	41.21	42.01
Al <sub>2</sub> O <sub>3</sub>	21.67	21.06	19.71	19.18	18.34	20.64	21.02	19.89	19.91	18.28	19.23	20.73	23.08	18.53	20.72
MgO	21.72	18.35	19.12	18.93	17.78	19.72	18.89	19.89	19.99	18.16	17.79	19.27	17.61	19.19	21.61
FeO	7.03	9.11	7.40	7.83	7.72	7.23	8.48	7.66	6.88	7.47	7.89	7.71	9.83	7.52	7.13
CaO	2.17	5.04	5.18	5.25	6.62	4.31	5.47	4.10	4.70	6.38	6.30	4.61	4.99	5.92	2.41
Cr <sub>2</sub> O <sub>3</sub>	4.08	3.59	5.95	6.10	7.44	5.51	3.27	5.61	5.63	7.43	6.40	5.46	2.00	7.09	4.78
MnO	0.33	0.41	0.43	0.43	0.46	0.44	0.35	0.40	0.37	0.41	0.43	0.44	0.56	0.45	0.37
TiO <sub>2</sub>	0.00	0.17	0.04	0.10	0.05	0.05	0.17	0.04	0.00	0.09	0.07	0.01	0.03	0.11	0.00
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	0.00	0.00	0.00	0.00
Total (%)	98.60	98.88	99.06	98.87	98.81	99.31	98.81	98.75	98.74	98.98	98.63	99.26	98.98	100.02	99.03

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>	41.63	40.60	40.35	40.99	40.24	41.49	40.65	40.51	40.74	42.08	41.20	40.50	39.85	40.81	42.23
Al <sub>2</sub> O <sub>3</sub>	17.95	19.73	20.25	18.71	21.28	18.10	21.56	19.70	19.04	20.64	18.23	18.79	20.78	20.31	19.10
MgO	19.62	20.97	19.99	18.61	18.75	19.00	18.59	19.93	21.08	21.24	18.89	19.27	17.49	21.29	21.76
FeO	7.74	6.87	7.82	7.52	9.78	7.50	9.57	7.16	7.00	6.95	7.17	7.62	12.54	6.45	7.35
CaO	5.98	4.74	5.32	5.80	4.98	6.44	5.11	4.83	4.34	2.99	6.01	5.90	5.20	4.13	3.45
Cr <sub>2</sub> O <sub>3</sub>	6.91	5.63	5.18	6.78	3.33	6.97	3.39	6.19	6.14	4.77	6.77	6.31	2.71	5.12	6.79
MnO	0.48	0.40	0.40	0.52	0.41	0.47	0.36	0.41	0.39	0.39	0.44	0.43	0.38	0.39	0.44
TiO <sub>2</sub>	0.15	0.01	0.07	0.11	0.10	0.06	0.15	0.07	0.02	0.00	0.05	0.12	0.18	0.04	0.00
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	0.00	0.00	0.00	0.00
Total (%)	100.46	98.95	99.38	99.04	98.87	100.03	99.38	98.80	98.75	99.06	98.76	98.94	99.13	98.54	101.12

**Análises de Granada - Kimberlito Canastra - 8**

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>	41.86	40.98	41.48	40.90	40.75	43.93	41.31	41.64	41.24	41.08	40.88	42.03	41.61	41.31	42.05
<b>Al<sub>2</sub>O<sub>3</sub></b>	20.44	20.58	20.68	20.07	21.69	22.02	20.29	20.47	18.99	19.36	18.86	20.04	21.15	19.21	19.80
<b>MgO</b>	20.31	20.07	19.46	21.27	19.77	21.24	19.43	19.18	21.22	19.89	18.47	24.18	22.26	18.72	20.93
<b>FeO</b>	7.75	8.65	8.86	7.27	7.84	6.77	7.88	8.70	7.19	7.68	7.60	6.68	6.76	7.97	7.57
<b>CaO</b>	5.13	5.04	5.12	3.48	5.25	3.01	5.79	5.06	3.96	5.26	5.66	2.81	2.23	6.08	3.83
<b>Cr<sub>2</sub>O<sub>3</sub></b>	4.13	3.16	3.92	5.95	3.26	3.23	4.99	3.42	5.76	6.70	6.65	4.60	4.25	6.44	4.88
<b>MnO</b>	0.43	0.38	0.47	0.42	0.39	0.39	0.42	0.42	0.40	0.37	0.54	0.28	0.37	0.55	0.45
<b>TiO<sub>2</sub></b>	0.11	0.29	0.15	0.00	0.23	0.05	0.18	0.23	0.04	0.10	0.12	0.00	0.00	0.24	0.01
<b>Na<sub>2</sub>O</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	0.00
<b>Total (%)</b>	100.16	99.15	100.14	99.36	99.18	100.64	100.29	99.12	98.80	100.44	98.78	100.62	98.63	100.52	99.52

Nº Am.	G-106	G-107	G-108	G-109	G-110	G-111	G-112	G-113	G-114	G-115	G-116	G-117	G-118	G-119	G-120
<b>SiO<sub>2</sub></b>	41.73	41.63	42.07	41.45	40.86	41.25	41.04	42.03	42.12	41.38	39.88	41.50	41.23	40.44	41.71
<b>Al<sub>2</sub>O<sub>3</sub></b>	20.19	22.18	23.19	21.44	18.97	19.07	19.56	23.07	20.84	21.83	21.16	19.49	21.41	19.50	20.18
<b>MgO</b>	21.01	19.25	19.76	19.72	19.39	18.45	19.86	19.51	22.19	18.55	19.42	20.17	19.23	20.15	20.75
<b>FeO</b>	7.31	9.16	8.45	9.84	7.25	7.90	7.30	8.33	6.67	10.08	9.53	7.37	9.03	7.33	7.19
<b>CaO</b>	3.55	4.47	4.76	4.90	5.75	6.33	5.23	5.06	2.29	4.59	5.16	5.14	5.05	4.91	3.17
<b>Cr<sub>2</sub>O<sub>3</sub></b>	5.61	1.55	2.26	3.04	6.23	6.26	6.14	2.15	4.65	2.70	3.52	6.04	2.71	5.97	5.56
<b>MnO</b>	0.43	0.35	0.36	0.40	0.43	0.43	0.44	0.41	0.39	0.47	0.41	0.42	0.42	0.42	0.45
<b>TiO<sub>2</sub></b>	0.01	0.20	0.14	0.31	0.15	0.06	0.10	0.20	0.04	0.27	0.19	0.10	0.23	0.11	0.04
<b>Na<sub>2</sub>O</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	0.00
<b>Total (%)</b>	99.84	98.79	100.99	101.10	99.03	99.75	99.67	100.76	99.19	99.87	99.27	100.23	99.31	98.83	99.05

**Análises de Piroxênios - Kimberlito Canastra - 8**

Nº Am.	D-001	D-002	D-003	D-004	D-005	D-006	D-007	D-008	D-009	D-010	D-011	D-012	D-013	D-014	D-015
SiO <sub>2</sub>	54.52	54.78	55.57	55.89	54.12	54.85	54.50	55.00	55.31	55.72	55.15	54.82	53.89	53.43	54.93
Al <sub>2</sub> O <sub>3</sub>	2.48	2.95	1.62	1.04	1.09	3.85	2.93	2.45	2.20	2.19	3.25	3.98	2.86	2.92	2.79
MgO	15.26	15.17	16.52	18.55	18.18	14.93	16.34	16.40	16.61	16.24	15.85	14.98	16.05	16.05	16.07
FeO	2.06	2.25	2.38	2.67	2.62	1.71	1.40	1.37	1.39	1.55	1.66	1.53	1.50	1.74	1.39
CaO	19.36	19.56	19.77	20.66	20.68	20.72	22.61	23.03	23.17	22.03	21.71	21.21	22.20	22.26	21.95
Cr <sub>2</sub> O <sub>3</sub>	2.34	2.76	1.63	1.15	1.03	1.29	1.08	1.14	0.94	0.86	1.47	1.71	1.32	1.29	1.47
MnO	0.10	0.12	0.12	0.12	0.11	0.09	0.05	0.10	0.09	0.12	0.09	0.12	0.10	0.13	0.09
TiO <sub>2</sub>	0.07	0.01	0.25	0.03	0.08	0.29	0.12	0.07	0.11	0.11	0.28	0.34	0.11	0.20	0.21
Na <sub>2</sub> O	2.01	2.71	1.79	1.18	1.89	2.42	1.31	1.35	0.99	1.12	1.87	2.61	1.88	1.75	2.03
Total (%)	98.20	100.31	99.65	101.29	99.80	100.15	100.34	100.91	100.81	99.94	101.33	101.30	99.91	99.77	100.93

Nº Am.	D-016	D-017	D-018	D-019	D-020	D-021	D-022	D-023	D-024	D-025	D-026	D-027	D-028	D-029	D-030
SiO <sub>2</sub>	54.55	54.50	53.89	53.94	55.37	53.65	54.14	54.26	54.83	54.04	53.34	55.17	54.34	54.41	54.25
Al <sub>2</sub> O <sub>3</sub>	3.93	3.51	2.44	2.18	1.78	4.51	2.88	2.50	3.51	0.28	3.55	2.79	2.28	2.05	4.12
MgO	14.54	15.52	16.35	16.34	17.03	14.89	15.40	15.36	14.79	15.97	15.42	15.10	16.61	16.01	15.09
FeO	2.06	1.75	1.43	1.32	1.35	1.44	2.21	2.14	1.75	4.68	1.29	1.60	1.43	1.47	1.79
CaO	20.67	22.18	22.05	22.35	22.42	21.59	20.90	19.46	20.02	20.31	21.48	20.56	22.54	23.11	20.78
Cr <sub>2</sub> O <sub>3</sub>	1.57	1.34	1.01	1.08	0.84	1.33	1.80	2.00	1.51	1.37	1.51	1.61	0.81	0.87	1.48
MnO	0.13	0.05	0.08	0.10	0.19	0.10	0.12	0.11	0.10	0.14	0.14	0.06	0.20	0.06	0.09
TiO <sub>2</sub>	0.40	0.21	0.07	0.19	0.06	0.38	0.19	0.30	0.41	0.49	0.24	0.18	0.11	0.09	0.48
Na <sub>2</sub> O	2.53	1.91	1.14	1.21	0.73	1.90	2.38	2.64	2.75	1.55	1.95	1.86	0.78	0.55	2.49
Total (%)	100.38	100.97	98.46	98.71	99.77	99.79	100.02	98.77	99.67	98.83	98.92	98.93	99.10	98.62	100.57

Nº Am.	D-031	D-032	D-033	D-034	D-035	D-036	D-037	D-038	D-039	D-040	D-041	D-042	D-043	D-044	D-045
SiO <sub>2</sub>	53.03	53.46	53.29	53.43	54.93	54.55	54.50	54.49	53.94	55.37	53.67	54.26	54.29	54.66	54.34
Al <sub>2</sub> O <sub>3</sub>	3.47	3.96	3.06	2.92	2.79	3.93	3.51	2.44	2.18	1.78	4.51	2.88	2.50	3.51	0.36
MgO	15.75	15.30	16.74	16.05	16.07	14.54	15.52	16.35	16.34	17.03	15.07	15.40	15.36	14.79	15.97
FeO	1.72	1.97	2.36	1.74	1.39	2.06	1.75	1.43	1.36	1.35	1.44	2.21	2.14	1.75	4.68
CaO	21.70	20.67	19.86	22.26	21.95	20.67	22.18	22.05	22.35	22.42	21.59	20.90	19.46	20.02	20.31
Cr <sub>2</sub> O <sub>3</sub>	1.18	1.34	1.73	1.29	1.47	1.57	1.34	1.01	1.08	0.84	1.33	1.80	2.00	1.51	1.39
MnO	0.07	0.12	0.19	0.13	0.09	0.13	0.07	0.08	0.10	0.19	0.10	0.12	0.11	0.10	0.14
TiO <sub>2</sub>	0.14	0.40	0.17	0.20	0.21	0.40	0.21	0.07	0.19	0.06	0.27	0.19	0.30	0.41	0.49
Na <sub>2</sub> O	1.64	2.56	1.73	1.75	2.03	2.53	1.91	1.14	1.21	0.73	1.90	2.38	2.64	2.75	1.55
Total (%)	98.70	99.78	99.13	99.77	100.93	100.38	100.99	99.06	98.75	99.77	99.88	100.14	98.80	99.50	99.23

**Análises de Piroxênios - Kimberlito Canastra - 8**

<b>Nº Am.</b>	<b>D-046</b>	<b>D-047</b>	<b>D-048</b>	<b>D-049</b>	<b>D-050</b>	<b>D-051</b>	<b>D-052</b>
<b>SiO<sub>2</sub></b>	54.82	53.83	53.94	53.79	54.35	54.31	54.56
<b>Al<sub>2</sub>O<sub>3</sub></b>	2.74	4.30	2.19	2.23	3.71	3.58	2.51
<b>MgO</b>	15.99	15.27	17.30	17.08	16.06	15.64	15.29
<b>FeO</b>	1.79	1.74	1.41	1.41	1.51	1.53	2.09
<b>CaO</b>	19.57	20.42	23.21	22.96	21.03	21.28	19.46
<b>Cr<sub>2</sub>O<sub>3</sub></b>	2.68	1.62	0.89	0.91	1.52	1.61	2.34
<b>MnO</b>	0.06	0.07	0.11	0.08	0.08	0.08	0.10
<b>TiO<sub>2</sub></b>	0.02	0.37	0.00	0.00	0.18	0.18	0.07
<b>Na<sub>2</sub>O</b>	2.90	2.48	0.92	0.92	2.09	1.86	2.15
<b>Total (%)</b>	100.57	100.10	99.97	99.38	100.53	100.07	98.57

**Análises de Ilmenitas - Kimberlito Canastra - 8**

Nº Am.	I-001	I-002	I-003	I-004	I-005	I-006	I-007	I-008	I-009	I-010	I-011	I-012	I-013	I-014	I-015
SiO <sub>2</sub>	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	0.00
Al <sub>2</sub> O <sub>3</sub>	0.03	0.07	0.12	0.04	0.03	0.04	0.03	0.03	0.04	0.04	0.07	0.04	0.06	0.08	0.07
MgO	10.07	9.51	6.18	9.37	10.20	10.39	9.91	9.90	11.13	9.20	10.90	7.29	9.43	6.71	9.27
FeO	36.55	35.86	42.61	37.65	36.27	35.60	36.57	37.14	34.77	37.67	34.88	40.77	37.52	42.85	38.23
CaO	0.07	0.05	0.01	0.06	0.04	0.06	0.05	0.05	0.06	0.05	0.06	0.03	0.05	0.01	0.04
Cr <sub>2</sub> O <sub>3</sub>	0.38	0.47	0.39	0.38	0.31	0.43	0.44	0.46	0.48	0.69	0.61	0.08	0.64	0.62	0.54
MnO	0.56	0.59	0.37	0.59	0.54	0.65	0.56	0.65	0.66	0.60	0.63	0.67	0.57	0.47	0.60
TiO <sub>2</sub>	51.83	52.71	49.42	51.57	52.38	52.77	51.82	52.02	53.03	51.51	53.25	51.08	52.22	49.71	52.13
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	0.00	0.00	0.00	0.00
Total (%)	99.49	99.26	99.10	99.66	99.77	99.94	99.38	100.25	100.17	99.76	100.40	99.96	100.49	100.45	100.88
Fe <sub>2</sub> O <sub>3</sub>	8.45	6.00	9.56	8.57	7.89	7.32	8.20	8.66	7.58	8.35	7.06	8.51	7.94	10.58	8.48

Nº Am.	I-016	I-017	I-018	I-019	I-020	I-021	I-022	I-023	I-024	I-025	I-026	I-027	I-028	I-029	I-030
SiO <sub>2</sub>	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	0.00
Al <sub>2</sub> O <sub>3</sub>	0.06	0.07	0.08	0.08	0.07	0.08	0.09	0.03	0.06	0.05	0.06	0.07	0.07	0.07	0.09
MgO	10.82	11.08	10.27	10.00	10.43	10.02	10.12	9.77	9.38	10.33	10.43	10.47	10.74	12.03	9.74
FeO	35.60	35.63	36.49	36.03	36.33	36.76	35.82	36.11	37.04	36.10	36.23	36.25	35.92	33.75	37.09
CaO	0.05	0.06	0.06	0.05	0.06	0.04	0.05	0.04	0.05	0.05	0.07	0.06	0.06	0.06	0.04
Cr <sub>2</sub> O <sub>3</sub>	0.38	0.34	0.46	0.53	0.37	0.30	0.26	0.51	0.50	0.47	0.52	0.28	0.30	0.58	0.35
MnO	0.56	0.58	0.59	0.57	0.58	0.56	0.63	0.67	0.58	0.72	0.63	0.57	0.59	0.57	0.57
TiO <sub>2</sub>	52.88	52.71	52.42	52.27	52.46	52.78	52.90	52.04	51.92	52.34	52.57	52.40	52.47	53.40	52.14
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	0.00	0.00	0.00	0.00
Total (%)	100.35	100.47	100.37	99.53	100.30	100.54	99.87	99.17	99.53	100.06	100.51	100.10	100.15	100.46	100.02
Fe <sub>2</sub> O <sub>3</sub>	7.90	8.56	8.25	7.42	8.33	7.72	6.92	7.40	7.65	8.17	8.18	8.36	8.47	7.74	8.14

Nº Am.	I-031	I-032	I-033	I-034	I-035	I-036	I-037	I-038	I-039	I-040	I-041	I-042	I-043	I-044	I-045
SiO <sub>2</sub>	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	0.00
Al <sub>2</sub> O <sub>3</sub>	0.07	0.07	0.07	0.06	0.07	0.09	0.11	0.06	0.10	0.08	0.08	0.08	0.08	0.08	0.05
MgO	10.12	11.06	10.17	10.81	5.88	10.51	9.84	11.55	6.13	10.72	10.19	10.36	10.91	9.31	9.64
FeO	36.99	35.67	37.36	36.00	43.46	36.50	37.14	35.16	43.20	34.89	37.12	36.20	35.80	38.18	37.56
CaO	0.03	0.08	0.04	0.04	0.00	0.06	0.06	0.07	0.00	0.06	0.05	0.07	0.05	0.03	0.04
Cr <sub>2</sub> O <sub>3</sub>	0.52	0.50	0.33	0.45	0.23	0.64	0.60	0.54	0.27	0.71	0.37	0.39	0.42	0.37	0.63
MnO	0.59	0.58	0.62	0.56	0.42	0.57	0.57	0.77	0.41	0.53	0.58	0.59	0.61	0.69	0.62
TiO <sub>2</sub>	52.35	52.81	52.46	52.64	50.54	52.50	52.40	52.78	49.75	53.43	52.33	52.43	52.55	52.29	52.10
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	0.00	0.00	0.00	0.00
Total (%)	100.67	100.77	101.05	100.56	100.60	100.87	100.72	100.93	99.86	100.42	100.72	100.12	100.42	100.95	100.64
Fe <sub>2</sub> O <sub>3</sub>	8.55	8.48	8.94	8.49	8.92	8.60	8.13	9.06	9.80	6.48	8.81	8.11	8.60	8.45	8.52

**Análises de Ilmenitas - Kimberlito Canastra - 8**

Nº Am.	I-046	I-047	I-048	I-049	I-050	I-051	I-052	I-053	I-054	I-055	I-056	I-057	I-058	I-059	I-060
SiO <sub>2</sub>	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	0.00
Al <sub>2</sub> O <sub>3</sub>	0.07	0.07	0.07	0.09	0.06	0.09	0.06	0.08	0.06	0.30	0.06	0.07	0.10	0.07	0.09
MgO	5.95	9.68	10.08	9.61	9.61	8.96	9.33	10.15	10.64	9.20	10.79	10.60	9.41	9.10	9.69
FeO	43.16	37.71	37.66	37.34	37.39	35.13	38.45	35.96	36.14	38.63	35.99	35.13	37.88	36.73	37.32
CaO	0.00	0.05	0.05	0.06	0.06	0.05	0.03	0.06	0.05	0.05	0.04	0.06	0.04	0.03	0.06
Cr <sub>2</sub> O <sub>3</sub>	0.26	0.42	0.43	0.49	0.65	0.52	0.28	0.62	0.39	0.38	0.31	0.49	0.43	0.27	0.36
MnO	0.45	0.61	0.59	0.54	0.67	0.54	0.55	0.62	0.62	0.28	0.57	0.62	0.56	0.61	0.55
TiO <sub>2</sub>	50.38	52.48	52.03	52.35	51.74	53.55	51.22	52.22	52.18	51.58	52.91	53.29	51.90	52.42	51.96
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	0.00	0.00	0.00	0.00
Total (%)	100.27	101.02	100.91	100.48	100.18	98.84	99.92	99.71	100.08	100.42	100.67	100.26	100.32	99.23	100.03
Fe <sub>2</sub> O <sub>3</sub>	8.91	8.38	9.43	7.94	8.67	3.49	9.57	7.72	8.81	8.92	8.22	6.73	8.54	6.43	8.42

Nº Am.	I-061	I-062	I-063	I-064	I-065	I-066	I-067	I-068	I-069	I-070	I-071	I-072	I-073	I-074	I-075
SiO <sub>2</sub>	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	0.00
Al <sub>2</sub> O <sub>3</sub>	0.08	0.08	0.08	0.09	0.04	0.06	0.05	0.08	0.05	0.06	0.08	0.04	0.07	0.07	0.06
MgO	10.05	9.23	10.01	9.69	9.28	9.68	9.63	9.65	9.26	10.52	11.27	10.28	9.52	9.39	5.78
FeO	36.77	37.67	37.02	37.24	36.90	37.35	37.20	37.05	38.77	36.02	35.52	36.38	37.45	37.79	44.79
CaO	0.05	0.05	0.03	0.06	0.04	0.04	0.05	0.05	0.04	0.03	0.05	0.03	0.04	0.03	0.01
Cr <sub>2</sub> O <sub>3</sub>	0.29	0.30	0.65	0.39	0.26	0.56	0.38	0.36	0.29	0.26	0.36	0.29	0.40	0.44	0.18
MnO	0.64	0.58	0.65	0.51	0.68	0.57	0.55	0.53	0.63	0.76	0.52	0.54	0.51	0.58	0.38
TiO <sub>2</sub>	52.28	52.04	52.36	52.98	52.06	52.21	52.48	52.78	51.47	52.19	52.44	52.98	52.43	52.37	48.39
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	0.00	0.00	0.00	0.00
Total (%)	100.16	99.95	100.80	100.96	99.26	100.47	100.34	100.50	100.51	99.84	100.24	100.54	100.42	100.67	99.59
Fe <sub>2</sub> O <sub>3</sub>	8.31	7.91	8.43	7.38	7.31	8.23	7.73	7.32	9.62	8.60	8.97	7.60	7.78	8.02	11.96

Nº Am.	I-076	I-077	I-078	I-079	I-080	I-081	I-082	I-083	I-084	I-085	I-086	I-087	I-088	I-089	I-090
SiO <sub>2</sub>	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	0.05
Al <sub>2</sub> O <sub>3</sub>	0.09	0.05	0.06	0.07	0.09	0.06	0.06	0.09	0.09	0.04	0.06	0.03	0.09	0.06	0.05
MgO	10.91	11.02	10.97	11.48	10.05	10.78	10.59	10.13	10.62	9.71	9.14	10.29	5.47	9.22	12.24
FeO	36.37	34.85	35.75	35.69	37.63	35.79	36.14	36.82	35.59	35.53	38.07	36.36	43.87	37.50	31.88
CaO	0.05	0.06	0.04	0.06	0.05	0.03	0.05	0.04	0.06	0.05	0.04	0.04	0.00	0.04	0.02
Cr <sub>2</sub> O <sub>3</sub>	0.16	0.36	0.72	0.28	0.32	0.42	0.42	0.31	0.36	0.41	0.66	0.46	0.52	0.39	0.30
MnO	0.59	0.61	0.63	0.54	0.56	0.64	0.53	0.58	0.54	0.63	0.56	0.68	0.42	0.66	0.91
TiO <sub>2</sub>	52.55	53.02	51.77	52.40	52.01	52.70	52.65	52.23	53.25	51.21	52.28	52.66	49.25	52.07	52.78
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	0.00	0.00	0.00	0.00
Total (%)	100.72	99.97	99.94	100.52	100.71	100.42	100.44	100.20	100.51	97.58	100.81	100.52	99.62	99.94	98.23
Fe <sub>2</sub> O <sub>3</sub>	9.15	7.43	9.38	9.57	9.34	8.26	8.20	8.49	7.18	7.42	7.91	8.03	9.75	7.77	7.15

**Análises de Ilmenitas - Kimberlito Canastra - 8**

Nº Am.	I-091	I-092	I-093	I-094	I-095	I-096	I-097	I-098	I-099	I-100	I-101	I-102	I-103	I-104	I-105
SiO <sub>2</sub>	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	0.00
Al <sub>2</sub> O <sub>3</sub>	0.09	0.09	0.07	0.08	0.07	0.09	0.03	0.08	0.02	0.05	0.07	0.07	0.10	0.08	0.06
MgO	9.68	12.12	9.49	10.91	9.56	9.85	11.09	10.24	10.40	9.37	9.84	10.89	11.45	10.03	10.00
FeO	37.77	33.93	37.88	36.11	37.40	37.45	35.82	36.49	36.04	38.31	37.64	36.26	34.41	35.45	36.58
CaO	0.05	0.04	0.03	0.06	0.04	0.05	0.06	0.06	0.04	0.04	0.03	0.07	0.05	0.05	0.06
Cr <sub>2</sub> O <sub>3</sub>	0.15	0.71	0.39	0.41	0.39	0.39	0.42	0.56	0.44	0.30	0.64	0.38	0.59	0.38	0.41
MnO	0.51	0.68	0.59	0.54	0.57	0.55	0.58	0.57	0.56	0.58	0.58	0.53	0.67	0.59	0.60
TiO <sub>2</sub>	51.94	52.26	52.61	53.03	51.73	52.44	52.10	52.38	52.45	51.97	51.52	51.84	53.17	54.25	52.79
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	0.00	0.00	0.00	0.00
Total (%)	100.19	99.83	101.06	101.14	99.76	100.82	100.10	100.38	99.95	100.62	100.32	100.04	100.44	100.83	100.50
Fe <sub>2</sub> O <sub>3</sub>	8.83	9.22	8.08	8.41	8.50	8.40	9.32	8.21	7.97	8.86	9.43	9.59	7.68	5.14	7.54

Nº Am.	I-106	I-107	I-108	I-109	I-110	I-111	I-112	I-113	I-114	I-115	I-116	I-117	I-118	I-119
SiO <sub>2</sub>	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
Al <sub>2</sub> O <sub>3</sub>	0.11	0.09	0.06	0.00	0.11	0.09	0.02	0.03	0.07	0.08	0.08	0.03	0.01	0.05
MgO	1.04	9.19	9.71	9.83	10.16	9.08	10.37	11.12	9.01	9.38	9.66	0.79	9.08	9.86
FeO	48.51	37.51	37.53	36.86	38.39	37.78	36.04	35.90	36.12	37.42	37.92	50.16	37.06	37.55
CaO	0.01	0.05	0.04	0.08	0.02	0.07	0.04	0.08	0.07	0.06	0.05	0.01	0.03	0.03
Cr <sub>2</sub> O <sub>3</sub>	0.12	0.49	0.40	0.62	0.89	0.50	0.54	0.18	0.68	0.26	0.57	0.14	0.37	0.68
MnO	0.94	0.56	0.56	0.63	0.29	0.62	0.67	0.61	0.59	0.52	0.62	0.37	0.56	0.75
TiO <sub>2</sub>	49.97	51.88	51.85	52.14	50.47	52.26	52.12	52.24	51.68	52.77	51.84	48.69	52.76	52.12
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	0.00	0.00	0.00
Total (%)	100.70	99.77	100.15	100.16	100.33	100.40	99.80	100.16	98.22	100.49	100.74	100.19	99.87	101.04
Fe <sub>2</sub> O <sub>3</sub>	6.38	7.80	8.77	8.13	11.40	7.59	8.33	9.36	6.30	7.21	9.14	8.16	6.36	9.01

**Análises de Espinélio - Kimberlito Canastra - 8**

Nº Am.	E-001	E-002	E-003	E-004	E-005	E-006	E-007	E-008	E-009	E-010	E-011	E-012	E-013	E-014	E-015
SiO <sub>2</sub>	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	0.00
Al <sub>2</sub> O <sub>3</sub>	8.29	9.19	17.62	9.32	9.84	10.14	10.03	9.68	9.35	10.21	9.48	9.18	9.33	9.00	9.38
MgO	12.41	12.40	15.14	13.12	12.80	12.34	12.55	13.13	12.35	13.19	12.41	12.77	12.56	11.78	13.17
FeO	19.64	18.00	15.66	16.92	17.54	15.43	17.14	17.81	17.58	16.44	17.97	17.39	17.27	19.48	17.04
CaO	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	0.00
Cr <sub>2</sub> O <sub>3</sub>	59.41	58.82	49.98	61.28	59.22	60.98	60.22	58.48	59.47	59.89	60.77	59.23	59.03	60.11	61.60
MnO	0.23	0.26	0.18	0.23	0.26	0.21	0.24	0.24	0.28	0.23	0.22	0.23	0.30	0.29	0.22
TiO <sub>2</sub>	0.81	0.68	0.28	0.22	0.43	0.14	0.31	1.88	0.35	0.59	0.42	0.28	0.13	0.33	0.28
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	0.00	0.00	0.00	0.00
Total (%)	100.79	99.35	98.86	101.09	100.09	99.24	100.49	101.22	99.38	100.55	101.27	99.08	98.62	100.99	101.69

Nº Am.	E-016	E-017	E-018	E-019	E-020	E-021	E-022	E-023	E-024	E-025	E-026	E-027	E-028	E-029	E-030
SiO <sub>2</sub>	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	0.00
Al <sub>2</sub> O <sub>3</sub>	10.17	9.30	8.80	8.94	9.25	10.98	9.32	9.30	9.71	9.29	12.59	9.71	15.52	11.25	9.67
MgO	13.12	12.58	12.58	12.81	13.17	13.28	12.18	13.09	12.64	13.70	12.73	12.77	13.29	13.91	13.21
FeO	17.08	19.39	18.12	17.38	16.68	19.58	21.69	16.98	17.74	16.50	18.25	17.29	22.39	15.46	17.02
CaO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Cr <sub>2</sub> O <sub>3</sub>	59.07	57.21	58.73	58.96	59.85	53.24	55.91	59.97	59.88	61.91	57.67	59.02	46.85	59.90	58.95
MnO	0.27	0.25	0.29	0.28	0.30	0.25	0.23	0.24	0.26	0.22	0.22	0.28	0.23	0.21	0.24
TiO <sub>2</sub>	0.33	0.30	0.47	0.42	0.19	2.01	0.15	0.32	0.21	0.02	0.14	0.23	1.05	0.20	0.16
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	0.00	0.00	0.00	0.00
Total (%)	100.04	99.03	98.99	98.79	99.44	99.34	99.48	99.90	100.44	101.64	101.61	99.30	99.33	100.93	99.25

Nº Am.	E-031	E-032	E-033	E-034	E-035	E-036	E-037	E-038	E-039	E-040	E-041	E-042	E-043	E-044	E-045
SiO <sub>2</sub>	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	0.00
Al <sub>2</sub> O <sub>3</sub>	13.04	9.28	10.91	9.29	9.23	9.00	8.64	18.23	9.53	9.29	9.02	9.80	10.01	12.22	10.16
MgO	13.39	11.15	12.37	12.22	12.25	12.68	12.62	14.50	12.67	12.25	12.15	12.58	13.07	12.83	12.82
FeO	16.51	16.59	24.96	17.34	17.57	17.33	19.91	14.93	18.23	18.44	17.33	17.28	16.39	20.79	16.56
CaO	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cr <sub>2</sub> O <sub>3</sub>	54.95	61.64	47.06	59.32	58.53	59.49	56.14	51.58	58.74	59.85	60.74	60.09	60.17	52.33	59.93
MnO	0.25	0.24	0.26	0.27	0.27	0.28	0.24	0.14	0.26	0.34	0.38	0.33	0.29	0.32	0.31
TiO <sub>2</sub>	0.11	0.31	3.45	0.19	0.25	0.19	1.43	0.03	0.61	0.17	0.15	0.21	0.10	0.88	0.17
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	0.00	0.00	0.00	0.00
Total (%)	98.25	99.21	99.01	98.63	98.10	98.98	98.99	99.41	100.04	100.34	99.77	100.29	100.03	99.37	99.95

**Análises de Espinélio - Kimberlito Canastra - 8**

Nº Am.	E-046	E-047	E-048	E-049	E-050	E-051	E-052	E-053	E-054	E-055	E-056	E-057	E-058	E-059	E-060
SiO <sub>2</sub>	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	0.00
Al <sub>2</sub> O <sub>3</sub>	10.91	9.58	9.22	9.76	9.49	9.24	8.31	9.35	9.44	10.11	10.15	9.25	9.22	9.70	9.93
MgO	12.85	13.07	12.69	12.43	12.87	12.73	13.65	12.40	12.81	13.01	12.58	12.78	12.45	13.01	12.65
FeO	23.38	16.11	16.77	16.60	16.63	16.86	15.92	19.11	18.35	16.58	17.21	17.24	19.51	16.40	16.95
CaO	0.01	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
Cr <sub>2</sub> O <sub>3</sub>	48.92	61.12	60.29	58.92	60.26	60.63	61.66	57.14	57.48	58.36	58.19	59.15	57.00	59.69	58.94
MnO	0.32	0.34	0.32	0.31	0.31	0.27	0.29	0.30	0.29	0.31	0.28	0.29	0.30	0.29	0.30
TiO <sub>2</sub>	2.99	0.26	0.21	0.33	0.17	0.05	0.09	0.47	0.19	0.05	0.34	0.15	0.85	0.14	0.12
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	0.00	0.00	0.00	0.00
Total (%)	99.38	100.49	99.50	98.35	99.73	99.78	99.92	98.77	98.56	98.42	98.75	98.86	99.33	99.23	98.89

Nº Am.	E-061	E-062	E-063	E-064	E-065	E-066	E-067	E-068	E-069	E-070	E-071	E-072	E-073	E-074	E-075
SiO <sub>2</sub>	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	0.00
Al <sub>2</sub> O <sub>3</sub>	16.70	8.86	9.21	8.92	8.98	9.00	9.77	8.86	8.43	9.19	8.88	10.48	9.20	8.48	10.65
MgO	11.27	12.25	11.86	12.39	12.06	11.94	12.50	13.62	12.58	12.94	12.79	12.78	12.25	11.99	12.24
FeO	19.89	19.61	17.92	17.82	18.60	17.21	17.51	16.79	17.48	17.62	17.51	17.30	17.63	19.25	25.40
CaO	0.00	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
Cr <sub>2</sub> O <sub>3</sub>	50.24	58.07	59.16	59.17	58.13	59.39	58.40	59.31	59.22	58.47	59.31	56.88	58.57	57.65	46.78
MnO	0.34	0.31	0.32	0.29	0.32	0.33	0.29	0.27	0.29	0.29	0.32	0.26	0.34	0.31	0.33
TiO <sub>2</sub>	0.08	0.22	0.42	0.42	0.25	0.15	0.44	0.04	0.24	0.47	0.33	0.60	0.16	0.42	3.73
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	0.00	0.00	0.00	0.00
Total (%)	98.52	99.32	98.90	99.01	98.34	98.02	98.91	98.89	98.24	98.98	99.14	98.30	98.15	98.10	99.13

Nº Am.	E-076	E-077	E-078	E-079	E-080	E-081	E-082	E-083	E-084	E-085	E-086	E-087	E-088	E-089	E-090
SiO <sub>2</sub>	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	0.00
Al <sub>2</sub> O <sub>3</sub>	9.31	11.40	9.48	9.37	9.96	9.30	8.39	7.95	9.18	8.90	7.92	9.22	9.26	9.09	9.67
MgO	12.16	14.06	13.11	12.99	13.15	11.77	13.08	11.79	12.04	12.40	13.70	12.11	12.59	13.04	12.85
FeO	17.76	15.59	17.00	16.90	18.28	17.09	16.26	20.22	18.91	17.47	17.74	18.42	19.88	17.07	17.35
CaO	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	0.00
Cr <sub>2</sub> O <sub>3</sub>	58.04	57.70	59.80	59.92	57.04	59.87	60.49	58.00	57.64	58.80	58.28	58.04	56.22	58.85	57.87
MnO	0.31	0.25	0.31	0.32	0.29	0.27	0.28	0.31	0.30	0.30	0.27	0.31	0.30	0.32	0.28
TiO <sub>2</sub>	0.43	0.10	0.29	0.15	0.17	0.08	0.16	0.26	0.28	0.33	0.30	0.18	0.23	0.23	0.16
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	0.00	0.00	0.00	0.00
Total (%)	98.01	99.10	99.99	99.65	98.89	98.38	98.66	98.53	98.35	98.20	98.21	98.28	98.48	98.60	98.18

**Análises de Espinélio - Kimberlito Canastra - 8**

Nº Am.	E-091	E-092	E-093	E-094	E-095	E-096	E-097	E-098	E-099	E-100	E-101	E-102	E-103	E-104	E-105
<b>SiO<sub>2</sub></b>	0.00	0.00	0.00	0.04	0.08	0.11	0.06	0.06	0.07	0.12	0.05	0.04	0.02	0.00	0.00
<b>Al<sub>2</sub>O<sub>3</sub></b>	9.03	8.95	3.14	26.06	27.55	14.75	11.15	11.48	10.50	11.89	12.12	29.13	31.40	17.22	17.83
<b>MgO</b>	12.38	12.52	8.26	11.95	14.85	10.50	9.92	10.86	10.64	10.69	11.31	12.26	14.05	14.84	14.00
<b>FeO</b>	17.84	17.02	36.43	17.29	13.69	20.56	15.81	17.19	15.55	15.01	15.70	14.47	13.84	14.48	19.45
<b>CaO</b>	0.00	0.00	0.00	0.03	0.03	0.03	0.02	0.03	0.02	0.04	0.03	0.01	0.02	0.00	0.00
<b>Cr<sub>2</sub>O<sub>3</sub></b>	58.87	59.03	47.70	44.19	42.66	50.67	60.36	58.72	61.21	59.85	59.68	43.25	40.47	51.18	46.44
<b>MnO</b>	0.33	0.32	0.37	0.30	0.23	0.32	0.35	0.34	0.37	0.32	0.30	0.30	0.29	0.22	0.19
<b>TiO<sub>2</sub></b>	0.29	0.20	4.11	0.25	0.25	0.88	0.50	0.19	0.18	0.24	0.27	0.20	0.27	0.09	0.48
<b>Na<sub>2</sub>O</b>	0.00	0.00	0.00	0.03	0.06	0.06	0.01	0.11	0.04	0.09	0.03	0.02	0.08	0.00	0.00
<b>Total (%)</b>	98.74	98.04	100.01	100.14	99.40	97.88	98.18	98.98	98.58	98.25	99.49	99.68	100.44	98.03	98.39

Nº Am.	E-106	E-107	E-108
<b>SiO<sub>2</sub></b>	0.00	0.00	0.00
<b>Al<sub>2</sub>O<sub>3</sub></b>	9.94	9.48	8.31
<b>MgO</b>	11.76	12.12	12.91
<b>FeO</b>	16.31	17.31	19.66
<b>CaO</b>	0.00	0.00	0.01
<b>Cr<sub>2</sub>O<sub>3</sub></b>	60.67	61.46	59.37
<b>MnO</b>	0.26	0.27	0.24
<b>TiO<sub>2</sub></b>	0.22	0.10	0.64
<b>Na<sub>2</sub>O</b>	0.00	0.00	0.00
<b>Total (%)</b>	99.16	100.74	101.14