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Anexos

8.1

Tabelas de resumo estatístico para os elementos: Al, Ba, Cr, Cu, Fe, Mn, Ni, Pb, V e Zn em grupos com os resultados obtidos do relatório do laboratório contratado pela Petrobras

Tabela 32- Resumo estatístico para o Al (mg/kg) em agrupamento (dados do relatório)

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	43	4.6029E+03	5.4725E+03	2.4339E+03	3.3171E+00	2.2600E+02	2.7100E+04
2	47	5.2203E+03	3.7945E+03	3.5591E+03	2.7071E+00	5.1000E+02	1.4800E+04
3	20	1.0391E+04	1.5667E+04	6.8554E+03	2.2438E+00	1.4600E+03	7.5500E+04
4	33	1.4258E+04	1.3418E+04	1.0197E+04	2.3564E+00	7.4000E+02	6.6500E+04
5	45	3.4111E+04	3.3545E+04	2.1486E+04	2.7779E+00	1.2200E+03	1.4400E+05
6	42	2.4185E+04	1.8078E+04	1.8147E+04	2.2809E+00	2.1700E+03	8.8500E+04
Global	230	1.5967E+04	2.1373E+04	7.8125E+03	3.6375E+00	2.2600E+02	1.4400E+05

Tabela 33 - Resumo estatístico para o Ba (mg/kg) em agrupamento (dados do relatório)

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	43	3.1015E+01	7.2626E+01	7.9500E+00	5.0882E+00	4.5000E-01	4.2600E+02
2	47	9.0830E+01	8.6196E+01	5.6818E+01	2.8064E+00	7.0000E+00	3.3200E+02
3	20	5.5831E+01	3.9796E+01	4.2543E+01	2.2015E+00	8.3300E+00	1.3600E+02
4	33	8.3263E+01	6.9082E+01	4.8994E+01	3.6402E+00	1.0000E+00	2.5900E+02
5	45	1.2552E+02	9.0769E+01	9.4690E+01	2.4668E+00	2.6500E+00	5.1500E+02
6	42	8.9360E+01	3.8448E+01	7.9582E+01	1.7056E+00	1.6800E+01	1.7300E+02
Global	230	8.2037E+01	7.7795E+01	4.4133E+01	4.0215E+00	4.5000E-01	5.1500E+02

Tabela 34 - Resumo estatístico para o Cr (mg/kg) em agrupamento (dados do relatório)

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	43	1.2050E+01	6.9526E+00	1.0205E+01	1.8078E+00	3.8500E+00	3.1300E+01
2	47	7.7791E+00	6.3035E+00	4.9806E+00	2.9618E+00	5.0000E-01	2.7500E+01
3	20	1.9830E+01	1.0391E+01	1.7540E+01	1.6691E+00	7.2500E+00	4.8400E+01
4	33	1.9829E+01	1.1417E+01	1.5527E+01	2.3743E+00	1.0000E+00	5.0400E+01
5	45	3.2860E+01	2.6291E+01	2.6227E+01	2.0060E+00	3.5000E+00	1.7200E+02
6	42	1.9887E+01	7.9177E+00	1.8162E+01	1.5914E+00	3.9000E+00	4.2600E+01
Global	230	1.8472E+01	1.6147E+01	1.3112E+01	2.5669E+00	5.0000E-01	1.7200E+02

Tabela 35 - Resumo estatístico para o Cu (mg/kg) em agrupamento (dados do relatório)

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	43	2.3045E+01	2.2487E+01	1.0267E+01	4.2953E+00	1.1500E+00	5.0000E+01
2	47	9.7934E+00	1.6883E+01	3.3867E+00	3.9412E+00	6.5000E-01	6.3000E+01
3	20	7.3800E+00	7.9007E+00	4.6457E+00	2.5905E+00	1.0000E+00	2.3400E+01
4	33	1.8597E+01	3.2048E+01	1.0509E+01	2.7599E+00	9.0000E-01	1.8600E+02
5	45	1.9382E+01	1.1026E+01	1.6444E+01	1.8198E+00	4.2000E+00	5.0000E+01
6	42	1.8818E+01	8.7289E+00	1.5856E+01	2.0484E+00	8.5000E-01	3.9000E+01
Global	230	1.6848E+01	1.9062E+01	9.0994E+00	3.4292E+00	6.5000E-01	1.8600E+02

Tabela 36 - Resumo estatístico para o Fe (mg/kg) em agrupamento (dados do relatório)

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	43	5.2372E+03	4.7081E+03	3.2249E+03	3.0701E+00	2.3800E+02	1.9800E+04
2	47	6.5013E+03	3.6664E+03	5.6036E+03	1.7429E+00	2.0700E+03	1.9900E+04
3	20	8.8425E+03	3.9771E+03	7.9407E+03	1.6483E+00	2.4000E+03	1.6900E+04
4	33	1.0571E+04	4.8188E+03	9.6313E+03	1.6140E+00	1.2800E+03	3.2300E+04
5	45	1.3931E+04	6.5099E+03	1.2531E+04	1.6194E+00	2.9700E+03	3.4100E+04
6	42	1.0975E+04	5.2126E+03	9.6320E+03	1.7544E+00	1.8600E+03	2.4700E+04
Global	230	9.3228E+03	5.8323E+03	7.2754E+03	2.2666E+00	2.3800E+02	3.4100E+04

Tabela 37 - Resumo estatístico para o Mn (mg/kg) em agrupamento (dados do relatório)

Grupo	N	Média	Desvio	M.Geom.	Dwsvio	Mínimo	Máximo
1	43	7.2057E+01	8.4959E+01	4.1234E+01	3.2484E+00	2.8000E+00	4.2700E+02
2	47	1.2842E+02	2.2123E+02	9.1793E+01	1.9155E+00	2.9000E+01	1.5800E+03
3	20	1.5016E+02	1.2572E+02	1.2405E+02	1.7911E+00	4.5800E+01	6.4000E+02
4	33	2.6993E+02	1.2391E+02	2.3328E+02	1.8875E+00	1.9800E+01	4.7000E+02
5	45	4.3239E+02	3.0695E+02	3.5047E+02	1.9608E+00	4.4400E+01	1.7100E+03
6	42	3.0118E+02	9.1426E+01	2.8692E+02	1.3889E+00	9.7500E+01	5.4200E+02
Global	230	2.3110E+02	2.2534E+02	1.4844E+02	2.9127E+00	2.8000E+00	1.7100E+03

Tabela 38 - Resumo estatístico para o Ni (mg/kg) em agrupamento (dados do relatório)

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	43	9.8384E+00	1.3765E+01	4.2427E+00	3.7828E+00	3.5000E-01	4.0000E+01
2	47	4.3664E+00	2.5754E+00	3.6766E+00	1.8382E+00	6.5000E-01	1.2100E+01
3	20	6.6125E+00	3.5669E+00	5.9241E+00	1.5982E+00	2.8000E+00	1.8600E+01
4	33	9.4015E+00	4.9510E+00	7.9479E+00	1.9867E+00	6.0000E-01	2.6400E+01
5	45	1.4008E+01	8.1293E+00	1.1524E+01	1.9977E+00	1.3000E+00	3.6200E+01
6	42	9.5024E+00	3.1409E+00	8.9720E+00	1.4279E+00	2.9500E+00	1.7300E+01
Global	230	9.1314E+00	8.0651E+00	6.4706E+00	2.4306E+00	3.5000E-01	4.0000E+01

Tabela 39 - Resumo estatístico para o Pb (mg/kg) em agrupamento (dados do relatório)

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	43	2.7093E+00	1.4937E+00	2.4478E+00	1.5277E+00	1.2500E+00	8.3500E+00
2	47	4.5672E+00	7.2979E+00	2.8456E+00	2.4603E+00	6.0000E-01	5.0000E+01
3	20	6.9675E+00	1.0473E+01	4.4389E+00	2.3481E+00	1.4500E+00	5.0000E+01
4	33	7.9585E+00	9.3903E+00	5.5726E+00	2.2415E+00	9.0000E-01	5.0000E+01
5	45	1.6968E+01	2.0251E+01	8.1762E+00	3.4244E+00	6.5000E-01	5.0000E+01
6	42	1.7016E+01	2.1206E+01	7.1860E+00	3.7380E+00	1.4600E+00	5.0000E+01
Global	230	9.6147E+00	1.5090E+01	4.6107E+00	2.9613E+00	6.0000E-01	5.0000E+01

Tabela 40 - Resumo estatístico para o V (mg/kg) em agrupamento (dados do relatório)

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	43	1.2138E+01	1.5850E+01	5.7197E+00	3.5409E+00	4.5000E-01	7.4000E+01
2	47	1.2562E+01	1.3663E+01	8.7844E+00	2.3114E+00	1.0500E+00	8.2000E+01
3	20	2.1313E+01	1.3469E+01	1.7840E+01	1.8413E+00	7.1000E+00	5.3000E+01
4	33	2.7717E+01	1.2953E+01	2.4892E+01	1.7081E+00	2.3500E+00	8.3000E+01
5	45	3.9279E+01	2.3151E+01	3.2756E+01	1.9470E+00	2.3500E+00	9.5000E+01
6	42	2.9381E+01	1.8514E+01	2.3249E+01	2.1637E+00	1.8000E+00	7.5000E+01
Global	230	2.3717E+01	1.9835E+01	1.5472E+01	2.8871E+00	4.5000E-01	9.5000E+01

Tabela 41 - Resumo estatístico para o Zn (mg/kg) em agrupamento (dados do relatório)

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	43	8.6477E+00	9.6331E+00	5.3737E+00	2.6670E+00	1.0500E+00	5.1500E+01
2	47	1.2000E+01	8.0300E+00	9.1985E+00	2.2057E+00	1.8000E+00	3.3200E+01
3	20	1.8980E+01	9.0746E+00	1.7053E+01	1.6326E+00	5.4000E+00	4.7600E+01
4	33	2.9258E+01	1.3029E+01	2.5633E+01	1.8237E+00	3.4500E+00	5.9000E+01
5	45	4.5191E+01	2.6906E+01	3.7374E+01	2.0068E+00	2.3000E+00	1.3700E+02
6	42	2.6433E+01	1.2246E+01	2.1716E+01	2.5003E+00	1.5000E-01	6.5500E+01
Global	230	2.3586E+01	1.9890E+01	1.5649E+01	2.8447E+00	1.5000E-01	1.3700E+02

8.2

Resumo estatístico para Al, Ba, Fe, Mn, Cr, Cu, Ni, Pb, V, Zn, Areia, Silte, Argila, Carbonato, COT, Profundidade em grupos de plataformas e transetes com os resultados obtidos do relatório do laboratório contratado pela Petrobras

Tabela 42 - Resumo estatístico para o Al (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	6.3667E+03	3.2156E+03	5.6179E+03	1.7020E+00	2.8900E+03	1.2000E+04
BCA	3	1.1667E+04	7.0088E+03	1.0442E+04	1.7523E+00	6.8000E+03	1.9700E+04
BCB	6	1.1927E+04	7.5621E+03	9.3203E+03	2.3460E+00	2.5300E+03	2.2200E+04
BCC	10	1.5044E+04	9.8468E+03	1.1355E+04	2.4490E+00	1.9400E+03	2.8500E+04
BCD	11	5.0924E+04	3.8170E+04	3.0291E+04	3.8000E+00	2.3400E+03	1.1200E+05
BCE	12	4.2182E+04	3.9294E+04	1.2555E+04	8.6611E+00	3.7800E+02	1.0600E+05
BCEF	2	1.0525E+05	5.4801E+04	9.7857E+04	1.7269E+00	6.6500E+04	1.4400E+05
BCF	11	1.6765E+04	2.3141E+04	4.8250E+03	5.9838E+00	4.8000E+02	6.4500E+04
BCFG	1	8.1500E+03	0.0000E+00	8.1500E+03	0.0000E+00	8.1500E+03	8.1500E+03
BCG	12	1.2039E+04	1.7590E+04	3.6588E+03	6.0523E+00	2.2600E+02	5.8300E+04
BCGH	4	1.7513E+04	2.4231E+04	8.5339E+03	3.8642E+00	2.7500E+03	5.3500E+04
BCH	11	1.5111E+04	1.7613E+04	6.5636E+03	4.7528E+00	3.6500E+02	5.6000E+04
BCHI	2	6.9200E+03	8.7398E+03	3.1135E+03	7.6295E+00	7.4000E+02	1.3100E+04
BCI	10	1.3291E+04	1.1834E+04	8.6044E+03	3.4846E+00	3.5600E+02	4.3800E+04
BCIJ	3	1.7360E+04	1.0900E+04	1.3878E+04	2.5173E+00	4.7800E+03	2.4000E+04
BCJ	10	1.7047E+04	1.3631E+04	1.0669E+04	3.4387E+00	1.2200E+03	4.1000E+04
BCK	10	2.0360E+04	1.5598E+04	1.1834E+04	3.9616E+00	7.1800E+02	4.2800E+04
BCL	11	1.5359E+04	1.3755E+04	1.0582E+04	2.5998E+00	2.1400E+03	5.0000E+04
BCM	11	1.5195E+04	6.1503E+03	1.4226E+04	1.4485E+00	8.3400E+03	2.6600E+04
Espadarte	13	1.2708E+04	6.3744E+03	1.1483E+04	1.5719E+00	6.1500E+03	2.4900E+04
Marlim Sul	13	9.6985E+03	4.4285E+03	8.7590E+03	1.6137E+00	3.7300E+03	1.6700E+04
P - 18	13	8.7631E+03	3.2955E+03	8.1987E+03	1.4661E+00	4.8800E+03	1.4700E+04
P - 22	13	9.7346E+02	3.3291E+02	9.2010E+02	1.4253E+00	5.1000E+02	1.5100E+03
PNA - 02	13	4.5423E+03	2.3206E+03	3.9704E+03	1.7535E+00	1.4600E+03	8.7000E+03
SS - 06	13	7.9192E+03	1.3379E+03	7.8098E+03	1.1929E+00	5.4000E+03	1.0300E+04
Global	230	1.5967E+04	2.1373E+04	7.8125E+03	3.6375E+00	2.2600E+02	1.4400E+05

Tabela 43 - Resumo estatístico para o Ba (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	3.9919E+01	3.1287E+01	3.1317E+01	2.0531E+00	8.3300E+00	1.0600E+02
BCA	3	7.2967E+01	2.2627E+01	7.0787E+01	1.3459E+00	5.5400E+01	9.8500E+01
BCB	6	6.4983E+01	3.2795E+01	5.5330E+01	2.0007E+00	1.6800E+01	1.0500E+02
BCC	10	7.6155E+01	4.8904E+01	4.8168E+01	3.6151E+00	4.8000E+00	1.3800E+02
BCD	11	1.0005E+02	6.3513E+01	6.4830E+01	3.5112E+00	5.7000E+00	2.0100E+02
BCE	12	1.3606E+02	1.5339E+02	4.5670E+01	7.3907E+00	1.0500E+00	5.1500E+02
BCEF	2	2.5950E+02	1.4496E+02	2.3840E+02	1.8053E+00	1.5700E+02	3.6200E+02
BCF	11	6.3868E+01	8.3738E+01	1.5185E+01	8.1119E+00	6.0000E-01	2.4800E+02
BCFG	1	1.0500E+02	0.0000E+00	1.0500E+02	0.0000E+00	1.0500E+02	1.0500E+02
BCG	12	3.7075E+01	4.8910E+01	1.0667E+01	6.6404E+00	5.5000E-01	1.3400E+02
BCGH	4	7.0450E+01	7.6146E+01	3.3226E+01	5.1366E+00	4.5000E+00	1.7000E+02
BCH	11	7.0459E+01	6.3772E+01	2.5174E+01	8.5790E+00	4.5000E-01	2.0600E+02
BCHI	2	5.8500E+01	8.1317E+01	1.0770E+01	2.8827E+01	1.0000E+00	1.1600E+02
BCI	10	6.2285E+01	3.7985E+01	4.0050E+01	3.9511E+00	1.2500E+00	1.1200E+02
BCIJ	3	1.0800E+02	5.6107E+01	9.6806E+01	1.8243E+00	5.0000E+01	1.6200E+02
BCJ	10	1.0941E+02	1.2343E+02	5.1215E+01	5.0580E+00	2.6500E+00	4.2600E+02
BCK	10	1.0300E+02	5.3041E+01	8.4666E+01	2.1268E+00	1.8000E+01	1.6200E+02
BCL	11	7.4273E+01	5.7385E+01	4.4837E+01	3.5866E+00	5.0000E+00	1.6600E+02
BCM	11	9.0000E+01	6.0946E+01	7.0411E+01	2.1534E+00	2.3000E+01	1.8300E+02
Espadarte	13	6.6337E+01	4.3544E+01	4.6381E+01	2.8612E+00	5.6800E+00	1.4100E+02
Marlim Sul	13	8.3692E+01	6.0537E+01	6.5383E+01	2.1768E+00	1.0600E+01	2.2000E+02
P - 18	13	5.8115E+01	5.5868E+01	3.9845E+01	2.4642E+00	1.0100E+01	2.0100E+02
P - 22	13	6.1146E+01	4.1456E+01	4.5683E+01	2.4226E+00	7.0000E+00	1.2500E+02
PNA - 02	13	3.1878E+01	2.7526E+01	2.5389E+01	1.9249E+00	8.4100E+00	1.1400E+02
SS - 06	13	1.9595E+02	8.4958E+01	1.7768E+02	1.6097E+00	7.5300E+01	3.3200E+02
Global	230	8.2037E+01	7.7795E+01	4.4133E+01	4.0215E+00	4.5000E-01	5.1500E+02

Tabela 44 - Resumo estatístico para o Cr (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	1.5562E+01	5.6042E+00	1.4570E+01	1.4757E+00	7.6500E+00	2.3800E+01
BCA	3	1.8400E+01	3.4817E+00	1.8181E+01	1.2091E+00	1.5050E+01	2.2000E+01
BCB	6	1.7075E+01	9.5334E+00	1.3901E+01	2.2006E+00	3.9000E+00	2.8200E+01
BCC	10	2.1655E+01	1.1312E+01	1.8132E+01	2.0257E+00	4.1000E+00	3.9400E+01
BCD	11	3.2773E+01	1.8950E+01	2.5934E+01	2.2961E+00	4.0000E+00	6.1500E+01
BCE	12	2.7138E+01	1.9641E+01	1.8716E+01	2.6992E+00	5.4500E+00	5.5500E+01
BCEF	2	5.7250E+01	2.7224E+01	5.3917E+01	1.6401E+00	3.8000E+01	7.6500E+01
BCF	11	1.7536E+01	1.2182E+01	1.3657E+01	2.1475E+00	5.3000E+00	3.6800E+01
BCFG	1	2.0200E+01	0.0000E+00	2.0200E+01	0.0000E+00	2.0200E+01	2.0200E+01
BCG	12	1.4579E+01	8.2029E+00	1.2586E+01	1.7927E+00	4.2500E+00	3.4600E+01
BCGH	4	2.1450E+01	9.5936E+00	1.9704E+01	1.6367E+00	1.0400E+01	3.3000E+01
BCH	11	1.6945E+01	9.1848E+00	1.4407E+01	1.8848E+00	4.8000E+00	3.1700E+01
BCHI	2	2.2150E+01	2.6092E+01	1.2256E+01	5.4403E+00	3.7000E+00	4.0600E+01
BCI	10	1.7880E+01	7.8533E+00	1.5690E+01	1.8403E+00	3.8500E+00	2.9300E+01
BCIJ	3	2.7300E+01	1.4481E+01	2.3863E+01	1.9933E+00	1.0800E+01	3.7900E+01
BCJ	10	1.8360E+01	9.5438E+00	1.5974E+01	1.7813E+00	7.3000E+00	3.1300E+01
BCK	10	2.3670E+01	1.1704E+01	2.1492E+01	1.5741E+00	1.0600E+01	5.0400E+01
BCL	11	2.1891E+01	1.0947E+01	1.9853E+01	1.5702E+00	1.0300E+01	4.7200E+01
BCM	11	2.3373E+01	6.9120E+00	2.2529E+01	1.3221E+00	1.5400E+01	3.7000E+01
Espadarte	13	2.0231E+01	7.3811E+00	1.8828E+01	1.5076E+00	1.0700E+01	3.2000E+01
Marlim Sul	13	2.6038E+01	4.4263E+01	1.5071E+01	2.4701E+00	3.5000E+00	1.7200E+02
P - 18	13	1.2465E+01	5.9696E+00	9.5376E+00	2.6764E+00	1.0000E+00	1.8700E+01
P - 22	13	5.6769E+00	4.0016E+00	3.7320E+00	2.9764E+00	1.0000E+00	1.1300E+01
PNA - 02	13	9.2923E+00	7.2656E+00	6.1561E+00	3.0869E+00	5.0000E-01	2.7000E+01
SS - 06	13	3.4977E+00	2.3262E+00	2.6912E+00	2.2264E+00	1.0000E+00	7.0100E+00
Global	230	1.8472E+01	1.6147E+01	1.3112E+01	2.5669E+00	5.0000E-01	1.7200E+02

Tabela 45 - Resumo estatístico para o Cu (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	8.5708E+00	8.4303E+00	5.5944E+00	2.5890E+00	1.6500E+00	2.3400E+01
BCA	3	1.4317E+01	3.6573E+00	1.4004E+01	1.2946E+00	1.0800E+01	1.8100E+01
BCB	6	1.3400E+01	8.4741E+00	8.8049E+00	3.6071E+00	8.5000E-01	2.0100E+01
BCC	10	1.7685E+01	1.2813E+01	1.4475E+01	1.9478E+00	4.3500E+00	5.0000E+01
BCD	11	3.0745E+01	1.4037E+01	2.4841E+01	2.4704E+00	1.9000E+00	5.0000E+01
BCE	12	2.8879E+01	1.6400E+01	2.1877E+01	2.5977E+00	2.3500E+00	5.0000E+01
BCEF	2	3.5450E+01	1.5910E+01	3.3618E+01	1.5918E+00	2.4200E+01	4.6700E+01
BCF	11	4.3323E+01	5.1051E+01	2.3454E+01	3.7009E+00	1.7500E+00	1.8600E+02
BCFG	1	6.4000E+00	0.0000E+00	6.4000E+00	0.0000E+00	6.4000E+00	6.4000E+00
BCG	12	1.6942E+01	1.7775E+01	8.4529E+00	3.8714E+00	1.5500E+00	5.0000E+01
BCGH	4	3.3212E+01	2.2330E+01	2.1502E+01	3.9297E+00	2.8500E+00	5.0000E+01
BCH	11	1.6055E+01	1.3444E+01	1.1635E+01	2.4504E+00	2.1000E+00	5.0000E+01
BCHI	2	2.2000E+00	2.8284E-01	2.1909E+00	1.1376E+00	2.0000E+00	2.4000E+00
BCI	10	8.7400E+00	7.0350E+00	6.3755E+00	2.4488E+00	1.1500E+00	2.5000E+01
BCIJ	3	2.5533E+01	2.1313E+01	2.0472E+01	2.2096E+00	1.1000E+01	5.0000E+01
BCJ	10	3.2910E+01	1.5724E+01	2.9377E+01	1.6704E+00	1.4400E+01	5.0000E+01
BCK	10	1.3230E+01	9.0458E+00	9.5043E+00	2.6937E+00	1.2000E+00	2.5700E+01
BCL	11	1.6855E+01	1.4181E+01	1.0687E+01	3.1613E+00	1.3000E+00	5.0000E+01
BCM	11	2.2864E+01	1.8921E+01	1.4431E+01	3.2013E+00	1.3000E+00	5.0000E+01
Espadarte	13	1.5250E+01	1.1779E+01	1.1652E+01	2.2695E+00	1.6000E+00	4.5700E+01
Marlim Sul	13	1.2092E+01	7.4409E+00	1.0594E+01	1.6531E+00	4.9000E+00	2.9000E+01
P - 18	13	9.6038E+00	7.6695E+00	7.0003E+00	2.4523E+00	9.0000E-01	2.7000E+01
P - 22	13	1.1731E+00	6.5116E-01	1.0777E+00	1.4625E+00	6.5000E-01	3.2500E+00
PNA - 02	13	7.3231E+00	1.6879E+01	2.5578E+00	3.4254E+00	1.0000E+00	6.3000E+01
SS - 06	13	4.8646E+00	3.3850E+00	3.6188E+00	2.3949E+00	1.0000E+00	1.0200E+01
Global	230	1.6848E+01	1.9062E+01	9.0994E+00	3.4292E+00	6.5000E-01	1.8600E+02

Tabela 46 - Resumo estatístico para o Fe (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	7.1625E+03	2.2646E+03	6.8090E+03	1.4060E+00	4.0900E+03	1.0400E+04
BCA	3	9.1500E+03	1.8993E+03	9.0077E+03	1.2479E+00	7.0000E+03	1.0600E+04
BCB	6	8.0533E+03	3.9972E+03	6.9365E+03	1.9308E+00	2.3900E+03	1.2700E+04
BCC	10	8.8320E+03	5.1657E+03	6.9366E+03	2.2826E+00	1.6000E+03	1.5400E+04
BCD	11	1.2087E+04	5.6707E+03	1.0236E+04	2.0083E+00	2.3000E+03	1.8900E+04
BCE	12	9.7670E+03	7.0196E+03	6.1163E+03	3.3854E+00	4.4400E+02	1.7600E+04
BCEF	2	1.7700E+04	4.3841E+03	1.7426E+04	1.2844E+00	1.4600E+04	2.0800E+04
BCF	11	6.5456E+03	5.7465E+03	3.7786E+03	3.4683E+00	4.5700E+02	1.4900E+04
BCFG	1	9.7000E+03	0.0000E+00	9.7000E+03	0.0000E+00	9.7000E+03	9.7000E+03
BCG	12	5.2878E+03	4.3847E+03	3.1942E+03	3.5702E+00	2.3800E+02	1.4400E+04
BCGH	4	1.0300E+04	4.4505E+03	9.4603E+03	1.6480E+00	4.9000E+03	1.4000E+04
BCH	11	7.6691E+03	4.1115E+03	6.0948E+03	2.3224E+00	8.6000E+02	1.3000E+04
BCHI	2	8.9900E+03	1.0904E+04	4.6234E+03	6.1487E+00	1.2800E+03	1.6700E+04
BCI	10	7.7158E+03	3.8182E+03	5.7267E+03	3.0523E+00	2.9800E+02	1.1800E+04
BCIJ	3	1.0330E+04	5.1684E+03	9.1872E+03	1.8977E+00	4.3900E+03	1.3800E+04
BCJ	10	7.9890E+03	3.6299E+03	7.1265E+03	1.7029E+00	2.9700E+03	1.2600E+04
BCK	10	1.7536E+04	9.1663E+03	1.4872E+04	1.9290E+00	4.8900E+03	3.2300E+04
BCL	11	1.4335E+04	9.2989E+03	1.1778E+04	1.9700E+00	3.6000E+03	3.4100E+04
BCM	11	1.7218E+04	6.4608E+03	1.6187E+04	1.4417E+00	1.0300E+04	2.8500E+04
Espadarte	13	1.0758E+04	1.7582E+03	1.0615E+04	1.1906E+00	6.9500E+03	1.4100E+04
Marlim Sul	13	8.8969E+03	2.4714E+03	8.5064E+03	1.3954E+00	3.7100E+03	1.2600E+04
P - 18	13	8.5000E+03	1.9868E+03	8.3150E+03	1.2361E+00	6.2000E+03	1.3800E+04
P - 22	13	3.0515E+03	5.4623E+02	3.0039E+03	1.2066E+00	2.0700E+03	3.8600E+03
PNA - 02	13	6.0585E+03	2.8395E+03	5.4390E+03	1.6495E+00	2.2500E+03	1.2500E+04
SS - 06	13	9.6169E+03	2.0977E+03	9.4190E+03	1.2348E+00	6.2100E+03	1.5000E+04
Global	230	9.3228E+03	5.8323E+03	7.2754E+03	2.2666E+00	2.3800E+02	3.4100E+04

Tabela 47 - Resumo estatístico para o Mn (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	1.0077E+02	3.8857E+01	9.3558E+01	1.5106E+00	4.5800E+01	1.5500E+02
BCA	3	3.0800E+02	5.6666E+01	3.0425E+02	1.2160E+00	2.4300E+02	3.4700E+02
BCB	6	2.4258E+02	1.0591E+02	2.1771E+02	1.7296E+00	9.7500E+01	3.3900E+02
BCC	10	2.7100E+02	1.3950E+02	2.2771E+02	2.0081E+00	6.0000E+01	5.0000E+02
BCD	11	4.3795E+02	3.5802E+02	2.9513E+02	2.8613E+00	4.7900E+01	1.1500E+03
BCE	12	2.9400E+02	2.3126E+02	1.4698E+02	5.0684E+00	3.8500E+00	6.4000E+02
BCEF	2	6.7450E+02	4.5326E+02	5.9349E+02	2.0767E+00	3.5400E+02	9.9500E+02
BCF	11	1.6604E+02	1.7826E+02	6.1857E+01	5.6773E+00	4.6000E+00	4.7000E+02
BCFG	1	1.6100E+02	0.0000E+00	1.6100E+02	0.0000E+00	1.6100E+02	1.6100E+02
BCG	12	1.2468E+02	1.3510E+02	5.1576E+01	5.2971E+00	2.8000E+00	4.0600E+02
BCGH	4	6.2125E+02	6.5225E+02	4.1217E+02	2.8882E+00	1.1800E+02	1.5800E+03
BCH	11	2.1881E+02	1.3011E+02	1.5874E+02	2.8053E+00	1.3900E+01	3.6800E+02
BCHI	2	1.2690E+02	1.5146E+02	6.8068E+01	5.7333E+00	1.9800E+01	2.3400E+02
BCI	10	2.2683E+02	1.4840E+02	1.4544E+02	3.8356E+00	5.3500E+00	4.9800E+02
BCIJ	3	3.2600E+02	2.0476E+02	2.6136E+02	2.4970E+00	9.1000E+01	4.6600E+02
BCJ	10	2.4800E+02	1.6321E+02	1.8686E+02	2.4176E+00	4.4400E+01	5.2500E+02
BCK	10	3.1568E+02	2.2039E+02	2.4005E+02	2.3247E+00	7.2600E+01	7.8100E+02
BCL	11	3.4331E+02	4.9516E+02	1.5997E+02	3.5628E+00	3.4700E+01	1.7100E+03
BCM	11	2.7146E+02	2.1880E+02	1.9552E+02	2.3872E+00	6.4300E+01	6.7100E+02
Espadarte	13	3.0977E+02	1.0389E+02	2.8934E+02	1.5130E+00	1.2700E+02	4.6900E+02
Marlim Sul	13	2.2232E+02	1.0535E+02	2.0402E+02	1.5234E+00	8.5100E+01	4.9100E+02
P - 18	13	1.7377E+02	3.7601E+01	1.6978E+02	1.2567E+00	1.1400E+02	2.2000E+02
P - 22	13	5.3085E+01	1.6377E+01	5.0851E+01	1.3577E+00	2.9000E+01	8.9500E+01
PNA - 02	13	1.1231E+02	3.7667E+01	1.0728E+02	1.3633E+00	6.1000E+01	2.1500E+02
SS - 06	13	1.1984E+02	3.4253E+01	1.1514E+02	1.3517E+00	5.7900E+01	1.7800E+02
Global	230	2.3110E+02	2.2534E+02	1.4844E+02	2.9127E+00	2.8000E+00	1.7100E+03

Tabela 48 - Resumo estatístico para o Ni (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	5.3000E+00	1.7037E+00	5.0309E+00	1.4141E+00	2.8500E+00	8.0000E+00
BCA	3	8.8000E+00	1.2379E+00	8.7390E+00	1.1577E+00	7.4000E+00	9.7500E+00
BCB	6	7.2667E+00	2.9639E+00	6.6385E+00	1.6459E+00	2.9500E+00	1.0200E+01
BCC	10	7.9550E+00	4.5879E+00	6.1648E+00	2.4592E+00	8.0000E-01	1.5000E+01
BCD	11	1.8014E+01	1.1314E+01	1.4382E+01	2.1713E+00	2.6000E+00	4.0000E+01
BCE	12	1.7725E+01	1.2634E+01	1.1654E+01	3.4113E+00	5.0000E-01	4.0000E+01
BCEF	2	2.6000E+01	1.4425E+01	2.3916E+01	1.7972E+00	1.5800E+01	3.6200E+01
BCF	11	1.0473E+01	1.1306E+01	5.5498E+00	3.8089E+00	5.5000E-01	4.0000E+01
BCFG	1	7.5500E+00	0.0000E+00	7.5500E+00	0.0000E+00	7.5500E+00	7.5500E+00
BCG	12	6.0667E+00	4.5767E+00	3.9975E+00	3.0882E+00	5.0000E-01	1.6400E+01
BCGH	4	7.7625E+00	5.2047E+00	6.3684E+00	2.1591E+00	2.3000E+00	1.4800E+01
BCH	11	7.6227E+00	4.4729E+00	6.0889E+00	2.1716E+00	1.4000E+00	1.3300E+01
BCHI	2	6.3000E+00	8.0610E+00	2.6833E+00	8.3170E+00	6.0000E-01	1.2000E+01
BCI	10	7.6900E+00	4.0419E+00	5.8774E+00	2.8343E+00	3.5000E-01	1.5600E+01
BCIJ	3	1.2133E+01	7.1626E+00	1.0141E+01	2.2472E+00	4.0000E+00	1.7500E+01
BCJ	10	8.1550E+00	4.9041E+00	6.4817E+00	2.1889E+00	1.8500E+00	1.4800E+01
BCK	10	1.8580E+01	1.3424E+01	1.3928E+01	2.3874E+00	2.5000E+00	4.0000E+01
BCL	11	1.2682E+01	1.2452E+01	8.4752E+00	2.5263E+00	2.6000E+00	4.0000E+01
BCM	11	1.1018E+01	6.9924E+00	9.1900E+00	1.8926E+00	3.4000E+00	2.3800E+01
Espadarte	13	9.1115E+00	2.9373E+00	8.5770E+00	1.4694E+00	4.1500E+00	1.3000E+01
Marlim Sul	13	6.4269E+00	2.4167E+00	5.8043E+00	1.7153E+00	1.3000E+00	1.0200E+01
P - 18	13	7.1000E+00	2.2281E+00	6.5841E+00	1.6013E+00	1.6000E+00	1.0500E+01
P - 22	13	4.4923E+00	2.9119E+00	3.6671E+00	1.9413E+00	1.6500E+00	8.0000E+00
PNA - 02	13	5.0692E+00	2.5723E+00	4.2382E+00	2.0493E+00	6.5000E-01	8.0000E+00
SS - 06	13	3.1708E+00	1.7306E+00	2.8419E+00	1.6008E+00	1.2600E+00	8.0000E+00
Global	230	9.1314E+00	8.0651E+00	6.4706E+00	2.4306E+00	3.5000E-01	4.0000E+01

Tabela 49 - Resumo estatístico para o Pb (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	3.1625E+00	1.8932E+00	2.7389E+00	1.7250E+00	1.4500E+00	7.5500E+00
BCA	3	6.3167E+00	2.5201E+00	5.9833E+00	1.5000E+00	4.0000E+00	9.0000E+00
BCB	6	5.4583E+00	2.0141E+00	5.1472E+00	1.4607E+00	3.2500E+00	8.3000E+00
BCC	10	5.5000E+00	2.7571E+00	4.8915E+00	1.6962E+00	1.9500E+00	1.1700E+01
BCD	11	3.3505E+01	2.2941E+01	2.0023E+01	3.7126E+00	2.2500E+00	5.0000E+01
BCE	12	2.6113E+01	2.4958E+01	9.9186E+00	5.6896E+00	6.5000E-01	5.0000E+01
BCEF	2	5.0000E+01	0.0000E+00	5.0000E+01	0.0000E+00	5.0000E+01	5.0000E+01
BCF	11	1.1527E+01	1.9119E+01	4.2422E+00	3.8516E+00	1.0500E+00	5.0000E+01
BCFG	1	6.4500E+00	0.0000E+00	6.4500E+00	0.0000E+00	6.4500E+00	6.4500E+00
BCG	12	1.0554E+01	1.8448E+01	4.0997E+00	3.3979E+00	1.2500E+00	5.0000E+01
BCGH	4	1.6913E+01	2.2129E+01	9.6369E+00	3.1639E+00	3.4000E+00	5.0000E+01
BCH	11	1.1945E+01	1.8854E+01	5.3323E+00	3.2140E+00	1.7000E+00	5.0000E+01
BCHI	2	6.6250E+00	5.6215E+00	5.3000E+00	2.6651E+00	2.6500E+00	1.0600E+01
BCI	10	9.0950E+00	1.4518E+01	5.2643E+00	2.4970E+00	2.1500E+00	5.0000E+01
BCIJ	3	5.8000E+00	1.1034E+00	5.7279E+00	1.2158E+00	4.6500E+00	6.8500E+00
BCJ	10	1.3485E+01	1.9338E+01	6.5762E+00	3.1321E+00	2.3500E+00	5.0000E+01
BCK	10	2.5540E+00	1.7029E+00	2.2196E+00	1.6600E+00	1.5200E+00	6.4300E+00
BCL	11	6.6318E+00	1.4396E+01	2.9505E+00	2.6415E+00	1.6200E+00	5.0000E+01
BCM	11	6.9300E+00	1.4313E+01	3.2565E+00	2.6268E+00	1.4600E+00	5.0000E+01
Espadarte	13	7.7538E+00	6.1652E+00	6.5966E+00	1.6846E+00	3.0500E+00	2.7400E+01
Marlim Sul	13	5.0615E+00	2.8892E+00	4.2238E+00	1.9651E+00	9.5000E-01	1.0400E+01
P - 18	13	6.6885E+00	6.2819E+00	4.8644E+00	2.3525E+00	9.0000E-01	2.6000E+01
P - 22	13	3.0731E+00	3.9628E+00	1.6122E+00	2.9763E+00	6.0000E-01	1.0000E+01
PNA - 02	13	3.8962E+00	1.5618E+00	3.6095E+00	1.5074E+00	2.1000E+00	6.8000E+00
SS - 06	13	3.8900E+00	2.9884E+00	3.0003E+00	2.1335E+00	8.4000E-01	1.1100E+01
Global	230	9.6147E+00	1.5090E+01	4.6107E+00	2.9613E+00	6.0000E-01	5.0000E+01

Tabela 10 - Resumo estatístico para o V (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	1.6846E+01	8.0398E+00	1.5061E+01	1.6619E+00	7.1000E+00	3.3900E+01
BCA	3	1.9767E+01	6.9140E+00	1.8808E+01	1.4981E+00	1.1800E+01	2.4200E+01
BCB	6	1.7300E+01	1.0397E+01	1.3638E+01	2.3448E+00	3.4500E+00	3.0600E+01
BCC	10	2.2590E+01	1.2405E+01	1.7160E+01	2.6794E+00	1.5000E+00	3.8600E+01
BCD	11	3.3959E+01	2.2189E+01	2.3259E+01	3.1264E+00	1.7500E+00	6.7500E+01
BCE	12	2.8421E+01	2.2518E+01	1.5770E+01	3.9428E+00	1.5500E+00	6.4000E+01
BCEF	2	6.3950E+01	3.0476E+01	6.0210E+01	1.6420E+00	4.2400E+01	8.5500E+01
BCF	11	1.4377E+01	1.5426E+01	6.7936E+00	4.0843E+00	1.0000E+00	4.2700E+01
BCFG	1	1.3800E+01	0.0000E+00	1.3800E+01	0.0000E+00	1.3800E+01	1.3800E+01
BCG	12	1.1629E+01	1.0914E+01	7.8536E+00	2.5647E+00	1.6000E+00	3.8200E+01
BCGH	4	2.5575E+01	1.4686E+01	1.9492E+01	2.7976E+00	4.2000E+00	3.7600E+01
BCH	11	1.6591E+01	1.1288E+01	1.0839E+01	3.3249E+00	1.0500E+00	3.5100E+01
BCHI	2	2.7675E+01	3.5815E+01	1.1160E+01	9.0545E+00	2.3500E+00	5.3000E+01
BCI	10	1.4480E+01	8.8901E+00	9.3270E+00	3.7609E+00	4.5000E-01	2.6700E+01
BCIJ	3	1.9700E+01	1.5531E+01	1.1385E+01	4.9420E+00	1.8000E+00	2.9600E+01
BCJ	10	1.5105E+01	1.1224E+01	9.1550E+00	3.7037E+00	6.0000E-01	3.3000E+01
BCK	10	5.2300E+01	2.7056E+01	4.1980E+01	2.3491E+00	5.0000E+00	8.9000E+01
BCL	11	4.2091E+01	3.0075E+01	2.7620E+01	3.1415E+00	5.0000E+00	9.5000E+01
BCM	11	5.4636E+01	2.6303E+01	4.4841E+01	2.2635E+00	5.0000E+00	8.9000E+01
Espadarte	13	2.8662E+01	8.1821E+00	2.7579E+01	1.3394E+00	1.5100E+01	4.1900E+01
Marlim Sul	13	2.4762E+01	8.4429E+00	2.3313E+01	1.4556E+00	1.1000E+01	4.1700E+01
P - 18	13	2.3662E+01	5.8024E+00	2.3090E+01	1.2504E+00	1.7300E+01	3.7100E+01
P - 22	13	7.6731E+00	1.6964E+00	7.4872E+00	1.2660E+00	4.5500E+00	9.9000E+00
PNA - 02	13	1.8100E+01	9.5867E+00	1.5840E+01	1.7439E+00	5.4500E+00	4.2200E+01
SS - 06	13	6.9546E+00	4.3704E+00	5.7926E+00	1.9300E+00	1.6300E+00	1.8700E+01
Global	230	2.3717E+01	1.9835E+01	1.5472E+01	2.8871E+00	4.5000E-01	9.5000E+01

Tabela 51 - Resumo estatístico para o Zn (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	1.6917E+01	6.1340E+00	1.5805E+01	1.4885E+00	7.9500E+00	2.4900E+01
BCA	3	2.2367E+01	7.5763E+00	2.1518E+01	1.4074E+00	1.5350E+01	3.0400E+01
BCB	6	2.1758E+01	1.1780E+01	1.8661E+01	1.9021E+00	8.2500E+00	3.7600E+01
BCC	10	2.5985E+01	1.7436E+01	1.8748E+01	2.7262E+00	2.4500E+00	5.4000E+01
BCD	11	4.3591E+01	2.8893E+01	2.8838E+01	3.3410E+00	2.2000E+00	8.6000E+01
BCE	12	3.3804E+01	2.8955E+01	1.5488E+01	5.0283E+00	1.1000E+00	7.8500E+01
BCEF	2	8.0000E+01	4.2426E+01	7.4162E+01	1.7463E+00	5.0000E+01	1.1000E+02
BCF	11	1.7500E+01	1.9732E+01	7.6396E+00	4.4072E+00	1.0500E+00	5.5500E+01
BCFG	1	2.0600E+01	0.0000E+00	2.0600E+01	0.0000E+00	2.0600E+01	2.0600E+01
BCG	12	1.4933E+01	1.6264E+01	7.6627E+00	3.6288E+00	1.2000E+00	5.3500E+01
BCGH	4	2.1150E+01	2.0035E+01	1.4104E+01	2.9538E+00	4.5500E+00	4.8100E+01
BCH	11	1.8059E+01	1.2815E+01	1.3105E+01	2.5121E+00	3.2500E+00	4.1200E+01
BCHI	2	1.4525E+01	1.5662E+01	9.3979E+00	4.1255E+00	3.4500E+00	2.5600E+01
BCI	10	2.0310E+01	8.7706E+00	1.8136E+01	1.7390E+00	5.1000E+00	3.2600E+01
BCIJ	3	2.6433E+01	1.0609E+01	2.4684E+01	1.6147E+00	1.4200E+01	3.3100E+01
BCJ	10	1.8690E+01	1.6420E+01	8.5962E+00	5.9930E+00	1.5000E-01	5.1500E+01
BCK	10	2.8770E+01	1.9083E+01	2.1246E+01	2.5605E+00	3.0000E+00	5.5000E+01
BCL	11	2.4500E+01	1.6914E+01	1.9491E+01	2.0601E+00	7.4000E+00	5.6600E+01
BCM	11	2.8709E+01	1.1887E+01	2.6760E+01	1.4673E+00	1.7800E+01	4.9700E+01
Espadarte	13	3.3669E+01	9.9836E+00	3.2511E+01	1.3066E+00	2.1400E+01	5.9000E+01
Marlim Sul	13	2.8638E+01	2.2763E+01	2.3990E+01	1.7615E+00	9.3000E+00	1.0000E+02
P - 18	13	3.2208E+01	3.2406E+01	2.5664E+01	1.8102E+00	1.3200E+01	1.3700E+02
P - 22	13	3.8038E+00	1.5031E+00	3.5474E+00	1.4754E+00	1.8000E+00	7.1000E+00
PNA - 02	13	1.1919E+01	7.2486E+00	9.9967E+00	1.8974E+00	2.8500E+00	2.7900E+01
SS - 06	13	1.8392E+01	6.8623E+00	1.7332E+01	1.4231E+00	1.1600E+01	3.3200E+01
Global	230	2.3586E+01	1.9890E+01	1.5649E+01	2.8447E+00	1.5000E-01	1.3700E+02

Tabela 52 - Resumo estatístico para Areia (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	5.6249E+01	1.5707E+01	5.3904E+01	1.3786E+00	2.5350E+01	7.9750E+01
BCA	3	5.3900E+00	3.5381E+00	4.4310E+00	2.2883E+00	1.7700E+00	8.8400E+00
BCB	6	4.1417E+00	3.3309E+00	1.9160E+00	6.6638E+00	6.0000E-02	7.8200E+00
BCC	10	5.4560E+00	4.0833E+00	3.6345E+00	3.0022E+00	5.7000E-01	1.1660E+01
BCD	11	1.4188E+01	2.4193E+01	6.9003E+00	3.1415E+00	1.4400E+00	8.5610E+01
BCE	12	2.7635E+01	3.7979E+01	1.0235E+01	4.6967E+00	6.5000E-01	9.6390E+01
BCEF	2	7.4700E+00	3.3234E+00	7.0907E+00	1.5849E+00	5.1200E+00	9.8200E+00
BCF	11	4.9844E+01	4.3692E+01	2.1366E+01	5.8003E+00	7.1000E-01	9.8180E+01
BCFG	1	3.8230E+01	0.0000E+00	3.8230E+01	0.0000E+00	3.8230E+01	3.8230E+01
BCG	12	6.4752E+01	4.2555E+01	3.8689E+01	3.8154E+00	3.3200E+00	9.8950E+01
BCGH	4	4.4027E+01	3.8405E+01	2.7119E+01	3.7432E+00	4.6500E+00	9.0130E+01
BCH	11	4.2634E+01	4.3816E+01	1.5548E+01	6.1586E+00	1.2800E+00	9.8500E+01
BCHI	2	3.0275E+01	3.1473E+01	2.0525E+01	3.7771E+00	8.0200E+00	5.2530E+01
BCI	10	2.2059E+01	3.0298E+01	1.0724E+01	3.5354E+00	1.6200E+00	9.7220E+01
BCIJ	3	7.3800E+00	8.1624E+00	4.9123E+00	2.9145E+00	2.4000E+00	1.6800E+01
BCJ	10	2.2218E+01	3.5038E+01	8.7374E+00	3.7202E+00	2.2300E+00	9.2440E+01
BCK	10	2.3106E+01	3.8523E+01	6.5990E+00	5.0807E+00	8.5000E-01	9.8330E+01
BCL	11	3.8737E+01	4.3806E+01	1.4245E+01	5.4010E+00	1.1200E+00	9.5200E+01
BCM	11	3.4995E+01	3.3147E+01	1.8203E+01	3.8376E+00	2.9100E+00	7.9810E+01
Espadarte	13	6.1977E+00	3.4294E+00	5.3835E+00	1.7475E+00	2.0500E+00	1.3690E+01
Marlim Sul	13	2.5549E+01	1.3968E+01	2.1902E+01	1.8267E+00	7.3000E+00	4.9722E+01
P - 18	13	4.5782E+01	2.1474E+01	3.9493E+01	1.8812E+00	9.6600E+00	7.7950E+01
P - 22	13	9.7570E+01	1.4584E+00	9.7560E+01	1.0152E+00	9.4220E+01	9.9020E+01
PNA - 02	13	3.3709E+01	1.5553E+01	3.0168E+01	1.6752E+00	9.6000E+00	6.1760E+01
SS - 06	13	3.6262E+00	3.2365E+00	2.8493E+00	1.9599E+00	1.1300E+00	1.3420E+01
Global	230	3.3091E+01	3.5545E+01	1.4200E+01	4.4422E+00	6.0000E-02	9.9020E+01

Tabela 53 - Resumo estatístico para Silte (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	3.3214E+01	1.3135E+01	3.0694E+01	1.5361E+00	1.3190E+01	5.5040E+01
BCA	3	8.6830E+01	2.2640E+00	8.6810E+01	1.0266E+00	8.4260E+01	8.8530E+01
BCB	6	8.4547E+01	6.0845E+00	8.4367E+01	1.0739E+00	7.8160E+01	9.4200E+01
BCC	10	7.9193E+01	1.5462E+01	7.7280E+01	1.2908E+00	3.8460E+01	9.0570E+01
BCD	11	7.6028E+01	2.3056E+01	6.8239E+01	1.8669E+00	1.0640E+01	9.1710E+01
BCE	12	6.0600E+01	3.6670E+01	3.2405E+01	5.3939E+00	5.9000E-01	9.6530E+01
BCEF	2	7.8095E+01	5.6356E+00	7.7993E+01	1.0749E+00	7.4110E+01	8.2080E+01
BCF	11	3.7757E+01	3.8918E+01	6.8940E+00	1.4951E+01	8.0000E-02	9.6820E+01
BCFG	1	5.8540E+01	0.0000E+00	5.8540E+01	0.0000E+00	5.8540E+01	5.8540E+01
BCG	12	3.1667E+01	4.0825E+01	5.6429E+00	1.1423E+01	1.4000E-01	9.5510E+01
BCGH	4	5.1567E+01	3.7969E+01	3.6960E+01	2.9478E+00	8.2900E+00	9.5060E+01
BCH	11	5.0135E+01	4.1509E+01	1.4259E+01	1.1918E+01	8.0000E-02	9.3300E+01
BCHI	2	5.4680E+01	2.8171E+01	5.0922E+01	1.7160E+00	3.4760E+01	7.4600E+01
BCI	10	6.2976E+01	2.9771E+01	3.8021E+01	6.0974E+00	2.4000E-01	9.1640E+01
BCIJ	3	7.4243E+01	1.3750E+01	7.3441E+01	1.1949E+00	6.4490E+01	8.9970E+01
BCJ	10	6.8866E+01	3.4193E+01	4.9504E+01	3.1070E+00	3.9000E+00	9.2500E+01
BCK	10	7.0302E+01	3.5984E+01	4.4512E+01	4.2001E+00	1.6600E+00	9.5570E+01
BCL	11	5.5475E+01	4.1171E+01	2.9819E+01	4.2261E+00	3.5000E+00	9.3780E+01
BCM	11	5.9597E+01	3.2773E+01	4.8706E+01	2.0732E+00	1.6960E+01	9.3130E+01
Espadarte	13	8.7616E+01	3.5032E+00	8.7553E+01	1.0402E+00	8.2630E+01	9.6060E+01
Marlim Sul	13	6.9690E+01	1.3839E+01	6.8297E+01	1.2398E+00	4.4430E+01	8.8350E+01
P - 18	13	5.0986E+01	2.3703E+01	4.5062E+01	1.7351E+00	1.5430E+01	8.7470E+01
P - 22	13	8.3615E-01	8.7471E-01	5.5487E-01	3.1452E+00	7.0000E-02	2.7100E+00
PNA - 02	13	4.7622E+01	1.9113E+01	4.4287E+01	1.4859E+00	2.3280E+01	8.1950E+01
SS - 06	13	8.1385E+01	8.6026E+00	8.0952E+01	1.1145E+00	6.4490E+01	9.6520E+01
Global	230	5.7846E+01	3.3584E+01	3.0584E+01	5.7370E+00	7.0000E-02	9.6820E+01

Tabela 54 - Resumo estatístico para Argila (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	1.0537E+01	4.0679E+00	9.9092E+00	1.4296E+00	6.6900E+00	1.9610E+01
BCA	3	7.7800E+00	2.4325E+00	7.5443E+00	1.3485E+00	5.9100E+00	1.0530E+01
BCB	6	1.1312E+01	3.0553E+00	1.0870E+01	1.3935E+00	5.7400E+00	1.4020E+01
BCC	10	1.5351E+01	1.3317E+01	1.2508E+01	1.8137E+00	7.6400E+00	5.0820E+01
BCD	11	9.8109E+00	7.6914E+00	7.3066E+00	2.4173E+00	1.0000E+00	2.7860E+01
BCE	12	1.1794E+01	9.0758E+00	8.3143E+00	2.6774E+00	1.0000E+00	3.0810E+01
BCEF	2	1.4435E+01	2.3122E+00	1.4342E+01	1.1745E+00	1.2800E+01	1.6070E+01
BCF	11	1.1886E+01	1.1693E+01	7.1052E+00	3.1177E+00	1.5300E+00	3.3820E+01
BCFG	1	3.2400E+00	0.0000E+00	3.2400E+00	0.0000E+00	3.2400E+00	3.2400E+00
BCG	12	3.4717E+00	2.8598E+00	2.1234E+00	3.7103E+00	7.0000E-02	8.9400E+00
BCGH	4	4.4075E+00	4.4658E+00	2.2578E+00	4.8223E+00	2.9000E-01	1.0200E+01
BCH	11	7.0964E+00	5.8321E+00	5.1130E+00	2.4022E+00	1.4300E+00	1.7750E+01
BCHI	2	1.5050E+01	3.2951E+00	1.4869E+01	1.2470E+00	1.2720E+01	1.7380E+01
BCI	10	1.4886E+01	1.1836E+01	1.0234E+01	2.7058E+00	1.7400E+00	3.5070E+01
BCIJ	3	1.8373E+01	1.0589E+01	1.6011E+01	1.9703E+00	7.6200E+00	2.8790E+01
BCJ	10	8.4610E+00	7.0594E+00	6.5059E+00	2.1344E+00	2.0000E+00	2.5980E+01
BCK	10	6.6710E+00	8.5793E+00	2.9536E+00	4.7964E+00	1.1000E-01	2.8120E+01
BCL	11	5.6918E+00	6.4977E+00	2.8050E+00	4.4406E+00	1.1000E-01	2.2130E+01
BCM	11	5.2709E+00	2.1400E+00	4.8930E+00	1.5018E+00	2.6100E+00	8.9000E+00
Espadarte	13	6.2092E+00	2.8134E+00	5.4615E+00	1.8037E+00	1.1800E+00	1.0690E+01
Marlim Sul	13	4.3285E+00	2.2175E+00	4.0063E+00	1.4466E+00	2.7000E+00	1.1240E+01
P - 18	13	5.4577E+00	2.7680E+00	4.8269E+00	1.6906E+00	2.0300E+00	1.1290E+01
P - 22	13	8.9385E-01	5.0624E-01	7.4079E-01	2.0126E+00	1.5000E-01	1.9500E+00
PNA - 02	13	1.8480E+01	1.0770E+01	1.3584E+01	2.8098E+00	1.0000E+00	4.1180E+01
SS - 06	13	1.5067E+01	7.2608E+00	1.2279E+01	2.3316E+00	1.0000E+00	2.8810E+01
Global	230	9.0543E+00	8.3199E+00	5.6262E+00	3.1010E+00	7.0000E-02	5.0820E+01

Tabela 55 - Resumo estatístico para Carbonato (mg/kg) para plataformas e transetes com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	3.5168E+01	1.4770E+01	3.3314E+01	1.3670E+00	2.3310E+01	7.9450E+01
BCA	3	3.6997E+01	7.8186E+00	3.6483E+01	1.2229E+00	3.2230E+01	4.6020E+01
BCB	6	3.4263E+01	2.1070E+01	2.9164E+01	1.8718E+00	1.2660E+01	6.5090E+01
BCC	10	3.9603E+01	2.8521E+01	3.1096E+01	2.1297E+00	8.1200E+00	9.1550E+01
BCD	11	2.4784E+01	2.7683E+01	1.3995E+01	3.1160E+00	3.5300E+00	8.5140E+01
BCE	12	2.5599E+01	2.3395E+01	1.7743E+01	2.5106E+00	2.9200E+00	7.3390E+01
BCEF	2	1.2895E+01	8.0398E+00	1.1574E+01	1.9530E+00	7.2100E+00	1.8580E+01
BCF	11	3.0135E+01	2.6754E+01	1.9763E+01	2.7963E+00	2.9400E+00	8.3180E+01
BCFG	1	2.2350E+01	0.0000E+00	2.2350E+01	0.0000E+00	2.2350E+01	2.2350E+01
BCG	12	1.5900E+01	1.7351E+01	8.2806E+00	3.7560E+00	9.9000E-01	5.8030E+01
BCGH	4	3.0597E+01	1.9579E+01	2.6715E+01	1.7932E+00	1.4500E+01	5.9100E+01
BCH	11	2.2912E+01	2.1808E+01	1.2887E+01	3.9941E+00	8.8000E-01	7.9190E+01
BCHI	2	2.6255E+01	2.3582E+01	2.0280E+01	2.8881E+00	9.5800E+00	4.2930E+01
BCI	10	3.1898E+01	2.5140E+01	2.1939E+01	2.8280E+00	2.8100E+00	8.4430E+01
BCIJ	3	2.3477E+01	3.4502E+01	9.0676E+00	5.5046E+00	2.6000E+00	6.3300E+01
BCJ	10	4.1298E+01	2.7942E+01	2.8111E+01	3.0675E+00	2.8500E+00	7.8350E+01
BCK	10	3.5455E+01	3.0394E+01	2.2888E+01	3.1390E+00	1.8800E+00	8.6690E+01
BCL	11	2.9906E+01	2.9326E+01	1.8492E+01	2.9241E+00	3.7200E+00	8.9200E+01
BCM	11	3.0998E+01	2.4301E+01	2.0994E+01	2.8760E+00	2.5000E+00	7.5630E+01
Espadarte	13	9.5500E+00	1.8220E+01	4.2295E+00	3.2831E+00	8.3000E-01	6.9260E+01
Marlim Sul	13	2.1716E+01	1.2125E+01	1.6735E+01	2.4681E+00	2.2100E+00	4.4330E+01
P - 18	13	3.6256E+01	1.2237E+01	3.4363E+01	1.4100E+00	1.8800E+01	5.4690E+01
P - 22	13	1.4782E+01	4.5802E+00	1.4112E+01	1.3792E+00	8.1200E+00	2.2320E+01
PNA - 02	13	6.7077E+01	1.9222E+01	6.3094E+01	1.5097E+00	2.1440E+01	8.3940E+01
SS - 06	13	7.1986E+01	1.0725E+01	7.1163E+01	1.1770E+00	4.6900E+01	9.0050E+01
Global	230	3.2245E+01	2.5690E+01	2.0734E+01	2.9890E+00	8.3000E-01	9.1550E+01

Tabela 56 - Resumo estatístico para COT (mg/kg) para plataformas e transetos com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	5.1333E-01	1.6425E-01	4.8780E-01	1.4075E+00	2.7400E-01	7.5300E-01
BCA	3	4.0567E-01	4.3547E-02	4.0409E-01	1.1144E+00	3.6100E-01	4.4800E-01
BCB	6	4.1000E-01	1.8678E-01	3.6650E-01	1.7358E+00	1.8000E-01	6.0600E-01
BCC	10	5.2030E-01	2.2033E-01	4.7676E-01	1.5711E+00	2.3700E-01	8.7300E-01
BCD	11	5.9573E-01	2.3303E-01	5.6160E-01	1.4180E+00	3.3000E-01	1.1800E+00
BCE	12	5.6268E-01	3.2045E-01	4.5617E-01	2.1542E+00	7.7100E-02	1.2100E+00
BCEF	2	6.2600E-01	6.7882E-02	6.2416E-01	1.1148E+00	5.7800E-01	6.7400E-01
BCF	11	3.6684E-01	3.2958E-01	2.4133E-01	2.6649E+00	7.4600E-02	9.5900E-01
BCFG	1	6.6300E-01	0.0000E+00	6.6300E-01	0.0000E+00	6.6300E-01	6.6300E-01
BCG	12	2.1721E-01	1.4680E-01	1.7588E-01	2.0146E+00	4.5200E-02	5.6000E-01
BCGH	4	4.7950E-01	2.0335E-01	4.3955E-01	1.6711E+00	2.1500E-01	6.6500E-01
BCH	11	3.5533E-01	2.2647E-01	2.7799E-01	2.2460E+00	6.7500E-02	8.0500E-01
BCHI	2	6.3950E-01	2.6517E-01	6.1140E-01	1.5329E+00	4.5200E-01	8.2700E-01
BCI	10	5.6539E-01	3.2863E-01	4.2327E-01	2.6403E+00	4.7900E-02	9.4000E-01
BCIJ	3	8.2267E-01	3.0011E-01	7.8108E-01	1.5060E+00	4.9300E-01	1.0800E+00
BCJ	10	5.2090E-01	3.0464E-01	4.3623E-01	1.9403E+00	1.4500E-01	1.1300E+00
BCK	10	5.6397E-01	4.1971E-01	4.2952E-01	2.2874E+00	9.5700E-02	1.3900E+00
BCL	11	4.5436E-01	2.6488E-01	3.9235E-01	1.7653E+00	1.7400E-01	1.0400E+00
BCM	11	5.1355E-01	2.2606E-01	4.6453E-01	1.6331E+00	1.9600E-01	8.5200E-01
Espadarte	13	1.1228E+00	1.2656E-01	1.1163E+00	1.1199E+00	8.9300E-01	1.3700E+00
Marlim Sul	13	5.8792E-01	2.5025E-01	5.5442E-01	1.3879E+00	3.9500E-01	1.3200E+00
P - 18	13	4.6092E-01	1.1647E-01	4.4715E-01	1.2951E+00	3.0100E-01	6.2400E-01
P - 22	13	7.1231E-02	1.9344E-02	6.9160E-02	1.2776E+00	4.8000E-02	1.2000E-01
PNA - 02	13	5.1569E-01	1.1183E-01	5.0399E-01	1.2543E+00	3.4100E-01	6.9900E-01
SS - 06	13	5.8815E-01	1.9293E-01	5.5177E-01	1.4906E+00	2.3600E-01	8.1500E-01
Global	230	5.0927E-01	3.0203E-01	4.0199E-01	2.1840E+00	4.5200E-02	1.3900E+00

Tabela 57 - Resumo estatístico para Profundidade local (mg/kg) para plataformas e transetos com os resultados do relatório do laboratório contratado pela Petrobras

Estação	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	12	3.1008E+02	1.3800E+01	3.0980E+02	1.0463E+00	2.8000E+02	3.3400E+02
BCA	3	2.5020E+03	3.0202E+02	2.4900E+03	1.1276E+00	2.2190E+03	2.8200E+03
BCB	6	2.3425E+03	4.5577E+02	2.3072E+03	1.2080E+00	1.8640E+03	3.0640E+03
BCC	10	1.4371E+03	9.8892E+02	6.9123E+02	5.9162E+00	2.4000E+01	2.5150E+03
BCD	11	1.3716E+03	9.0755E+02	7.2428E+02	5.2985E+00	2.4000E+01	2.5840E+03
BCE	12	1.1267E+03	1.0651E+03	3.9647E+02	7.0672E+00	2.4000E+01	2.8450E+03
BCEF	2	1.7645E+03	4.0517E+02	1.7411E+03	1.2607E+00	1.4780E+03	2.0510E+03
BCF	11	7.8082E+02	1.0561E+03	1.9224E+02	7.2248E+00	2.5000E+01	2.9010E+03
BCFG	1	4.7600E+02	0.0000E+00	4.7600E+02	0.0000E+00	4.7600E+02	4.7600E+02
BCG	12	9.3658E+02	1.2379E+03	1.9324E+02	8.5327E+00	2.0000E+01	3.1060E+03
BCGH	4	8.0900E+02	7.5395E+02	5.1633E+02	3.3664E+00	1.0800E+02	1.8280E+03
BCH	11	1.1355E+03	1.2266E+03	3.4391E+02	7.5452E+00	1.7000E+01	3.0280E+03
BCHI	2	6.3600E+02	3.9598E+02	5.7105E+02	1.9509E+00	3.5600E+02	9.1600E+02
BCI	10	1.1921E+03	1.2524E+03	4.1590E+02	6.3999E+00	2.6000E+01	3.0350E+03
BCIJ	3	8.8767E+02	8.2717E+02	5.5079E+02	3.9296E+00	1.2200E+01	1.7650E+03
BCJ	10	1.3679E+03	1.2379E+03	5.5440E+02	5.8133E+00	5.0000E+01	3.0180E+03
BCK	10	1.4200E+03	1.3046E+03	5.4989E+02	6.0843E+00	5.5000E+01	3.0400E+03
BCL	11	1.0471E+03	1.1987E+03	3.3119E+02	6.0824E+00	5.1000E+01	2.9500E+03
BCM	11	1.0693E+03	1.1935E+03	3.8008E+02	5.4789E+00	5.3000E+01	2.9170E+03
Espadarte	13	8.8308E+02	2.7579E+01	8.8268E+02	1.0319E+00	8.3000E+02	9.3000E+02
Marlim Sul	13	1.1872E+03	3.2690E+01	1.1867E+03	1.0277E+00	1.1300E+03	1.2650E+03
P - 18	13	9.6769E+02	3.1925E+01	9.6720E+02	1.0337E+00	9.0500E+02	1.0050E+03
P - 22	13	1.1331E+02	2.3588E+00	1.1328E+02	1.0211E+00	1.0900E+02	1.1700E+02
PNA - 02	13	1.7269E+02	2.1211E+01	1.7153E+02	1.1275E+00	1.4500E+02	2.1000E+02
SS - 06	13	1.2077E+02	1.0647E+01	1.2037E+02	1.0873E+00	1.0500E+02	1.5000E+02
Global	230	9.5485E+02	9.6119E+02	4.1645E+02	4.5528E+00	1.7000E+01	3.1060E+03

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Tabelas de resumo estatístico para os elementos: Al, Fe, Mn, Cr, Cu, Ni, Pb, V e Zn em grupos de plataformas e transetos com os resultados obtidos da PUC-Rio

Tabela 58 - Resumo estatístico para o Al (mg/kg) para plataformas e transetos com os resultados da PUC-Rio

Origem	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	7	2.0121E+04	5.9512E+03	1.9455E+04	1.3139E+00	1.5023E+04	3.1205E+04
BCA	3	3.8770E+04	1.3239E+04	3.7414E+04	1.3753E+00	3.1029E+04	5.4057E+04
BCB	5	2.8525E+04	1.6372E+04	2.4327E+04	1.9368E+00	1.0775E+04	5.0365E+04
BCC	7	3.0619E+04	8.3962E+03	2.9531E+04	1.3497E+00	1.7518E+04	4.0967E+04
BCD	10	4.3210E+04	1.1559E+04	4.1322E+04	1.4117E+00	1.7405E+04	5.7813E+04
BCE	3	2.4827E+04	3.2270E+03	2.4685E+04	1.1414E+00	2.1431E+04	2.7853E+04
BCEF	2	3.9854E+04	1.5931E+03	3.9838E+04	1.0408E+00	3.8727E+04	4.0980E+04
BCF	2	1.4749E+04	9.6520E+02	1.4733E+04	1.0677E+00	1.4066E+04	1.5431E+04
BCFG	1	4.5971E+04	0.0000E+00	4.5971E+04	0.0000E+00	4.5971E+04	4.5971E+04
BCG	3	2.7041E+04	1.3014E+04	2.5180E+04	1.5703E+00	1.7767E+04	4.1918E+04
BCH	3	2.1157E+04	3.1521E+03	2.0994E+04	1.1667E+00	1.7685E+04	2.3839E+04
BCI	2	2.7090E+04	2.6320E+04	1.9685E+04	3.2908E+00	8.4790E+03	4.5701E+04
BCJ	3	2.1882E+04	1.1354E+04	1.9579E+04	1.8379E+00	9.9800E+03	3.2594E+04
BCK	9	3.2881E+04	1.6537E+04	2.8099E+04	1.9642E+00	5.9790E+03	5.8325E+04
BCL	11	1.3460E+04	9.7053E+03	9.6723E+03	2.6389E+00	1.2060E+03	3.0191E+04
BCM	11	1.8212E+04	1.2019E+04	1.5540E+04	1.7638E+00	6.3850E+03	4.7680E+04
Espadarte	13	2.0693E+04	8.3037E+02	2.0678E+04	1.0417E+00	1.8787E+04	2.1885E+04
Marlim Sul	13	1.1471E+04	2.4917E+03	1.1244E+04	1.2270E+00	8.1230E+03	1.7666E+04
P - 18	13	8.8716E+03	1.4496E+03	8.7631E+03	1.1781E+00	6.3330E+03	1.2240E+04
P - 22	7	2.1369E+03	9.3898E+02	1.8995E+03	1.7845E+00	6.1700E+02	3.2280E+03
PNA - 02	13	1.5724E+04	6.8425E+03	1.3499E+04	1.9657E+00	2.4520E+03	2.6025E+04
SS-06	4	8.2625E+03	2.1620E+03	8.0477E+03	1.3050E+00	6.3750E+03	1.0232E+04
Global	145	2.0486E+04	1.3656E+04	1.5700E+04	2.2787E+00	6.1700E+02	5.8325E+04

Tabela 59 - Resumo estatístico para o Fe (mg/kg) para plataformas e transetos com os resultados da PUC-Rio

Origem	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	7	2.1364E+04	9.7216E+03	2.0033E+04	1.4294E+00	1.5177E+04	4.2804E+04
BCA	3	2.0704E+04	7.1711E+03	1.9960E+04	1.3814E+00	1.6461E+04	2.8984E+04
BCB	5	1.6515E+04	9.0235E+03	1.4420E+04	1.8264E+00	6.8600E+03	2.9105E+04
BCC	7	1.7619E+04	4.7834E+03	1.7061E+04	1.3171E+00	1.2252E+04	2.3919E+04
BCD	10	2.4733E+04	6.9795E+03	2.3667E+04	1.3933E+00	1.1305E+04	3.4412E+04
BCE	3	1.5149E+04	3.9904E+03	1.4819E+04	1.2888E+00	1.1998E+04	1.9636E+04
BCEF	2	2.2712E+04	5.0912E+01	2.2712E+04	1.0022E+00	2.2676E+04	2.2748E+04
BCF	2	1.3192E+04	1.4390E+03	1.3152E+04	1.1155E+00	1.2174E+04	1.4209E+04
BCFG	1	2.5529E+04	0.0000E+00	2.5529E+04	0.0000E+00	2.5529E+04	2.5529E+04
BCG	3	1.6955E+04	9.0299E+03	1.5562E+04	1.6348E+00	1.1116E+04	2.7356E+04
BCH	3	1.1483E+04	1.0433E+03	1.1453E+04	1.0931E+00	1.0706E+04	1.2669E+04
BCI	2	1.9148E+04	1.0258E+04	1.7720E+04	1.7574E+00	1.1894E+04	2.6401E+04
BCJ	3	1.2710E+04	4.2945E+03	1.2223E+04	1.4115E+00	8.6290E+03	1.7190E+04
BCK	9	2.1584E+04	8.0252E+03	2.0195E+04	1.4907E+00	9.2560E+03	3.5127E+04
BCL	11	1.2489E+04	6.0773E+03	1.1251E+04	1.6178E+00	5.1400E+03	2.6052E+04
BCM	11	1.7951E+04	5.7101E+03	1.7217E+04	1.3452E+00	1.1217E+04	2.9157E+04
Espadarte	13	2.9179E+04	9.3135E+02	2.9165E+04	1.0322E+00	2.7738E+04	3.1289E+04
Marlim Sul	13	2.0884E+04	2.7321E+03	2.0725E+04	1.1363E+00	1.7772E+04	2.5419E+04
P - 18	13	1.7910E+04	2.9138E+03	1.7725E+04	1.1558E+00	1.3795E+04	2.6707E+04
P - 22	7	4.7237E+03	2.5857E+03	3.4930E+03	3.0270E+00	3.0700E+02	9.0210E+03
PNA - 02	13	1.6966E+04	7.7064E+03	1.5372E+04	1.6116E+00	5.4740E+03	3.5382E+04
SS-06	4	1.2290E+04	3.0897E+03	1.1997E+04	1.2895E+00	9.5990E+03	1.5455E+04
Global	145	1.8517E+04	7.7208E+03	1.6463E+04	1.7768E+00	3.0700E+02	4.2804E+04

Tabela 60 - Resumo estatístico para o Mn (mg/kg) para plataformas e transetes com os resultados da PUC-Rio

Origem	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	7	2.2904E+02	1.1323E+02	2.1207E+02	1.4816E+00	1.4620E+02	4.7623E+02
BCA	3	4.0567E+02	1.0694E+02	3.9703E+02	1.2827E+00	3.3892E+02	5.2901E+02
BCB	5	3.3754E+02	1.4067E+02	3.1333E+02	1.5513E+00	1.8463E+02	5.2813E+02
BCC	7	3.1877E+02	8.2276E+01	3.0514E+02	1.4263E+00	1.3800E+02	3.7078E+02
BCD	10	4.4201E+02	1.8724E+02	3.9654E+02	1.7247E+00	1.0700E+02	7.2300E+02
BCE	3	3.2063E+02	1.0130E+01	3.2052E+02	1.0322E+00	3.0988E+02	3.3000E+02
BCEF	2	3.7600E+02	2.8284E+00	3.7599E+02	1.0076E+00	3.7400E+02	3.7800E+02
BCF	2	2.2385E+02	2.8065E+01	2.2296E+02	1.1340E+00	2.0400E+02	2.4369E+02
BCFG	1	5.0200E+02	0.0000E+00	5.0200E+02	0.0000E+00	5.0200E+02	5.0200E+02
BCG	3	3.6261E+02	9.8404E+01	3.5407E+02	1.3036E+00	2.7889E+02	4.7100E+02
BCH	3	2.9771E+02	5.8429E+01	2.9371E+02	1.2263E+00	2.3500E+02	3.5062E+02
BCI	2	3.9178E+02	1.0448E+02	3.8475E+02	1.3099E+00	3.1790E+02	4.6566E+02
BCJ	3	3.0256E+02	1.6670E+02	2.6003E+02	2.0925E+00	1.1100E+02	4.1476E+02
BCK	9	4.7322E+02	3.7294E+02	3.8988E+02	1.8741E+00	1.3800E+02	1.4250E+03
BCL	11	2.2918E+02	1.4577E+02	1.8497E+02	2.0436E+00	6.1000E+01	4.5900E+02
BCM	11	2.8164E+02	2.4046E+02	2.0910E+02	2.2084E+00	7.1000E+01	8.0500E+02
Espadarte	13	5.3875E+02	6.1567E+01	5.3542E+02	1.1241E+00	4.1395E+02	6.6416E+02
Marlim Sul	13	3.5185E+02	7.1681E+01	3.4639E+02	1.1919E+00	2.8604E+02	5.6575E+02
P - 18	13	2.8635E+02	4.2054E+01	2.8365E+02	1.1528E+00	2.2490E+02	3.9069E+02
P - 22	7	8.6394E+01	4.7629E+01	7.7153E+01	1.6607E+00	3.4000E+01	1.8541E+02
PNA - 02	13	1.9333E+02	4.5102E+01	1.8897E+02	1.2435E+00	1.3248E+02	3.0298E+02
SS-06	4	1.5552E+02	2.9990E+01	1.5345E+02	1.2057E+00	1.2762E+02	1.9589E+02
Global	145	3.2009E+02	1.8017E+02	2.7268E+02	1.8274E+00	3.4000E+01	1.4250E+03

Tabela 61 - Resumo estatístico para o Cr (mg/kg) para plataformas e transetes com os resultados da PUC-Rio

Origem	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	7	2.7171E+01	6.4973E+00	2.6573E+01	1.2493E+00	2.1240E+01	3.9050E+01
BCA	3	3.1977E+01	7.3800E+00	3.1410E+01	1.2611E+00	2.4930E+01	3.9650E+01
BCB	5	2.4772E+01	1.4756E+01	2.0672E+01	2.0367E+00	9.1100E+00	4.3350E+01
BCC	7	2.5460E+01	5.1218E+00	2.5017E+01	1.2253E+00	1.8690E+01	3.3340E+01
BCD	10	3.7558E+01	8.7288E+00	3.6600E+01	1.2762E+00	2.4990E+01	5.1730E+01
BCE	3	2.3137E+01	6.7988E+00	2.2499E+01	1.3328E+00	1.7340E+01	3.0620E+01
BCEF	2	3.3835E+01	1.3506E+00	3.3822E+01	1.0407E+00	3.2880E+01	3.4790E+01
BCF	2	1.5960E+01	3.4224E+00	1.5775E+01	1.2412E+00	1.3540E+01	1.8380E+01
BCFG	1	3.9510E+01	0.0000E+00	3.9510E+01	0.0000E+00	3.9510E+01	3.9510E+01
BCG	3	2.6567E+01	1.7013E+01	2.3429E+01	1.8150E+00	1.4990E+01	4.6100E+01
BCH	3	1.8523E+01	4.8520E+00	1.8102E+01	1.3008E+00	1.3960E+01	2.3620E+01
BCI	2	2.7910E+01	1.3916E+01	2.6118E+01	1.6836E+00	1.8070E+01	3.7750E+01
BCJ	3	1.8630E+01	4.7563E+00	1.8237E+01	1.2859E+00	1.4440E+01	2.3800E+01
BCK	9	3.0722E+01	1.0848E+01	2.9244E+01	1.3844E+00	1.8140E+01	5.3710E+01
BCL	11	2.0042E+01	8.9370E+00	1.8511E+01	1.5089E+00	9.4700E+00	4.2340E+01
BCM	11	2.6286E+01	7.7555E+00	2.5352E+01	1.3191E+00	1.6650E+01	4.1800E+01
Espadarte	13	4.1434E+01	1.0450E+00	4.1422E+01	1.0251E+00	4.0170E+01	4.4090E+01
Marlim Sul	13	2.7897E+01	3.5157E+00	2.7708E+01	1.1266E+00	2.3240E+01	3.6380E+01
P - 18	13	2.4358E+01	4.4188E+00	2.4037E+01	1.1792E+00	1.8390E+01	3.7140E+01
P - 22	7	6.8971E+00	1.2940E+00	6.8058E+00	1.1866E+00	5.9000E+00	9.5800E+00
PNA - 02	13	2.6436E+01	8.7449E+00	2.4991E+01	1.4380E+00	1.0960E+01	4.3880E+01
SS-06	4	2.2380E+01	5.1547E+00	2.1930E+01	1.2633E+00	1.7330E+01	2.7480E+01
Global	145	2.6930E+01	1.0334E+01	2.4623E+01	1.5817E+00	5.9000E+00	5.3710E+01

Tabela 62 - Resumo estatístico para o Cu (mg/kg) para plataformas e transetos com os resultados da PUC-Rio

Origem	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	7	9.1814E+00	1.0813E+01	6.5225E+00	2.1442E+00	3.9800E+00	3.3510E+01
BCA	3	2.1503E+01	1.8837E+00	2.1450E+01	1.0896E+00	2.0180E+01	2.3660E+01
BCB	5	1.7666E+01	3.7609E+00	1.7379E+01	1.2181E+00	1.4140E+01	2.4030E+01
BCC	7	1.8127E+01	6.4270E+00	1.6397E+01	1.7638E+00	4.6800E+00	2.3150E+01
BCD	10	1.5355E+01	4.6573E+00	1.4394E+01	1.5360E+00	4.7300E+00	2.1130E+01
BCE	3	1.6183E+01	6.3781E+00	1.5155E+01	1.5981E+00	8.8200E+00	1.9990E+01
BCEF	2	1.6725E+01	2.3335E-01	1.6724E+01	1.0141E+00	1.6560E+01	1.6890E+01
BCF	2	9.3750E+00	5.3387E+00	8.5814E+00	1.8287E+00	5.6000E+00	1.3150E+01
BCFG	1	1.8240E+01	0.0000E+00	1.8240E+01	0.0000E+00	1.8240E+01	1.8240E+01
BCG	3	1.6100E+01	4.3235E+00	1.5708E+01	1.3145E+00	1.1880E+01	2.0520E+01
BCH	3	1.8537E+01	2.4623E+00	1.8429E+01	1.1410E+00	1.6260E+01	2.1150E+01
BCI	2	1.8375E+01	4.2214E+00	1.8131E+01	1.2609E+00	1.5390E+01	2.1360E+01
BCJ	3	1.6560E+01	1.0794E+01	1.2941E+01	2.6501E+00	4.2100E+00	2.4190E+01
BCK	9	1.8651E+01	9.4860E+00	1.3548E+01	3.2329E+00	7.0000E-01	3.1730E+01
BCL	11	1.0285E+01	9.3703E+00	5.7006E+00	3.6057E+00	7.5000E-01	2.7160E+01
BCM	11	1.0737E+01	1.0121E+01	6.9847E+00	2.6664E+00	1.6000E+00	2.9820E+01
Espadarte	13	1.7562E+01	7.8799E+00	1.6393E+01	1.4300E+00	1.3040E+01	3.7580E+01
Marlim Sul	13	1.1129E+01	1.5417E+00	1.1043E+01	1.1344E+00	9.7200E+00	1.5450E+01
P - 18	13	1.0133E+01	5.1192E+00	9.3959E+00	1.4461E+00	5.0200E+00	2.6400E+01
P - 22	7	9.8714E-01	2.9353E-01	9.5917E-01	1.2728E+00	8.3000E-01	1.6500E+00
PNA - 02	13	7.0554E+00	3.5832E+00	6.4690E+00	1.4982E+00	3.5500E+00	1.6840E+01
SS-06	4	7.1925E+00	1.9122E+00	6.9882E+00	1.3279E+00	4.7700E+00	9.4000E+00
Global	145	1.2677E+01	7.8737E+00	9.5215E+00	2.4445E+00	7.0000E-01	3.7580E+01

Tabela 63 - Resumo estatístico para o Ni (mg/kg) para plataformas e transetos com os resultados da PUC-Rio

Origem	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	7	9.8043E+00	2.9151E+00	9.4615E+00	1.3275E+00	7.3300E+00	1.4290E+01
BCA	3	1.5557E+01	3.2732E+00	1.5326E+01	1.2364E+00	1.2370E+01	1.8910E+01
BCB	5	1.1894E+01	5.8688E+00	1.0706E+01	1.6876E+00	6.0500E+00	2.0160E+01
BCC	7	1.1879E+01	2.2156E+00	1.1687E+01	1.2202E+00	8.1700E+00	1.4810E+01
BCD	10	1.7021E+01	4.1838E+00	1.6523E+01	1.3004E+00	1.0420E+01	2.1920E+01
BCE	3	1.1200E+01	2.4819E+00	1.1023E+01	1.2421E+00	9.0800E+00	1.3930E+01
BCEF	2	1.9440E+01	6.1943E+00	1.8940E+01	1.3829E+00	1.5060E+01	2.3820E+01
BCF	2	7.4200E+00	2.4042E-01	7.4181E+00	1.0329E+00	7.2500E+00	7.5900E+00
BCFG	1	1.8870E+01	0.0000E+00	1.8870E+01	0.0000E+00	1.8870E+01	1.8870E+01
BCG	3	1.1980E+01	5.1707E+00	1.1304E+01	1.5058E+00	8.1000E+00	1.7850E+01
BCH	3	1.0463E+01	7.9349E-01	1.0444E+01	1.0777E+00	9.8200E+00	1.1350E+01
BCI	2	1.3350E+01	5.1336E+00	1.2847E+01	1.4836E+00	9.7200E+00	1.6980E+01
BCJ	3	9.2633E+00	3.9258E+00	8.6139E+00	1.6307E+00	4.9700E+00	1.2670E+01
BCK	9	1.4169E+01	6.1774E+00	1.2870E+01	1.6285E+00	5.1200E+00	2.4230E+01
BCL	11	8.5700E+00	7.7418E+00	6.2875E+00	2.2608E+00	2.0500E+00	2.8900E+01
BCM	11	1.0271E+01	5.4809E+00	9.1154E+00	1.6627E+00	3.7700E+00	2.1570E+01
Espadarte	13	2.0501E+01	5.9845E-01	2.0493E+01	1.0292E+00	1.9700E+01	2.2040E+01
Marlim Sul	13	1.2669E+01	2.2615E+00	1.2509E+01	1.1739E+00	1.0450E+01	1.9020E+01
P - 18	13	1.0879E+01	2.8578E+00	1.0614E+01	1.2444E+00	7.5800E+00	1.9660E+01
P - 22	7	1.6671E+00	3.7335E-01	1.6325E+00	1.2468E+00	1.1900E+00	2.3000E+00
PNA - 02	13	9.7423E+00	2.9079E+00	9.3082E+00	1.3852E+00	4.3700E+00	1.4770E+01
SS-06	4	9.3300E+00	1.8507E+00	9.1903E+00	1.2233E+00	7.4000E+00	1.1130E+01
Global	145	1.1994E+01	5.6571E+00	1.0330E+01	1.8630E+00	1.1900E+00	2.8900E+01

Tabela 64 - Resumo estatístico para o Pb (mg/kg) para plataformas e transetes com os resultados da PUC-Rio

Origem	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	7	5.4586E+00	1.9053E+00	5.2237E+00	1.3602E+00	3.8500E+00	9.3300E+00
BCA	3	6.1067E+00	1.6138E+00	5.9544E+00	1.3242E+00	4.3700E+00	7.5600E+00
BCB	5	5.6860E+00	4.5296E+00	4.4595E+00	2.1688E+00	1.8700E+00	1.3030E+01
BCC	7	7.5786E+00	3.2474E+00	6.9317E+00	1.6041E+00	3.4100E+00	1.2380E+01
BCD	10	1.3835E+01	4.6773E+00	1.2409E+01	1.8271E+00	2.4000E+00	1.8210E+01
BCE	3	1.0070E+01	7.4315E+00	6.8306E+00	3.5989E+00	1.5600E+00	1.5280E+01
BCEF	2	1.5400E+01	1.9799E-01	1.5399E+01	1.0129E+00	1.5260E+01	1.5540E+01
BCF	2	8.4550E+00	9.0156E+00	5.5540E+00	4.0107E+00	2.0800E+00	1.4830E+01
BCFG	1	7.9300E+00	0.0000E+00	7.9300E+00	0.0000E+00	7.9300E+00	7.9300E+00
BCG	3	1.2530E+01	9.2190E-01	1.2508E+01	1.0759E+00	1.1680E+01	1.3510E+01
BCH	3	5.5833E+00	6.5669E+00	3.0651E+00	4.1748E+00	7.5000E-01	1.3060E+01
BCI	2	7.1750E+00	6.1872E+00	5.6868E+00	2.7238E+00	2.8000E+00	1.1550E+01
BCJ	3	9.0067E+00	6.7793E+00	5.8317E+00	3.9619E+00	1.1900E+00	1.3280E+01
BCK	9	5.4922E+00	2.5362E+00	5.0207E+00	1.5716E+00	2.2100E+00	1.1070E+01
BCL	11	3.4636E+00	1.5862E+00	3.1557E+00	1.5741E+00	1.6800E+00	6.7700E+00
BCM	11	5.2318E+00	1.8680E+00	4.9588E+00	1.4064E+00	2.6100E+00	9.4500E+00
Espadarte	13	8.6800E+00	5.0598E-01	8.6662E+00	1.0606E+00	7.8300E+00	9.3300E+00
Marlim Sul	13	6.5923E+00	9.0276E-01	6.5357E+00	1.1464E+00	5.3400E+00	8.2300E+00
P - 18	13	7.1100E+00	2.5458E+00	6.7055E+00	1.4307E+00	3.5400E+00	1.2610E+01
P - 22	7	1.3043E+00	4.9044E-01	1.1843E+00	1.7180E+00	3.7000E-01	1.9800E+00
PNA - 02	13	6.5023E+00	4.0321E+00	5.5722E+00	1.7667E+00	2.0100E+00	1.5720E+01
SS-06	4	5.1950E+00	2.4095E+00	4.8558E+00	1.4982E+00	3.5400E+00	8.7700E+00
Global	145	6.9546E+00	4.1259E+00	5.6622E+00	2.0177E+00	3.7000E-01	1.8210E+01

Tabela 65 - Resumo estatístico para o V (mg/kg) para plataformas e transetes com os resultados da PUC-Rio

Origem	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	7	2.6754E+01	4.2965E+00	2.6471E+01	1.1690E+00	2.2640E+01	3.2840E+01
BCA	3	3.8727E+01	1.2152E+01	3.7574E+01	1.3419E+00	3.1280E+01	5.2750E+01
BCB	5	3.0700E+01	1.3244E+01	2.8184E+01	1.6131E+00	1.5310E+01	4.7120E+01
BCC	7	3.2301E+01	7.7859E+00	3.1460E+01	1.2867E+00	2.1350E+01	4.1690E+01
BCD	10	4.2152E+01	9.4285E+00	4.0892E+01	1.3244E+00	2.0070E+01	5.1570E+01
BCE	3	2.9700E+01	7.2075E+00	2.9140E+01	1.2676E+00	2.3570E+01	3.7640E+01
BCEF	2	4.0955E+01	1.2092E+00	4.0946E+01	1.0300E+00	4.0100E+01	4.1810E+01
BCF	2	2.5200E+01	3.6062E+00	2.5071E+01	1.1544E+00	2.2650E+01	2.7750E+01
BCFG	1	4.6410E+01	0.0000E+00	4.6410E+01	0.0000E+00	4.6410E+01	4.6410E+01
BCG	3	2.9983E+01	1.1764E+01	2.8605E+01	1.4427E+00	2.2060E+01	4.3500E+01
BCH	3	2.4957E+01	8.7077E-01	2.4946E+01	1.0359E+00	2.3960E+01	2.5570E+01
BCI	2	3.4415E+01	1.3244E+01	3.3116E+01	1.4841E+00	2.5050E+01	4.3780E+01
BCJ	3	2.5340E+01	7.6203E+00	2.4549E+01	1.3665E+00	1.7680E+01	3.2920E+01
BCK	9	3.7800E+01	1.0111E+01	3.6422E+01	1.3540E+00	1.8690E+01	5.2400E+01
BCL	11	2.2389E+01	1.1993E+01	1.9912E+01	1.6485E+00	9.2100E+00	5.0200E+01
BCM	11	2.8133E+01	1.2075E+01	2.5871E+01	1.5398E+00	1.2760E+01	4.6980E+01
Espadarte	13	4.8062E+01	1.1278E+00	4.8050E+01	1.0237E+00	4.5940E+01	5.0190E+01
Marlim Sul	13	4.0775E+01	6.2486E+00	4.0361E+01	1.1577E+00	3.2740E+01	5.3030E+01
P - 18	13	3.4275E+01	2.5523E+00	3.4184E+01	1.0800E+00	2.9020E+01	3.7420E+01
P - 22	7	1.0750E+01	3.4266E+00	1.0378E+01	1.3129E+00	7.7000E+00	1.8120E+01
PNA - 02	13	3.3155E+01	1.6327E+01	3.0121E+01	1.5632E+00	1.3340E+01	7.6150E+01
SS-06	4	2.3125E+01	5.2118E+00	2.2680E+01	1.2566E+00	1.8380E+01	2.7730E+01
Global	145	3.2946E+01	1.2362E+01	3.0253E+01	1.5583E+00	7.7000E+00	7.6150E+01

Tabela 66 - Resumo estatístico para o Zn (mg/kg) para plataformas e transetos com os resultados da PUC-Rio

Origem	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
Albacora	7	2.8424E+01	4.7748E+00	2.8078E+01	1.1854E+00	2.2390E+01	3.6150E+01
BCA	3	3.4443E+01	7.4228E+00	3.3941E+01	1.2299E+00	2.8960E+01	4.2890E+01
BCB	5	2.8640E+01	1.2034E+01	2.6679E+01	1.5259E+00	1.6260E+01	4.6500E+01
BCC	7	2.7806E+01	9.0990E+00	2.6219E+01	1.4883E+00	1.1790E+01	3.9840E+01
BCD	10	3.8073E+01	1.0849E+01	3.6192E+01	1.4447E+00	1.4440E+01	5.1500E+01
BCE	3	2.8543E+01	8.3516E+00	2.7725E+01	1.3455E+00	2.0560E+01	3.7220E+01
BCEF	2	3.7650E+01	8.3439E-01	3.7645E+01	1.0224E+00	3.7060E+01	3.8240E+01
BCF	2	2.8915E+01	6.5761E-01	2.8911E+01	1.0230E+00	2.8450E+01	2.9380E+01
BCFG	1	6.4990E+01	0.0000E+00	6.4990E+01	0.0000E+00	6.4990E+01	6.4990E+01
BCG	3	2.9167E+01	1.3222E+01	2.7411E+01	1.5203E+00	2.0980E+01	4.4420E+01
BCH	3	2.3143E+01	1.1086E+00	2.3126E+01	1.0485E+00	2.2350E+01	2.4410E+01
BCI	2	3.7635E+01	7.0004E-01	3.7632E+01	1.0188E+00	3.7140E+01	3.8130E+01
BCJ	3	2.6403E+01	2.9945E+00	2.6287E+01	1.1233E+00	2.3100E+01	2.8940E+01
BCK	9	3.6687E+01	1.4914E+01	3.3656E+01	1.5895E+00	1.5200E+01	6.1220E+01
BCL	11	2.2993E+01	1.4846E+01	1.8841E+01	1.9714E+00	6.5000E+00	5.4390E+01
BCM	11	2.8558E+01	1.2310E+01	2.6574E+01	1.4686E+00	1.5360E+01	5.5450E+01
Espadarte	13	4.9812E+01	4.7663E+00	4.9613E+01	1.0960E+00	4.4070E+01	6.1320E+01
Marlim Sul	12	4.0115E+01	4.5504E+00	3.9877E+01	1.1211E+00	3.4010E+01	4.6510E+01
P - 18	13	3.7025E+01	7.2158E+00	3.6431E+01	1.2014E+00	2.8530E+01	5.2150E+01
P - 22	7	9.3114E+00	2.1212E+00	9.0956E+00	1.2676E+00	6.4400E+00	1.2040E+01
PNA - 02	13	2.6644E+01	1.1490E+01	2.4319E+01	1.5867E+00	8.3800E+00	4.5770E+01
SS-06	4	2.7497E+01	8.4813E+00	2.6264E+01	1.4505E+00	1.5170E+01	3.4120E+01
Global	144	3.2257E+01	1.2991E+01	2.9102E+01	1.6410E+00	6.4400E+00	6.4990E+01

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Tabelas de resumo estatístico para os elementos: Al, Fe, Mn, Cr, Cu, Ni, Pb, V e Zn em grupos com os resultados obtidos da PUC-Rio

Tabela 67 - Resumo estatístico para o Al (mg/kg) em agrupamento com os resultados obtidos pela PUC-Rio

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	14	1.1670E+04	8.4082E+03	8.8875E+03	2.3160E+00	1.2060E+03	3.3243E+04
2	25	1.0504E+04	7.4290E+03	7.1757E+03	2.7895E+00	6.1700E+02	2.6025E+04
3	11	2.5144E+04	1.4731E+04	2.1911E+04	1.7194E+00	8.5010E+03	5.7813E+04
4	27	1.7874E+04	1.1134E+04	1.5436E+04	1.7100E+00	6.3330E+03	5.8325E+04
5	32	2.5381E+04	1.6746E+04	2.0199E+04	2.0108E+00	6.9900E+03	5.6826E+04
6	36	2.7032E+04	1.0972E+04	2.4671E+04	1.5753E+00	8.4790E+03	5.4057E+04
Global	145	2.0486E+04	1.3656E+04	1.5700E+04	2.2787E+00	6.1700E+02	5.8325E+04

Tabela 68 - Resumo estatístico para o Fe (mg/kg) em agrupamento com os resultados obtidos pela PUC-Rio

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	14	1.3024E+04	6.2738E+03	1.1824E+04	1.5727E+00	5.1400E+03	2.9944E+04
2	25	1.1579E+04	5.8552E+03	9.2621E+03	2.4135E+00	3.0700E+02	2.1544E+04
3	11	2.4424E+04	9.2415E+03	2.3010E+04	1.4260E+00	1.5177E+04	4.2804E+04
4	27	2.4347E+04	6.2844E+03	2.3508E+04	1.3176E+00	1.4209E+04	3.5127E+04
5	32	2.1641E+04	5.8503E+03	2.0736E+04	1.3695E+00	7.9640E+03	3.0467E+04
6	36	1.6517E+04	5.1379E+03	1.5717E+04	1.3866E+00	6.8600E+03	2.8984E+04
Global	145	1.8517E+04	7.7208E+03	1.6463E+04	1.7768E+00	3.0700E+02	4.2804E+04

Tabela 69- Resumo estatístico para o Mn (mg/kg) em agrupamento com os resultados obtidos pela PUC-Rio

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	14	1.4114E+02	8.5015E+01	1.2512E+02	1.6126E+00	6.1000E+01	3.9500E+02
2	25	1.5381E+02	6.1267E+01	1.3964E+02	1.6312E+00	3.4000E+01	3.2000E+02
3	11	2.7083E+02	1.2113E+02	2.4968E+02	1.5110E+00	1.4620E+02	5.0200E+02
4	27	4.1737E+02	1.3772E+02	3.9394E+02	1.4266E+00	2.0400E+02	6.6416E+02
5	32	4.3594E+02	2.3561E+02	3.9215E+02	1.5809E+00	9.6000E+01	1.4250E+03
6	36	3.4428E+02	8.5774E+01	3.3163E+02	1.3471E+00	1.1100E+02	5.2901E+02
Global	145	3.2009E+02	1.8017E+02	2.7268E+02	1.8274E+00	3.4000E+01	1.4250E+03

Tabela 70 - Resumo estatístico para o Cr (mg/kg) em agrupamento com os resultados obtidos pela PUC-Rio

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	14	1.9591E+01	5.3752E+00	1.8801E+01	1.3654E+00	9.4700E+00	2.7820E+01
2	25	1.8905E+01	9.0234E+00	1.6276E+01	1.8324E+00	5.9000E+00	3.4370E+01
3	11	3.2885E+01	1.0071E+01	3.1525E+01	1.3561E+00	2.1240E+01	5.1730E+01
4	27	3.4475E+01	1.0017E+01	3.2955E+01	1.3691E+00	1.8380E+01	5.3710E+01
5	32	3.1002E+01	8.4558E+00	2.9842E+01	1.3313E+00	1.4630E+01	4.5110E+01
6	36	2.4258E+01	7.8028E+00	2.2897E+01	1.4332E+00	9.1100E+00	3.9650E+01
Global	145	2.6930E+01	1.0334E+01	2.4623E+01	1.5817E+00	5.9000E+00	5.3710E+01

Tabela 71 - Resumo estatístico para o Cu (mg/kg) em agrupamento com os resultados obtidos pela PUC-Rio

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	14	4.8493E+00	6.2732E+00	2.9992E+00	2.6374E+00	7.0000E-01	2.5260E+01
2	25	5.6548E+00	4.3962E+00	3.9148E+00	2.6507E+00	8.3000E-01	1.6840E+01
3	11	9.4945E+00	9.0281E+00	7.2549E+00	2.0026E+00	3.9800E+00	3.3510E+01
4	27	1.3962E+01	7.3866E+00	1.2542E+01	1.5782E+00	5.0200E+00	3.7580E+01
5	32	1.4654E+01	5.8056E+00	1.3631E+01	1.4777E+00	4.7700E+00	3.1730E+01
6	36	1.8847E+01	5.1584E+00	1.7770E+01	1.4930E+00	4.2100E+00	2.7160E+01
Global	145	1.2677E+01	7.8737E+00	9.5215E+00	2.4445E+00	7.0000E-01	3.7580E+01

Tabela 72 - Resumo estatístico para o Ni (mg/kg) em agrupamento com os resultados obtidos pela PUC-Rio

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	14	6.0521E+00	3.1892E+00	5.2931E+00	1.7351E+00	2.0500E+00	1.3230E+01
2	25	6.8780E+00	3.7057E+00	5.4351E+00	2.2261E+00	1.1900E+00	1.1810E+01
3	11	1.2474E+01	4.6814E+00	1.1689E+01	1.4629E+00	7.3300E+00	2.0800E+01
4	27	1.6231E+01	5.4306E+00	1.5228E+01	1.4613E+00	7.2500E+00	2.4230E+01
5	32	1.5091E+01	5.3211E+00	1.4224E+01	1.4211E+00	5.7900E+00	2.8900E+01
6	36	1.1782E+01	3.1105E+00	1.1336E+01	1.3416E+00	4.9700E+00	1.8910E+01
Global	145	1.1994E+01	5.6571E+00	1.0330E+01	1.8630E+00	1.1900E+00	2.8900E+01

Tabela 73 - Resumo estatístico para o Pb (mg/kg) em agrupamento com os resultados obtidos pela PUC-Rio

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	14	3.6171E+00	1.4082E+00	3.3580E+00	1.5034E+00	1.6800E+00	6.2700E+00
2	25	4.4836E+00	3.6437E+00	3.3425E+00	2.2878E+00	3.7000E-01	1.5720E+01
3	11	6.5191E+00	2.1750E+00	6.1875E+00	1.4076E+00	3.8500E+00	1.0070E+01
4	27	8.7126E+00	2.3844E+00	8.3880E+00	1.3354E+00	3.5400E+00	1.4830E+01
5	32	8.9447E+00	4.4797E+00	7.8884E+00	1.6940E+00	1.7900E+00	1.8210E+01
6	36	7.0139E+00	4.6863E+00	5.4002E+00	2.2008E+00	7.5000E-01	1.5280E+01
Global	145	6.9546E+00	4.1259E+00	5.6622E+00	2.0177E+00	3.7000E-01	1.8210E+01

Tabela 74 - Resumo estatístico para o V (mg/kg) em agrupamento com os resultados obtidos pela PUC-Rio

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	14	2.0004E+01	1.0141E+01	1.8259E+01	1.5223E+00	9.2100E+00	4.7750E+01
2	25	2.1883E+01	9.5620E+00	1.9697E+01	1.6328E+00	7.7000E+00	4.2280E+01
3	11	3.7351E+01	1.6831E+01	3.4487E+01	1.4999E+00	2.2640E+01	7.6150E+01
4	27	4.1878E+01	7.4223E+00	4.1209E+01	1.2044E+00	2.7750E+01	5.2400E+01
5	32	3.9698E+01	8.7409E+00	3.8549E+01	1.3014E+00	1.4860E+01	5.3030E+01
6	36	3.1617E+01	8.5301E+00	3.0471E+01	1.3238E+00	1.5310E+01	5.2750E+01
Global	145	3.2946E+01	1.2362E+01	3.0253E+01	1.5583E+00	7.7000E+00	7.6150E+01

Tabela 75 - Resumo estatístico para o Zn (mg/kg) em agrupamento com os resultados obtidos pela PUC-Rio

Grupo	N	Média	Desvio	M.Geom.	Desvio	Mínimo	Máximo
1	14	1.6926E+01	7.2645E+00	1.5505E+01	1.5590E+00	6.5000E+00	3.3350E+01
2	25	2.0751E+01	1.0932E+01	1.8001E+01	1.7545E+00	6.4400E+00	4.5770E+01
3	11	3.4556E+01	1.2510E+01	3.2869E+01	1.3763E+00	2.2390E+01	6.4990E+01
4	27	4.4427E+01	9.1325E+00	4.3484E+01	1.2390E+00	2.9380E+01	6.1320E+01
5	31	3.9709E+01	9.4744E+00	3.8339E+01	1.3378E+00	1.2880E+01	5.5450E+01
6	36	2.9964E+01	6.7328E+00	2.9183E+01	1.2688E+00	1.6260E+01	4.2890E+01
Global	144	3.2257E+01	1.2991E+01	2.9102E+01	1.6410E+00	6.4400E+00	6.4990E+01