ANNEX VIII: APPENDIX B

ACID BASE ACCOUNTING RESULTS

Tables

Table B-1 Acid Base Accounting of Solid Samples 1

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Overburden																		
Koala Black Clay																		
KBC-405-1	—	—	—	Black Clay	27-May-02	7.7	0.40	13	0.10	0.22	6.9	—	—	—	—	6.3	143	—
KBC-405-2	—	—	—	Black Clay	27-May-02	7.8	0.36	11	0.10	0.17	5.3	—	—	—	—	7.7	175	—
KBC-405-3	—	—	—	Black Clay	27-May-02	7.7	0.45	14	0.11	0.23	7.2	—	—	—	—	6.7	152	—
KBC-405-4	—	—	—	Black Clay	27-May-02	7.7	0.38	12	0.08	0.19	5.9	—	—	—	—	7.7	175	—
KBC-405-5	—	—	—	Black Clay	27-May-02	7.7	0.32	10	0.07	0.16	5.0	—	—	—	—	5.0	114	—
KBC-405-6	—	—	—	Black Clay	27-May-02	7.7	0.34	11	0.07	0.16	5.0	—	—	—	—	6.1	139	—
KBC-405-7	—	—	—	Black Clay	27-May-02	7.8	0.44	14	0.12	0.19	5.9	—	—	—	—	6.7	152	—
KBC-405-8	—	—	—	Black Clay	27-May-02	7.9	0.39	12	0.11	0.17	5.3	—	—	—	—	6.8	155	—
KBC-405-46-1A	—	—	—	Black Clay	24-Sep-02	7.4	0.39	12	0.09	0.21	6.6	—	—	—	—	6.5	148	—
KBC-408	—	—	—	Black Clay	24-Sep-02	7.2	0.93	29	0.11	0.67	21	—	—	—	—	3.2	73	—
KBC-DUMP-1A	—	—	—	Black Clay	24-Sep-02	7.7	0.32	10	0.03	0.21	6.6	—	—	—	—	5.9	134	—
KBC-DUMP-2A	—	—	—	Black Clay	24-Sep-02	7.5	0.39	12	0.03	0.21	6.6	—	—	—	—	3.9	89	—
KBC-DUMP-3A	—	—	—	Black Clay	24-Sep-02	7.4	0.44	14	0.02	0.28	8.8	—	—	—	—	3.0	68	—
KBC-DUMP-4A	—	—	—	Black Clay	24-Sep-02	7.8	0.33	10	0.005	0.15	4.7	—	—	—	—	6.0	136	—
KBC-DUMP-5A	—	—	—	Black Clay	24-Sep-02	7.2	0.35	11	0.09	0.18	5.6	—	—	—	—	5.1	116	—
KBC-DUMP-6A	—	—	—	Black Clay	24-Sep-02	7.3	0.34	11	0.08	0.18	5.6	—	—	—	—	5.8	132	—
KBC-DUMP-7A	—	—	—	Black Clay	24-Sep-02	7.3	0.31	9.7	0.05	0.17	5.3	—	—	—	—	3.8	86	—
KBC-DUMP-8A	—	—	—	Black Clay	24-Sep-02	7.4	0.40	13	0.05	0.23	7.2	—	—	—	—	3.3	75	—
KBC-DUMP-9A	—	—	—	Black Clay	24-Sep-02	7.3	0.36	11	0.04	0.21	6.6	—	—	—	—	4.0	91	—
KBC-DUMP-10A	—	—	—	Black Clay	24-Sep-02	7.4	0.34	11	0.02	0.21	6.6	—	—	—	—	6.5	148	—
Median						7.6	0.37	12	0.075	0.20	6.3	—	—	—	—	6.0	135	—
Minimum						7.2	0.31	9.7	0.005	0.15	4.7	—	—	—	—	3.0	68	—
Maximum						7.9	0.93	29	0.12	0.67	21	—	—	—	—	7.7	175	—
Count						20	20	20	20	20	20	0	0	0	0	20	20	—
Koala Till																		
KT-420-47 1A	—	—	—	Till	3-Apr-02	8.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KT-420-47 2A	—	—	—	Till	3-Apr-02	8.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
Median						8.6	0.008	0.23	—	—	—	—	—	—	—	—	—	—
Minimum						8.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
Maximum						8.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
Count						2	2	2	0	0	0	0	0	0	0	0	0	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Diabase																		
Beartooth																		
60	96-35	36.98	37.43	Diabase	2000	9.6	0.005	0.16	0.005	0.005	0.16	9.4	9.2	60	—	—	—	—
61	96-35	42.02	42.63	Diabase	2000	9.7	0.005	0.16	0.005	0.005	0.16	8.6	8.4	55	0.005	—	0.42	—
Median						9.6	0.005	0.16	0.005	0.005	0.16	9.0	8.8	58	0.005	—	0.42	—
Minimum						9.6	0.005	0.16	0.005	0.005	0.16	8.6	8.4	55	0.005	—	0.42	—
Maximum						9.7	0.005	0.16	0.005	0.005	0.16	9.4	9.2	60	0.005	—	0.42	—
Count						2	2	2	2	2	2	2	2	2	1	0	1	—
Fox																		
FUC 3-3 - 65	FUC 3-3	65	65.3	Diabase	Pre-1998	8.7	1.33	42	0.04	1.29	40	—	—	—	—	—	—	—
FUC 3-3 - 66	FUC 3-3	66	66.3	Diabase	Pre-1998	8.8	1.03	32	0.01	1.02	32	—	—	—	—	—	—	—
FUC 3-3 - 67	FUC 3-3	67	67.3	Diabase	Pre-1998	8.8	0.50	16	0.03	0.47	15	—	—	—	—	—	—	—
FUC 3-3 - 70	FUC 3-3	70	70.3	Diabase	Pre-1998	8.5	0.43	13	0.03	0.40	13	—	—	—	—	—	—	—
FUC 3-3 - 75	FUC 3-3	75	75.3	Diabase	Pre-1998	8.7	0.65	20	0.03	0.62	19	68	47	3.3	—	—	—	—
FUC 3-3 - 80	FUC 3-3	80	80.3	Diabase	Pre-1998	8.7	0.10	3.1	0.005	0.10	3.0	15	12	4.7	—	—	—	—
FUC 3-3 - 85	FUC 3-3	85	85.3	Diabase	Pre-1998	8.8	0.09	2.8	0.005	0.09	2.7	10	7.6	3.7	—	—	—	—
FUC 3-3 - 90	FUC 3-3	90	90.3	Diabase	Pre-1998	8.6	0.20	6.3	0.01	0.19	5.9	13	6.9	2.1	—	—	—	—
FUC 3-3 - 95	FUC 3-3	95	95.3	Diabase	Pre-1998	8.5	0.86	27	0.06	0.80	25	54	27	2.0	—	—	—	—
Decline - 712	Decline	712	712.1	Diabase	Pre-1998	9.3	0.04	1.3	0.01	0.04	1.3	9.0	7.7	6.7	—	0.3	6.8	—
Decline - 1202.2	Decline	1,202.2	1,202.3	Diabase	Pre-1998	8.6	0.05	1.6	0.005	0.05	1.6	8.0	6.4	5.1	—	0.1	2.3	—
FUC 1-2 - 87.78	FUC 1-2	87.78	93.72	Diabase	2001	8.2	0.03	0.94	0.03	—	—	—	—	—	—	0.1	2.3	—
FUC 1-2 - 93.72	FUC 1-2	93.72	99.61	Diabase	2001	8.1	0.04	1.3	0.03	—	—	—	—	—	—	0.1	2.3	—
FUC 1-2 - 99.61	FUC 1-2	99.61	108.66	Diabase	2001	8.1	0.03	0.94	0.02	—	—	—	—	—	—	0.1	2.3	—
FUC 1-2 - 108.66	FUC 1-2	108.66	113.03	Diabase	2001	8.3	0.08	2.5	0.01	—	—	—	—	—	—	0.2	4.5	—
FGT-05 - 11.4	FGT-05	11.4	14.3	Diabase	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 134.9	FGT-05	134.9	142	Diabase	2001	8.5	0.06	1.9	0.01	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 142	FGT-05	142	149.5	Diabase	2001	—	0.05	1.6	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 149.5	FGT-05	149.5	157	Diabase	2001	—	0.05	1.6	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 157	FGT-05	157	164.5	Diabase	2001	—	0.05	1.6	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 164.5	FGT-05	164.5	172	Diabase	2001	—	0.05	1.6	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 172	FGT-05	172	175.36	Diabase	2001	—	0.05	1.6	—	—	—	—	—	—	—	0.1	2.3	—
Fox-250-Diabase	—	—	—	Diabase	8-Oct-09	9.0	0.05	1.6	0.005	—	—	—	—	—	—	0.2	4.5	—

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b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

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						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Diabase (continued)																		
Fox (continued)																		
Median						8.6	0.05	1.6	0.01	0.40	13	13	7.7	3.7	—	0.1	2.3	—
Minimum						8.1	0.03	0.94	0.005	0.04	1.3	8.0	6.4	2.0	—	0.1	2.3	—
Maximum						9.3	1.33	42	0.06	1.29	40	68	47	6.7	—	0.3	6.8	—
Count						17	23	23	17	11	11	7	7	7	0	14	14	—
Misery																		
MDC-10 142.36	—	—	—	Diabase	2001	9.4	0.11	3.4	0.005	0.11	3.4	12	8.6	3.5	—	0.2	4.5	—
MDC-10 159.49	—	—	—	Diabase	2001	9.3	0.10	3.1	0.005	0.11	3.4	11	7.9	3.5	—	0.1	2.3	—
MDC-10 171.12	—	—	—	Diabase	2001	9.2	0.11	3.4	0.03	0.12	3.8	13	9.6	3.8	—	0.1	2.3	—
MD 450-26 1A	—	—	—	Diabase	—	8.8	0.10	3.1	0.01	0.12	3.8	10	6.9	3.2	—	0.1	2.3	—
MD 430 21 1A	—	—	—	Diabase	4-Jul-01	8.7	0.07	2.2	0.005	0.04	1.3	20	18	9.1	—	0.2	4.5	—
MD 430 21 2A	—	—	—	Diabase	4-Jul-01	8.9	0.07	2.2	0.005	0.04	1.3	26	24	12	—	0.6	14	—
MD 430 25 1A	—	—	—	Diabase	4-Jul-01	8.7	0.10	3.1	0.005	0.10	3.1	19	16	6.1	—	0.6	14	—
MD 430 25 2A	—	—	—	Diabase	4-Jul-01	8.6	0.11	3.4	0.005	0.10	3.1	31	28	9.0	—	0.8	18	—
MD- 430-33-1A	—	—	—	Diabase	16-Aug-01	8.7	0.09	2.8	—	—	—	11	8.2	3.9	—	—	—	—
MD- 430-34-2A	—	—	—	Diabase	16-Aug-01	8.8	0.10	3.1	0.005	0.01	0.31	12	8.9	3.8	—	0.1	2.3	—
MD-430-91-01	—	—	—	Diabase	20-Oct-12	8.7	0.12	3.8	0.01	—	—	13	9.3	3.5	—	0.1	2.3	—
MD-430-91-02	—	—	—	Diabase	20-Oct-12	9.5	0.07	2.2	0.02	—	—	12	9.8	5.5	—	0.1	2.3	—
MD- 420-04-1A	—	—	—	Diabase	16-Aug-01	8.3	0.09	2.8	0.005	0.08	2.5	15	12	5.3	—	0.1	2.3	—
MD- 420-04-2A	—	—	—	Diabase	16-Aug-01	8.3	0.09	2.8	0.005	0.05	1.6	15	12	5.3	—	0.1	2.3	—
MD-420-12-01	—	—	—	Diabase	4-Oct-12	9.1	0.12	3.8	0.01	—	—	8.0	4.3	2.1	—	0.1	2.3	—
MD-410-08-01	—	—	—	Diabase	8-Dec-12	8.8	0.10	3.1	0.005	—	—	13	9.9	4.2	—	0.2	4.5	—
MD-410-08-02	—	—	—	Diabase	8-Dec-12	8.9	0.10	3.1	0.005	—	—	12	8.9	3.8	—	0.1	2.3	—
MD-410-07-01	—	—	—	Diabase	8-Dec-12	9.4	0.10	3.1	0.005	—	—	11	7.9	3.5	—	0.1	2.3	—
MD-410-07-02	—	—	—	Diabase	8-Dec-12	9.1	0.11	3.4	0.005	—	—	12	8.6	3.5	—	0.1	2.3	—
MD 400-42-1a	—	—	—	Diabase	19-Aug-02	8.7	0.11	3.4	0.01	0.08	2.5	15	12	4.4	—	0.1	2.3	—
MD-400-49-2a	—	—	—	Diabase	17-Aug-02	8.7	0.07	2.2	0.01	0.05	1.6	15	13	6.9	—	0.1	2.3	—
MD-390-38-2A	—	—	—	Diabase	24-Sep-02	9.2	0.09	2.8	0.01	0.07	2.2	10	7.2	3.6	—	0.1	2.3	—
MD-380-32-1A	—	—	—	Diabase	24-Sep-02	8.8	0.11	3.4	0.01	0.10	3.1	13	9.6	3.8	—	0.1	2.3	—
MD-370-22-1	—	—	—	Diabase	28-May-03	8.6	0.12	3.8	0.01	—	—	9.0	5.3	2.4	—	0.1	2.3	—
MD-370-22-2	—	—	—	Diabase	28-May-03	8.8	0.12	3.8	0.01	—	—	10	6.3	2.7	—	0.1	2.3	—
MDC-28 3.9-7	—	—	—	Diabase	2009	9.0	0.11	3.4	0.005	—	—	7.1	3.7	2.1	—	0.09	2.0	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

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						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Diabase (continued)																		
Misery (continued)																		
MDC-28 7-10	—	—	—	Diabase	2009	9.2	0.10	3.1	0.005	—	—	7.5	4.4	2.4	—	0.07	1.6	—
MDC-28 10-13	—	—	—	Diabase	2009	9.4	0.09	2.8	0.005	—	—	6.6	3.8	2.3	—	0.09	2.0	—
MDC-28 13-16	—	—	—	Diabase	2009	9.3	0.04	1.3	0.005	—	—	8.0	6.8	6.4	—	0.07	1.6	—
MDC-28 16-19	—	—	—	Diabase	2009	9.2	0.12	3.8	0.005	—	—	7.3	3.6	1.9	—	0.08	1.8	—
MDC-28 19-22	—	—	—	Diabase	2009	9.1	0.10	3.1	0.005	—	—	6.8	3.7	2.2	—	0.11	2.5	—
MDC-28 23-26.07	—	—	—	Diabase	2009	9.1	0.11	3.4	0.005	—	—	13	9.7	3.8	—	0.18	4.1	—
MGT-57 28.7-32	—	—	—	Diabase	2009	9.1	0.005	0.16	0.005	—	—	2.5	2.3	16	—	0.03	0.68	—
MGT-57 40-43	—	—	—	Diabase	2009	9.2	0.04	1.3	0.005	—	—	8.1	6.9	6.5	—	0.07	1.6	—
MGT-57 51-54	—	—	—	Diabase	2009	9.4	0.12	3.8	0.005	—	—	12	8.1	3.1	—	0.1	2.3	—
MGT-57 62-65	—	—	—	Diabase	2009	9.4	0.04	1.3	0.005	—	—	7.2	6.0	5.8	—	0.03	0.68	—
MGT-57 74-77	—	—	—	Diabase	2009	8.3	0.16	5.0	0.005	—	—	6.2	1.2	1.2	—	0.06	1.4	—
MGT-66 16-19	—	—	—	Diabase	2009	9.8	0.005	0.16	0.005	—	—	4.0	3.8	26	—	0.06	1.4	—
MGT-43 286-289	—	—	—	Diabase	2009	9.0	0.04	1.3	0.005	—	—	9.2	8.0	7.4	—	0.07	1.6	—
MGT-43 289-292	—	—	—	Diabase	2009	8.9	0.03	0.94	0.005	—	—	10	9.1	11	—	0.06	1.4	—
MGT-43 292-295	—	—	—	Diabase	2009	8.9	0.11	3.4	0.005	—	—	9.4	6.0	2.7	—	0.08	1.8	—
MGT-43 300-303	—	—	—	Diabase	2009	8.9	0.10	3.1	0.005	—	—	11	8.0	3.6	—	0.09	2.0	—
MGT-43 303-306	—	—	—	Diabase	2009	8.8	0.08	2.5	0.005	—	—	14	11	5.5	—	0.09	2.0	—
MGT-43 306-309	—	—	—	Diabase	2009	9.1	0.09	2.8	0.005	—	—	7.6	4.8	2.7	—	0.04	0.91	—
MGT-43 309-311.13	—	—	—	Diabase	2009	9.0	0.10	3.1	0.005	—	—	11	8.0	3.6	—	0.13	3.0	—
MGT-54 211-213.47	—	—	—	Diabase	2009	9.2	0.03	0.94	0.005	—	—	10	9.4	11	—	0.01	0.23	—
MGT-54 208-211	—	—	—	Diabase	2009	9.1	0.10	3.1	0.005	—	—	8.0	4.9	2.6	—	0.04	0.91	—
MGT-05 - 120	MGT-05	120	134	Diabase	12/30/97	9.0	0.11	3.4	0.01	0.11	3.4	7.0	3.6	2.0	—	—	—	—
MGT-05 - 136	MGT-05	136	144	Diabase	12/30/97	9.3	0.20	6.3	0.01	0.20	6.3	11	4.8	1.8	—	—	—	—
MGT-08 - 89	MGT-08	89	96	Diabase	12/30/97	9.2	0.10	3.1	0.01	0.10	3.1	12	8.9	3.8	—	—	—	—
MGT-08 - 96	MGT-08	96	96.3	Diabase	12/30/97	8.8	0.18	5.6	0.01	0.18	5.6	21	15	3.7	—	—	—	—
MGT-08 - 101	MGT-08	101	111	Diabase	12/30/97	9.0	0.13	4.1	0.01	0.13	4.1	10	5.9	2.5	—	—	—	—
MGT-08 - 113	MGT-08	113	123	Diabase	12/30/97	9.1	0.11	3.4	0.01	0.11	3.4	8.0	4.6	2.3	—	—	—	—
MGT-08 - 125	MGT-08	125	133	Diabase	12/30/97	9.2	0.12	3.8	0.01	0.11	3.4	9.0	5.3	2.4	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Diabase (continued)																		
Fox (continued)																		
Median						9.0	0.10	3.1	0.005	0.10	3.1	11	8.0	3.6	—	0.10	2.3	—
Minimum						8.3	0.005	0.16	0.005	0.01	0.31	2.5	1.2	1.2	—	0.01	0.23	—
Maximum						9.8	0.20	6.3	0.03	0.20	6.3	31	28	26	—	0.80	18	—
Count						54	54	54	53	22	22	54	54	54	0	46	46	—
Pigeon																		
97-54	97-54	126.14	126.46	Diabase	2000	9.1	0.04	1.3	0.005	0.02	0.63	11	9.3	8.4	—	—	—	—
97-54	97-54	18.88	19.08	Diabase	2000	9.1	0.05	1.6	0.005	0.02	0.63	11	9.5	7.1	—	—	—	—
97-54	97-54	20.54	20.65	Diabase	2000	8.2	0.01	0.31	0.005	0.02	0.63	11	10	34	0.01	—	0.83	—
97-54	97-54	41.3	42.03	Diabase	2000	8.6	0.06	1.9	0.005	0.02	0.63	8.6	6.7	4.6	0.005	—	0.42	—
97-54	97-54	52.75	53.29	Diabase	2000	9.5	0.05	1.6	0.005	0.02	0.63	7.9	6.3	5.1	—	—	—	—
97-54	97-54	81.07	81.38	Diabase	2000	9.4	0.03	0.94	0.005	0.02	0.63	9.1	8.2	9.7	—	—	—	—
HC-Pdef-1	—	—	—	Diabase	13-Sep-12	8.7	0.05	1.6	0.01	0.04	1.3	15	13	9.6	0.025	0.1	2.1	—
Median						9.1	0.05	1.6	0.005	0.02	0.63	11	9.3	8.4	0.01	0.1	0.83	—
Minimum						8.2	0.01	0.31	0.005	0.02	0.63	7.9	6.3	4.6	0.005	0.1	0.42	—
Maximum						9.5	0.06	1.9	0.01	0.04	1.3	15	13	34	0.025	0.1	2.1	—
Count						7	7	7	7	7	7	7	7	7	3	1	3	—
Sable																		
SDC-13	SDC-13	164.64	164.91	Diabase	2003	8.9	0.01	0.31	0.005	0.01	0.31	9.0	8.7	29	0.01	—	0.83	—
Median						8.9	0.01	0.31	0.005	0.01	0.31	9.0	8.7	29	0.01	—	0.83	—
Minimum						8.9	0.01	0.31	0.005	0.01	0.31	9.0	8.7	29	0.01	—	0.83	—
Maximum						8.9	0.01	0.31	0.005	0.01	0.31	9.0	8.7	29	0.01	—	0.83	—
Count						1	1	1	1	1	1	1	1	1	1	0	1	—
Jay																		
2014-DD-040	JGT-03	349.4	356.81	Diabase	2014	9.1	0.05	1.6	0.005	0.02	0.63	7.1	6.5	4.5	0.02	—	1.7	6.4
2014-DD-043	JGT-03	47.22	57.11	Diabase	2014	9.1	0.04	1.3	0.005	0.02	0.63	6.8	6.2	5.4	0.03	—	2.5	5.7
2014-DD-044	JGT-03	57.95	65.48	Diabase	2014	9.1	0.05	1.4	0.005	0.02	0.63	6.6	6.0	4.7	0.02	—	1.7	6.0
2014-DD-049	JGT-02	413	421	Diabase	2014	9.0	0.04	1.3	0.005	0.01	0.31	5.8	5	4.4	0.01	—	1	6.1
Median						9.1	0.04	1.4	0.005	0.02	0.63	6.7	6.1	4.6	0.02	—	1.67	6
Minimum						9.0	0.04	1.3	0.005	0.01	0.31	5.8	5.5	4.4	0.01	—	0.83	6
Maximum						9.1	0.05	1.6	0.005	0.02	0.63	7.1	6.5	5.4	0.03	—	2.50	6
Count						4	4	4	4	4	4	4	4	4.0	4	—	4	4

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite																		
Beartooth																		
58	96-35	13.5	13.95	Granite	2000	9.8	0.005	0.16	0.005	0.005	0.16	8.4	8.2	54	—	—	—	—
59	96-35	30	30.62	Granite	2000	9.8	0.005	0.16	0.005	0.005	0.16	5.8	5.6	37	—	—	—	—
62	96-35	30.14	46.78	Granite	2000	9.8	0.005	0.16	0.005	0.005	0.16	7.8	7.6	50	—	—	—	—
63	96-35	221.27	221.83	Granite	2000	9.1	0.01	0.31	0.005	0.01	0.31	8.3	8.0	27	0.04	—	3.3	—
12	BDC-05	40.2	40.53	Granite	2000	9.8	0.05	1.6	0.005	0.05	1.6	4.4	2.8	2.8	—	—	—	—
14	BDC-05	63.74	64.07	Granite	2000	9.5	0.03	0.94	0.005	0.03	0.94	7.6	6.7	8.1	—	—	—	—
15	BDC-07	224.63	225.02	Granite	2000	9.9	0.01	0.31	0.005	0.01	0.31	7.5	7.2	24	—	—	—	—
BDC 4-54.64	BDC 4	54.64	60.21	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 01-108	BGT 01	108	112.35	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 01-125.34	BGT 01	125.34	129.61	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 02-60.12	BGT 02	60.12	64.52	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 03-18.28	BGT 03	18.28	22.62	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 03-64.95	BGT 03	64.95	69.2	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.2	4.5	—
BGT 03-107.6	BGT 03	107.6	111.82	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 04-70.03	BGT 04	70.03	74.32	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 05-104.77	BGT 05	104.77	109.66	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 05-135.31	BGT 05	135.31	139.58	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.2	4.5	—
DDH 96-35-64.19	DDH 96-35	64.19	70.65	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BDC 2-88.19	BDC 2	88.19	90.86	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.2	4.5	—
BDC 3-38	BDC 3	38	42	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 01-99.36	BGT 01	99.36	103.64	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.2	4.5	—
BGT 04-48.38	BGT 04	48.38	52.7	Granite	2001	—	0.19	5.9	—	—	—	—	—	—	0.025	0.1	2.1	—
BGT 05-78.58	BGT 05	78.58	81.93	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.2	4.5	—
BDC 5-17	BDC 5	17	18	Granite	2001	—	—	—	—	—	—	—	—	—	—	19	428	—
BDC 3-42	BDC 3	42	57	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BDC 4-38.7	BDC 4	38.7	42	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.2	4.5	—
BDC 5-20.96	BDC 5	20.96	26.65	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.4	9.1	—
BDC 7-20.28	BDC 7	20.28	26.93	Granite	2001	—	0.12	3.8	—	—	—	—	—	—	0.025	0.1	2.1	—
BDC 7-32.42	BDC 7	32.42	36.9	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BDC 7-36.9	BDC 7	36.9	42	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BDC 7-53.95	BDC 7	53.95	58.98	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.2	4.5	—

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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

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Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Beartooth (continued)																		
BDC 7-64.09	BDC 7	64.09	69.29	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 01-65.18	BGT 01	65.18	69.43	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 01-82.23	BGT 01	82.23	86.35	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 02-107.4	BGT 02	107.4	111.73	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.2	4.5	—
BGT 02-146.12	BGT 02	146.12	150.45	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 03-39.31	BGT 03	39.31	43.66	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 04-35.95	BGT 04	35.95	41	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 04-91.65	BGT 04	91.65	95.95	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 04-130.5	BGT 04	130.5	134.87	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.2	4.5	—
BGT 05-25.9	BGT 05	25.9	30.95	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 05-56.78	BGT 05	56.78	61.17	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BGT 05-165.49	BGT 05	165.49	169.74	Granite	2001	—	—	—	—	—	—	—	—	—	—	0.4	9.1	—
BTG-460-25-01	—	—	—	Granite	25-Jul-04	8.9	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BTG-460-25-02	—	—	—	Granite	25-Jul-04	8.8	0.06	1.9	—	—	—	—	—	—	—	—	—	—
BG-440-04-02	—	—	—	Granite	—	7.9	0.09	2.8	—	—	—	—	—	—	—	—	—	—
BG-440-03-01	—	—	—	Granite	—	8.2	0.10	3.1	—	—	—	—	—	—	—	—	—	—
BG-440-03-02	—	—	—	Granite	—	8.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
BG-440-10-1	—	—	—	Granite	31-Jul-04	8.8	0.06	1.9	—	—	—	—	—	—	—	—	—	—
BG-440-10-2	—	—	—	Granite	31-Jul-04	8.9	0.04	1.3	—	—	—	—	—	—	—	—	—	—
BG-440-10-3	—	—	—	Granite	31-Jul-04	8.5	0.04	1.3	—	—	—	—	—	—	—	—	—	—
BG-440-10-4	—	—	—	Granite	31-Jul-04	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-440-10-5	—	—	—	Granite	31-Jul-04	9.2	0.04	1.3	—	—	—	—	—	—	—	—	—	—
BG-440-10-6	—	—	—	Granite	31-Jul-04	8.9	0.03	0.94	—	—	—	—	—	—	—	—	—	—
BG-440-10-7	—	—	—	Granite	31-Jul-04	9.0	0.07	2.2	—	—	—	—	—	—	—	—	—	—
BG-440-10-8	—	—	—	Granite	31-Jul-04	8.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
BG-440-10-1	—	—	—	Granite	—	9.4	0.18	5.6	—	—	—	—	—	—	—	—	—	—
BG-440-10-2	—	—	—	Granite	—	9.6	0.29	9.1	—	—	—	—	—	—	—	—	—	—
BG-440-11-1	—	—	—	Granite	6-Aug-04	9.0	0.07	2.2	—	—	—	—	—	—	—	—	—	—
BG-440-11-2	—	—	—	Granite	6-Aug-04	8.7	0.04	1.3	—	—	—	—	—	—	—	—	—	—
BG-440-11-3	—	—	—	Granite	6-Aug-04	8.9	0.17	5.3	—	—	—	—	—	—	—	—	—	—
BG-440-11-4	—	—	—	Granite	6-Aug-04	9.3	0.08	2.5	—	—	—	—	—	—	—	—	—	—

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						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Beartooth (continued)																		
BG-440-12-1	—	—	—	Granite	10-Aug-04	9.3	0.24	7.5	—	—	—	—	—	—	—	—	—	—
BG-440-12-2	—	—	—	Granite	10-Aug-04	8.8	0.04	1.3	—	—	—	—	—	—	—	—	—	—
BG-440-12-3	—	—	—	Granite	10-Aug-04	9.5	0.04	1.3	—	—	—	—	—	—	—	—	—	—
BG-440-12-4	—	—	—	Granite	10-Aug-04	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
BG-440-13-1	—	—	—	Granite	27-Aug-04	9.1	0.04	1.3	—	—	—	—	—	—	—	—	—	—
BG-440-13-2	—	—	—	Granite	27-Aug-04	9.2	0.05	1.6	—	—	—	—	—	—	—	—	—	—
BG-440-15-1	—	—	—	Granite	17-Sep-04	9.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
BG-440-15-2	—	—	—	Granite	17-Sep-04	8.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
BG-440-20-04	—	—	—	Granite	—	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-440-20-03	—	—	—	Granite	—	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-440-20-02	—	—	—	Granite	—	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-440-20-01	—	—	—	Granite	—	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
BG-440-22-04	—	—	—	Granite	—	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-440-22-03	—	—	—	Granite	—	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-440-22-02	—	—	—	Granite	—	9.3	0.11	3.4	—	—	—	—	—	—	—	—	—	—
BG-440-22-01	—	—	—	Granite	—	9.4	0.05	1.6	—	—	—	—	—	—	—	—	—	—
BTG-440-26-1	—	—	—	Granite	3-Sep-04	9.2	0.04	1.3	—	—	—	—	—	—	—	—	—	—
BTG-440-26-2	—	—	—	Granite	3-Sep-04	8.7	0.05	1.6	—	—	—	—	—	—	—	—	—	—
BTG-440-26-3	—	—	—	Granite	3-Sep-04	8.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
BTG-440-26-4	—	—	—	Granite	3-Sep-04	8.6	0.08	2.5	—	—	—	—	—	—	—	—	—	—
BG-430-21-02	—	—	—	Granite	—	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-430-21-01	—	—	—	Granite	—	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-430-19-04	—	—	—	Granite	—	7.9	0.05	1.6	—	—	—	—	—	—	—	—	—	—
BG-430-19-03	—	—	—	Granite	—	7.9	0.04	1.3	—	—	—	—	—	—	—	—	—	—
BG-430-19-02	—	—	—	Granite	—	7.8	0.05	1.6	—	—	—	—	—	—	—	—	—	—
BG-430-19-01	—	—	—	Granite	—	7.9	0.04	1.3	—	—	—	—	—	—	—	—	—	—
BG-430-18-04	—	—	—	Granite	—	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-430-18-03	—	—	—	Granite	—	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-430-18-02	—	—	—	Granite	—	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
BG-430-18-01	—	—	—	Granite	—	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-430-17-04	—	—	—	Granite	—	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Beartooth (continued)																		
BG-430-17-03	—	—	—	Granite	—	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
BG-430-17-02	—	—	—	Granite	—	9.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
BG-430-17-01	—	—	—	Granite	—	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
BG-430-05-02	—	—	—	Granite	—	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-430-05-01	—	—	—	Granite	—	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
BG-430-04-01	—	—	—	Granite	—	8.1	0.10	3.1	—	—	—	—	—	—	—	—	—	—
BG-430-02-02	—	—	—	Granite	—	8.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-430-02-01	—	—	—	Granite	—	8.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BG-420-04-04	—	—	—	Granite	—	8.2	0.22	6.9	—	—	—	—	—	—	—	—	—	—
BG-420-04-04	—	—	—	Granite	—	8.6	0.12	3.8	—	—	—	—	—	—	—	—	—	—
BG-420-04-03	—	—	—	Granite	—	9.0	0.09	2.8	—	—	—	—	—	—	—	—	—	—
BG-420-04-03	—	—	—	Granite	—	9.3	0.05	1.6	—	—	—	—	—	—	—	—	—	—
BG-420-04-02	—	—	—	Granite	—	8.8	0.16	5.0	—	—	—	—	—	—	—	—	—	—
BG-420-04-02	—	—	—	Granite	—	8.5	0.13	4.1	—	—	—	—	—	—	—	—	—	—
BG-420-04-01	—	—	—	Granite	—	8.8	0.15	4.7	—	—	—	—	—	—	—	—	—	—
BG-420-04-01	—	—	—	Granite	—	8.8	0.06	1.9	—	—	—	—	—	—	—	—	—	—
BTG-410-05-01	—	—	—	Granite	—	9.9	0.02	0.63	—	—	—	—	—	—	—	—	—	—
BTG-410-05-02	—	—	—	Granite	—	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
BT-310-Granite-3	—	—	—	Granite	—	9.5	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
BT-310-Granite-2	—	—	—	Granite	—	9.7	0.05	1.6	0.005	—	—	—	—	—	—	0.1	2.3	—
BT-310-Granite-1	—	—	—	Granite	—	9.8	0.02	0.63	0.01	—	—	—	—	—	—	0.1	2.3	—
BT-300-Granite-3	—	—	—	Granite	—	8.9	0.11	3.4	0.01	—	—	—	—	—	—	1.0	23	—
BT-300-Granite-2	—	—	—	Granite	—	9.1	0.08	2.5	0.005	—	—	—	—	—	—	1.4	32	—
BT-300-Granite-1	—	—	—	Granite	—	10.1	0.01	0.31	0.005	—	—	—	—	—	—	0.2	4.5	—
BT-290-Granite-2	—	—	—	Granite	—	10.1	0.01	0.31	0.005	—	—	—	—	—	—	0.2	4.5	—
BT-290-Granite-1	—	—	—	Granite	—	9.2	0.03	0.94	0.005	—	—	—	—	—	—	0.4	9.1	—
BT-290-Granite-3	—	—	—	Granite	—	9.8	0.01	0.31	0.01	—	—	—	—	—	—	0.1	2.3	—
BT-280-Granite-2	—	—	—	Granite	—	10.0	0.01	0.31	0.005	—	—	—	—	—	—	0.2	4.5	—
BT-280-Granite-1	—	—	—	Granite	—	9.9	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
BTGS-440-09-1	—	—	—	Granite	25-Jul-04	9.5	0.04	1.3	—	—	—	—	—	—	—	—	—	—
BTGS-440-09-2	—	—	—	Granite	25-Jul-04	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Beartooth (continued)																		
BTGS-440-09-3	—	—	—	Granite	25-Jul-04	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
BTGS-440-09-4	—	—	—	Granite	25-Jul-04	9.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
Median						9.3	0.03	0.94	0.005	0.01	0.31	7.6	7.2	27	0.025	0.1	2.3	—
Minimum						7.8	0.005	0.16	0.005	0.01	0.16	4.4	2.8	2.8	0.025	0.1	2.1	—
Maximum						10.1	0.29	9.1	0.01	0.05	1.6	8.4	8.2	54	0.04	19	428	—
Count						90	92	92	18	7	7	7	7	7	3	47	48	—
Fox																		
FUC-2B - 56	FUC-2B	56	56.3	Granite	Pre-1998	10.0	0.03	0.94	0.005	0.03	0.78	9.7	8.8	10	—	—	—	—
FUC 3-3 - 45	FUC 3-3	45	45.3	Granite	Pre-1998	9.5	0.15	4.7	0.005	0.15	4.5	6.5	1.8	1.4	—	—	—	—
FUC 3-3 - 50	FUC 3-3	50	50.3	Granite	Pre-1998	9.6	0.15	4.7	0.005	0.15	4.5	17	12	3.6	—	—	—	—
FUC 3-3 - 55	FUC 3-3	55	55.3	Granite	Pre-1998	9.7	0.07	2.2	0.005	0.07	2.0	9.9	7.7	4.5	—	—	—	—
FUC 3-3 - 60	FUC 3-3	60	60.3	Granite	Pre-1998	9.4	0.10	3.1	0.005	0.10	3.0	11	7.7	3.5	—	—	—	—
FUC 4-3 - 144	FUC 4-3	144	144.3	Granite	Pre-1998	9.9	0.03	0.94	0.005	0.03	0.78	7.8	6.9	8.3	—	—	—	—
FUC 4-4 - 144	FUC 4-4	144	144.3	Granite	Pre-1998	9.9	0.03	0.94	0.005	0.03	0.78	10	9.1	11	—	—	—	—
FUC 4-5 - 128	FUC 4-5	128	128.3	Granite	Pre-1998	9.8	0.11	3.4	0.005	0.11	3.3	7.8	4.4	2.3	—	—	—	—
FX 4-1 - 188	FX 4-1	188	188.3	Granite	Pre-1998	9.9	0.04	1.3	0.005	0.04	1.1	11	9.8	8.8	—	—	—	—
Granite Core 5.5	—	—	—	Granite	Pre-1998	9.5	0.037	1.2	—	—	—	4.0	2.8	3.5	—	—	—	—
Decline - #1a	Decline	—	—	Granite	Pre-1998	9.2	0.035	1.1	0.02	0.04	1.3	7.0	5.9	6.4	—	0.1	2.3	—
Decline - #1b	Decline	—	—	Granite	Pre-1998	9.7	0.028	0.88	0.03	0.01	0.31	11	10	13	—	0.1	2.3	—
Decline - 69	Decline	69	69.1	Granite	Pre-1998	9.4	0.014	0.44	0.03	0.005	0.16	5.0	4.6	11	—	0.1	2.3	—
Decline - 200	Decline	200	200.1	Granite	Pre-1998	9.0	0.069	2.2	0.03	0.01	0.31	0.0	-2.2	0.0	—	0.1	2.3	—
Decline - 245	Decline	245	245.1	Granite	Pre-1998	9.6	0.015	0.47	0.03	0.005	0.16	7.0	6.5	15	—	0.1	2.3	—
Decline - 296	Decline	296	296.1	Granite	Pre-1998	9.6	0.014	0.44	0.02	0.005	0.16	8.0	7.6	18	—	0.1	2.3	—
Decline - 365	Decline	365	365.1	Granite	Pre-1998	9.4	0.063	2.0	0.04	0.02	0.63	1.0	-0.97	0.5	—	0.1	2.3	—
Decline - 372	Decline	372	372.1	Granite	Pre-1998	7.8	0.019	0.59	0.005	0.02	0.63	4.0	3.4	6.7	—	0.1	2.3	—
Decline - 377	Decline	377	377.1	Granite	Pre-1998	9.2	0.003	0.09	0.005	0.005	0.16	0.0	-0.09	0.0	—	0.1	2.3	—
Decline - 447	Decline	447	447.1	Granite	Pre-1998	9.3	0.01	0.31	0.005	0.01	0.31	5.0	4.7	16	—	0.1	2.3	—
Decline - 500	Decline	500	500.1	Granite	Pre-1998	9.2	0.048	1.5	0.02	0.03	0.94	13	12	8.7	—	0.1	2.3	—
Decline - 552	Decline	552	552.1	Granite	Pre-1998	9.6	0.026	0.81	0.03	0.005	0.16	10	9.2	12	—	0.1	2.3	—
Decline - 610	Decline	610	610.1	Granite	Pre-1998	9.1	0.019	0.59	0.02	0.005	0.16	7.0	6.4	12	—	0.1	2.3	—
Decline - 660	Decline	660	660.1	Granite	Pre-1998	9.4	0.085	2.7	0.02	0.03	0.94	10	7.3	3.8	—	0.5	11	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
Decline - 764	Decline	764	764.1	Granite	Pre-1998	9.4	0.033	1.0	0.005	0.05	1.6	8.0	7.0	7.8	—	0.1	2.3	—
Decline - 809	Decline	809	809.1	Granite	Pre-1998	9.4	0.022	0.69	0.01	0.04	1.3	11	10	16	—	0.4	9.1	—
Decline - 822	Decline	822	822.1	Granite	Pre-1998	8.3	0.043	1.3	0.005	0.07	2.2	9.0	7.7	6.7	—	0.1	2.3	—
Decline - 851	Decline	851	851.1	Granite	Pre-1998	9.3	0.017	0.53	0.005	0.03	0.94	11	10	21	—	0.1	2.3	—
Decline - 901	Decline	901	901.1	Granite	Pre-1998	9.6	0.03	0.94	—	—	—	12	11	13	—	—	—	—
Decline - 951	Decline	951	951.1	Granite	Pre-1998	9.3	0.031	0.97	—	—	—	10	9.0	10	—	—	—	—
Decline - 1001	Decline	1,001	1,001.1	Granite	Pre-1998	9.5	0.016	0.50	—	—	—	11	11	22	—	—	—	—
Decline - 1055.9	Decline	1,055.9	1,056	Granite	Pre-1998	9.5	0.023	0.72	—	—	—	9.0	8.3	13	—	—	—	—
Decline - 1106.2	Decline	1,106.2	1,106.3	Granite	Pre-1998	9.3	0.032	1.0	0.005	0.02	0.63	8.0	7.0	8.0	—	0.1	2.3	—
Decline - 1168.8	Decline	1,168.8	1,168.9	Granite	Pre-1998	9.1	0.008	0.25	0.01	0.005	0.16	0.0	-0.25	0.0	—	0.1	2.3	—
Decline - 1276.1	Decline	1,276.1	1,276.2	Granite	Pre-1998	9.5	0.015	0.47	0.005	0.02	0.63	10	9.5	21	—	0.3	6.8	—
Decline - 1326.1	Decline	1,326.1	1,326.2	Granite	Pre-1998	9.1	0.056	1.8	0.005	0.06	1.9	7.0	5.3	4.0	—	0.1	2.3	—
FUC 1-2 - 70.15	FUC 1-2	70.15	76.02	Granite	2001	8.2	0.005	0.16	0.005	—	—	—	—	—	—	0.1	2.3	—
FUC 1-2 - 76.02	FUC 1-2	76.02	80.38	Granite	2001	8.6	0.005	0.16	0.005	—	—	—	—	—	—	0.1	2.3	—
FUC 1-2 - 80.38	FUC 1-2	80.38	87.78	Granite	2001	8.4	0.05	1.6	0.01	—	—	—	—	—	—	0.1	2.3	—
FUC 1-2 - 113.03	FUC 1-2	113.03	116.91	Granite	2001	8.5	0.04	1.3	0.02	—	—	—	—	—	—	0.1	2.3	—
FUC 1-2 - 116.91	FUC 1-2	116.91	122.67	Granite	2001	8.6	0.01	0.31	0.01	—	—	—	—	—	—	0.1	2.3	—
FUC 4-3 - 146.96	FUC 4-3	146.96	151.5	Granite	2001	8.8	0.01	0.31	0.01	—	—	—	—	—	—	0.1	2.3	—
FUC 4-3 - 155.2	FUC 4-3	155.2	163.4	Granite	2001	8.3	0.005	0.16	0.005	—	—	—	—	—	—	0.1	2.3	—
FDC 11 - 108.25	FDC 11	108.25	118.8	Granite	2001	8.5	0.005	0.16	0.005	—	—	—	—	—	—	0.1	2.3	—
FDC 11 - 118.8	FDC 11	118.8	123	Granite	2001	8.6	0.02	0.63	0.01	—	—	—	—	—	—	0.1	2.3	—
FDC 11 - 122.5	FDC 11	122.5	128.02	Granite	2001	8.2	0.03	0.94	0.01	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 58.29	FGT-03	58.29	65.79	Granite	2001	—	0.02	0.63	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 65.79	FGT-03	65.79	73.29	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.4	9.1	—
FGT-03 - 73.29	FGT-03	73.29	80.79	Granite	2001	9.6	0.02	0.63	0.01	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 80.79	FGT-03	80.79	83.82	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 90.22	FGT-03	90.22	97.72	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 97.72	FGT-03	97.72	105.22	Granite	2001	—	0.02	0.63	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 105.22	FGT-03	105.22	112.72	Granite	2001	—	0.005	0.16	—	—	—	—	—	—	—	0.2	4.5	—
FGT-03 - 112.72	FGT-03	112.72	115.5	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 148.68	FGT-03	148.68	153.11	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FGT-03 - 179.55	FGT-03	179.55	187.05	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 187.05	FGT-03	187.05	193.21	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 198.77	FGT-03	198.77	206.27	Granite	2001	—	0.02	0.63	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 206.27	FGT-03	206.27	213.77	Granite	2001	9.6	0.02	0.63	0.005	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 213.77	FGT-03	213.77	221.27	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 221.27	FGT-03	221.27	228.77	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 228.77	FGT-03	228.77	235.73	Granite	2001	—	0.02	0.63	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 235.73	FGT-03	235.73	243.23	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.2	4.5	—
FGT-03 - 243.23	FGT-03	243.23	251.46	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 37.7	FGT-05	37.7	45	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 45	FGT-05	45	52.5	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 52.5	FGT-05	52.5	60	Granite	2001	—	0.005	0.16	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 60	FGT-05	60	67.5	Granite	2001	9.5	0.01	0.31	0.01	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 67.5	FGT-05	67.5	75	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 75	FGT-05	75	82.5	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 82.5	FGT-05	82.5	90	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 90	FGT-05	90	97.5	Granite	2001	—	0.005	0.16	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 97.5	FGT-05	97.5	105	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 105	FGT-05	105	112.5	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 112.5	FGT-05	112.5	120	Granite	2001	—	0.07	2.2	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 120	FGT-05	120	128	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 175.36	FGT-05	175.36	183	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 183	FGT-05	183	190.5	Granite	2001	—	0.02	0.63	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 190.5	FGT-05	190.5	198	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 198	FGT-05	198	205.5	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 205.5	FGT-05	205.5	213	Granite	2001	9.4	0.03	0.94	0.02	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 213	FGT-05	213	220.5	Granite	2001	—	0.02	0.63	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 220.5	FGT-05	220.5	228	Granite	2001	—	0.08	2.5	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 228	FGT-05	228	235.5	Granite	2001	—	0.005	0.16	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 235.5	FGT-05	235.5	243	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 243	FGT-05	243	250.5	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FGT-05 - 250.5	FGT-05	250.5	258	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 258	FGT-05	258	265.5	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 265.5	FGT-05	265.5	273	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 273	FGT-05	273	280.5	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 280.5	FGT-05	280.5	288	Granite	2001	9.3	0.04	1.3	0.02	—	—	—	—	—	—	0.2	4.5	—
FGT-05 - 288	FGT-05	288	295	Granite	2001	—	0.06	1.9	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 295	FGT-05	295	300	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 4	FGT-07	4	14.21	Granite	2001	9.1	0.005	0.16	0.005	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 20.12	FGT-07	20.12	31.45	Granite	2001	—	0.005	0.16	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 86.23	FGT-07	86.23	94	Granite	2001	9.3	0.01	0.31	0.01	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 94	FGT-07	94	101.5	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.2	4.5	—
FGT-07 - 101.5	FGT-07	101.5	109	Granite	2001	—	0.005	0.16	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 109	FGT-07	109	116.5	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 116.5	FGT-07	116.5	124	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 124	FGT-07	124	131.78	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 135.64	FGT-07	135.64	143	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 143	FGT-07	143	149	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 156.5	FGT-07	156.5	162.63	Granite	2001	9.1	0.04	1.3	0.01	—	—	—	—	—	—	0.2	4.5	—
FGT-07 - 162.63	FGT-07	162.63	170	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 170	FGT-07	170	177.5	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 177.5	FGT-07	177.5	188.55	Granite	2001	—	0.05	1.6	—	—	—	—	—	—	—	0.2	4.5	—
FGT-07 - 188.55	FGT-07	188.55	193.27	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 193.27	FGT-07	193.27	199.62	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 199.62	FGT-07	199.62	204.78	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 204.78	FGT-07	204.78	212.28	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 212.28	FGT-07	212.28	219.78	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 219.78	FGT-07	219.78	227.28	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.4	9.1	—
FGT-07 - 227.28	FGT-07	227.28	234.78	Granite	2001	9.3	0.02	0.63	0.005	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 234.78	FGT-07	234.78	242.28	Granite	2001	—	0.02	0.63	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 242.28	FGT-07	242.28	249.78	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 249.78	FGT-07	249.78	257.28	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FGT-07 - 257.28	FGT-07	257.28	267.52	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FG-470-01-1	—	—	—	Granite	19-Jun-03	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-470-01-2	—	—	—	Granite	19-Jun-03	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-450-23-1	—	—	—	Granite	12-Nov-03	8.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-450-23-2	—	—	—	Granite	12-Nov-03	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-447-24-1	—	—	—	Granite	12-Nov-03	9.0	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-447-24-2	—	—	—	Granite	12-Nov-03	9.0	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-447-25-1	—	—	—	Granite	12-Nov-03	9.3	0.06	1.9	—	—	—	—	—	—	—	—	—	—
FG-447-25-2	—	—	—	Granite	12-Nov-03	9.2	0.06	1.9	—	—	—	—	—	—	—	—	—	—
FG-447-26-1	—	—	—	Granite	12-Nov-03	8.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-447-26-2	—	—	—	Granite	12-Nov-03	8.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-447-31-1	—	—	—	Granite	12-Nov-03	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-447-31-2	—	—	—	Granite	12-Nov-03	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-435-03-2A	—	—	—	Granite	12-Nov-03	9.0	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-435-03-1	—	—	—	Granite	12-Nov-03	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-435-03-1A	—	—	—	Granite	12-Nov-03	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-435-03-2	—	—	—	Granite	12-Nov-03	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-435-04-1	—	—	—	Granite	12-Nov-03	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-435-04-2	—	—	—	Granite	12-Nov-03	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-435-06-1	—	—	—	Granite	12-Nov-03	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-435-06-2	—	—	—	Granite	12-Nov-03	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-435-07-1	—	—	—	Granite	12-Nov-03	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-435-07-2	—	—	—	Granite	12-Nov-03	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-435-08-1	—	—	—	Granite	12-Nov-03	9.1	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-435-08-2	—	—	—	Granite	12-Nov-03	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-435-13-1	—	—	—	Granite	12-Nov-03	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-435-13-2	—	—	—	Granite	12-Nov-03	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-435-18-1	—	—	—	Granite	12-Nov-03	9.3	0.09	2.8	—	—	—	—	—	—	—	—	—	—
FG-435-18-2	—	—	—	Granite	12-Nov-03	9.3	0.09	2.8	—	—	—	—	—	—	—	—	—	—
FG-435-27-1a	—	—	—	Granite	19-Jun-03	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-435-27-1b	—	—	—	Granite	19-Jun-03	9.2	0.04	1.3	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FG-435-34-1a	—	—	—	Granite	19-Jun-03	8.9	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-435-34-1b	—	—	—	Granite	19-Jun-03	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-435-30-1a	—	—	—	Granite	19-Jun-03	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-435-30-2a	—	—	—	Granite	19-Jun-03	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-435-31-1	—	—	—	Granite	19-Jun-03	8.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-435-31-2	—	—	—	Granite	19-Jun-03	8.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-435-38-1	—	—	—	Granite	19-Jun-03	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-435-38-2	—	—	—	Granite	19-Jun-03	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-435-44-1	—	—	—	Granite	19-Jun-03	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-435-44-2	—	—	—	Granite	19-Jun-03	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-435-48-1a	—	—	—	Granite	19-Jun-03	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-435-48-1b	—	—	—	Granite	19-Jun-03	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-420-06-1	—	—	—	Granite	19-Jun-03	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-420-06-1	—	—	—	Granite	19-Jun-03	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-420-06-2	—	—	—	Granite	19-Jun-03	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-420-14-1	—	—	—	Granite	19-Jun-03	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-14-2	—	—	—	Granite	19-Jun-03	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-21-1	—	—	—	Granite	19-Jun-03	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-21-2	—	—	—	Granite	19-Jun-03	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-420-25-1	—	—	—	Granite	19-Jun-03	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-25-2	—	—	—	Granite	19-Jun-03	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-27-1	—	—	—	Granite	19-Jun-03	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-27-2	—	—	—	Granite	19-Jun-03	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-36-1	—	—	—	Granite	19-Jun-03	9.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-420-36-2	—	—	—	Granite	19-Jun-03	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-38-1	—	—	—	Granite	19-Jun-03	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-38-2	—	—	—	Granite	19-Jun-03	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
F420	—	—	—	Granite	11-Oct-03	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
F420	—	—	—	Granite	11-Oct-03	9.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
F420	—	—	—	Granite	11-Oct-03	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
F420	—	—	—	Granite	11-Oct-03	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-25-1	—	—	—	Granite	12-Sep-03	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FG-420-25-2	—	—	—	Granite	12-Sep-03	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-27-1	—	—	—	Granite	19-Sep-03	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-27-2	—	—	—	Granite	19-Sep-03	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-51-A	—	—	—	Granite	7-Dec-03	8.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-420-51-B	—	—	—	Granite	7-Dec-03	7.9	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-405-05-1	—	—	—	Granite	19-Jun-03	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-405-05-2	—	—	—	Granite	19-Jun-03	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-405-05-1	—	—	—	Granite	30-Oct-03	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-405-05-2	—	—	—	Granite	30-Oct-03	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-405-09-A	—	—	—	Granite	7-Dec-03	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-405-09-B	—	—	—	Granite	7-Dec-03	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-405-48-1	—	—	—	Granite	7-Jun-04	7.6	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-405-48-2	—	—	—	Granite	7-Jun-04	7.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-405-53-1	—	—	—	Granite	29-Jun-04	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-405-53-2	—	—	—	Granite	29-Jun-04	9.3	0.07	2.2	—	—	—	—	—	—	—	—	—	—
F-390-25-1A	—	—	—	Granite	27-May-04	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
F-390-25-1B	—	—	—	Granite	27-May-04	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-390-20-1	—	—	—	Granite	13-May-04	8.0	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-390-20-2	—	—	—	Granite	13-May-04	8.5	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-390-25-1A	—	—	—	Granite	30-May-04	8.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-390-25-1B	—	—	—	Granite	30-May-04	7.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-390-37-1	—	—	—	Granite	29-Jun-04	7.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-390-37-2	—	—	—	Granite	29-Jun-04	8.0	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-390-38-1	—	—	—	Granite	8-Jul-04	8.9	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-390-38-2	—	—	—	Granite	8-Jul-04	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-390-42-1	—	—	—	Granite	17-Jul-04	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-390-42-2	—	—	—	Granite	17-Jul-04	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-390-43-1	—	—	—	Granite	23-Jul-04	8.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-390-43-2	—	—	—	Granite	23-Jul-04	9.0	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-390-43-3	—	—	—	Granite	23-Jul-04	8.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-390-43-4	—	—	—	Granite	23-Jul-04	9.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FG-390-44-1	—	—	—	Granite	28-Jul-04	9.0	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-390-44-2	—	—	—	Granite	28-Jul-04	9.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-390-45-1	—	—	—	Granite	4-Aug-04	9.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-390-45-2	—	—	—	Granite	4-Aug-04	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-390-45-3	—	—	—	Granite	4-Aug-04	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-390-45-4	—	—	—	Granite	4-Aug-04	9.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-390-46-1	—	—	—	Granite	17-Sep-04	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-390-46-2	—	—	—	Granite	17-Sep-04	8.9	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-390-46-3	—	—	—	Granite	17-Sep-04	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-390-46-4	—	—	—	Granite	17-Sep-04	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-390-48-1	—	—	—	Granite	8-Aug-04	9.1	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-390-48-2	—	—	—	Granite	8-Aug-04	9.0	0.06	1.9	—	—	—	—	—	—	—	—	—	—
FG-390-48-3	—	—	—	Granite	8-Aug-04	8.9	0.06	1.9	—	—	—	—	—	—	—	—	—	—
FG-390-48-4	—	—	—	Granite	8-Aug-04	8.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-390-49-1	—	—	—	Granite	1-Aug-04	8.3	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-390-49-2	—	—	—	Granite	1-Aug-04	8.3	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-390-50-1	—	—	—	Granite	28-Aug-04	9.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-390-50-2	—	—	—	Granite	28-Aug-04	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-390-50-3	—	—	—	Granite	28-Aug-04	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-390-50-4	—	—	—	Granite	28-Aug-04	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-08-1	—	—	—	Granite	27-Jun-04	8.3	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-375-08-1	—	—	—	Granite	2-Jul-04	7.9	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-375-08-2	—	—	—	Granite	27-Jun-04	8.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-08-2	—	—	—	Granite	2-Jul-04	7.9	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-375-09R1-1	—	—	—	Granite	8-Jul-04	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-09R1-2	—	—	—	Granite	8-Jul-04	9.2	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-375-12-01	—	—	—	Granite	28-Jul-04	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-12-02	—	—	—	Granite	28-Jul-04	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-18-1	—	—	—	Granite	18-Aug-04	8.9	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-18-2	—	—	—	Granite	18-Aug-04	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-18-3	—	—	—	Granite	18-Aug-04	8.2	0.06	1.9	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FG-375-18-4	—	—	—	Granite	18-Aug-04	8.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-22-1	—	—	—	Granite	24-Aug-04	8.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-22-2	—	—	—	Granite	24-Aug-04	8.6	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-375-24-1	—	—	—	Granite	7-Sep-04	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-24-2	—	—	—	Granite	7-Sep-04	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-24-3	—	—	—	Granite	7-Sep-04	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-24-4	—	—	—	Granite	7-Sep-04	9.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-28-1	—	—	—	Granite	3-Sep-04	9.1	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-375-28-2	—	—	—	Granite	3-Sep-04	9.1	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-375-28-3	—	—	—	Granite	3-Sep-04	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-28-4	—	—	—	Granite	3-Sep-04	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-30-1	—	—	—	Granite	16-Sep-04	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-375-30-2	—	—	—	Granite	16-Sep-04	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-30-3	—	—	—	Granite	16-Sep-04	8.9	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-30-4	—	—	—	Granite	16-Sep-04	8.3	0.10	3.1	—	—	—	—	—	—	—	—	—	—
FG-375-31-1	—	—	—	Granite	17-Sep-04	8.7	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-375-31-2	—	—	—	Granite	17-Sep-04	8.5	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-375-31-3	—	—	—	Granite	17-Sep-04	8.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-31-4	—	—	—	Granite	17-Sep-04	8.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-37-1	—	—	—	Granite	29-Sep-04	8.5	0.14	4.4	—	—	—	—	—	—	—	—	—	—
FG-375-37-2	—	—	—	Granite	29-Sep-04	8.8	0.06	1.9	—	—	—	—	—	—	—	—	—	—
FG-375-37-3	—	—	—	Granite	29-Sep-04	8.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-375-37-4	—	—	—	Granite	29-Sep-04	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-40-1	—	—	—	Granite	17-Jul-04	9.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-40-2	—	—	—	Granite	17-Jul-04	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FOX-375-07-1A	—	—	—	Granite	17-Jun-04	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FOX-375-07-1B	—	—	—	Granite	17-Jun-04	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-375-52-02 22-NOV-04	—	—	—	Granite	22-Nov-04	8.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-52-01 22-NOV-04	—	—	—	Granite	22-Nov-04	8.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-45-04 29-OCT-04	—	—	—	Granite	29-Oct-04	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-45-03 29-OCT-04	—	—	—	Granite	29-Oct-04	8.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FG-375-45-02 29-OCT-04	—	—	—	Granite	29-Oct-04	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-45-01 29-OCT-04	—	—	—	Granite	29-Oct-04	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-375-42-04 24-OCT-04	—	—	—	Granite	24-Oct-04	9.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-42-04 20-OCT-04	—	—	—	Granite	20-Oct-04	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-375-42-03 24-OCT-04	—	—	—	Granite	24-Oct-04	8.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-42-03 20-OCT-04	—	—	—	Granite	20-Oct-04	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-375-42-02 24-OCT-04	—	—	—	Granite	24-Oct-04	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-42-02 20-OCT-04	—	—	—	Granite	20-Oct-04	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-42-01 24-OCT-04	—	—	—	Granite	24-Oct-04	8.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-42-01 20-OCT-04	—	—	—	Granite	20-Oct-04	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-375-41-04 13-OCT-04	—	—	—	Granite	13-Oct-04	8.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-41-03 13-OCT-04	—	—	—	Granite	13-Oct-04	8.9	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-41-02 13-OCT-04	—	—	—	Granite	13-Oct-04	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-41-01 13-OCT-04	—	—	—	Granite	13-Oct-04	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-40-04 12-OCT-04	—	—	—	Granite	12-Oct-04	8.5	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-375-40-03 12-OCT-04	—	—	—	Granite	12-Oct-04	7.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-40-02 12-OCT-04	—	—	—	Granite	12-Oct-04	8.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-40-01 12-OCT-04	—	—	—	Granite	12-Oct-04	8.5	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-375-39-04 6-SEP-04	—	—	—	Granite	6-Sep-04	8.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-39-03 6-SEP-04	—	—	—	Granite	6-Sep-04	7.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-375-39-02 6-SEP-04	—	—	—	Granite	6-Sep-04	8.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-39-01 6-SEP-04	—	—	—	Granite	6-Sep-04	7.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-375-33-04 6-OCT-04	—	—	—	Granite	6-Oct-04	8.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-375-33-03 6-OCT-04	—	—	—	Granite	6-Oct-04	8.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-375-33-02 6-OCT-04	—	—	—	Granite	6-Oct-04	8.4	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-375-33-01 6-OCT-04	—	—	—	Granite	6-Oct-04	7.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-370-06-1A	—	—	—	Granite	12-Nov-03	8.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-01-01	—	—	—	Granite	1-Oct-04	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-01-02	—	—	—	Granite	1-Oct-04	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-01-03	—	—	—	Granite	1-Oct-04	9.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-01-04	—	—	—	Granite	1-Oct-04	9.0	0.01	0.31	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FG-360-52-04 8-Apr-05	—	—	—	Granite	8-Apr-05	8.8	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-360-52-03 8-Apr-05	—	—	—	Granite	8-Apr-05	8.4	0.06	1.9	—	—	—	—	—	—	—	—	—	—
FG-360-52-02 8-Apr-05	—	—	—	Granite	8-Apr-05	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-52-01 8-Apr-05	—	—	—	Granite	8-Apr-05	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-51-06 8-Apr-05	—	—	—	Granite	8-Apr-05	8.8	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-360-51-05 8-Apr-05	—	—	—	Granite	8-Apr-05	8.3	0.11	3.4	—	—	—	—	—	—	—	—	—	—
FG-360-51-04 23-Mar-05	—	—	—	Granite	23-Mar-05	8.5	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-360-51-03 23-Mar-05	—	—	—	Granite	23-Mar-05	8.7	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-360-51-02 23-Mar-05	—	—	—	Granite	23-Mar-05	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-51-01 23-Mar-05	—	—	—	Granite	23-Mar-05	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-47-06 8-Mar-05	—	—	—	Granite	8-Mar-05	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-47-05 8-Mar-05	—	—	—	Granite	8-Mar-05	8.8	0.12	3.8	—	—	—	—	—	—	—	—	—	—
FG-360-47-04 8-Mar-05	—	—	—	Granite	8-Mar-05	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-47-03 8-Mar-05	—	—	—	Granite	8-Mar-05	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-47-02 8-Mar-05	—	—	—	Granite	8-Mar-05	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-47-01 8-Mar-05	—	—	—	Granite	8-Mar-05	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-46-04 28-FEB-05	—	—	—	Granite	28-Feb-05	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-46-03 28-FEB-05	—	—	—	Granite	28-Feb-05	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-46-02 28-FEB-05	—	—	—	Granite	28-Feb-05	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-46-01 28-FEB-05	—	—	—	Granite	28-Feb-05	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-44-04 18-FEB-05	—	—	—	Granite	18-Feb-05	9.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-44-03 18-FEB-05	—	—	—	Granite	18-Feb-05	9.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-44-02 18-FEB-05	—	—	—	Granite	18-Feb-05	9.0	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-44-01 18-FEB-05	—	—	—	Granite	18-Feb-05	9.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-42-06 1-FEB-05	—	—	—	Granite	1-Feb-05	8.3	0.09	2.8	—	—	—	—	—	—	—	—	—	—
FG-360-42-05 1-FEB-05	—	—	—	Granite	1-Feb-05	9.3	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-360-42-04 30-JAN-05	—	—	—	Granite	30-Jan-05	8.9	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-360-42-03 30-JAN-05	—	—	—	Granite	30-Jan-05	8.8	0.06	1.9	—	—	—	—	—	—	—	—	—	—
FG-360-42-02 28-JAN-05	—	—	—	Granite	28-Jan-05	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-360-42-01 28-JAN-05	—	—	—	Granite	28-Jan-05	9.3	0.08	2.5	—	—	—	—	—	—	—	—	—	—
FG-360-41-04 1-FEB-05	—	—	—	Granite	1-Feb-05	9.5	0.06	1.9	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FG-360-41-03 1-FEB-05	—	—	—	Granite	1-Feb-05	9.4	0.11	3.4	—	—	—	—	—	—	—	—	—	—
FG-360-41-02 24-JAN-05	—	—	—	Granite	24-Jan-05	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-41-01 24-JAN-05	—	—	—	Granite	24-Jan-05	9.0	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-40-04 4-FEB-05	—	—	—	Granite	4-Feb-05	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-40-03 4-FEB-05	—	—	—	Granite	4-Feb-05	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-40-02 4-FEB-05	—	—	—	Granite	4-Feb-05	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-40-01 4-FEB-05	—	—	—	Granite	4-Feb-05	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-39-06 1-FEB-05	—	—	—	Granite	1-Feb-05	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-39-05 1-FEB-05	—	—	—	Granite	1-Feb-05	8.4	0.22	6.9	—	—	—	—	—	—	—	—	—	—
FG-360-39-04 23-JAN-05	—	—	—	Granite	23-Jan-05	9.0	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-39-04 18-JAN-05	—	—	—	Granite	18-Jan-05	9.5	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-360-39-03 23-JAN-05	—	—	—	Granite	23-Jan-05	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-39-03 18-JAN-05	—	—	—	Granite	18-Jan-05	9.2	0.08	2.5	—	—	—	—	—	—	—	—	—	—
FG-360-39-02 22-JAN-05	—	—	—	Granite	22-Jan-05	9.9	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-39-02 18-JAN-05	—	—	—	Granite	18-Jan-05	9.3	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-360-39-01 22-JAN-05	—	—	—	Granite	22-Jan-05	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-39-01 18-JAN-05	—	—	—	Granite	18-Jan-05	9.2	0.09	2.8	—	—	—	—	—	—	—	—	—	—
FG-360-38-04 23-JAN-05	—	—	—	Granite	23-Jan-05	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-38-03 23-JAN-05	—	—	—	Granite	23-Jan-05	9.0	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-360-38-02 22-JAN-05	—	—	—	Granite	22-Jan-05	9.4	0.06	1.9	—	—	—	—	—	—	—	—	—	—
FG-360-38-01 22-JAN-05	—	—	—	Granite	22-Jan-05	9.1	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-360-36-02 30-JAN-05	—	—	—	Granite	30-Jan-05	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-36-01 30-JAN-05	—	—	—	Granite	30-Jan-05	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-35-04 14-JAN-05	—	—	—	Granite	14-Jan-05	9.6	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-360-35-03 14-JAN-05	—	—	—	Granite	14-Jan-05	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-35-02 14-JAN-05	—	—	—	Granite	14-Jan-05	9.6	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-360-35-01 14-JAN-05	—	—	—	Granite	14-Jan-05	9.6	0.11	3.4	—	—	—	—	—	—	—	—	—	—
FG-360-30-04 23-JAN-05	—	—	—	Granite	23-Jan-05	9.9	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-30-03 23-JAN-05	—	—	—	Granite	23-Jan-05	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-30-02 20-JAN-05	—	—	—	Granite	20-Jan-05	10.0	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-30-02 11-JAN-05	—	—	—	Granite	11-Jan-05	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FG-360-30-01 20-JAN-05	—	—	—	Granite	20-Jan-05	9.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-30-01 11-JAN-05	—	—	—	Granite	11-Jan-05	9.4	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-360-29-04 26-DEC-04	—	—	—	Granite	26-Dec-04	8.3	0.10	3.1	—	—	—	—	—	—	—	—	—	—
FG-360-29-03 26-DEC-04	—	—	—	Granite	26-Dec-04	8.0	0.12	3.8	—	—	—	—	—	—	—	—	—	—
FG-360-29-02 1-JAN-05	—	—	—	Granite	1-Jan-05	8.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-29-01 1-JAN-05	—	—	—	Granite	1-Jan-05	7.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-28-02 26-DEC-04	—	—	—	Granite	26-Dec-04	8.2	0.06	1.9	—	—	—	—	—	—	—	—	—	—
FG-360-28-01 26-DEC-04	—	—	—	Granite	26-Dec-04	8.1	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-360-25-02 11-JAN-05	—	—	—	Granite	11-Jan-05	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-25-01 11-JAN-05	—	—	—	Granite	11-Jan-05	9.1	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-22-04 13-DEC-04	—	—	—	Granite	13-Dec-04	8.6	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-360-22-03 13-DEC-04	—	—	—	Granite	13-Dec-04	8.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-22-02 13-DEC-04	—	—	—	Granite	13-Dec-04	8.3	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-360-22-01 13-DEC-04	—	—	—	Granite	13-Dec-04	8.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-18-02 1-JAN-05	—	—	—	Granite	1-Jan-05	8.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-18-01 1-JAN-05	—	—	—	Granite	1-Jan-05	8.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-11-04 26-FEB-05	—	—	—	Granite	26-Feb-05	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-11-03 26-FEB-05	—	—	—	Granite	26-Feb-05	9.0	0.22	6.9	—	—	—	—	—	—	—	—	—	—
FG-360-11-02 3-DEC-04	—	—	—	Granite	3-Dec-04	8.2	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-360-11-02 26-FEB-05	—	—	—	Granite	26-Feb-05	8.9	0.15	4.7	—	—	—	—	—	—	—	—	—	—
FG-360-11-01 3-DEC-04	—	—	—	Granite	3-Dec-04	8.2	0.06	1.9	—	—	—	—	—	—	—	—	—	—
FG-360-11-01 26-FEB-05	—	—	—	Granite	26-Feb-05	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-03-04 13-OCT-04	—	—	—	Granite	13-Oct-04	8.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-03-03 13-OCT-04	—	—	—	Granite	13-Oct-04	8.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-03-02 13-OCT-04	—	—	—	Granite	13-Oct-04	8.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-03-01 13-OCT-04	—	—	—	Granite	13-Oct-04	8.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-360-02-04 6-OCT-04	—	—	—	Granite	6-Oct-04	8.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-360-02-03 6-OCT-04	—	—	—	Granite	6-Oct-04	8.0	0.08	2.5	—	—	—	—	—	—	—	—	—	—
FG-360-02-02 6-OCT-04	—	—	—	Granite	6-Oct-04	8.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-360-02-01 6-OCT-04	—	—	—	Granite	6-Oct-04	8.0	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-345-42-4 17-May-05	—	—	—	Granite	17-May-05	8.9	0.04	1.3	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FG-345-42-3 17-May-05	—	—	—	Granite	17-May-05	9.1	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-345-42-2 17-May-05	—	—	—	Granite	17-May-05	8.7	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-345-42-1 17-May-05	—	—	—	Granite	17-May-05	8.7	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-345-42-08 11-May-05	—	—	—	Granite	11-May-05	8.8	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-345-42-07 11-May-05	—	—	—	Granite	11-May-05	8.7	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-345-42-06 11-May-05	—	—	—	Granite	11-May-05	8.7	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-345-42-05 11-May-05	—	—	—	Granite	11-May-05	8.9	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-345-42-04 10-May-05	—	—	—	Granite	10-May-05	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-345-42-03 10-May-05	—	—	—	Granite	10-May-05	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-42-02 10-May-05	—	—	—	Granite	10-May-05	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-42-01 10-May-05	—	—	—	Granite	10-May-05	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-41-04 4-May-05	—	—	—	Granite	4-May-05	9.1	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-345-41-03 4-May-05	—	—	—	Granite	4-May-05	9.0	0.08	2.5	—	—	—	—	—	—	—	—	—	—
FG-345-41-02 4-May-05	—	—	—	Granite	4-May-05	9.2	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-345-41-01 4-May-05	—	—	—	Granite	4-May-05	8.9	0.08	2.5	—	—	—	—	—	—	—	—	—	—
FG-345-40-04 4-May-05	—	—	—	Granite	4-May-05	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
FG-345-40-03 4-May-05	—	—	—	Granite	4-May-05	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-345-40-02 4-May-05	—	—	—	Granite	4-May-05	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
FG-345-40-01 4-May-05	—	—	—	Granite	4-May-05	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-345-38-06 24-Apr-05	—	—	—	Granite	24-Apr-05	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-345-38-05 24-Apr-05	—	—	—	Granite	24-Apr-05	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-345-38-04 24-Apr-05	—	—	—	Granite	24-Apr-05	9.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-345-38-03 24-Apr-05	—	—	—	Granite	24-Apr-05	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-38-02 24-Apr-05	—	—	—	Granite	24-Apr-05	9.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-345-38-01 24-Apr-05	—	—	—	Granite	24-Apr-05	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-37-04 18-Apr-05	—	—	—	Granite	18-Apr-05	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-37-03 18-Apr-05	—	—	—	Granite	18-Apr-05	9.1	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-345-37-02 18-Apr-05	—	—	—	Granite	18-Apr-05	9.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-37-01 18-Apr-05	—	—	—	Granite	18-Apr-05	8.9	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-345-36-04 18-Apr-05	—	—	—	Granite	18-Apr-05	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-36-03 18-Apr-05	—	—	—	Granite	18-Apr-05	9.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FG-345-36-02 18-Apr-05	—	—	—	Granite	18-Apr-05	8.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-345-36-01 18-Apr-05	—	—	—	Granite	18-Apr-05	8.5	0.12	3.8	—	—	—	—	—	—	—	—	—	—
FG-345-35-04 17-Apr-05	—	—	—	Granite	17-Apr-05	8.3	0.15	4.7	—	—	—	—	—	—	—	—	—	—
FG-345-35-03 17-Apr-05	—	—	—	Granite	17-Apr-05	8.4	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-345-35-02 17-Apr-05	—	—	—	Granite	17-Apr-05	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-345-35-01 17-Apr-05	—	—	—	Granite	17-Apr-05	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-34-04 10-Apr-05	—	—	—	Granite	10-Apr-05	9.8	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-345-34-03 10-Apr-05	—	—	—	Granite	10-Apr-05	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-345-34-02 10-Apr-05	—	—	—	Granite	10-Apr-05	9.8	0.005	0.16	—	—	—	—	—	—	—	—	—	—
FG-345-34-01 10-Apr-05	—	—	—	Granite	10-Apr-05	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-345-27-06 1-Apr-05	—	—	—	Granite	1-Apr-05	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-27-05 1-Apr-05	—	—	—	Granite	1-Apr-05	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-27-04 1-Apr-05	—	—	—	Granite	1-Apr-05	9.2	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-345-27-03 1-Apr-05	—	—	—	Granite	1-Apr-05	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-345-27-02 1-Apr-05	—	—	—	Granite	1-Apr-05	9.4	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-345-27-01 1-Apr-05	—	—	—	Granite	1-Apr-05	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-345-21-04 24-Mar-05	—	—	—	Granite	24-Mar-05	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-345-21-03 24-Mar-05	—	—	—	Granite	24-Mar-05	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-21-02 24-Mar-05	—	—	—	Granite	24-Mar-05	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-21-01 24-Mar-05	—	—	—	Granite	24-Mar-05	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-16-04 28-FEB-05	—	—	—	Granite	28-Feb-05	8.5	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-345-16-03 28-FEB-05	—	—	—	Granite	28-Feb-05	8.8	0.09	2.8	—	—	—	—	—	—	—	—	—	—
FG-345-16-02 28-FEB-05	—	—	—	Granite	28-Feb-05	8.4	0.22	6.9	—	—	—	—	—	—	—	—	—	—
FG-345-16-01 28-FEB-05	—	—	—	Granite	28-Feb-05	8.2	0.29	9.1	—	—	—	—	—	—	—	—	—	—
FG-345-14-02 16-FEB-05	—	—	—	Granite	16-Feb-05	8.5	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-345-14-01 16-FEB-05	—	—	—	Granite	16-Feb-05	8.4	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-345-12-06 26-Mar-05	—	—	—	Granite	26-Mar-05	8.6	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-345-12-05 26-Mar-05	—	—	—	Granite	26-Mar-05	8.9	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-12-04 26-Mar-05	—	—	—	Granite	26-Mar-05	8.5	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-345-12-03 26-Mar-05	—	—	—	Granite	26-Mar-05	8.9	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-345-12-02 26-Mar-05	—	—	—	Granite	26-Mar-05	8.3	0.05	1.6	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FG-345-12-01 26-Mar-05	—	—	—	Granite	26-Mar-05	8.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-345-10-04 15-FEB-05	—	—	—	Granite	15-Feb-05	9.9	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-10-03 15-FEB-05	—	—	—	Granite	15-Feb-05	9.7	0.29	9.1	—	—	—	—	—	—	—	—	—	—
FG-345-10-02 15-FEB-05	—	—	—	Granite	15-Feb-05	9.7	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-345-10-01 15-FEB-05	—	—	—	Granite	15-Feb-05	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-09-04 7-FEB-05	—	—	—	Granite	7-Feb-05	8.3	0.11	3.4	—	—	—	—	—	—	—	—	—	—
FG-345-09-03 7-FEB-05	—	—	—	Granite	7-Feb-05	8.0	0.17	5.3	—	—	—	—	—	—	—	—	—	—
FG-345-09-02 7-FEB-05	—	—	—	Granite	7-Feb-05	9.0	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-345-09-01 7-FEB-05	—	—	—	Granite	7-Feb-05	9.1	0.06	1.9	—	—	—	—	—	—	—	—	—	—
FG-345-07-04 16-FEB-05	—	—	—	Granite	16-Feb-05	8.7	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-345-07-03 16-FEB-05	—	—	—	Granite	16-Feb-05	9.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-345-07-02 4-FEB-05	—	—	—	Granite	4-Feb-05	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-345-07-01 4-FEB-05	—	—	—	Granite	4-Feb-05	9.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-330-25-04 24-Jun-05	—	—	—	Granite	24-Jun-05	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-330-25-03 24-Jun-05	—	—	—	Granite	24-Jun-05	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-330-25-02 24-Jun-05	—	—	—	Granite	24-Jun-05	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-330-25-01 24-Jun-05	—	—	—	Granite	24-Jun-05	9.5	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-330-24-04 24-Jun-05	—	—	—	Granite	24-Jun-05	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-330-24-03 24-Jun-05	—	—	—	Granite	24-Jun-05	9.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-330-24-02 24-Jun-05	—	—	—	Granite	24-Jun-05	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-330-24-01 24-Jun-05	—	—	—	Granite	24-Jun-05	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
FG-330-23-04 15-Jun-05	—	—	—	Granite	15-Jun-05	9.0	0.16	5.0	—	—	—	—	—	—	—	—	—	—
FG-330-23-03 15-Jun-05	—	—	—	Granite	15-Jun-05	9.0	0.16	5.0	—	—	—	—	—	—	—	—	—	—
FG-330-23-02 15-Jun-05	—	—	—	Granite	15-Jun-05	8.9	0.20	6.3	—	—	—	—	—	—	—	—	—	—
FG-330-23-01 15-Jun-05	—	—	—	Granite	15-Jun-05	8.9	0.10	3.1	—	—	—	—	—	—	—	—	—	—
FG-330-22-08 20-Jun-05	—	—	—	Granite	20-Jun-05	—	—	—	—	—	—	—	—	—	—	—	—	—
FG-330-22-07 20-Jun-05	—	—	—	Granite	20-Jun-05	—	—	—	—	—	—	—	—	—	—	—	—	—
FG-330-22-06 20-Jun-05	—	—	—	Granite	20-Jun-05	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-330-22-05 20-Jun-05	—	—	—	Granite	20-Jun-05	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-330-22-04 20-Jun-05	—	—	—	Granite	20-Jun-05	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-330-22-03 20-Jun-05	—	—	—	Granite	20-Jun-05	9.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FG-330-22-02 20-Jun-05	—	—	—	Granite	20-Jun-05	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-330-22-01 20-Jun-05	—	—	—	Granite	20-Jun-05	9.7	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-330-20-04 10-Jun-05	—	—	—	Granite	10-Jun-05	9.3	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-330-20-03 10-Jun-05	—	—	—	Granite	10-Jun-05	9.4	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-330-20-02 10-Jun-05	—	—	—	Granite	10-Jun-05	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-330-20-01 10-Jun-05	—	—	—	Granite	10-Jun-05	9.3	0.06	1.9	—	—	—	—	—	—	—	—	—	—
FG-330-18-02 11-Jun-05	—	—	—	Granite	11-Jun-05	9.0	0.07	2.2	—	—	—	—	—	—	—	—	—	—
FG-330-18-01 11-Jun-05	—	—	—	Granite	11-Jun-05	8.9	0.08	2.5	—	—	—	—	—	—	—	—	—	—
FG-330-15-04 4-Jun-05	—	—	—	Granite	4-Jun-05	9.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-330-15-03 4-Jun-05	—	—	—	Granite	4-Jun-05	9.4	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-330-15-02 4-Jun-05	—	—	—	Granite	4-Jun-05	9.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-330-15-01 4-Jun-05	—	—	—	Granite	4-Jun-05	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-330-13-04 1-Jun-05	—	—	—	Granite	1-Jun-05	9.3	0.16	5.0	—	—	—	—	—	—	—	—	—	—
FG-330-13-03 1-Jun-05	—	—	—	Granite	1-Jun-05	9.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-330-13-02 1-Jun-05	—	—	—	Granite	1-Jun-05	8.8	0.12	3.8	—	—	—	—	—	—	—	—	—	—
FG-330-13-01 1-Jun-05	—	—	—	Granite	1-Jun-05	9.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-330-09-08 18-May-05	—	—	—	Granite	18-May-05	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-330-09-07 18-May-05	—	—	—	Granite	18-May-05	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-330-09-06 18-May-05	—	—	—	Granite	18-May-05	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-330-09-05 18-May-05	—	—	—	Granite	18-May-05	9.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-330-09-04 17-May-05	—	—	—	Granite	17-May-05	9.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-330-09-03 17-May-05	—	—	—	Granite	17-May-05	9.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-330-09-02 17-May-05	—	—	—	Granite	17-May-05	9.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
FG-330-09-01 17-May-05	—	—	—	Granite	17-May-05	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-315-13-02 14-07-05	—	—	—	Granite	14-Jul-05	8.9	0.09	2.8	—	—	—	—	—	—	—	—	—	—
FG-315-13-03 14-07-05	—	—	—	Granite	14-Jul-05	9.4	0.04	1.3	—	—	—	—	—	—	—	—	—	—
FG-315-13-04 14-07-05	—	—	—	Granite	14-Jul-05	9.2	0.08	2.5	—	—	—	—	—	—	—	—	—	—
FG-315-16-01 24-07-05	—	—	—	Granite	24-Jul-05	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-315-16-02 24-07-05	—	—	—	Granite	24-Jul-05	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-315-16-03 24-07-05	—	—	—	Granite	24-Jul-05	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-315-16-04 24-07-05	—	—	—	Granite	24-Jul-05	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FG-275-20-1	—	—	—	Granite	12-Aug-04	8.6	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-275-20-2	—	—	—	Granite	12-Aug-04	8.0	0.11	3.4	—	—	—	—	—	—	—	—	—	—
FG-275-20-3	—	—	—	Granite	12-Aug-04	8.9	0.02	0.63	—	—	—	—	—	—	—	—	—	—
FG-275-20-4	—	—	—	Granite	12-Aug-04	9.0	0.05	1.6	—	—	—	—	—	—	—	—	—	—
FG-270-16-01	—	—	—	Granite	7-Sep-06	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
Fox-260-Granite-2 31-Mar-09	—	—	—	Granite	31-Mar-09	9.3	0.01	0.31	0.005	—	—	—	—	—	—	0.2	4.5	—
Fox-260-Granite-1 31-Mar-09	—	—	—	Granite	31-Mar-09	9.4	0.03	0.94	0.005	—	—	—	—	—	—	0.2	4.5	—
Fox-250-Granite-2 26-Jan-09	—	—	—	Granite	26-Jan-09	9.4	0.01	0.31	0.005	—	—	—	—	—	—	0.3	6.8	—
Fox-250-Granite-1 26-Jan-09	—	—	—	Granite	26-Jan-09	9.9	0.01	0.31	0.01	—	—	—	—	—	—	0.3	6.8	—
Fox-250-Gr.Xenolith 8-Oct-09	—	—	—	Granite	8-Oct-09	9.9	0.02	0.63	0.01	—	—	—	—	—	—	0.2	4.5	—
Fox-250-Granite-3 8-Oct-09	—	—	—	Granite	8-Oct-09	9.7	0.02	0.63	0.01	—	—	—	—	—	—	0.2	4.5	—
Fox-250-Granite-4 8-Oct-09	—	—	—	Granite	8-Oct-09	9.6	0.02	0.63	0.02	—	—	—	—	—	—	0.3	6.8	—
Fox-240-Granite-3a 26-Jan-09	—	—	—	Granite	26-Jan-09	9.8	0.08	2.5	0.01	—	—	—	—	—	—	0.2	4.5	—
Fox-240-Granite-2a 26-Jan-09	—	—	—	Granite	26-Jan-09	9.9	0.01	0.31	0.01	—	—	—	—	—	—	0.2	4.5	—
Fox-240-Granite-1a 26-Jan-09	—	—	—	Granite	26-Jan-09	9.6	0.04	1.3	0.005	—	—	—	—	—	—	0.3	6.8	—
Fox-240-Granite-2 31-Mar-09	—	—	—	Granite	31-Mar-09	9.5	0.01	0.31	0.01	—	—	—	—	—	—	0.2	4.5	—
Fox-240-Granite-1 31-Mar-09	—	—	—	Granite	31-Mar-09	9.8	0.04	1.3	0.01	—	—	—	—	—	—	0.3	6.8	—
FGT-03 - 1.52	FGT-03	1.52	10.82	Granite	2001	9.1	0.04	1.3	0.005	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 10.82	FGT-03	10.82	18.32	Granite	2001	—	0.05	1.6	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 18.32	FGT-03	18.32	25.82	Granite	2001	—	0.05	1.6	—	—	—	—	—	—	—	0.2	4.5	—
FGT-03 - 25.82	FGT-03	25.82	30.24	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 30.24	FGT-03	30.24	37.74	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.2	4.5	—
FGT-03 - 37.74	FGT-03	37.74	45.24	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 45.24	FGT-03	45.24	52.74	Granite	2001	—	0.07	2.2	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 52.74	FGT-03	52.74	58.29	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.2	4.5	—
FGT-03 - 83.82	FGT-03	83.82	90.22	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 115.5	FGT-03	115.5	123	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 123	FGT-03	123	130.5	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 130.5	FGT-03	130.5	138	Granite	2001	—	0.05	1.6	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 138	FGT-03	138	148.68	Granite	2001	8.9	0.05	1.6	0.01	—	—	—	—	—	—	0.2	4.5	—
FGT-03 - 153.11	FGT-03	153.11	160.61	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.6	14	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Fox (continued)																		
FGT-03 - 160.61	FGT-03	160.61	168.11	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 168.11	FGT-03	168.11	172.05	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 172.05	FGT-03	172.05	179.55	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-03 - 193.21	FGT-03	193.21	198.77	Granite	2001	—	0.05	1.6	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 1.1	FGT-05	1.1	5.5	Granite	2001	8.9	0.05	1.6	0.02	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 5.5	FGT-05	5.5	11.4	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 14.3	FGT-05	14.3	20.34	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 20.34	FGT-05	20.34	26	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 26	FGT-05	26	30.8	Granite	2001	—	0.06	1.9	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 30.8	FGT-05	30.8	37.7	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
FGT-05 - 128	FGT-05	128	134.9	Granite	2001	—	0.01	0.31	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 14.21	FGT-07	14.21	20.12	Granite	2001	—	0.005	0.16	—	—	—	—	—	—	—	0.2	4.5	—
FGT-07 - 31.45	FGT-07	31.45	39	Granite	2001	—	0.005	0.16	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 39	FGT-07	39	46.5	Granite	2001	—	0.005	0.16	—	—	—	—	—	—	—	0.4	9.1	—
FGT-07 - 46.5	FGT-07	46.5	54	Granite	2001	—	0.005	0.16	—	—	—	—	—	—	—	0.2	4.5	—
FGT-07 - 54	FGT-07	54	61.5	Granite	2001	—	0.005	0.16	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 61.5	FGT-07	61.5	69	Granite	2001	—	0.02	0.63	—	—	—	—	—	—	—	0.2	4.5	—
FGT-07 - 69	FGT-07	69	76.5	Granite	2001	—	0.07	2.2	—	—	—	—	—	—	—	1.4	32	—
FGT-07 - 76.5	FGT-07	76.5	86.23	Granite	2001	—	0.02	0.63	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 131.78	FGT-07	131.78	135.64	Granite	2001	—	0.03	0.94	—	—	—	—	—	—	—	0.1	2.3	—
FGT-07 - 149	FGT-07	149	156.5	Granite	2001	—	0.04	1.3	—	—	—	—	—	—	—	0.1	2.3	—
Median						9.3	0.03	0.94	0.01	0.03	0.78	8.5	7.5	8.5	—	0.1	2.3	—
Minimum						7.5	0.003	0.09	0.005	0.005	0.16	0.0	-2.2	0.0	—	0.1	2.3	—
Maximum						10.0	0.29	9.1	0.04	0.15	4.5	17.1	12	22	—	1.4	32	—
Count						475	570	570	65	31	31	36	36	36	0	151	151	—
Koala																		
KG-345-27-1	—	—	—	Granite	12-Nov-03	9.1	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KG-345-27-2	—	—	—	Granite	12-Nov-03	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KG-345-28-1	—	—	—	Granite	12-Nov-03	9.6	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KG-345-28-2	—	—	—	Granite	12-Nov-03	9.6	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KG-345-30-1A	—	—	—	Granite	12-Nov-03	9.1	0.05	1.6	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Koala (continued)																		
KG-345-30-2A	—	—	—	Granite	12-Nov-03	8.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KG-345-33-1	—	—	—	Granite	12-Nov-03	9.1	0.06	1.9	—	—	—	—	—	—	—	—	—	—
KG-345-33-2	—	—	—	Granite	12-Nov-03	9.0	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KG-345-36-1	—	—	—	Granite	12-Nov-03	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KG-345-36-2	—	—	—	Granite	12-Nov-03	9.2	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KG-345-28-1	—	—	—	Granite	30-Dec-03	9.6	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KG-345-28-2	—	—	—	Granite	30-Dec-03	9.6	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KG-330-13-2	—	—	—	Granite	12-Nov-03	8.5	0.06	1.9	—	—	—	—	—	—	—	—	—	—
KG-330-05-1A	—	—	—	Granite	12-Nov-03	9.0	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KG-330-05-2A	—	—	—	Granite	12-Nov-03	8.6	0.12	3.8	—	—	—	—	—	—	—	—	—	—
KG-330-15-1	—	—	—	Granite	12-Nov-03	9.0	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KG-330-15-2	—	—	—	Granite	12-Nov-03	9.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KG-330-13-1	—	—	—	Granite	12-Nov-03	9.2	0.08	2.5	—	—	—	—	—	—	—	—	—	—
KG-330-13-2	—	—	—	Granite	12-Nov-03	9.3	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KG-330-26-1	—	—	—	Granite	12-Nov-03	8.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KG-330-26-2	—	—	—	Granite	12-Nov-03	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KG-330-17-1	—	—	—	Granite	12-Nov-03	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KG-330-17-2	—	—	—	Granite	12-Nov-03	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KG-330-10-1	—	—	—	Granite	12-Nov-03	9.9	0.09	2.8	—	—	—	—	—	—	—	—	—	—
KG-330-10-2	—	—	—	Granite	12-Nov-03	9.7	0.06	1.9	—	—	—	—	—	—	—	—	—	—
KG-330-21-1	—	—	—	Granite	12-Nov-03	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KG-330-21-2	—	—	—	Granite	12-Nov-03	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KG-315-12-1	—	—	—	Granite	12-Nov-03	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KG-315-12-2	—	—	—	Granite	12-Nov-03	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KG-315-27-1	—	—	—	Granite	12-Nov-03	9.0	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KG-315-27-2	—	—	—	Granite	12-Nov-03	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KG-315-05-1A	—	—	—	Granite	12-Nov-03	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KG-315-05-2A	—	—	—	Granite	12-Nov-03	9.3	0.06	1.9	—	—	—	—	—	—	—	—	—	—
KG-315-28-1	—	—	—	Granite	12-Nov-03	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KG-315-28-2	—	—	—	Granite	12-Nov-03	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSG-300-17-1	—	—	—	Granite	19-Jun-03	9.4	0.05	1.6	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Koala (continued)																		
KSG-300-17-2	—	—	—	Granite	19-Jun-03	9.3	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSG-300-20-1	—	—	—	Granite	19-Jun-03	9.0	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSG-300-20-2	—	—	—	Granite	19-Jun-03	9.0	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSG-300-20-1	—	—	—	Granite	12-Sep-03	9.0	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSG-300-20-2	—	—	—	Granite	12-Sep-03	9.0	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSG-290-01-1	—	—	—	Granite	19-Jun-03	8.7	0.14	4.4	—	—	—	—	—	—	—	—	—	—
KSG-290-01-2	—	—	—	Granite	19-Jun-03	8.8	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSG-290-06-1	—	—	—	Granite	19-Jun-03	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSG-290-06-2	—	—	—	Granite	19-Jun-03	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSG-290-06-1	—	—	—	Granite	12-Oct-03	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSG-290-06-2	—	—	—	Granite	12-Oct-03	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KG-290-11-A	—	—	—	Granite	6-Dec-03	7.8	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KG-290-11-B	—	—	—	Granite	6-Dec-03	8.4	0.08	2.5	—	—	—	—	—	—	—	—	—	—
KG-280-16-1	—	—	—	Granite	7-Jun-04	8.4	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KG-280-16-2	—	—	—	Granite	7-Jun-04	8.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KG-280-18-1	—	—	—	Granite	30-Jun-04	8.2	0.09	2.8	—	—	—	—	—	—	—	—	—	—
KG-280-18-2	—	—	—	Granite	30-Jun-04	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KG-280-18-1	—	—	—	Granite	4-Jul-04	7.9	0.17	5.3	—	—	—	—	—	—	—	—	—	—
KG-280-18-2	—	—	—	Granite	4-Jul-04	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KG-280-18-1	—	—	—	Granite	8-Jul-04	9.7	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KG-280-18-2	—	—	—	Granite	8-Jul-04	9.2	0.12	3.8	—	—	—	—	—	—	—	—	—	—
KG-270-08-1	—	—	—	Granite	29-Jul-04	8.6	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KG-270-08-2	—	—	—	Granite	29-Jul-04	8.5	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KG-270-08-01	—	—	—	Granite	16-Jul-04	9.1	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KG-270-08-02	—	—	—	Granite	16-Jul-04	9.2	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KG-270-17-02	—	—	—	Granite	—	8.1	0.06	1.9	—	—	—	—	—	—	—	—	—	—
KG-270-17-01	—	—	—	Granite	—	7.8	0.06	1.9	—	—	—	—	—	—	—	—	—	—
Koala-UG-Granite	—	—	—	Granite	—	9.0	0.08	2.5	—	—	—	—	—	—	—	—	—	—
KDC-03 - 60	KDC-03	60	60.3	Granite	30-Dec-07	9.7	0.07	2.2	0.005	0.07	2.0	5.5	3.3	2.5	—	—	—	—
KDC-03 - 480	KDC-03	480	480.3	Granite	30-Dec-07	10.2	0.07	2.2	0.005	0.07	2.0	6.6	4.4	3.0	—	—	—	—
KDC-04 - 180	KDC-04	180	180.3	Granite	30-Dec-07	9.7	0.03	0.94	0.005	0.03	0.78	6.4	5.5	6.8	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Koala (continued)																		
KDC-05 - 50	KDC-05	50	50.3	Granite	30-Dec-07	9.4	0.04	1.3	0.005	0.04	1.1	1.2	-0.1	1.0	—	—	—	—
KDC-05 - 328	KDC-05	328	328.3	Granite	30-Dec-07	9.6	0.07	2.2	0.005	0.07	2.0	6.4	4.2	2.9	—	—	—	—
KGT-01 - 136	KGT-01	136	136.3	Granite	30-Dec-07	9.4	0.03	0.94	0.01	0.02	0.63	11	10	12	—	—	—	—
KGT-04 - 140	KGT-04	140	140.3	Granite	30-Dec-07	9.6	0.07	2.2	0.01	0.07	2.2	10	7.8	4.6	—	—	—	—
KS-290-13-1A	—	—	—	Granite	10-Jan-04	8.0	0.11	3.4	—	—	—	—	—	—	—	—	—	—
KS-290-13-1B	—	—	—	Granite	10-Jan-04	7.9	0.06	1.9	—	—	—	—	—	—	—	—	—	—
KS-280-16-1A	—	—	—	Granite	29-May-04	8.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KS-280-16-1B	—	—	—	Granite	29-May-04	8.1	0.04	1.3	—	—	—	—	—	—	—	—	—	—
Median						9.2	0.04	1.3	0.005	0.07	2.0	6.4	4.4	3.0	—	—	—	—
Minimum						7.8	0.01	0.31	0.005	0.02	0.63	1.2	-0.1	1.0	—	—	—	—
Maximum						10.2	0.17	5.3	0.01	0.07	2.2	11	10	12	—	—	—	—
Count						75	75	75	7	7	7	7	7	7	0	0	0	—
Misery																		
MDC-1 31.7	—	—	—	Granite	2001	8.8	0.005	0.16	0.005	0.005	0.16	4.0	3.8	26	—	0.1	2.3	—
MDC-1 61.21	—	—	—	Granite	2001	9.2	0.005	0.16	0.005	0.005	0.16	3.0	2.8	19	—	0.1	2.3	—
MDC-1 90.8	—	—	—	Granite	2001	9.4	0.005	0.16	0.005	0.005	0.16	3.0	2.8	19	—	0.1	2.3	—
MDC-6 218.2	—	—	—	Granite	2001	9.7	0.005	0.16	0.005	0.005	0.16	4.0	3.8	26	—	0.1	2.3	—
MDC-4 23.6	—	—	—	Granite	2001	8.7	0.005	0.16	0.005	0.005	0.16	6.0	5.8	38	—	0.1	2.3	—
MDC-4 56	—	—	—	Granite	2001	9.5	0.02	0.63	0.005	0.03	0.94	8.0	7.4	13	—	0.1	2.3	—
MDC-6 161.4	—	—	—	Granite	2001	9.5	0.03	0.94	0.005	0.04	1.3	6.0	5.1	6.4	—	0.1	2.3	—
MDC-8 82	—	—	—	Granite	2001	9.7	0.005	0.16	0.005	0.005	0.16	7.0	6.8	45	—	0.1	2.3	—
MPG 450- A	—	—	—	Granite	—	9.5	0.005	0.16	—	—	—	7.0	6.8	45	—	—	—	—
MPG 450- AA	—	—	—	Granite	—	9.4	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MPG 450-AAA	—	—	—	Granite	—	9.4	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 450-26 2A	—	—	—	Granite	—	8.9	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 450-27 1A	—	—	—	Granite	—	9.3	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 450-27 2A	—	—	—	Granite	—	9.3	0.02	0.63	—	—	—	6.0	5.4	9.6	—	—	—	—
MG 450-31 1A	—	—	—	Granite	4-Jan-01	8.1	0.005	0.16	—	—	—	8.0	7.8	51	—	—	—	—
MG 450-34 1A	—	—	—	Granite	4-Jan-01	9.2	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 450-39-1A	—	—	—	Granite	5-Feb-01	8.6	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 450-39-1AA	—	—	—	Granite	5-Feb-01	8.5	0.08	2.5	—	—	—	5.0	2.5	2.0	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

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Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Misery (continued)																		
MG 450-39-2A	—	—	—	Granite	5-Feb-01	8.3	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 450-39-2AA	—	—	—	Granite	5-Feb-01	8.5	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 450-39-2AAA	—	—	—	Granite	5-Feb-01	8.5	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 450-41-1A	—	—	—	Granite	5-Feb-01	8.9	0.005	0.16	0.01	0.03	0.94	5.0	4.8	32	—	0.4	9.1	—
MG 450-41-2A	—	—	—	Granite	5-Feb-01	8.8	0.005	0.16	0.01	0.005	0.16	5.0	4.8	32	—	0.2	4.5	—
MG 450-45-1A	—	—	—	Granite	5-Feb-01	8.0	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 450-45-2A	—	—	—	Granite	5-Feb-01	8.1	0.02	0.63	—	—	—	5.0	4.4	8.0	—	—	—	—
MG- 450-46-1A	—	—	—	Granite	11-May-01	7.1	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG- 450-46-2A	—	—	—	Granite	11-May-01	8.8	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG- 450-48-1A	—	—	—	Granite	11-May-01	8.8	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG- 450-48-2A	—	—	—	Granite	11-May-01	8.9	0.05	1.6	—	—	—	5.0	3.4	3.2	—	—	—	—
MG- 450-49-2A	—	—	—	Granite	11-May-01	7.9	0.005	0.16	—	—	—	8.0	7.8	51	—	—	—	—
MG- 450-50-1A	—	—	—	Granite	11-May-01	7.7	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG- 450-50-2A	—	—	—	Granite	11-May-01	7.2	0.02	0.63	—	—	—	14	13	22	—	—	—	—
MG-440-SE-01	—	—	—	Granite	12-Oct-12	9.9	0.01	0.31	0.01	—	—	6.0	5.7	19	—	0.1	2.3	—
MG-440-SE-02	—	—	—	Granite	12-Oct-12	9.6	0.005	0.16	0.01	—	—	5.0	4.8	32	—	0.1	2.3	—
MG-440-SE-03	—	—	—	Granite	12-Oct-12	9.7	0.07	2.2	0.02	—	—	5.0	2.8	2.3	—	0.1	2.3	—
MG- 440-37-1A	—	—	—	Granite	16-Aug-01	9.2	0.05	1.6	—	—	—	4.0	2.4	2.6	—	—	—	—
MG- 440-37-2A	—	—	—	Granite	16-Aug-01	7.7	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 440-39-1A	—	—	—	Granite	5-Feb-01	9.0	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 440-39-2A	—	—	—	Granite	5-Feb-01	8.9	0.03	0.94	—	—	—	4.0	3.1	4.3	—	—	—	—
MG- 440-40-1A	—	—	—	Granite	11-May-01	8.5	0.06	1.9	—	—	—	12	10	6.4	—	—	—	—
MG- 440-40-2A	—	—	—	Granite	11-May-01	8.6	0.005	0.16	—	—	—	11	11	70	—	—	—	—
MG- 440-44-1A	—	—	—	Granite	11-May-01	8.7	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG- 440-44-1A	—	—	—	Granite	11-May-01	8.4	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG- 440-44-2A	—	—	—	Granite	11-May-01	8.9	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG- 440-44-2A	—	—	—	Granite	11-May-01	8.9	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG- 440-46-1A	—	—	—	Granite	11-May-01	8.9	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG- 440-46-2A	—	—	—	Granite	11-May-01	8.7	0.04	1.3	—	—	—	5.0	3.8	4.0	—	—	—	—
MG- 440-53-1A	—	—	—	Granite	11-May-01	7.1	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG- 440-53-2A	—	—	—	Granite	11-May-01	8.7	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

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						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Misery (continued)																		
MG- 440-54-1A	—	—	—	Granite	11-May-01	9.5	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG- 440-54-2A	—	—	—	Granite	11-May-01	9.5	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG- 440-55-1A	—	—	—	Granite	11-May-01	7.6	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG- 440-55-2A	—	—	—	Granite	11-May-01	8.6	0.10	3.1	—	—	—	5.0	1.9	1.6	—	—	—	—
MG 440 57 1A	—	—	—	Granite	4-Jul-01	9.1	0.07	2.2	—	—	—	11	8.8	5.0	—	—	—	—
MG 440 57 1B	—	—	—	Granite	4-Jul-01	9.3	0.04	1.3	—	—	—	11	9.8	8.8	—	—	—	—
MG 440 59 1A	—	—	—	Granite	4-Jul-01	9.4	0.03	0.94	—	—	—	7.0	6.1	7.5	—	—	—	—
MG 440 59 2A	—	—	—	Granite	4-Jul-01	9.6	0.005	0.16	—	—	—	8.0	7.8	51	—	—	—	—
MG 440 60 1A	—	—	—	Granite	4-Jul-01	9.6	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 440 60 2A	—	—	—	Granite	4-Jul-01	9.3	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 440 61 1A	—	—	—	Granite	4-Jul-01	9.2	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 440 61 2A	—	—	—	Granite	4-Jul-01	9.5	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 440 62 1A	—	—	—	Granite	4-Jul-01	9.3	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 440 62 1A	—	—	—	Granite	4-Jul-01	9.3	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 440 62 2A	—	—	—	Granite	4-Jul-01	9.6	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 440 65 1A	—	—	—	Granite	4-Jul-01	9.4	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 440 65 2A	—	—	—	Granite	4-Jul-01	9.4	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 440 66 1A	—	—	—	Granite	4-Jul-01	8.5	0.01	0.31	—	—	—	4.0	3.7	13	—	—	—	—
MG 440 66 2A	—	—	—	Granite	4-Jul-01	7.9	0.05	1.6	—	—	—	5.0	3.4	3.2	—	—	—	—
MG- 440-67-1A	—	—	—	Granite	16-Aug-01	7.8	0.05	1.6	—	—	—	7.0	5.4	4.5	—	—	—	—
MG- 440-67-2A	—	—	—	Granite	16-Aug-01	7.8	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG- 440-68-1A	—	—	—	Granite	16-Aug-01	9.2	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG- 440-68-2A	—	—	—	Granite	16-Aug-01	9.0	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-430-W-01	—	—	—	Granite	12-Oct-12	9.7	0.02	0.63	0.03	—	—	6.0	5.4	9.6	—	0.025	0.57	—
MG-430-W-02	—	—	—	Granite	12-Oct-12	9.9	0.01	0.31	0.03	—	—	7.0	6.7	22	—	0.025	0.57	—
MG-430-W-03	—	—	—	Granite	12-Oct-12	9.6	0.02	0.63	0.01	—	—	5.0	4.4	8.0	—	0.025	0.57	—
MG 430 18 1A	—	—	—	Granite	4-Jul-01	9.3	0.02	0.63	—	—	—	4.0	3.4	6.4	—	—	—	—
MG 430 18 2A	—	—	—	Granite	4-Jul-01	9.6	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 430 19 1A	—	—	—	Granite	4-Jul-01	9.2	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 430 19 2A	—	—	—	Granite	4-Jul-01	9.5	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 430 20 1A	—	—	—	Granite	4-Jul-01	9.4	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 430 20 2A	—	—	—	Granite	4-Jul-01	9.7	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Misery (continued)																		
MG 430 27 2A	—	—	—	Granite	4-Jul-01	9.4	0.01	0.31	—	—	—	6.0	5.7	19	—	—	—	—
MG 430 28 1A	—	—	—	Granite	4-Jul-01	9.5	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 430 28 2A	—	—	—	Granite	4-Jul-01	9.3	0.01	0.31	—	—	—	5.0	4.7	16	—	—	—	—
MG 430 29 1A	—	—	—	Granite	4-Jul-01	9.5	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 430 29 2A	—	—	—	Granite	4-Jul-01	8.6	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 430 30 1A	—	—	—	Granite	4-Jul-01	9.1	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 430 30 2A	—	—	—	Granite	4-Jul-01	9.2	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 430 31 1A	—	—	—	Granite	4-Jul-01	9.0	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 430 31 2A	—	—	—	Granite	4-Jul-01	8.8	0.09	2.8	—	—	—	12	9.2	4.3	—	—	—	—
MG- 430-33-2A	—	—	—	Granite	16-Aug-01	8.8	0.11	3.4	—	—	—	12	8.6	3.5	—	—	—	—
MG- 430-34-1A	—	—	—	Granite	16-Aug-01	9.1	0.005	0.16	0.01	0.01	0.31	4.0	3.8	26	—	0.1	2.3	—
MG- 430-35-1A	—	—	—	Granite	16-Aug-01	8.7	0.11	3.4	—	—	—	14	11	4.1	—	—	—	—
MG- 430-35-2A	—	—	—	Granite	16-Aug-01	9.3	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG- 430-36-1A	—	—	—	Granite	16-Aug-01	9.1	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG- 430-36-2A	—	—	—	Granite	16-Aug-01	8.8	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG- 430-41-1B	—	—	—	Granite	1-Oct-01	8.8	0.005	0.16	—	—	—	3.0	2.8	19	—	—	—	—
MG- 430-41-2B	—	—	—	Granite	1-Oct-01	6.9	0.005	0.16	—	—	—	7.0	6.8	45	—	—	—	—
MG 430 47 1A	—	—	—	Granite	—	8.6	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 430 47 1B	—	—	—	Granite	—	8.5	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 430 27 1A	—	—	—	Granite	4-Jul-01	9.5	0.01	0.31	—	—	—	7.0	6.7	22	—	—	—	—
MG/S-430-44-2A	—	—	—	Granite	7-Jan-02	9.1	0.01	0.31	0.01	0.01	0.31	5.0	4.7	16	—	0.1	2.3	—
MG-430-42-1A	—	—	—	Granite	7-Jan-02	8.6	0.03	0.94	—	—	—	7.0	6.1	7.5	—	—	—	—
MG-430-42-2A	—	—	—	Granite	7-Jan-02	7.8	0.01	0.31	—	—	—	6.0	5.7	19	—	—	—	—
MG-430-58 1A	—	—	—	Granite	3-Apr-02	9.0	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-430-58 2A	—	—	—	Granite	3-Apr-02	8.9	0.04	1.3	—	—	—	10	8.8	8.0	—	—	—	—
MG-420-SW-01	—	—	—	Granite	12-Oct-12	9.8	0.01	0.31	0.01	—	—	5.0	4.7	16	—	0.1	2.3	—
MG-420-SW-02	—	—	—	Granite	12-Oct-12	10.0	0.01	0.31	0.02	—	—	6.0	5.7	19	—	0.1	2.3	—
MG-420-SW-03	—	—	—	Granite	12-Oct-12	9.9	0.01	0.31	0.01	—	—	5.0	4.7	16	—	0.1	2.3	—
MG- 420-07-1A	—	—	—	Granite	16-Aug-01	9.0	0.005	0.16	—	—	—	7.0	6.8	45	—	—	—	—
MG- 420-07-2A	—	—	—	Granite	16-Aug-01	9.0	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG- 420-10-1A	—	—	—	Granite	16-Aug-01	8.7	0.01	0.31	—	—	—	5.0	4.7	16	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Misery (continued)																		
MG- 420-10-2A	—	—	—	Granite	16-Aug-01	8.5	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG- 420-13-1A	—	—	—	Granite	1-Oct-01	9.7	0.005	0.16	—	—	—	7.0	6.8	45	—	—	—	—
MG- 420-13-2A	—	—	—	Granite	1-Oct-01	9.3	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG- 420-14-1A	—	—	—	Granite	1-Oct-01	8.7	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG- 420-14-2A	—	—	—	Granite	1-Oct-01	8.6	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG- 420-15-1B	—	—	—	Granite	1-Oct-01	8.5	0.005	0.16	—	—	—	3.0	2.8	19	—	—	—	—
MG- 420-15-2B	—	—	—	Granite	1-Oct-01	8.9	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 420 20 1A	—	—	—	Granite	—	8.4	0.01	0.31	—	—	—	6.0	5.7	19	—	—	—	—
MG 420 20 1B	—	—	—	Granite	—	8.4	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG/S-420-30-1A	—	—	—	Granite	7-Jan-02	9.3	0.01	0.31	0.02	0.02	0.63	10	9.7	32	—	0.1	2.3	—
MG/S-420-30-2A	—	—	—	Granite	7-Jan-02	9.4	0.01	0.31	0.02	0.02	0.63	5.0	4.7	16	—	0.1	2.3	—
MG-420-18-1A	—	—	—	Granite	7-Jan-02	8.9	0.01	0.31	—	—	—	6.0	5.7	19	—	—	—	—
MG-420-18-2A	—	—	—	Granite	7-Jan-02	8.7	0.01	0.31	—	—	—	6.0	5.7	19	—	—	—	—
MG-420-18-1A	—	—	—	Granite	7-Jan-02	8.9	0.01	0.31	—	—	—	6.0	5.7	19	—	—	—	—
MG-420-18-2A	—	—	—	Granite	7-Jan-02	8.7	0.01	0.31	—	—	—	6.0	5.7	19	—	—	—	—
MG-420-24-2A	—	—	—	Granite	7-Jan-02	8.9	0.01	0.31	—	—	—	6.0	5.7	19	—	—	—	—
MG-420-26-1A	—	—	—	Granite	7-Jan-02	9.1	0.02	0.63	—	—	—	9.0	8.4	14	—	—	—	—
MG-420-26-2A	—	—	—	Granite	7-Jan-02	9.2	0.01	0.31	—	—	—	7.0	6.7	22	—	—	—	—
MG-420-27-1A	—	—	—	Granite	7-Jan-02	9.3	0.01	0.31	—	—	—	4.0	3.7	13	—	—	—	—
MG-420-27-2A	—	—	—	Granite	7-Jan-02	8.6	0.01	0.31	—	—	—	6.0	5.7	19	—	—	—	—
MG-420-28-1A	—	—	—	Granite	7-Jan-02	8.9	0.01	0.31	—	—	—	13	13	42	—	—	—	—
MG-420-30-1A	—	—	—	Granite	7-Jan-02	9.3	0.01	0.31	—	—	—	7.0	6.7	22	—	—	—	—
MG-420-30-2A	—	—	—	Granite	7-Jan-02	9.0	0.01	0.31	—	—	—	7.0	6.7	22	—	—	—	—
MG-420-31-1A	—	—	—	Granite	7-Jan-02	9.1	0.02	0.63	—	—	—	5.0	4.4	8	—	—	—	—
MG-420-31-2A	—	—	—	Granite	7-Jan-02	9.0	0.01	0.31	—	—	—	5.0	4.7	16	—	—	—	—
MG-420-36-1A	—	—	—	Granite	7-Jan-02	9.3	0.01	0.31	—	—	—	5.0	4.7	16	—	—	—	—
MG-420-36-2A	—	—	—	Granite	7-Jan-02	9.3	0.01	0.31	—	—	—	5.0	4.7	16	—	—	—	—
MG-410-02-01	—	—	—	Granite	2-Nov-12	9.6	0.01	0.31	0.02	—	—	5.0	4.7	16	—	0.1	2.3	—
MG-410-03-01	—	—	—	Granite	2-Nov-12	9.5	0.02	0.63	0.01	—	—	5.0	4.4	8.0	—	0.1	2.3	—
MG-410-07-01	—	—	—	Granite	8-Dec-12	8.8	0.03	0.94	0.005	—	—	6.0	5.1	6.4	—	0.1	2.3	—
MG 410 04 1A	—	—	—	Granite	—	8.9	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 410 04 1B	—	—	—	Granite	—	9.0	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 410 05 1A	—	—	—	Granite	—	8.7	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Misery (continued)																		
MG 410 05 2A	—	—	—	Granite	—	9.0	0.01	0.31	—	—	—	5.0	4.7	16	—	—	—	—
MG 410 06 1A	—	—	—	Granite	—	8.8	0.02	0.63	—	—	—	6.0	5.4	9.6	—	—	—	—
MG 410 06 1B	—	—	—	Granite	—	8.8	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 410 07 1A	—	—	—	Granite	—	8.7	0.005	0.16	—	—	—	3.0	2.8	19	—	—	—	—
MG 410 07 1B	—	—	—	Granite	—	8.7	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 410 09 1A	—	—	—	Granite	—	8.4	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 410 09 1B	—	—	—	Granite	—	8.3	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 410 10 1A	—	—	—	Granite	—	8.8	0.005	0.16	—	—	—	3.0	2.8	19	—	—	—	—
MG 410 10 1B	—	—	—	Granite	—	8.9	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-410-12-1A	—	—	—	Granite	7-Jan-02	8.2	0.06	1.9	—	—	—	12	10	6.4	—	—	—	—
MG-410-12-2A	—	—	—	Granite	7-Jan-02	8.2	0.02	0.63	—	—	—	5.0	4.4	8.0	—	—	—	—
MG-410-16-1A	—	—	—	Granite	7-Jan-02	9.1	0.01	0.31	—	—	—	4.0	3.7	13	—	—	—	—
MG-410-16-2A	—	—	—	Granite	7-Jan-02	8.7	0.01	0.31	—	—	—	7.0	6.7	22	—	—	—	—
MG-410-16-1A	—	—	—	Granite	7-Jan-02	8.7	0.01	0.31	—	—	—	7.0	6.7	22	—	—	—	—
MG-410-17-1A	—	—	—	Granite	7-Jan-02	8.9	0.01	0.31	—	—	—	5.0	4.7	16	—	—	—	—
MG-410-17-2A	—	—	—	Granite	7-Jan-02	9.1	0.01	0.31	—	—	—	8.0	7.7	26	—	—	—	—
MG-410-19-1A	—	—	—	Granite	3-Apr-02	9.2	0.005	0.16	—	—	—	7.0	6.8	45	—	—	—	—
MG-410-19-2A	—	—	—	Granite	3-Apr-02	8.5	0.02	0.63	—	—	—	12	11	19	—	—	—	—
MG-410-20 1A	—	—	—	Granite	3-Apr-02	8.5	0.03	0.94	—	—	—	6.0	5.1	6.4	—	—	—	—
MG-410-20 2A	—	—	—	Granite	3-Apr-02	8.4	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-410-24 1A	—	—	—	Granite	3-Apr-02	9.2	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-410-24 2A	—	—	—	Granite	3-Apr-02	9.4	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG-410-26 1A	—	—	—	Granite	3-Apr-02	8.4	0.03	0.94	—	—	—	8.0	7.1	8.5	—	—	—	—
MG-410-26 2A	—	—	—	Granite	3-Apr-02	9.3	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-410-28 1A	—	—	—	Granite	3-Apr-02	8.8	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-410-28 2A	—	—	—	Granite	3-Apr-02	8.9	0.05	1.6	—	—	—	9.0	7.4	5.8	—	—	—	—
MG-410-31 1A	—	—	—	Granite	3-Apr-02	9.7	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-410-31 2A	—	—	—	Granite	3-Apr-02	9.3	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-410-32 1A	—	—	—	Granite	3-Apr-02	9.2	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-410-32 2A	—	—	—	Granite	3-Apr-02	9.8	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-410-36 1A	—	—	—	Granite	3-Apr-02	8.8	0.03	0.94	—	—	—	6.0	5.1	6.4	—	—	—	—
MG-410-36 2A	—	—	—	Granite	3-Apr-02	9.4	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Misery (continued)																		
MG-410-38 1A	—	—	—	Granite	3-Apr-02	8.8	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-410-38 2A	—	—	—	Granite	3-Apr-02	9.3	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-410-40 1A	—	—	—	Granite	3-Apr-02	9.0	0.11	3.4	—	—	—	13	9.6	3.8	—	—	—	—
MG-410-40 2A	—	—	—	Granite	3-Apr-02	9.0	0.10	3.1	—	—	—	15	12	4.8	—	—	—	—
MG 400-34 1a	—	—	—	Granite	19-Aug-02	9.2	0.16	5.0	—	—	—	10	5.0	2.0	—	—	—	—
MG 400-34 2a	—	—	—	Granite	19-Aug-02	9.7	0.005	0.16	—	—	—	7.0	6.8	45	—	—	—	—
MG 400-41 1a	—	—	—	Granite	19-Aug-02	9.4	0.01	0.31	—	—	—	5.0	4.7	16	—	—	—	—
MG-400-01-1A	—	—	—	Granite	7-Jan-02	8.6	0.01	0.31	—	—	—	4.0	3.7	13	—	—	—	—
MG-400-01-2A	—	—	—	Granite	7-Jan-02	8.8	0.01	0.31	—	—	—	4.0	3.7	13	—	—	—	—
MG-400-02 1A	—	—	—	Granite	3-Apr-02	8.0	0.01	0.31	—	—	—	5.0	4.7	16	—	—	—	—
MG-400-02 2A	—	—	—	Granite	3-Apr-02	8.4	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-400-03 1A	—	—	—	Granite	3-Apr-02	8.6	0.005	0.16	—	—	—	13	13	83	—	—	—	—
MG-400-03 2A	—	—	—	Granite	3-Apr-02	8.7	0.005	0.16	—	—	—	7.0	6.8	45	—	—	—	—
MG-400-05 1A	—	—	—	Granite	3-Apr-02	9.3	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-400-05 2A	—	—	—	Granite	3-Apr-02	8.9	0.005	0.16	—	—	—	11	11	70	—	—	—	—
MG-400-07 1A	—	—	—	Granite	3-Apr-02	9.5	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-400-07 2A	—	—	—	Granite	3-Apr-02	9.6	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-400-08-1A	—	—	—	Granite	27-May-02	9.1	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-08-2A	—	—	—	Granite	27-May-02	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-09-1A	—	—	—	Granite	27-May-02	8.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-09-2A	—	—	—	Granite	27-May-02	9.0	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-11-1A	—	—	—	Granite	27-May-02	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-11-2A	—	—	—	Granite	27-May-02	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-15-1A	—	—	—	Granite	27-May-02	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-15-2A	—	—	—	Granite	27-May-02	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-21-1A	—	—	—	Granite	27-May-02	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-21-2A	—	—	—	Granite	27-May-02	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-24-1A	—	—	—	Granite	27-May-02	8.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-24-2A	—	—	—	Granite	27-May-02	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-25-2A	—	—	—	Granite	27-May-02	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-31-2A	—	—	—	Granite	27-May-02	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Misery (continued)																		
MG-400-32-1A	—	—	—	Granite	27-May-02	9.0	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-32-2A	—	—	—	Granite	27-May-02	9.0	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-36-1A	—	—	—	Granite	27-May-02	8.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-36-2A	—	—	—	Granite	27-May-02	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-37-1A	—	—	—	Granite	27-May-02	9.0	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-400-37-2A	—	—	—	Granite	27-May-02	8.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG 390-05 1a	—	—	—	Granite	19-Aug-02	9.8	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 390-05 2a	—	—	—	Granite	19-Aug-02	9.9	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 390-06 1a	—	—	—	Granite	19-Aug-02	9.9	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 390-06 2a	—	—	—	Granite	19-Aug-02	9.8	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 390-09 1a	—	—	—	Granite	19-Aug-02	9.7	0.005	0.16	—	—	—	8.0	7.8	51	—	—	—	—
MG 390-09 1a	—	—	—	Granite	19-Aug-02	10.1	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 390-09 2a	—	—	—	Granite	19-Aug-02	9.5	0.005	0.16	—	—	—	8.0	7.8	51	—	—	—	—
MG 390-09 2a	—	—	—	Granite	19-Aug-02	10.1	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 390-10 1a	—	—	—	Granite	19-Aug-02	9.5	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 390-10 2a	—	—	—	Granite	19-Aug-02	9.0	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 390-11G 1a	—	—	—	Granite	19-Aug-02	9.4	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 390-11G 2a	—	—	—	Granite	19-Aug-02	9.3	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 390-13 1a	—	—	—	Granite	19-Aug-02	9.6	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG 390-13 2a	—	—	—	Granite	19-Aug-02	9.8	0.005	0.16	—	—	—	7.0	6.8	45	—	—	—	—
MG 390-14T 1a	—	—	—	Granite	19-Aug-02	8.8	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 390-14T 2a	—	—	—	Granite	19-Aug-02	9.4	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-390-02-1A	—	—	—	Granite	27-May-02	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-390-02-2A	—	—	—	Granite	27-May-02	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-390-03-1A	—	—	—	Granite	27-May-02	8.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-390-03-2A	—	—	—	Granite	27-May-02	9.0	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-390-04-1A	—	—	—	Granite	27-May-02	9.0	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-390-04-2A	—	—	—	Granite	27-May-02	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
MG-390-17-1a	—	—	—	Granite	17-Aug-02	9.8	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-390-17-1a	—	—	—	Granite	17-Aug-02	8.8	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-390-17-2a	—	—	—	Granite	17-Aug-02	9.4	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Misery (continued)																		
MG-390-17-2a	—	—	—	Granite	17-Aug-02	9.3	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-390-20-1a	—	—	—	Granite	17-Aug-02	9.6	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-390-20-2a	—	—	—	Granite	17-Aug-02	9.8	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-390-21-1a	—	—	—	Granite	17-Aug-02	9.6	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-390-21-2a	—	—	—	Granite	17-Aug-02	9.6	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-390-22-1a	—	—	—	Granite	17-Aug-02	9.4	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-390-22-1a	—	—	—	Granite	17-Aug-02	9.5	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-390-22-2a	—	—	—	Granite	17-Aug-02	9.5	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-390-22-2a	—	—	—	Granite	17-Aug-02	9.7	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-390-23T-1a	—	—	—	Granite	17-Aug-02	9.4	0.01	0.31	—	—	—	9.0	8.7	29	—	—	—	—
MG-390-23T-2a	—	—	—	Granite	17-Aug-02	9.1	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 380-10 1a	—	—	—	Granite	19-Aug-02	10.0	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG 380-10 2a	—	—	—	Granite	19-Aug-02	9.8	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 380-14 1a	—	—	—	Granite	19-Aug-02	9.9	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG 380-14 2a	—	—	—	Granite	19-Aug-02	9.9	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-380-16-1a	—	—	—	Granite	4-Sep-02	9.8	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-380-16-2a	—	—	—	Granite	4-Sep-02	9.9	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-380-18-1a	—	—	—	Granite	4-Sep-02	9.5	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-380-18-2a	—	—	—	Granite	4-Sep-02	9.6	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-380-19-1a	—	—	—	Granite	4-Sep-02	9.5	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-380-19-2a	—	—	—	Granite	4-Sep-02	9.5	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-380-23-1A	—	—	—	Granite	24-Sep-02	8.7	0.005	0.16	—	—	—	3.0	2.8	19	—	—	—	—
MG-380-23-2A	—	—	—	Granite	24-Sep-02	9.1	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-380-26-1A	—	—	—	Granite	24-Sep-02	7.8	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-380-26-2A	—	—	—	Granite	24-Sep-02	8.5	0.005	0.16	—	—	—	3.0	2.8	19	—	—	—	—
MG-380-27-1A	—	—	—	Granite	24-Sep-02	8.1	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-380-27-2A	—	—	—	Granite	24-Sep-02	8.0	0.01	0.31	—	—	—	4.0	3.7	13	—	—	—	—
MG-380-29T-1A	—	—	—	Granite	24-Sep-02	8.7	0.04	1.3	—	—	—	7.0	5.8	5.6	—	—	—	—
MG-380-31T-1A	—	—	—	Granite	24-Sep-02	9.0	0.005	0.16	—	—	—	7.0	6.8	45	—	—	—	—
MG-380-31T-2A	—	—	—	Granite	24-Sep-02	9.3	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MG-370-06-1	—	—	—	Granite	19-Sep-03	8.8	0.01	0.31	—	—	—	5.0	4.7	16	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Misery (continued)																		
MG-370-06-2	—	—	—	Granite	19-Sep-03	8.7	0.01	0.31	—	—	—	5.0	4.7	16	—	—	—	—
MG-370-24-B	—	—	—	Granite	30-May-03	6.5	0.11	3.4	—	—	—	2.0	-1.4	0.58	—	—	—	—
MG-360-28-1	—	—	—	Granite	30-Aug-04	8.2	0.02	0.63	—	—	—	8.0	7.4	13	—	—	—	—
MG-360-28-2	—	—	—	Granite	30-Aug-04	8.8	0.01	0.31	—	—	—	6.0	5.7	19	—	—	—	—
MG-360-31-1	—	—	—	Granite	19-Sep-04	8.5	0.01	0.31	—	—	—	5.0	4.7	16	—	—	—	—
MG-360-31-2	—	—	—	Granite	19-Sep-04	9.0	0.01	0.31	—	—	—	5.0	4.7	16	—	—	—	—
MG-350-35-1	—	—	—	Granite	28-Aug-04	8.3	0.14	4.4	—	—	—	6.0	1.6	1.4	—	—	—	—
MG-350-35-2	—	—	—	Granite	28-Aug-04	8.7	0.12	3.8	—	—	—	7.0	3.3	1.9	—	—	—	—
MG-340-23-02 10-DEC-04	—	—	—	Granite	10-Dec-04	8.4	0.01	0.31	—	—	—	7.0	6.7	22	—	—	—	—
MG-340-23-01 10-DEC-04	—	—	—	Granite	10-Dec-04	8.6	0.03	0.94	—	—	—	324	323	346	—	—	—	—
MG-330-19-02 27-DEC-04	—	—	—	Granite	27-Dec-04	7.8	0.01	0.31	—	—	—	6.0	5.7	19	—	—	—	—
MG-330-19-01 27-DEC-04	—	—	—	Granite	27-Dec-04	8.0	0.01	0.31	—	—	—	6.0	5.7	19	—	—	—	—
MG-330-18-02 26-DEC-04	—	—	—	Granite	26-Dec-04	8.2	0.09	2.8	—	—	—	56	53	20	—	—	—	—
MG-330-18-01 26-DEC-04	—	—	—	Granite	26-Dec-04	7.7	0.01	0.31	—	—	—	7.0	6.7	22	—	—	—	—
MG-320-31-02 15-JAN-05	—	—	—	Granite	15-Jan-05	9.3	0.005	0.16	—	—	—	9.0	8.8	58	—	—	—	—
MG-320-31-01 15-JAN-05	—	—	—	Granite	15-Jan-05	8.9	0.15	4.7	—	—	—	41	36	8.7	—	—	—	—
MG-320-30-02 11-JAN-05	—	—	—	Granite	11-Jan-05	8.9	0.03	0.94	—	—	—	35	34	37	—	—	—	—
MG-320-30-01 11-JAN-05	—	—	—	Granite	11-Jan-05	8.9	0.06	1.9	—	—	—	28	26	15	—	—	—	—
MG-320-29-02 5-FEB-05	—	—	—	Granite	5-Feb-05	8.3	0.42	13	—	—	—	331	318	25	—	—	—	—
MG-320-29-01 5-FEB-05	—	—	—	Granite	5-Feb-05	8.3	0.30	9.4	—	—	—	84	75	9.0	—	—	—	—
MG-320-25-04 1-JAN-05	—	—	—	Granite	1-Jan-05	7.6	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-320-25-03 1-JAN-05	—	—	—	Granite	1-Jan-05	7.6	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG-320-25-02 1-JAN-05	—	—	—	Granite	1-Jan-05	8.5	0.01	0.31	—	—	—	155	155	496	—	—	—	—
MG-320-25-01 1-JAN-05	—	—	—	Granite	1-Jan-05	8.6	0.02	0.63	—	—	—	237	236	379	—	—	—	—
MG-320-20-02 18-DEC-04	—	—	—	Granite	18-Dec-04	7.8	0.15	4.7	—	—	—	10	5.3	2.1	—	—	—	—
MG-320-20-01 18-DEC-04	—	—	—	Granite	18-Dec-04	8.1	0.18	5.6	—	—	—	10	4.4	1.8	—	—	—	—
MG-310-10-02 20-FEB-05	—	—	—	Granite	20-Feb-05	9.3	0.02	0.63	—	—	—	25	24	40	—	—	—	—
MG-310-10-01 20-FEB-05	—	—	—	Granite	20-Feb-05	9.7	0.01	0.31	—	—	—	7.0	6.7	22	—	—	—	—
MG-310-09-02 20-FEB-05	—	—	—	Granite	20-Feb-05	9.3	0.13	4.1	—	—	—	9.0	4.9	2.2	—	—	—	—
MG-310-09-01 20-FEB-05	—	—	—	Granite	20-Feb-05	9.5	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG-310-07-02 15-FEB-05	—	—	—	Granite	15-Feb-05	9.5	0.005	0.16	—	—	—	9.0	8.8	58	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Misery (continued)																		
MG-310-07-01 15-FEB-05	—	—	—	Granite	15-Feb-05	9.1	0.02	0.63	—	—	—	17	16	27	—	—	—	—
MG-300-13-06 25-Mar-05	—	—	—	Granite	25-Mar-05	9.0	0.04	1.3	—	—	—	23	22	18	—	—	—	—
MG-300-13-05 25-Mar-05	—	—	—	Granite	25-Mar-05	8.6	0.12	3.8	—	—	—	39	35	10	—	—	—	—
MG-300-13-04 25-Mar-05	—	—	—	Granite	25-Mar-05	9.4	0.02	0.63	—	—	—	12	11	19	—	—	—	—
MG-300-13-03 25-Mar-05	—	—	—	Granite	25-Mar-05	9.7	0.01	0.31	—	—	—	7.0	6.7	22	—	—	—	—
MG-300-13-02 25-Mar-05	—	—	—	Granite	25-Mar-05	8.5	0.18	5.6	—	—	—	52	46	9.2	—	—	—	—
MG-300-13-01 25-Mar-05	—	—	—	Granite	25-Mar-05	8.6	0.13	4.1	—	—	—	37	33	9.1	—	—	—	—
MG-290-10-04 31-Mar-05	—	—	—	Granite	31-Mar-05	9.7	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-290-10-03 31-Mar-05	—	—	—	Granite	31-Mar-05	9.7	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-290-10-02 31-Mar-05	—	—	—	Granite	31-Mar-05	9.6	0.005	0.16	—	—	—	5.0	4.8	32	—	—	—	—
MG-290-10-01 31-Mar-05	—	—	—	Granite	31-Mar-05	9.5	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MGT-39 100-103	—	—	—	Granite	2009	9.8	0.01	0.31	0.005	—	—	—	—	—	—	0.07	1.6	—
MGT-39 200-203	—	—	—	Granite	2009	9.6	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
MGT-49 58.28-60.08	—	—	—	Granite	2009	9.4	0.05	1.6	0.005	—	—	—	—	—	—	0.16	3.6	—
MGT-49 65.82-67.00	—	—	—	Granite	2009	9.7	0.01	0.31	0.005	—	—	—	—	—	—	0.08	1.8	—
MGT-69 7.3-9.5	—	—	—	Granite	2009	9.3	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
MGT-69 166-169	—	—	—	Granite	2009	9.3	0.01	0.31	0.005	—	—	—	—	—	—	0.3	6.8	—
MGT-44 213-216	—	—	—	Granite	2009	9.5	0.06	1.9	0.005	—	—	—	—	—	—	0.05	1.1	—
MG 450-39-1AAA	—	—	—	Granite	5-Feb-01	8.3	0.005	0.16	—	—	—	10	9.8	64	—	—	—	—
MG-440-70-1A	—	—	—	Granite	7-Jan-02	8.9	0.08	2.5	0.005	0.08	2.5	11	8.5	4.4	—	0.1	2.3	—
MG-440-70-2A	—	—	—	Granite	7-Jan-02	8.4	0.10	3.1	0.005	0.12	3.8	15	12	4.8	—	0.1	2.3	—
MG/D-410-41 -1A	—	—	—	Granite	3-Apr-02	9.1	0.02	0.63	0.005	0.01	0.31	10	9.4	16	—	0.3	6.8	—
MG/D-410-41 -2A	—	—	—	Granite	3-Apr-02	9.4	0.01	0.31	0.005	0.005	0.16	6.0	5.7	19	—	0.1	2.3	—
MG-380-29T-2A	—	—	—	Granite	24-Sep-02	8.7	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MGT-60 35-38	—	—	—	Granite	2009	9.6	0.01	0.31	0.005	—	—	—	—	—	—	0.05	1.1	—
MGT-63 220-223	—	—	—	Granite	2009	9.2	0.11	3.4	0.005	—	—	—	—	—	—	0.81	18	—
MGT-66 55-58	—	—	—	Granite	2009	9.8	0.02	0.63	0.005	—	—	—	—	—	—	0.48	11	—
MGT-66 76-79	—	—	—	Granite	2009	9.8	0.01	0.31	0.005	—	—	—	—	—	—	0.03	0.68	—
MGT-70 15-18	—	—	—	Granite	2009	9.6	0.01	0.31	0.005	—	—	—	—	—	—	0.03	0.68	—
MGT-70 33-36	—	—	—	Granite	2009	9.7	0.01	0.31	0.005	—	—	—	—	—	—	0.02	0.45	—
MGT-70 51-54	—	—	—	Granite	2009	9.7	0.01	0.31	0.005	—	—	—	—	—	—	0.03	0.68	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Misery (continued)																		
MGT-70 69-72	—	—	—	Granite	2009	9.8	0.01	0.31	0.005	—	—	—	—	—	—	0.03	0.68	—
MGT-51 174-177	—	—	—	Granite	2009	9.6	0.01	0.31	0.005	—	—	—	—	—	—	0.07	1.6	—
MGT-52 50-53	—	—	—	Granite	2009	9.3	0.01	0.31	0.005	—	—	—	—	—	—	0.01	0.23	—
MGT-52 57-60	—	—	—	Granite	2009	9.3	0.01	0.31	0.005	—	—	—	—	—	—	0.03	0.68	—
MGT-52 150-153	—	—	—	Granite	2009	9.6	0.01	0.31	0.005	—	—	—	—	—	—	0.03	0.68	—
MGT-52 157-160	—	—	—	Granite	2009	9.5	0.01	0.31	0.005	—	—	—	—	—	—	0.03	0.68	—
MGT-52 250-253	—	—	—	Granite	2009	9.4	0.01	0.31	0.005	—	—	—	—	—	—	0.04	0.91	—
MGT-52 257-260	—	—	—	Granite	2009	9.4	0.01	0.31	0.005	—	—	—	—	—	—	0.03	0.68	—
MGT-54 240-243	—	—	—	Granite	2009	9.3	0.01	0.31	0.005	—	—	—	—	—	—	0.04	0.91	—
MGT-54 247-250	—	—	—	Granite	2009	9.4	0.01	0.31	0.005	—	—	—	—	—	—	0.04	0.91	—
MDC-4 41.14	—	—	—	Granite	2001	8.9	0.005	0.16	0.005	0.005	0.16	5.0	4.8	32	—	0.1	2.3	—
MDC-4 45.8	—	—	—	Granite	2001	9.4	0.03	0.94	0.005	0.04	1.3	10	9.1	11	—	0.1	2.3	—
MDC-6 54.5	—	—	—	Granite	2001	9.4	0.14	4.4	0.005	0.15	4.7	10	5.6	2.3	—	0.1	2.3	—
MDC-8 106.45	—	—	—	Granite	2001	9.5	0.08	2.5	0.005	0.09	2.8	10	7.5	4.0	—	0.1	2.3	—
MG- 450-49-1A	—	—	—	Granite	11-May-01	8.4	0.02	0.63	—	—	—	8.0	7.4	13	—	—	—	—
MG 440-01 1A	—	—	—	Granite	—	7.7	0.005	0.16	—	—	—	6.0	5.8	38	—	—	—	—
MG- 430-11-1A	—	—	—	Granite	11-May-01	8.7	0.12	3.8	—	—	—	12	8.3	3.2	—	—	—	—
MG- 430-13-1A	—	—	—	Granite	11-May-01	9.0	0.18	5.6	—	—	—	13	7.4	2.3	—	—	—	—
MG- 430-13-2A	—	—	—	Granite	11-May-01	8.7	0.19	5.9	—	—	—	17	11	2.9	—	—	—	—
MG- 430-13-3A	—	—	—	Granite	11-May-01	8.9	0.28	8.8	—	—	—	15	6.3	1.7	—	—	—	—
MG-420-24-1A	—	—	—	Granite	7-Jan-02	8.5	0.23	7.2	—	—	—	11	3.8	1.5	—	—	—	—
MG-420-25/26-1A	—	—	—	Granite	7-Jan-02	9.2	0.14	4.4	0.01	0.17	5.3	10	5.6	2.3	—	0.1	2.3	—
MG-420-25/26-2A	—	—	—	Granite	7-Jan-02	8.9	0.11	3.4	0.005	0.12	3.8	11	7.6	3.2	—	0.1	2.3	—
MG-420-28-2A	—	—	—	Granite	7-Jan-02	8.1	0.19	5.9	—	—	—	10	4.1	1.7	—	—	—	—
MG-400-25-1A	—	—	—	Granite	27-May-02	8.8	0.22	6.9	—	—	—	—	—	—	—	—	—	—
MG-400-31-1A	—	—	—	Granite	27-May-02	8.9	0.21	6.6	—	—	—	—	—	—	—	—	—	—
MGS-360-18-01	—	—	—	Granite	26-Jul-04	9.2	0.18	5.6	0.02	—	—	3.0	-2.6	0.53	—	0.1	2.3	—
MGS-360-18-02	—	—	—	Granite	26-Jul-04	9.3	0.15	4.7	0.02	—	—	5.0	0.31	1.1	—	0.1	2.3	—
MDC-4 64.69	—	—	—	Granite	2001	9.4	0.10	3.1	0.005	0.11	3.4	7.0	3.9	2.2	—	0.1	2.3	—
MS G 420 19 1A	—	—	—	Granite	—	9.0	0.005	0.16	0.01	0.02	0.63	4.0	3.8	26	—	0.1	2.3	—
MS G 420 19 1B	—	—	—	Granite	—	8.8	0.005	0.16	0.005	0.01	0.31	3.0	2.8	19	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Misery (continued)																		
MS G 410 03 1A	—	—	—	Granite	—	9.0	0.11	3.4	0.01	0.07	2.2	8.0	4.6	2.3	—	0.1	2.3	—
MS G 410 03 1B	—	—	—	Granite	—	8.9	0.13	4.1	0.005	0.09	2.8	7.0	2.9	1.7	—	0.1	2.3	—
MS/G-410-27 1A	—	—	—	Granite	3-Apr-02	8.9	0.11	3.4	0.005	0.09	2.8	8.0	4.6	2.3	—	0.1	2.3	—
MS/G-410-27 2A	—	—	—	Granite	3-Apr-02	8.8	0.13	4.1	0.005	0.09	2.8	10	5.9	2.5	—	0.1	2.3	—
MS 400-38 1a	—	—	—	Granite	19-Aug-02	9.5	0.14	4.4	0.005	0.12	3.8	16	12	3.7	—	0.1	2.3	—
MS 400-38 2a	—	—	—	Granite	19-Aug-02	9.6	0.08	2.5	0.01	0.05	1.6	14	12	5.6	—	0.1	2.3	—
MGT-49 171.23-173.14	—	—	—	Granite	2009	9.4	0.07	2.2	0.005	—	—	2.2	0.01	1.0	—	0.11	2.5	—
MGT-51 184-187	—	—	—	Granite	2009	9.6	0.01	0.31	0.005	—	—	2.2	1.9	7.0	—	0.08	1.8	—
MGT-52 125.26-126.8	—	—	—	Granite	2009	9.4	0.01	0.31	0.005	—	—	1.6	1.3	5.1	—	0.03	0.68	—
MGT-52 137.8-139.3	—	—	—	Granite	2009	9.6	0.01	0.31	0.005	—	—	1.2	0.89	3.8	—	0.05	1.1	—
MGT-56 38-41	—	—	—	Granite	2009	8.9	0.04	1.3	0.005	—	—	24	23	19	—	1.1	24	—
MCH-3 - 80.47	MCH-3	80.47	106.07	Granite	30-Dec-07	9.2	0.005	0.16	0.005	0.000	—	0.0	-0.16	0.0	—	—	—	—
MCH-3 - 106.07	MCH-3	106.07	139.6	Granite	30-Dec-07	9.3	0.01	0.31	0.005	0.005	0.16	0.0	-0.31	0.0	—	—	—	—
MCH-3 - 145.08	MCH-3	145.08	164.59	Granite	30-Dec-07	9.5	0.005	0.16	0.005	0.000	—	0.0	-0.16	0.0	—	—	—	—
MCH-3 - 168.25	MCH-3	168.25	188.37	Granite	30-Dec-07	9.4	0.005	0.16	0.005	0.000	—	0.0	-0.16	0.0	—	—	—	—
MCH-3 - 188.37	MCH-3	188.37	221.89	Granite	30-Dec-07	9.6	0.005	0.16	0.005	0.000	—	0.0	-0.16	0.0	—	—	—	—
MCH-3 - 221.89	MCH-3	221.89	245.97	Granite	30-Dec-07	9.4	0.005	0.16	0.005	0.000	—	0.0	-0.16	0.0	—	—	—	—
MGT-01 - 167.2	MGT-01	167.2	177	Granite	30-Dec-07	9.1	0.01	0.31	0.01	0.01	0.31	3.0	2.7	9.6	—	—	—	—
MGT-02 - 145	MGT-02	145	155	Granite	30-Dec-07	9.5	0.01	0.31	0.01	0.01	0.31	2.0	1.7	6.4	—	—	—	—
MGT-05 - 152	MGT-05	152	152.3	Granite	30-Dec-07	8.9	0.01	0.31	0.01	0.01	0.31	4.0	3.7	13	—	—	—	—
MGT-06 - 35	MGT-06	35	35.3	Granite	30-Dec-07	9.5	0.01	0.31	0.01	0.01	0.31	3.0	2.7	9.6	—	—	—	—
Median						9.1	0.005	0.16	0.005	0.01	0.63	5.0	4.8	26	—	0.1	2.3	—
Minimum						6.5	0.005	0.16	0.005	0.000	0.16	0.0	-2.6	0.0	—	0.01	0.23	—
Maximum						10.1	0.42	13	0.03	0.17	5.3	331	323	496	—	1.1	24	—
Count						380	380	380	86	43	38	328	328	328	0	76	76	—
Panda																		
PG-210-12-1	—	—	—	Granite	12-Nov-03	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PG-210-12-2	—	—	—	Granite	12-Nov-03	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PG-210-08-1	—	—	—	Granite	12-Nov-03	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PG-210-08-2	—	—	—	Granite	12-Nov-03	9.3	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PPW-210-06-1	—	—	—	Granite	19-Jun-03	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Panda (continued)																		
PPW-210-06-2	—	—	—	Granite	19-Jun-03	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-195-10-1	—	—	—	Granite	19-Jun-03	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-195-10-2	—	—	—	Granite	19-Jun-03	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
Panda-UG-Granite	—	—	—	Granite	—	9.3	0.08	2.5	—	—	—	—	—	—	—	—	—	—
PDC-02 - 145	PDC-02	145	145.3	Granite	30-Dec-07	9.8	0.005	0.16	0.005	0.000	—	1.8	1.6	12	—	—	—	—
PDC-02 - 395	PDC-02	395	395.3	Granite	30-Dec-07	9.8	0.05	1.6	0.005	0.05	1.4	6.3	4.7	4.0	—	—	—	—
PDC-03 - 130	PDC-03	130	130.3	Granite	30-Dec-07	9.9	0.005	0.16	0.005	0.000	—	2.1	1.9	13	—	—	—	—
PDC-04 - 66	PDC-04	66	66.3	Granite	30-Dec-07	9.9	0.02	0.63	0.005	0.02	0.47	3.7	3.1	5.9	—	—	—	—
PDC-06 - 200	PDC-06	200	200.3	Granite	30-Dec-07	9.9	0.05	1.6	0.005	0.05	1.4	5.5	3.9	3.5	—	—	—	—
PGT-01 - 176	PGT-01	176	176.3	Granite	30-Dec-07	9.5	0.01	0.31	0.01	0.01	0.31	11	11	35	—	—	—	—
PGT-02 - 193	PGT-02	193	193.3	Granite	30-Dec-07	9.4	0.01	0.31	0.01	0.01	0.31	10	9.7	32	—	—	—	—
PGT-02 - 204.7	PGT-02	204.7	205	Granite	30-Dec-07	9.1	0.01	0.31	0.01	0.01	0.31	4.0	3.7	13	—	—	—	—
PGT-03 - 60	PGT-03	60	60.3	Granite	30-Dec-07	9.8	0.01	0.31	0.01	0.01	0.31	5.0	4.7	16	—	—	—	—
PGT-03 - 203	PGT-03	203	203.3	Granite	30-Dec-07	9.8	0.01	0.31	0.01	0.01	0.31	10	9.7	32	—	—	—	—
PGT-04 - 183	PGT-04	183	183.3	Granite	30-Dec-07	9.8	0.01	0.31	0.01	0.01	0.31	9.0	8.7	29	—	—	—	—
PGT-05 - 154	PGT-05	154	154.3	Granite	30-Dec-07	9.7	0.02	0.63	0.01	0.02	0.63	11	10	18	—	—	—	—
PUCl-5 - 197	PUCl-5	197	197.3	Granite	30-Dec-07	10.0	0.05	1.6	0.005	0.05	1.4	14	12	8.6	—	—	—	—
Decline - 60.5	Decline	60.5	60.6	Granite	30-Dec-07	9.4	0.05	1.6	0.07	0.005	0.16	0.0	-1.6	0.0	—	—	—	—
Decline - 96.5	Decline	96.5	96.6	Granite	30-Dec-07	9.2	0.017	0.53	0.005	0.02	0.63	3.0	2.5	5.6	—	—	—	—
Decline - 147	Decline	147	147.1	Granite	30-Dec-07	9.7	0.006	0.19	0.005	0.005	0.16	6.0	5.8	32	—	—	—	—
Decline - 195.2	Decline	195.2	195.3	Granite	30-Dec-07	8.6	0.006	0.19	0.005	0.02	0.63	0.0	-0.19	0.0	—	—	—	—
Decline - 245.2	Decline	245.2	245.3	Granite	30-Dec-07	9.4	0.006	0.19	0.005	0.005	0.16	4.0	3.8	21	—	—	—	—
Decline - 297.8	Decline	297.8	297.9	Granite	30-Dec-07	9.7	0.001	0.03	0.005	0.005	0.16	2.0	2.0	64	—	—	—	—
Median						9.6	0.0135	0.42	0.005	0.01	0.31	5.0	3.9	13	—	—	—	—
Minimum						8.6	0.001	0.03	0.005	0.000	0.16	0.0	-1.6	0.0	—	—	—	—
Maximum						10.0	0.08	2.5	0.07	0.05	1.4	14	12	64	—	—	—	—
Count						28	28	28	19	19	17	19	19	19	0	0	0	—
Pigeon																		
97-54	97-54	188.69	189.09	Granite	2000	9.7	0.005	0.16	0.005	0.005	0.16	4.6	4.4	29	—	—	—	—
97-54	97-54	373.1	373.38	Granite	2000	9.7	0.005	0.16	0.005	0.005	0.16	4.0	3.8	26	—	—	—	—
97-55	97-55	295.01	295.75	Granite	2000	9.8	0.005	0.16	0.005	0.005	0.16	5.4	5.2	35	0.005	—	0.42	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Pigeon (continued)																		
97-55	97-55	56	56.59	Granite	2000	9.5	0.02	0.63	0.005	0.02	0.63	3.4	2.8	5.4	—	—	—	—
HC-Pdef-6	—	—	—	Granite	13-Sep-12	9.6	0.01	0.31	0.005	0.01	0.31	8.0	7.7	26	0.025	0.1	2.1	—
HC-Pdef-7	—	—	—	Granite	13-Sep-12	9.0	0.005	0.16	0.005	0.005	0.16	9.0	8.8	58	0.025	0.1	2.1	—
HC-Pdef-12	—	—	—	Granite	13-Sep-12	9.0	0.02	0.63	0.01	0.01	0.31	7.0	6.4	11	0.025	0.1	2.1	—
HC-PDef-17	—	—	—	Granite	13-Sep-12	9.5	0.02	0.63	0.005	0.02	0.63	8.0	7.4	13	0.025	0.1	2.1	—
HC-PDef-24	—	—	—	Granite	13-Sep-12	9.2	0.07	2.2	0.005	0.07	2.2	8.0	5.8	3.7	0.025	0.1	2.1	—
HC-PDef-25	—	—	—	Granite	13-Sep-12	9.3	0.04	1.3	0.005	0.04	1.3	13	12	10	0.07	0.3	5.8	—
HC-PDef-27	—	—	—	Granite	13-Sep-12	9.9	0.02	0.63	0.005	0.02	0.63	9.0	8.4	14	0.025	0.1	2.1	—
HC-PDef-29	—	—	—	Granite	13-Sep-12	10.0	0.02	0.63	0.005	0.02	0.63	10	9.4	16	0.025	0.1	2.1	—
HC-PDef-30	—	—	—	Granite	13-Sep-12	9.7	0.04	1.3	0.01	0.03	0.94	10	8.8	8.0	0.025	0.1	2.1	—
HC-PDef-33	—	—	—	Granite	16-Sep-12	9.3	0.03	0.94	0.005	0.03	0.94	7.0	6.1	7.5	0.025	0.1	2.1	—
HC-PDef-34	—	—	—	Granite	17-Sep-12	9.0	0.11	3.4	0.01	0.10	3.1	7.0	3.6	2.0	0.025	0.2	2.1	—
Median						9.5	0.02	0.63	0.005	0.02	0.63	8.0	6.4	13	0.025	0.1	2.1	—
Minimum						9.0	0.005	0.16	0.005	0.005	0.16	3.4	2.8	2.0	0.005	0.1	0.42	—
Maximum						10.0	0.11	3.4	0.01	0.10	3.1	13	12	58	0.07	0.3	5.8	—
Count						15	15	15	15	15	15	15	15	15	12	11	12	—
Sable																		—
SDC-07	SDC-07	152.3	152.73	Granite	2003	7.5	0.30	9.4	0.005	0.30	9.4	2.6	-6.8	0.28	—	—	—	—
SDC-02	SDC-02	48.58	49.28	Granite	2003	9.1	0.005	0.16	0.005	0.05	1.6	0.8	0.64	5.1	—	—	—	—
SDC-05	SDC-05	152	152.5	Granite	2003	9.8	0.06	1.9	0.005	0.06	1.9	1.9	0.02	1.0	—	—	—	—
SDC-07	SDC-07	150.37	150.6	Granite	2003	9.7	0.01	0.31	0.005	0.01	0.31	1.6	1.3	5.1	—	—	—	—
SDC-07	SDC-07	91.35	91.8	Granite	2003	9.7	0.01	0.31	0.005	0.01	0.31	3.3	3.0	11	—	—	—	—
SDC-04	SDC-04	47.5	47.5	Granite	2003	9.6	0.005	0.16	0.005	0.005	0.16	0.9	0.74	5.8	—	—	—	—
SDC-12	SDC-12	11.28	11.68	Granite	2003	9.3	0.005	0.16	0.005	0.005	0.16	0.9	0.74	5.8	—	—	—	—
SDC-07	SDC-07	113	113.3	Granite	2003	9.6	0.005	0.16	0.005	0.005	0.16	1.0	0.84	6.4	0.005	—	0.42	—
SDC-04	SDC-04	47	47.3	Granite	2003	9.7	0.005	0.16	0.005	0.005	0.16	1.1	0.94	7.0	—	—	—	—
SDC-02	SDC-02	56	56.3	Granite	2003	9.5	0.005	0.16	0.005	0.005	0.16	1.1	0.94	7.0	—	—	—	—
SDC-11	SDC-11	52	52	Granite	2003	9.7	0.005	0.16	0.005	0.005	0.16	1.6	1.4	10	—	—	—	—
SDC-12	SDC-12	88.89	89.259	Granite	2003	9.7	0.005	0.16	0.005	0.005	0.16	1.8	1.6	12	—	—	—	—
SDC-13	SDC-13	37.52	37.79	Granite	2003	9.7	0.005	0.16	0.005	0.005	0.16	1.9	1.7	12	—	—	—	—
SDC-12	SDC-12	186.64	187.04	Granite	2003	9.4	0.005	0.16	0.005	0.005	0.16	2.1	1.9	13	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Sable (continued)																		
SDC-02	SDC-02	20.5	20.5	Granite	2003	9.2	0.005	0.16	0.005	0.005	0.16	2.3	2.1	15	—	—	—	—
SDC-03	SDC-03	26	26.3	Granite	2003	9.7	0.005	0.16	0.005	0.005	0.16	2.3	2.1	15	—	—	—	—
SDC-13	SDC-13	154.64	154.89	Granite	2003	9.2	0.005	0.16	0.005	0.005	0.16	2.3	2.1	15	—	—	—	—
SDC-12	SDC-12	303.89	304.39	Granite	2003	9.8	0.005	0.16	0.005	0.005	0.16	3.4	3.2	22	—	—	—	—
SDC-08	SDC-08	54.1	54.43	Granite	2003	9.4	0.005	0.16	0.005	0.005	0.16	4.0	3.8	26	—	—	—	—
SDC-13	SDC-13	106.58	1,069.89	Granite	2003	10.0	0.16	5.0	0.005	0.16	5.0	3.5	-1.5	0.70	—	—	—	—
SDC-05	SDC-05	233.9	234.17	Granite	2003	9.5	0.02	0.63	0.005	0.02	0.63	3.9	3.3	6.2	—	—	—	—
SDC-05	SDC-05	224	224.23	Granite	2003	9.8	0.03	0.94	0.005	0.03	0.94	2.6	1.7	2.8	—	—	—	—
SDC-07	SDC-07	114.32	144.68	Granite	2003	9.2	0.06	1.9	0.005	0.06	1.9	6.3	4.4	3.4	—	—	—	—
SDC-12	SDC-12	386.18	386.58	Granite	2003	9.6	0.12	3.8	0.005	0.12	3.8	13	9.1	3.4	0.08	—	6.7	—
SDC-07	SDC-07	157.03	157.42	Granite	2003	9.8	0.05	1.6	0.005	0.05	1.6	3.5	1.9	2.2	—	—	—	—
SDC-06	SDC-06	117.93	118.36	Granite	2003	9.8	0.05	1.6	0.005	0.05	1.6	4.9	3.3	3.1	—	—	—	—
SDC-04	SDC-04	77	77.42	Granite	2003	9.4	0.01	0.31	0.005	0.01	0.31	1.1	0.79	3.5	—	—	—	—
SDC-13	SDC-13	30.14	30.45	Granite	2003	9.4	0.03	0.94	0.005	0.03	0.94	5.8	4.9	6.2	—	—	—	—
SDC-13	SDC-13	96.97	97.23	Granite	2003	9.5	0.02	0.63	0.005	0.02	0.63	6.1	5.5	9.8	—	—	—	—
SDC-05	SDC-05	98.73	98.88	Granite	2003	9.5	0.005	0.16	0.005	0.005	0.16	1.0	0.84	6.4	—	—	—	—
SDC-11	SDC-11	36.95	37.27	Granite	2003	9.9	0.005	0.16	0.005	0.005	0.16	1.9	1.7	12	—	—	—	—
SDC-05	SDC-05	17	17.31	Granite	2003	9.8	0.005	0.16	0.005	0.005	0.16	3.0	2.8	19	—	—	—	—
SDC-13	SDC-13	199.96	200.25	Granite	2003	9.8	0.005	0.16	0.005	0.005	0.16	4.9	4.7	31	—	—	—	—
SDC-08	SDC-08	88.38	89	Granite	2003	9.2	0.005	0.16	0.005	0.005	0.16	5.0	4.8	32	0.005	—	0.42	—
SDC-04	SDC-04	83	83.35	Granite	2003	10.1	0.005	0.16	0.005	0.005	0.16	4.3	4.1	28	—	—	—	—
SDC-08	SDC-08	90.78	91.39	Granite	2003	9.2	0.07	2.2	0.005	0.07	2.2	5.3	3.1	2.4	—	—	—	—
SDC-07	SDC-07	114.7	115.6	Granite	2003	9.5	0.08	2.5	0.005	0.80	25	2.9	0.37	1.1	0.005	—	0.42	—
SDC-01	SDC-01	68.5	68.9	Granite	2003	9.0	0.03	0.94	0.005	0.03	0.94	2.0	1.1	2.1	—	—	—	—
SDC-06	SDC-06	36.7	37.32	Granite	2003	9.5	0.005	0.16	0.005	0.005	0.16	1.4	1.2	9.0	—	—	—	—
SCD-05	SCD-05	151.23	151.75	Granite	2003	10.0	0.09	2.8	0.005	0.09	2.8	3.5	0.69	1.2	—	—	—	—
SDC-11	SDC-11	55.6	56	Granite	2003	9.6	0.005	0.16	0.005	0.005	0.16	2.4	2.2	15	—	—	—	—
Median						9.6	0.005	0.16	0.005	0.005	0.16	2.4	1.7	6.4	0.005	—	0.42	—
Minimum						7.5	0.005	0.16	0.005	0.005	0.16	0.8	-6.8	0.28	0.005	—	0.42	—
Maximum						10.1	0.30	9.4	0.005	0.80	25	13	9.1	32	0.08	—	6.7	—
Count						41	41	41	41	41	41	41	41	41	4	0	4	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Jay																		
2014-DD-021	JGT-04	275	285	Granite	2014	9.5	0.0025	0.1	0.005	0.01	0.2	3.0	3.0	38.40	0.005	—	0.4	5
2014-DD-003	JGT-04	53	57.25	Granite	2014	8.59	0.0025	0.078125	0.005	0.005	0.2	1.8	1.8	23.04	0.005	—	0.4	5.19
2014-DD-004	JGT-04	61	71	Granite	2014	8.08	0.122	3.8125	0.005	0.07	2.2	3.9	1.7	1.02	0.005	—	0.4	4.83
2014-DD-023	JGT-05	16.44	20.77	Granite	2014	8.49	0.0025	0.078125	0.005	0.005	0.2	1.6	1.6	20.48	0.005	—	0.4	4.84
2014-DD-024	JGT-05	35.74	44.77	Granite	2014	9.21	0.0025	0.078125	0.005	0.005	0.2	3.3	3.3	42.24	0.005	—	0.4	5.06
2014-DD-025	JGT-05	71.79	79.86	Granite	2014	9.32	0.0025	0.078125	0.005	0.005	0.2	2.8	2.8	35.84	0.005	—	0.4	4.94
2014-DD-026	JGT-05	101.77	110.98	Granite	2014	9.30	0.0025	0.078125	0.005	0.005	0.2	2.9	2.9	37.12	0.005	—	0.4	5.22
2014-DD-027	JGT-05	131	139.1	Granite	2014	9.47	0.0025	0.078125	0.005	0.005	0.2	3.3	3.3	42.24	0.005	—	0.4	5.02
2014-DD-028	JGT-05	161.34	172.88	Granite	2014	9.49	0.0025	0.078125	0.005	0.005	0.2	3.8	3.8	48.64	0.005	—	0.4	4.96
2014-DD-029	JGT-05	198.88	206.77	Granite	2014	9.46	0.0025	0.078125	0.005	0.005	0.2	2.0	2.0	25.6	0.005	—	0.4	5.63
2014-DD-030	JGT-05	233.04	241.73	Granite	2014	9.54	0.0025	0.078125	0.005	0.005	0.2	2.1	2.1	26.88	0.005	—	0.4	5.50
2014-DD-031	JGT-05	259.49	268.27	Granite	2014	9.51	0.007	0.21875	0.005	0.005	0.2	3.1	3.1	14.17143	0.005	—	0.4	5.15
2014-DD-032	JGT-05	276.96	281.55	Granite	2014	9.50	0.12	3.75	0.005	0.06	1.9	7.0	5.1	1.87	0.01	—	0.8	4.71
2014-DD-038	JGT-03	433.32	441.89	Granite	2014	9.23	0.0025	0.078125	0.005	0.005	0.2	2.5	2.5	32	0.005	—	0.4	5.41
2014-DD-039	JGT-03	404.73	413.48	Granite	2014	9.08	0.0025	0.078125	0.005	0.005	0.2	3.0	3.0	38.4	0.01	—	0.8	5.17
2014-DD-041	JGT-03	290.1	298.57	Granite	2014	9.17	0.021	0.65625	0.005	0.005	0.2	3.5	3.5	5.33	0.01	—	0.8	4.95
2014-DD-045	JGT-03	89.48	98.08	Granite	2014	9.14	0.0025	0.078125	0.005	0.005	0.2	3.1	3.1	39.68	0.005	—	0.4	5.33
2014-DD-046	JGT-03	239.48	248.11	Granite	2014	9.19	0.008	0.25	0.005	0.01	0.3	3.5	3.2	14	0.005	—	0.4	5.06
2014-DD-047	JGT-03	205.53	214.19	Granite	2014	9.28	0.0025	0.078125	0.005	0.005	0.2	3.3	3.3	42.24	0.005	—	0.4	5.05
2014-DD-048	JGT-03	154.51	163.19	Granite	2014	9.36	0.0025	0.078125	0.005	0.005	0.2	3.9	3.9	49.92	0.005	—	0.4	5.13
2014-DD-050	JGT-02	279	287	Granite	2014	9.20	0.0025	0.078125	0.005	0.005	0.2	3.1	3.1	39.68	0.005	—	0.4	4.74
2014-DD-051	JGT-02	200	207.55	Granite	2014	8.76	0.026	0.8125	0.005	0.03	0.9	2.9	2.0	3.57	0.005	—	0.4	4.69
2014-DD-052	JGT-02	125.42	134.04	Granite	2014	8.54	0.0025	0.078125	0.005	0.005	0.2	2.8	2.8	35.84	0.005	—	0.4	5.03
2014-DD-053	JGT-02	64.04	74	Granite	2014	8.60	0.0025	0.078125	0.005	0.005	0.2	2.8	2.8	35.84	0.005	—	0.4	5.08
2014-DD-055	JGT-02	60.16	65.55	Granite	2014	8.44	0.0025	0.078125	0.005	0.005	0.2	1.9	1.9	24.32	0.005	—	0.4	4.97
2014-DD-056	JGT-02	29.89	38.2	Granite	2014	9.07	0.0025	0.078125	0.005	0.005	0.2	2.8	2.8	35.84	0.005	—	0.4	4.75
2014-DD-057	JGT-02	451.14	459,98	Granite	2014	9.50	0.0025	0.078125	0.005	0.005	0.2	3.6	3.6	46.08	0.01	—	0.8	5.14
2014-DD-058	JGT-02	244.19	252.39	Granite	2014	9.55	0.0025	0.078125	0.005	0.005	0.2	3.1	3.1	39.68	0.02	—	1.7	5.29
2014-DD-059	JGT-02	377.69	383.33	Granite	2014	9.50	0.0025	0.078125	0.005	0.005	0.2	2.4	2.4	30.72	0.02	—	1.7	5.15
2014-DD-060	JGT-02	307	313.09	Granite	2014	9.48	0.005	0.15625	0.005	0.005	0.2	3.8	3.8	24.32	0.02	—	1.7	4.79

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Granite (continued)																		
Jay (continued)																		
Median						9.3	0.0025	0.08	0.005	0.005	0.15	3.1	3.0	35.8	0.005	—	0.40	5
Minimum						8.1	0.0025	0.08	0.005	0.005	0.15	1.6	1.6	1.02	0.005	—	0.40	5
Maximum						9.6	0.12	3.8	0.005	0.07	2	7	5.1	50	0.02	—	1.7	6
Count						30	30	30	30	30	30	30	30	30	30	0	30	30
Kimberlite																		
Beartooth																		
64	BCD-01	49m	49	Kimberlite	2000	8.1	0.11	3.4	0.04	0.07	2.2	141	137	41	—	—	—	—
64	BCD-01	49m	49	Kimberlite	2000	—	—	—	—	—	—	—	—	—	—	—	—	—
67	BCD-04	190m	190	Kimberlite	2000	8.5	0.14	4.4	0.02	0.12	3.8	167	162	38	—	—	—	—
66	BCD-04	100m	100	Kimberlite	2000	8.3	0.46	14	0.04	0.42	13	130	116	9.0	0.66	—	55	—
65	BCD-01	186m	186	Kimberlite	2000	8.6	0.25	7.8	0.02	0.23	7.2	160	152	20	0.67	—	56	—
Median						8.4	0.20	6.1	0.03	0.18	5.5	150	144	29	0.665	—	55	—
Minimum						8.1	0.11	3.4	0.02	0.07	2.2	130	116	9.0	0.66	—	55	—
Maximum						8.6	0.46	14	0.04	0.42	13	167	162	41	0.67	—	56	—
Count						4	4	4	4	4	4	4	4	4	2	0	2	—
Fox																		
F1-1 - 66.1	F1-1	66.1	66.2	Kimberlite	Pre-1998	7.9	0.24	7.5	0.07	0.17	5.3	109	102	15	—	—	—	—
F1-1 - 66.2	F1-1	66.2	66.3	Kimberlite	Pre-1998	7.8	0.37	12	0.07	0.30	9.4	348	336	30	—	—	—	—
F1-1 - 72	F1-1	72	74	Kimberlite	Pre-1998	7.8	0.26	8.1	0.04	0.22	6.9	309	301	38	—	—	—	—
F1-1 - 94	F1-1	94	96	Kimberlite	Pre-1998	8.4	0.27	8.4	0.06	0.21	6.6	334	326	40	—	—	—	—
F1-1 - 110	F1-1	110	112	Kimberlite	Pre-1998	8.6	0.17	5.3	0.02	0.15	4.7	365	359	69	—	—	—	—
F1-1 - 116	F1-1	116	118	Kimberlite	Pre-1998	8.8	0.23	7.2	0.02	0.21	6.6	347	339	48	—	—	—	—
F1-1 - 122	F1-1	122	124	Kimberlite	Pre-1998	8.3	0.22	6.9	0.02	0.20	6.3	130	123	19	—	—	—	—
FUC 3-3 - 30	FUC 3-3	30	30.3	Kimberlite	Pre-1998	8.8	0.08	2.5	0.005	0.08	2.3	259	257	104	—	—	—	—
FUC 3-3 - 35	FUC 3-3	35	35.3	Kimberlite	Pre-1998	9.2	0.05	1.6	0.005	0.05	1.4	24	23	16	—	—	—	—
FUC 3-3 - 40	FUC 3-3	40	40.3	Kimberlite	Pre-1998	9.0	0.07	2.2	0.005	0.07	2.0	43	41	20	—	—	—	—
F1-1 - 158	F1-1	158	160	Kimberlite	Pre-1998	9.0	0.17	5.3	0.02	0.15	4.6	323	317	61	—	—	—	—
F1-1 - 160	F1-1	160	162	Kimberlite	Pre-1998	8.9	0.19	5.9	0.03	0.16	5.0	260	254	44	—	—	—	—
F1-1 - 184	F1-1	184	186	Kimberlite	Pre-1998	9.3	0.13	4.1	0.02	0.11	3.3	348	344	86	—	—	—	—
F1-1 - 186	F1-1	186	188	Kimberlite	Pre-1998	9.0	0.12	3.8	0.02	0.10	3.1	346	343	92	—	—	—	—
F1-1 - 196	F1-1	196	198	Kimberlite	Pre-1998	9.5	0.13	4.1	0.03	0.10	3.2	342	338	84	—	—	—	—

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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

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Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Fox (continued)																		
F1-1 - 210	F1-1	210	212	Kimberlite	Pre-1998	9.7	0.06	1.9	0.01	0.05	1.6	256	254	137	—	—	—	—
F1-1 - 216	F1-1	216	218	Kimberlite	Pre-1998	9.6	0.04	1.3	0.005	0.04	1.1	331	330	265	—	—	—	—
FUC 4-3 - 151.5	FUC 4-3	151.5	155.2	Kimberlite	2001	8.8	0.19	5.9	0.04	—	—	—	—	—	—	2.2	50	—
F19 - 176	F19	176	177	Kimberlite	2001	8.9	0.05	1.6	0.05	—	—	—	—	—	—	1.4	32	—
F19 - 122	F19	122	123	Kimberlite	2001	8.6	0.21	6.6	0.03	—	—	—	—	—	—	2.0	45	—
F17 - 200	F17	200	201	Kimberlite	2001	8.6	0.005	0.16	0.005	—	—	—	—	—	—	2.6	59	—
F17 - 100	F17	100	101	Kimberlite	2001	8.3	0.13	4.1	0.03	—	—	—	—	—	—	1.6	36	—
FWK405-13-1	—	—	—	Kimberlite	29-Nov-03	7.4	0.45	14	0.04	—	—	—	—	—	—	—	—	—
FWK405-13-2	—	—	—	Kimberlite	29-Nov-03	7.5	0.30	9.4	0.03	—	—	—	—	—	—	—	—	—
FK-390-20-1	—	—	—	Kimberlite	13-May-04	8.0	0.22	6.9	0.05	—	—	—	—	—	—	2.4	55	—
FK-390-20-2	—	—	—	Kimberlite	13-May-04	8.0	0.31	9.7	0.04	—	—	—	—	—	—	2.5	57	—
FK-375-09R1-1	—	—	—	Kimberlite	8-Jul-04	8.3	0.28	8.8	0.05	—	—	—	—	—	—	2.4	55	—
FK-375-09R1-2	—	—	—	Kimberlite	8-Jul-04	8.3	0.18	5.6	0.02	—	—	—	—	—	—	2.4	55	—
FK-375-13-1	—	—	—	Kimberlite	30-Jul-04	8.4	0.32	10	0.03	—	—	—	—	—	—	1.8	41	—
FK-375-13-2	—	—	—	Kimberlite	30-Jul-04	8.3	0.22	6.9	0.03	—	—	—	—	—	—	2.2	50	—
FK-375-21-1	—	—	—	Kimberlite	24-Aug-04	8.2	0.56	18	0.06	—	—	—	—	—	—	2.1	48	—
FK-375-21-2	—	—	—	Kimberlite	24-Aug-04	8.1	0.63	20	0.05	—	—	—	—	—	—	2.4	55	—
FK-375-23-1	—	—	—	Kimberlite	—	8.3	0.20	6.3	0.02	—	—	—	—	—	—	2.5	57	—
FK-375-23-2	—	—	—	Kimberlite	—	8.1	0.15	4.7	0.02	—	—	—	—	—	—	5.7	130	—
FK-375-23-3	—	—	—	Kimberlite	—	8.3	0.20	6.3	0.03	—	—	—	—	—	—	2.8	64	—
FK-375-23-4	—	—	—	Kimberlite	—	8.4	0.22	6.9	0.03	—	—	—	—	—	—	3.0	68	—
FK-375-29-1	—	—	—	Kimberlite	3-Sep-04	8.2	0.43	13	0.03	—	—	—	—	—	—	2.6	59	—
FK-375-29-2	—	—	—	Kimberlite	3-Sep-04	8.2	0.28	8.8	0.04	—	—	—	—	—	—	2.7	61	—
FK-375-29-3	—	—	—	Kimberlite	3-Sep-04	8.3	0.23	7.2	0.04	—	—	—	—	—	—	3.3	75	—
FK-375-29-4	—	—	—	Kimberlite	3-Sep-04	8.2	0.27	8.4	0.03	—	—	—	—	—	—	3.0	68	—
FK-375-34-1	—	—	—	Kimberlite	9-Sep-04	8.3	0.65	20	0.09	—	—	—	—	—	—	2.1	48	—
FK-375-34-2	—	—	—	Kimberlite	9-Sep-04	8.3	0.36	11	0.05	—	—	—	—	—	—	2.5	57	—
FK-375-34-3	—	—	—	Kimberlite	9-Sep-04	8.3	0.26	8.1	0.03	—	—	—	—	—	—	2.2	50	—
FK-375-34-4	—	—	—	Kimberlite	9-Sep-04	8.3	0.36	11	0.05	—	—	—	—	—	—	2.5	57	—
FK-375-35-1	—	—	—	Kimberlite	17-Sep-04	8.3	0.32	10	0.07	—	—	—	—	—	—	2.4	55	—
FK-375-35-2	—	—	—	Kimberlite	17-Sep-04	8.3	0.36	11	0.08	—	—	—	—	—	—	2.1	48	—

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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

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						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Fox (continued)																		
FK-375-35-3	—	—	—	Kimberlite	17-Sep-04	8.3	0.31	9.7	0.07	—	—	—	—	—	—	2.4	55	—
FK-375-35-4	—	—	—	Kimberlite	17-Sep-04	8.4	0.39	12	0.05	—	—	—	—	—	—	2.1	48	—
FWK-375-12-01	—	—	—	Kimberlite	28-Jul-04	8.1	0.28	8.8	0.05	—	—	—	—	—	—	2.4	55	—
FWK-375-12-02	—	—	—	Kimberlite	28-Jul-04	8.4	0.30	9.4	0.03	—	—	—	—	—	—	2.6	59	—
FWK-375-14KB1-	—	—	—	Kimberlite	4-Aug-04	8.6	0.27	8.4	0.03	—	—	—	—	—	—	2.3	52	—
FWK-375-14KB2-	—	—	—	Kimberlite	4-Aug-04	8.4	0.28	8.8	0.04	—	—	—	—	—	—	2.3	52	—
FWK-375-14KB3-	—	—	—	Kimberlite	4-Aug-04	8.4	0.23	7.2	0.02	—	—	—	—	—	—	2.6	59	—
FWK-375-14KB4-	—	—	—	Kimberlite	4-Aug-04	8.5	0.26	8.1	0.03	—	—	—	—	—	—	2.0	45	—
FWK-375-15kb-1	—	—	—	Kimberlite	8-Aug-04	8.4	0.33	10	0.06	—	—	—	—	—	—	2.4	55	—
FWK-375-15kb-2	—	—	—	Kimberlite	8-Aug-04	8.5	0.26	8.1	0.04	—	—	—	—	—	—	3.0	68	—
FWK-375-15kb-3	—	—	—	Kimberlite	8-Aug-04	8.3	0.34	11	0.07	—	—	—	—	—	—	2.8	64	—
FWK-375-15kb-4	—	—	—	Kimberlite	8-Aug-04	8.3	0.27	8.4	0.06	—	—	—	—	—	—	2.7	61	—
FWK-375-38-1	—	—	—	Kimberlite	29-Sep-04	8.7	0.31	9.7	0.04	—	—	—	—	—	—	2.3	52	—
FWK-375-38-2	—	—	—	Kimberlite	29-Sep-04	8.6	0.21	6.6	0.04	—	—	—	—	—	—	2.3	52	—
FWK-375-38-3	—	—	—	Kimberlite	29-Sep-04	8.7	0.15	4.7	0.04	—	—	—	—	—	—	2.1	48	—
FWK-375-38-4	—	—	—	Kimberlite	29-Sep-04	8.4	0.20	6.3	0.03	—	—	—	—	—	—	2.5	57	—
FWK-375-36-04 6-OCT-04	—	—	—	Kimberlite	6-Oct-04	7.4	0.46	14	0.10	—	—	—	—	—	—	2.2	50	—
FWK-375-36-03 6-OCT-04	—	—	—	Kimberlite	6-Oct-04	7.5	0.30	9.4	0.05	—	—	—	—	—	—	2.5	57	—
FWK-375-36-02 6-OCT-04	—	—	—	Kimberlite	6-Oct-04	8.0	0.30	9.4	0.03	—	—	—	—	—	—	2.3	52	—
FWK-375-36-01 6-OCT-04	—	—	—	Kimberlite	6-Oct-04	7.8	0.16	5.0	0.03	—	—	—	—	—	—	2.6	59	—
FWK-360-29-02 26-DEC-04	—	—	—	Kimberlite	26-Dec-04	7.6	0.36	11	0.04	—	—	—	—	—	—	1.9	43	—
FWK-360-29-02 1-JAN-05	—	—	—	Kimberlite	1-Jan-05	7.8	0.59	18	0.04	—	—	—	—	—	—	2.0	45	—
FWK-360-29-01 26-DEC-04	—	—	—	Kimberlite	26-Dec-04	7.6	0.34	11	0.02	—	—	—	—	—	—	2.5	57	—
FWK-360-29-01 1-JAN-05	—	—	—	Kimberlite	1-Jan-05	7.8	0.31	9.7	0.03	—	—	—	—	—	—	2.9	66	—
FWK-360-24-04 19-DEC-04	—	—	—	Kimberlite	19-Dec-04	7.4	0.18	5.6	0.02	—	—	—	—	—	—	2.4	55	—
FWK-360-24-03 19-DEC-04	—	—	—	Kimberlite	19-Dec-04	7.7	0.19	5.9	0.02	—	—	—	—	—	—	2.6	59	—
FWK-360-24-02 19-DEC-04	—	—	—	Kimberlite	19-Dec-04	7.7	0.21	6.6	0.02	—	—	—	—	—	—	2.5	57	—
FWK-360-24-01 19-DEC-04	—	—	—	Kimberlite	19-Dec-04	7.4	0.19	5.9	0.02	—	—	—	—	—	—	2.4	55	—
FWK-360-14-04 3-DEC-04	—	—	—	Kimberlite	3-Dec-04	7.8	0.25	7.8	0.02	—	—	—	—	—	—	2.8	64	—
FWK-360-14-03 3-DEC-04	—	—	—	Kimberlite	3-Dec-04	8.1	0.25	7.8	0.01	—	—	—	—	—	—	2.7	61	—
FWK-360-14-02 3-DEC-04	—	—	—	Kimberlite	3-Dec-04	8.0	0.22	6.9	0.02	—	—	—	—	—	—	2.9	66	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Fox (continued)																		
FWK-360-14-01 3-DEC-04	—	—	—	Kimberlite	3-Dec-04	7.7	0.27	8.4	0.02	—	—	—	—	—	—	2.6	59	—
FWK-360-09-02 22-NOV-04	—	—	—	Kimberlite	22-Nov-04	8.1	0.34	11	0.02	—	—	—	—	—	—	2.9	66	—
FWK-360-09-01 22-NOV-04	—	—	—	Kimberlite	22-Nov-04	8.1	0.16	5.0	0.005	—	—	—	—	—	—	3.1	71	—
FWK-360-07-02 12-NOV-04	—	—	—	Kimberlite	12-Nov-04	8.3	0.16	5.0	0.005	—	—	—	—	—	—	2.9	66	—
FWK-360-07-01 12-NOV-04	—	—	—	Kimberlite	12-Nov-04	8.0	0.37	12	0.04	—	—	—	—	—	—	2.4	55	—
FWK-360-05-04 29-OCT-04	—	—	—	Kimberlite	29-Oct-04	7.1	1.62	51	0.21	—	—	—	—	—	—	2.4	55	—
FWK-360-05-03 29-OCT-04	—	—	—	Kimberlite	29-Oct-04	7.5	0.92	29	0.10	—	—	—	—	—	—	1.8	41	—
FWK-360-05-02 29-OCT-04	—	—	—	Kimberlite	29-Oct-04	7.7	0.26	8.1	0.02	—	—	—	—	—	—	2.4	55	—
FWK-360-05-01 29-OCT-04	—	—	—	Kimberlite	29-Oct-04	7.7	0.65	20	0.09	—	—	—	—	—	—	2.2	50	—
FWK-345-33-04- 8-Apr-05	—	—	—	Kimberlite	8-Apr-05	8.3	0.25	7.8	0.02	—	—	—	—	—	—	2.6	59	—
FWK-345-33-03- 8-Apr-05	—	—	—	Kimberlite	8-Apr-05	8.4	0.28	8.8	0.03	—	—	—	—	—	—	2.5	57	—
FWK-345-33-02- 8-Apr-05	—	—	—	Kimberlite	8-Apr-05	8.5	0.21	6.6	0.02	—	—	—	—	—	—	2.6	59	—
FWK-345-33-01- 8-Apr-05	—	—	—	Kimberlite	8-Apr-05	8.2	0.83	26	0.15	—	—	—	—	—	—	2.4	55	—
FWK-345-29-04- 8-Apr-05	—	—	—	Kimberlite	8-Apr-05	8.3	0.28	8.8	0.04	—	—	—	—	—	—	2.9	66	—
FWK-345-29-03- 8-Apr-05	—	—	—	Kimberlite	8-Apr-05	8.4	0.21	6.6	0.04	—	—	—	—	—	—	2.6	59	—
FWK-345-29-02- 8-Apr-05	—	—	—	Kimberlite	8-Apr-05	8.3	0.34	11	0.05	—	—	—	—	—	—	2.6	59	—
FWK-345-29-01- 8-Apr-05	—	—	—	Kimberlite	8-Apr-05	7.9	0.82	26	0.14	—	—	—	—	—	—	2.2	50	—
FWK-345-24-06-26-Mar-05	—	—	—	Kimberlite	26-Mar-05	8.6	0.33	10	0.04	—	—	—	—	—	—	2.6	59	—
FWK-345-24-05-26-Mar-05	—	—	—	Kimberlite	26-Mar-05	8.1	0.56	18	0.07	—	—	—	—	—	—	2.5	57	—
FWK-345-24-04-26-Mar-05	—	—	—	Kimberlite	26-Mar-05	8.1	0.92	29	0.14	—	—	—	—	—	—	2.5	57	—
FWK-345-24-03-26-Mar-05	—	—	—	Kimberlite	26-Mar-05	8.7	0.45	14	0.07	—	—	—	—	—	—	2.6	59	—
FWK-345-24-02-26-Mar-05	—	—	—	Kimberlite	26-Mar-05	8.5	0.30	9.4	0.04	—	—	—	—	—	—	2.6	59	—
FWK-345-24-01-26-Mar-05	—	—	—	Kimberlite	26-Mar-05	8.5	0.44	14	0.07	—	—	—	—	—	—	3.5	80	—
FWK-345-20-04- 8-Mar-05	—	—	—	Kimberlite	8-Mar-05	8.7	0.14	4.4	0.03	—	—	—	—	—	—	2.8	64	—
FWK-345-20-03- 8-Mar-05	—	—	—	Kimberlite	8-Mar-05	8.3	0.36	11	0.05	—	—	—	—	—	—	2.0	45	—
FWK-345-20-02- 8-Mar-05	—	—	—	Kimberlite	8-Mar-05	8.7	0.24	7.5	0.05	—	—	—	—	—	—	2.6	59	—
FWK-345-20-01- 8-Mar-05	—	—	—	Kimberlite	8-Mar-05	8.3	0.52	16	0.09	—	—	—	—	—	—	2.5	57	—
FWK-345-15-02 9-FEB-05	—	—	—	Kimberlite	9-Feb-05	8.1	0.20	6.3	0.005	—	—	—	—	—	—	2.3	52	—
FWK-345-15-01 9-FEB-05	—	—	—	Kimberlite	9-Feb-05	8.0	0.23	7.2	0.005	—	—	—	—	—	—	3.0	68	—
FWK-345-13-02 18-FEB-05	—	—	—	Kimberlite	18-Feb-05	8.0	0.68	21	0.02	—	—	—	—	—	—	2.5	57	—
FWK-345-13-01 18-FEB-05	—	—	—	Kimberlite	18-Feb-05	8.0	0.62	19	0.04	—	—	—	—	—	—	2.7	61	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Fox (continued)																		
FWK-345-08-04 7-FEB-05	—	—	—	Kimberlite	7-Feb-05	8.1	0.26	8.1	0.005	—	—	—	—	—	—	2.6	59	—
FWK-345-08-03 7-FEB-05	—	—	—	Kimberlite	7-Feb-05	7.9	0.73	23	0.01	—	—	—	—	—	—	2.2	50	—
FWK-345-08-02 7-FEB-05	—	—	—	Kimberlite	7-Feb-05	8.0	0.30	9.4	0.005	—	—	—	—	—	—	2.6	59	—
FWK-345-08-01 7-FEB-05	—	—	—	Kimberlite	7-Feb-05	8.1	0.50	16	0.005	—	—	—	—	—	—	2.5	57	—
FWK-345-07-02 4-FEB-05	—	—	—	Kimberlite	4-Feb-05	8.2	0.28	8.8	0.02	—	—	—	—	—	—	2.8	64	—
FWK-345-07-01 4-FEB-05	—	—	—	Kimberlite	4-Feb-05	8.0	0.28	8.8	0.01	—	—	—	—	—	—	2.9	66	—
FWK-345-06-02 1-FEB-05	—	—	—	Kimberlite	1-Feb-05	7.9	0.21	6.6	0.01	—	—	—	—	—	—	2.5	57	—
FWK-345-06-01 1-FEB-05	—	—	—	Kimberlite	1-Feb-05	8.0	0.24	7.5	0.005	—	—	—	—	—	—	2.6	59	—
FWK-345-04-02 30-JAN-05	—	—	—	Kimberlite	30-Jan-05	8.2	0.27	8.4	0.01	—	—	—	—	—	—	2.9	66	—
FWK-345-04-01 30-JAN-05	—	—	—	Kimberlite	30-Jan-05	8.1	0.34	11	0.02	—	—	—	—	—	—	2.9	66	—
FWK-345-03-04 28-JAN-05	—	—	—	Kimberlite	28-Jan-05	7.8	0.26	8.1	0.02	—	—	—	—	—	—	2.9	66	—
FWK-345-03-03 28-JAN-05	—	—	—	Kimberlite	28-Jan-05	7.8	0.24	7.5	0.02	—	—	—	—	—	—	3.4	77	—
FWK-345-03-02 24-JAN-05	—	—	—	Kimberlite	24-Jan-05	8.1	0.27	8.4	0.01	—	—	—	—	—	—	2.7	61	—
FWK-345-03-01 24-JAN-05	—	—	—	Kimberlite	24-Jan-05	8.0	0.36	11	0.05	—	—	—	—	—	—	1.3	30	—
FWK-345-02-02 20-JAN-05	—	—	—	Kimberlite	20-Jan-05	8.1	0.21	6.6	0.02	—	—	—	—	—	—	2.2	50	—
FWK-345-02-01 20-JAN-05	—	—	—	Kimberlite	20-Jan-05	8.2	0.21	6.6	0.02	—	—	—	—	—	—	2.2	50	—
FWK-345-01-04 14-JAN-05	—	—	—	Kimberlite	14-Jan-05	7.8	0.50	16	0.04	—	—	—	—	—	—	2.3	52	—
FWK-345-01-03 14-JAN-05	—	—	—	Kimberlite	14-Jan-05	7.8	0.39	12	0.02	—	—	—	—	—	—	2.3	52	—
FWK-345-01-02 14-JAN-05	—	—	—	Kimberlite	14-Jan-05	7.6	0.68	21	0.06	—	—	—	—	—	—	2.2	50	—
FWK-345-01-01 14-JAN-05	—	—	—	Kimberlite	14-Jan-05	7.8	0.58	18	0.03	—	—	—	—	—	—	1.8	41	—
FWK-330-14-08 18-May-05	—	—	—	Kimberlite	18-May-05	8.3	0.40	13	0.03	—	—	—	—	—	—	3.3	75	—
FWK-330-14-07 18-May-05	—	—	—	Kimberlite	18-May-05	8.2	0.64	20	0.07	—	—	—	—	—	—	3.2	73	—
FWK-330-14-06 18-May-05	—	—	—	Kimberlite	18-May-05	8.4	0.29	9.1	0.03	—	—	—	—	—	—	2.9	66	—
FWK-330-14-05 18-May-05	—	—	—	Kimberlite	18-May-05	8.5	0.29	9.1	0.07	—	—	—	—	—	—	3.3	75	—
FWK-330-14-04 17-May-05	—	—	—	Kimberlite	17-May-05	8.5	0.26	8.1	0.01	—	—	—	—	—	—	3.1	71	—
FWK-330-14-03 17-May-05	—	—	—	Kimberlite	17-May-05	8.3	0.38	12	0.05	—	—	—	—	—	—	2.8	64	—
FWK-330-14-02 17-May-05	—	—	—	Kimberlite	17-May-05	8.5	0.48	15	0.03	—	—	—	—	—	—	3.3	75	—
FWK-330-14-01 17-May-05	—	—	—	Kimberlite	17-May-05	8.4	0.25	7.8	0.02	—	—	—	—	—	—	2.7	61	—
FWK-330-05-04 11-May-05	—	—	—	Kimberlite	11-May-05	8.4	0.38	12	0.26	—	—	—	—	—	—	2.4	55	—
FWK-330-05-04 10-May-05	—	—	—	Kimberlite	10-May-05	8.3	0.35	11	0.01	—	—	—	—	—	—	3.1	71	—
FWK-330-05-03 11-May-05	—	—	—	Kimberlite	11-May-05	8.4	0.29	9.1	0.01	—	—	—	—	—	—	2.7	61	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Fox (continued)																		
FWK-330-05-03 10-May-05	—	—	—	Kimberlite	10-May-05	8.3	0.68	21	0.06	—	—	—	—	—	—	2.7	61	—
FWK-330-05-02 11-May-05	—	—	—	Kimberlite	11-May-05	8.5	0.26	8.1	0.005	—	—	—	—	—	—	2.8	64	—
FWK-330-05-02 10-May-05	—	—	—	Kimberlite	10-May-05	8.3	0.25	7.8	0.01	—	—	—	—	—	—	3.2	73	—
FWK-330-05-01 11-May-05	—	—	—	Kimberlite	11-May-05	8.5	0.25	7.8	0.02	—	—	—	—	—	—	2.9	66	—
FWK-330-05-01 10-May-05	—	—	—	Kimberlite	10-May-05	8.3	0.33	10	0.01	—	—	—	—	—	—	2.6	59	—
FWK-330-01-04- 10-Apr-05	—	—	—	Kimberlite	10-Apr-05	8.3	0.22	6.9	0.03	—	—	—	—	—	—	3.8	86	—
FWK-330-01-03- 10-Apr-05	—	—	—	Kimberlite	10-Apr-05	8.4	0.31	9.7	0.03	—	—	—	—	—	—	3.4	77	—
FWK-330-01-02-17-Apr-05	—	—	—	Kimberlite	17-Apr-05	8.4	0.33	10	0.06	—	—	—	—	—	—	2.2	50	—
FWK-330-01-02- 10-Apr-05	—	—	—	Kimberlite	10-Apr-05	8.3	0.43	13	0.05	—	—	—	—	—	—	2.7	61	—
FWK-330-01-01-17-Apr-05	—	—	—	Kimberlite	17-Apr-05	8.4	0.42	13	0.04	—	—	—	—	—	—	3.5	80	—
FWK-330-01-01- 10-Apr-05	—	—	—	Kimberlite	10-Apr-05	8.5	0.25	7.8	0.03	—	—	—	—	—	—	3.1	71	—
FWK-315-02-06 15-Jun-05	—	—	—	Kimberlite	15-Jun-05	8.6	0.33	10	0.02	—	—	—	—	—	—	3.5	80	—
FWK-315-02-05 15-Jun-05	—	—	—	Kimberlite	15-Jun-05	8.4	0.35	11	0.01	—	—	—	—	—	—	2.8	64	—
FWK-315-02-04 15-Jun-05	—	—	—	Kimberlite	15-Jun-05	8.6	0.33	10	0.02	—	—	—	—	—	—	3.3	75	—
FWK-315-02-03 15-Jun-05	—	—	—	Kimberlite	15-Jun-05	8.8	0.31	9.7	0.01	—	—	—	—	—	—	3.2	73	—
FWK-315-02-02 15-Jun-05	—	—	—	Kimberlite	15-Jun-05	8.6	0.37	12	0.02	—	—	—	—	—	—	3.3	75	—
FWK-315-02-01 15-Jun-05	—	—	—	Kimberlite	15-Jun-05	8.5	0.32	10	0.01	—	—	—	—	—	—	3.4	77	—
FWK-315-01-04 8-Jun-05	—	—	—	Kimberlite	8-Jun-05	8.3	0.34	11	0.06	—	—	—	—	—	—	3.6	82	—
FWK-315-01-03 8-Jun-05	—	—	—	Kimberlite	8-Jun-05	8.2	0.37	12	0.23	—	—	—	—	—	—	2.9	66	—
FWK-315-01-02 8-Jun-05	—	—	—	Kimberlite	8-Jun-05	8.3	0.32	10	0.02	—	—	—	—	—	—	2.6	59	—
FWK-315-01-01 8-Jun-05	—	—	—	Kimberlite	8-Jun-05	8.3	0.38	12	0.03	—	—	—	—	—	—	2.8	64	—
FWK-285-35-01	—	—	—	Kimberlite	7-Sep-06	9.8	0.15	4.7	0.03	—	—	—	—	—	—	2.6	59	—
FWK-285-36-01 15-MAY-06	—	—	—	Kimberlite	15-May-06	7.9	0.26	8.1	0.03	—	—	—	—	—	—	2.5	57	—
FWK-285-36-02 15 MAY-06	—	—	—	Kimberlite	15-May-06	8.1	0.28	8.8	0.04	—	—	—	—	—	—	2.6	59	—
FWK-285-36-03 15 MAY-06	—	—	—	Kimberlite	15-May-06	7.8	0.39	12	0.10	—	—	—	—	—	—	2.2	50	—
FWK-285-36-04 15-MAY-06	—	—	—	Kimberlite	15-May-06	8.1	0.35	11	0.03	—	—	—	—	—	—	2.4	55	—
Fox-260-WK-3a 26-Jan-09	—	—	—	Kimberlite	26-Jan-09	8.8	0.24	7.5	0.03	—	—	—	—	—	—	4.5	102	—
Fox-260-WK-2a 26-Jan-09	—	—	—	Kimberlite	26-Jan-09	8.9	0.15	4.7	0.005	—	—	—	—	—	—	2.3	52	—
Fox-260-WK-1a 26-Jan-09	—	—	—	Kimberlite	26-Jan-09	9.2	0.09	2.8	0.005	—	—	—	—	—	—	0.2	4.5	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Fox (continued)																		
Median						8.3	0.28	8.8	0.03	0.15	4.6	323	317	48	—	2.6	59	—
Minimum						7.1	0.005	0.16	0.005	0.04	1.1	24	23	15	—	0.2	4.5	—
Maximum						9.8	1.62	51	0.26	0.30	9.4	365	359	265	—	5.7	130	—
Count						168	168	168	168	17	17	17	17	17	0	149	149	—
Koala																		
KWK-380-50-1	—	—	—	Kimberlite	19-Jun-03	8.2	0.14	4.4	0.02	—	—	—	—	—	—	1.8	41	—
KWK-380-50-2	—	—	—	Kimberlite	19-Jun-03	8.3	0.07	2.2	0.04	—	—	—	—	—	—	1.6	36	—
KWK-360-18-1A	—	—	—	Kimberlite	19-Jun-03	8.0	0.17	5.3	0.02	—	—	—	—	—	—	1.5	34	—
KWK-360-18-2A	—	—	—	Kimberlite	19-Jun-03	8.1	0.15	4.7	0.01	—	—	—	—	—	—	1.4	32	—
KWK-360-17-1A	—	—	—	Kimberlite	19-Jun-03	7.7	0.20	6.3	0.03	—	—	—	—	—	—	1.4	32	—
KWK-360-17-2A	—	—	—	Kimberlite	19-Jun-03	7.7	0.22	6.9	0.03	—	—	—	—	—	—	1.5	34	—
KWK-345-17-1	—	—	—	Kimberlite	19-Jun-03	8.0	0.11	3.4	0.01	—	—	—	—	—	—	1.5	34	—
KWK-345-17-2	—	—	—	Kimberlite	19-Jun-03	8.0	0.17	5.3	0.01	—	—	—	—	—	—	1.5	34	—
KWK-345-17-1A	—	—	—	Kimberlite	19-Jun-03	7.9	0.14	4.4	0.03	—	—	—	—	—	—	1.5	34	—
KWK-345-17-2A	—	—	—	Kimberlite	19-Jun-03	8.0	0.21	6.6	0.02	—	—	—	—	—	—	1.5	34	—
KWK-345-17-1A	—	—	—	Kimberlite	19-Jun-03	8.0	0.28	8.8	0.02	—	—	—	—	—	—	1.8	41	—
KWK-345-17-2A	—	—	—	Kimberlite	19-Jun-03	7.8	0.13	4.1	0.02	—	—	—	—	—	—	1.5	34	—
KWK-345-21-1A	—	—	—	Kimberlite	19-Jun-03	7.9	0.12	3.8	0.02	—	—	—	—	—	—	1.4	32	—
KWK-345-21-2A	—	—	—	Kimberlite	19-Jun-03	8.0	0.12	3.8	0.04	—	—	—	—	—	—	1.3	30	—
KS-280-04-1A	—	—	—	Kimberlite	7-Feb-04	7.7	0.96	30	—	—	—	—	—	—	—	—	—	—
KS-280-04-1B	—	—	—	Kimberlite	7-Feb-04	7.3	0.91	28	—	—	—	—	—	—	—	—	—	—
KK-DUMP-1A	—	—	—	Kimberlite	24-Sep-02	7.9	0.22	6.9	0.05	0.12	3.8	—	—	—	—	1.4	32	—
KK-DUMP-2A	—	—	—	Kimberlite	24-Sep-02	7.7	0.31	9.7	0.005	0.23	7.2	—	—	—	—	1.4	32	—
KK-DUMP-3A-1	—	—	—	Kimberlite	24-Sep-02	8.0	0.26	8.1	0.005	0.19	5.9	—	—	—	—	1.6	36	—
KK-DUMP-3A-2	—	—	—	Kimberlite	24-Sep-02	8.0	0.25	7.8	0.01	0.19	5.9	—	—	—	—	1.6	36	—
KK-DUMP-4A	—	—	—	Kimberlite	24-Sep-02	7.8	0.24	7.5	0.005	0.17	5.3	—	—	—	—	2.6	59	—
KK-DUMP-5A	—	—	—	Kimberlite	24-Sep-02	7.3	0.24	7.5	0.05	0.16	5.0	—	—	—	—	0.7	16	—
K-2 - 50	K-2	50	52	Kimberlite	30-Dec-07	7.7	0.33	10	0.13	0.20	6.3	312	302	30	—	—	—	—
K-2 - 52	K-2	52	54	Kimberlite	30-Dec-07	7.7	0.38	12	0.11	0.27	8.4	315	304	27	—	—	—	—
K-2 - 72	K-2	72	74	Kimberlite	30-Dec-07	8.3	0.21	6.6	0.04	0.17	5.3	202	196	31	—	—	—	—
K-2 - 80	K-2	80	82	Kimberlite	30-Dec-07	8.1	0.23	7.2	0.07	0.16	5.0	204	197	28	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Koala (continued)																		
K-2 - 82	K-2	82	84	Kimberlite	30-Dec-07	8.2	0.20	6.3	0.05	0.15	4.7	211	204	34	—	—	—	—
K-2 - 96	K-2	96	98	Kimberlite	30-Dec-07	8.3	0.17	5.3	0.03	0.14	4.4	166	160	31	—	—	—	—
K-2 - 98	K-2	98	100	Kimberlite	30-Dec-07	8.0	0.32	10	0.12	0.20	6.3	335	325	34	—	—	—	—
K-2 - 100	K-2	100	102	Kimberlite	30-Dec-07	8.1	0.29	9.1	0.08	0.21	6.6	282	273	31	—	—	—	—
K-2 - 104	K-2	104	106	Kimberlite	30-Dec-07	8.4	0.26	8.1	0.04	0.22	6.9	196	188	24	—	—	—	—
K-2 - 110	K-2	110	112	Kimberlite	30-Dec-07	8.4	0.15	4.7	0.01	0.14	4.4	210	205	45	—	—	—	—
K-2 - 114	K-2	114	116	Kimberlite	30-Dec-07	8.1	0.23	7.2	0.03	0.20	6.3	343	336	48	—	—	—	—
K-2 - 126	K-2	126	128	Kimberlite	30-Dec-07	8.3	0.13	4.1	0.01	0.12	3.6	331	327	82	—	—	—	—
K-2 - 128	K-2	128	130	Kimberlite	30-Dec-07	8.3	0.16	5.0	0.01	0.15	4.7	370	365	74	—	—	—	—
K-2 - 130	K-2	130	132	Kimberlite	30-Dec-07	8.3	0.13	4.1	0.01	0.12	3.8	424	420	104	—	—	—	—
K-2 - 132	K-2	132	134	Kimberlite	30-Dec-07	8.4	0.10	3.1	0.01	0.09	2.8	370	367	118	—	—	—	—
K-2 - 148	K-2	148	150	Kimberlite	30-Dec-07	8.4	0.11	3.4	0.01	0.10	3.2	371	368	108	—	—	—	—
K-2 - 152	K-2	152	154	Kimberlite	30-Dec-07	8.4	0.11	3.4	0.01	0.10	3.2	338	334	98	—	—	—	—
K-2 - 156	K-2	156	158	Kimberlite	30-Dec-07	8.2	0.21	6.6	0.02	0.19	6.0	346	340	53	—	—	—	—
K-2 - 158	K-2	158	160	Kimberlite	30-Dec-07	8.4	0.14	4.4	0.01	0.13	4.2	354	350	81	—	—	—	—
K-2 - 160	K-2	160	162	Kimberlite	30-Dec-07	8.4	0.13	4.1	0.01	0.12	3.8	388	384	96	—	—	—	—
K-2 - 162	K-2	162	164	Kimberlite	30-Dec-07	8.3	0.11	3.4	0.01	0.10	3.2	320	317	93	—	—	—	—
K-2 - 168	K-2	168	170	Kimberlite	30-Dec-07	7.6	0.57	18	0.09	0.49	15	334	316	19	—	—	—	—
K-2 - 170	K-2	170	172	Kimberlite	30-Dec-07	7.7	0.47	15	0.07	0.40	13	312	297	21	—	—	—	—
K-2 - 172	K-2	172	174	Kimberlite	30-Dec-07	7.7	0.58	18	0.06	0.52	16	314	296	17	—	—	—	—
K-2 - 174	K-2	174	176	Kimberlite	30-Dec-07	7.8	0.52	16	0.06	0.46	14	305	288	19	—	—	—	—
K-2 - 180	K-2	180	182	Kimberlite	30-Dec-07	8.1	0.27	8.4	0.02	0.25	7.8	289	280	34	—	—	—	—
K-2 - 188	K-2	188	190	Kimberlite	30-Dec-07	8.0	0.38	12	0.08	0.30	9.4	175	163	15	—	—	—	—
K-2 - 192	K-2	192	194	Kimberlite	30-Dec-07	8.1	0.33	10	0.05	0.28	8.8	188	178	18	—	—	—	—
K-2 - 202	K-2	202	204	Kimberlite	30-Dec-07	8.2	0.20	6.3	0.01	0.19	5.8	224	218	36	—	—	—	—
K-2 - 204	K-2	204	206	Kimberlite	30-Dec-07	8.1	0.28	8.8	0.02	0.26	8.2	322	313	37	—	—	—	—
K-2 - 208	K-2	208	210	Kimberlite	30-Dec-07	7.6	0.48	15	0.13	0.35	11	272	257	18	—	—	—	—
K-2 - 212	K-2	212	214	Kimberlite	30-Dec-07	7.9	0.49	15	0.04	0.45	14	262	247	17	—	—	—	—
K-2 - 216	K-2	216	218	Kimberlite	30-Dec-07	8.1	0.21	6.6	0.02	0.19	6.0	89	82	14	—	—	—	—
K-7 - 222	K-7	222	224	Kimberlite	30-Dec-07	7.9	0.35	11	0.07	0.28	8.8	103	92	9.4	—	—	—	—
K-7 - 224	K-7	224	226	Kimberlite	30-Dec-07	8.1	0.21	6.6	0.05	0.16	5.0	102	96	16	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Koala (continued)																		
K-7 - 230	K-7	230	232	Kimberlite	30-Dec-07	8.0	0.42	13	0.09	0.33	10	48	35	3.7	—	—	—	—
Median						8.0	0.22	6.7	0.02	0.19	6.0	308	292	31	—	1.5	34	—
Minimum						7.3	0.07	2.2	0.005	0.09	2.8	48	35	3.7	—	0.7	16	—
Maximum						8.4	0.96	30	0.13	0.52	16	424	420	118	—	2.6	59	—
Count						58	58	58	56	42	42	36	36	36	0	20	20	—
Misery																		
MGT-60 143.42-145.0	—	—	—	Kimberlite	2009	5.1	1.94	61	0.38	—	—	9.8	-51	0.16	—	0.05	1.1	—
MGT-60 308.0-309.85	—	—	—	Kimberlite	2009	8.6	0.40	13	0.005	—	—	176	163	14	—	3.3	76	—
MGT-53 245-248	—	—	—	Kimberlite	2009	8.2	0.29	9.1	0.03	—	—	162	153	18	—	2.2	49	—
MGT-54 297-300	—	—	—	Kimberlite	2009	8.6	0.36	11	0.03	—	—	176	165	16	—	0.81	18	—
MDC-10 149.47	—	—	—	Kimberlite	2001	9.3	0.15	4.7	0.005	0.15	4.7	409	404	87	—	7.0	159	—
SRK MISERY 1	—	—	—	Kimberlite	2001	7.8	1.34	42	0.12	1.36	43	57	15	1.4	—	0.6	14	—
SRK MISERY 2	—	—	—	Kimberlite	2001	8.2	0.88	28	0.09	0.87	27	316	289	11	—	3.0	68	—
SRK MISERY 3	—	—	—	Kimberlite	2001	9.1	0.06	1.9	0.005	0.07	2.2	334	332	178	—	3.4	77	—
MK- 430-04-1A	—	—	—	Kimberlite	11-May-01	8.1	0.17	5.3	0.03	0.19	5.9	236	231	44	—	3.0	68	—
MK- 430-04-2A	—	—	—	Kimberlite	11-May-01	8.4	0.02	0.63	0.01	0.06	1.9	288	287	461	—	0.8	18	—
MK- 430-06-A1	—	—	—	Kimberlite	11-May-01	8.3	0.04	1.3	0.01	0.07	2.2	285	284	228	—	0.8	18	—
MK- 430-06-A2	—	—	—	Kimberlite	11-May-01	8.0	0.20	6.3	0.04	0.28	8.8	206	200	33	—	2.8	64	—
MK- 430-06-A3	—	—	—	Kimberlite	11-May-01	8.1	0.14	4.4	0.04	0.18	5.6	193	189	44	—	2.8	64	—
MK-400-52T-1a	—	—	—	Kimberlite	4-Sep-02	8.3	0.38	12	0.07	0.17	5.3	376	364	32	—	3.5	80	—
MWKB-380-20-1a	—	—	—	Kimberlite	4-Sep-02	8.5	0.47	15	0.05	0.27	8.4	77	62	5.2	—	0.9	20	—
MWKB-380-20-2a	—	—	—	Kimberlite	4-Sep-02	8.5	0.14	4.4	0.02	0.05	1.6	93	89	21	—	0.9	20	—
MGT-51 98.0-99.59	—	—	—	Kimberlite	2009	8.5	0.08	2.5	0.005	—	—	274	271	110	—	6.3	143	—
MGT-51 113-116	—	—	—	Kimberlite	2009	8.7	0.05	1.6	0.005	—	—	303	302	194	—	6.1	139	—
MGT-51 116-119	—	—	—	Kimberlite	2009	8.8	0.05	1.6	0.005	—	—	308	306	197	—	6.3	143	—
MGT-51 119-122	—	—	—	Kimberlite	2009	8.8	0.04	1.3	0.005	—	—	298	297	239	—	6.4	146	—
MGT-51 122-125	—	—	—	Kimberlite	2009	8.5	0.04	1.3	0.005	—	—	329	327	263	—	8.2	187	—
MGT-64 255-258	—	—	—	Kimberlite	2009	9.1	0.01	0.31	0.005	—	—	317	317	1014	—	3.8	86	—
MGT-64 258-261	—	—	—	Kimberlite	2009	8.9	0.02	0.63	0.005	—	—	311	311	498	—	2.7	62	—
MGT-64 261-264	—	—	—	Kimberlite	2009	9.0	0.03	0.94	0.005	—	—	309	308	329	—	1.8	41	—
MGT-64 264-267	—	—	—	Kimberlite	2009	8.9	0.03	0.94	0.005	—	—	302	301	322	—	1.9	43	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Misery (continued)																		
MGT-64 267-270	—	—	—	Kimberlite	2009	8.8	0.02	0.63	0.005	—	—	317	316	507	—	3.2	73	—
MGT-51 100-103	—	—	—	Kimberlite	2009	8.4	0.04	1.3	0.005	—	—	242	240	193	—	5.5	124	—
MGT-51 103-106	—	—	—	Kimberlite	2009	8.4	0.06	1.9	0.005	—	—	270	268	144	—	6.8	156	—
MGT-51 106-109	—	—	—	Kimberlite	2009	8.4	0.07	2.2	0.02	—	—	354	352	162	—	6.7	153	—
MGT-52 283-285	—	—	—	Kimberlite	2009	8.9	0.12	3.8	0.005	—	—	281	277	75	—	6.1	140	—
MGT-52 287-290	—	—	—	Kimberlite	2009	8.6	0.58	18	0.04	—	—	180	162	9.9	—	3.6	82	—
MGT-54 294-296	—	—	—	Kimberlite	2009	8.5	0.37	12	0.03	—	—	171	159	15	—	1.1	24	—
MGT-03 - 102	MGT-03	102	110	Kimberlite	30-Dec-07	8.8	0.02	0.63	0.02	0.01	0.31	346	345	554	—	—	—	—
MGT-03 - 112	MGT-03	112	121	Kimberlite	30-Dec-07	8.7	0.01	0.31	0.01	0.01	0.31	359	359	1,149	—	—	—	—
MGT-03 - 123	MGT-03	123	131	Kimberlite	30-Dec-07	8.8	0.01	0.31	0.01	0.01	0.31	355	355	1,136	—	—	—	—
MGT-03 - 133	MGT-03	133	141	Kimberlite	30-Dec-07	9.3	0.01	0.31	0.01	0.01	0.31	367	367	1,174	—	—	—	—
MGT-03 - 143	MGT-03	143	151	Kimberlite	30-Dec-07	9.4	0.01	0.31	0.01	0.01	0.31	390	390	1,248	—	—	—	—
MGT-03 - 153	MGT-03	153	161	Kimberlite	30-Dec-07	10.2	0.02	0.63	0.01	0.02	0.63	383	382	613	—	—	—	—
MGT-03 - 163	MGT-03	163	171	Kimberlite	30-Dec-07	10.3	0.02	0.63	0.02	0.01	0.31	409	408	654	—	—	—	—
MGT-03 - 173	MGT-03	173	181	Kimberlite	30-Dec-07	9.8	0.01	0.31	0.01	0.01	0.31	402	402	1,286	—	—	—	—
MGT-03 - 183	MGT-03	183	191	Kimberlite	30-Dec-07	9.8	0.02	0.63	0.01	0.02	0.63	408	407	653	—	—	—	—
MGT-03 - 193	MGT-03	193	201	Kimberlite	30-Dec-07	9.4	0.02	0.63	0.01	0.02	0.63	409	408	654	—	—	—	—
MGT-03 - 203	MGT-03	203	211	Kimberlite	30-Dec-07	9.6	0.01	0.31	0.01	0.01	0.31	412	412	1,318	—	—	—	—
MGT-03 - 213	MGT-03	213	221	Kimberlite	30-Dec-07	9.2	0.03	0.94	0.02	0.01	0.31	354	353	378	—	—	—	—
MGT-03 - 223	MGT-03	223	229	Kimberlite	30-Dec-07	9.7	0.02	0.63	0.01	0.02	0.63	417	416	667	—	—	—	—
M-8 - 27	M-8	27	29	Kimberlite	30-Dec-07	6.4	0.96	30	0.23	0.73	23	31	0.90	1.0	—	—	—	—
M-8 - 31	M-8	31	33	Kimberlite	30-Dec-07	6.2	0.89	28	0.35	0.54	17	41	13	1.5	—	—	—	—
M-8 - 40	M-8	40	42	Kimberlite	30-Dec-07	8.1	0.47	15	0.07	0.40	13	300	285	20	—	—	—	—
M-8 - 48	M-8	48	50	Kimberlite	30-Dec-07	8.1	0.41	13	0.12	0.29	9.1	328	315	26	—	—	—	—
M-8 - 52	M-8	52	54	Kimberlite	30-Dec-07	8.1	0.41	13	0.12	0.29	9.1	328	315	26	—	—	—	—
M-8 - 62	M-8	62	64	Kimberlite	30-Dec-07	8.2	0.34	11	0.07	0.27	8.4	372	361	35	—	—	—	—
M-8 - 66	M-8	66	68	Kimberlite	30-Dec-07	8.2	0.86	27	0.14	0.72	23	327	300	12	—	—	—	—
M-8 - 96	M-8	96	98	Kimberlite	30-Dec-07	8.3	0.16	5.0	0.04	0.12	3.8	342	337	68	—	—	—	—
M-8 - 124	M-8	124	126	Kimberlite	30-Dec-07	8.2	0.40	13	0.05	0.35	11	354	341	28	—	—	—	—
M-8 - 128	M-8	128	130	Kimberlite	30-Dec-07	8.3	0.31	9.7	0.05	0.26	8.1	365	355	38	—	—	—	—
M-8 - 132	M-8	132	134	Kimberlite	30-Dec-07	8.1	0.43	13	0.06	0.37	12	369	356	27	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Misery (continued)																		
M-8 - 134	M-8	134	136	Kimberlite	30-Dec-07	7.9	0.76	24	0.09	0.67	21	349	325	15	—	—	—	—
M-8 - 140	M-8	140	142	Kimberlite	30-Dec-07	8.2	0.65	20	0.05	0.60	19	372	352	18	—	—	—	—
M-8 - 142	M-8	142	144	Kimberlite	30-Dec-07	8.2	0.36	11	0.04	0.32	10	380	368	34	—	—	—	—
M-8 - 156	M-8	156	158	Kimberlite	30-Dec-07	8.2	0.49	15	0.07	0.42	13	340	325	22	—	—	—	—
M-8 - 158	M-8	158	160	Kimberlite	30-Dec-07	8.1	0.55	17	0.08	0.47	15	369	352	21	—	—	—	—
M-8 - 160	M-8	160	162	Kimberlite	30-Dec-07	8.0	0.14	4.4	0.07	0.07	2.2	347	343	79	—	—	—	—
M-8 - 164	M-8	164	166	Kimberlite	30-Dec-07	8.4	0.36	11	0.05	0.31	9.7	367	356	33	—	—	—	—
M-8 - 176	M-8	176	178	Kimberlite	30-Dec-07	8.2	0.65	20	0.09	0.56	18	361	340	18	—	—	—	—
M-8 - 178	M-8	178	180	Kimberlite	30-Dec-07	8.3	0.62	19	0.08	0.54	17	281	262	15	—	—	—	—
M-8 - 182	M-8	182	184	Kimberlite	30-Dec-07	8.2	0.77	24	0.13	0.64	20	347	323	14	—	—	—	—
M-8 - 188	M-8	188	190	Kimberlite	30-Dec-07	8.4	0.55	17	0.09	0.46	14	366	349	21	—	—	—	—
M-8 - 206	M-8	206	208	Kimberlite	30-Dec-07	8.4	0.50	16	0.11	0.39	12	374	359	24	—	—	—	—
M-8 - 208	M-8	208	210	Kimberlite	30-Dec-07	8.3	0.44	14	0.07	0.37	12	393	379	29	—	—	—	—
M-8 - 210	M-8	210	212	Kimberlite	30-Dec-07	8.3	0.40	13	0.08	0.32	10	403	390	32	—	—	—	—
M-8 - 214	M-8	214	216	Kimberlite	30-Dec-07	8.4	0.42	13	0.06	0.36	11	394	381	30	—	—	—	—
M-8 - 220	M-8	220	222	Kimberlite	30-Dec-07	8.3	0.63	20	0.08	0.55	17	387	367	20	—	—	—	—
M-8 - 236	M-8	236	238	Kimberlite	30-Dec-07	8.4	0.46	14	0.11	0.35	11	204	189	14	—	—	—	—
M-19 - 76	M-19	76	78	Kimberlite	30-Dec-07	8.7	0.56	18	0.07	0.50	16	185	168	11	—	—	—	—
M-19 - 100	M-19	100	102	Kimberlite	30-Dec-07	8.6	0.749	23	0.08	0.67	21	172	149	7.3	—	—	—	—
M-19 - 106	M-19	106	108	Kimberlite	30-Dec-07	8.7	0.589	18	0.08	0.51	16	191	173	10	—	—	—	—
M-34 - 210	M-34	210	212	Kimberlite	30-Dec-07	8.8	0.32	10	0.05	0.27	8.4	397	387	40	—	—	—	—
Median						8.4	0.31	9.7	0.04	0.29	9.1	329	323	34	—	3.1	71	—
Minimum						5.1	0.01	0.31	0.005	0.01	0.31	9.8	-51	0.2	—	0.05	1.1	—
Maximum						10.3	1.94	61	0.38	1.36	43	417	416	1,318	—	8.2	187	—
Count						77	77	77	77	57	57	77	77	77	0	32	32	—
Panda																		
P-7 - 38	P-7	38	40	Kimberlite	30-Dec-07	8.2	0.67	21	0.09	0.58	18	265	244	13	—	—	—	—
P-7 - 44	P-7	44	46	Kimberlite	30-Dec-07	8.4	0.42	13	0.06	0.36	11	273	260	21	—	—	—	—
P-7 - 48	P-7	48	50	Kimberlite	30-Dec-07	8.5	0.21	6.6	0.03	0.18	5.6	287	280	44	—	—	—	—
P-7 - 52	P-7	52	54	Kimberlite	30-Dec-07	8.4	0.43	13	0.03	0.40	13	312	298	23	—	—	—	—
P-7 - 58	P-7	58	60	Kimberlite	30-Dec-07	8.4	0.18	5.6	0.05	0.13	4.1	302	296	54	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
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						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Panda (continued)																		
P-7 - 62	P-7	62	64	Kimberlite	30-Dec-07	8.4	0.34	11	0.02	0.32	10	288	277	27	—	—	—	—
P-7 - 66	P-7	66	68	Kimberlite	30-Dec-07	8.5	0.27	8.4	0.08	0.19	5.9	307	299	36	—	—	—	—
P-7 - 70	P-7	70	72	Kimberlite	30-Dec-07	8.4	0.50	16	0.04	0.46	14	266	250	17	—	—	—	—
P-7 - 74	P-7	74	76	Kimberlite	30-Dec-07	8.4	0.77	24	0.06	0.71	22	261	237	11	—	—	—	—
P-7 - 80	P-7	80	82	Kimberlite	30-Dec-07	8.5	0.33	10	0.02	0.31	9.7	271	260	26	—	—	—	—
P-7 - 86	P-7	86	88	Kimberlite	30-Dec-07	8.2	0.60	19	0.05	0.55	17	257	238	14	—	—	—	—
P-7 - 108	P-7	108	110	Kimberlite	30-Dec-07	8.3	0.92	29	0.04	0.88	28	216	187	7.5	—	—	—	—
P-7 - 114	P-7	114	116	Kimberlite	30-Dec-07	8.3	1.07	33	0.04	1.03	32	237	203	7.1	—	—	—	—
P-7 - 118	P-7	118	120	Kimberlite	30-Dec-07	8.2	0.53	17	0.07	0.46	14	230	213	14	—	—	—	—
P-7 - 122	P-7	122	124	Kimberlite	30-Dec-07	8.2	0.73	23	0.05	0.68	21	256	233	11	—	—	—	—
P-7 - 128	P-7	128	130	Kimberlite	30-Dec-07	8.1	0.21	6.6	0.09	0.12	3.8	280	273	43	—	—	—	—
P-7 - 148	P-7	148	150	Kimberlite	30-Dec-07	8.4	0.35	11	0.03	0.32	10	303	292	28	—	—	—	—
P-7 - 152	P-7	152	154	Kimberlite	30-Dec-07	8.5	0.43	13	0.01	0.42	13	121	108	9.0	—	—	—	—
P-7 - 156	P-7	156	158	Kimberlite	30-Dec-07	8.5	0.35	11	0.03	0.32	10	118	107	11	—	—	—	—
P-7 - 218	P-7	218	220	Kimberlite	30-Dec-07	8.5	0.50	16	0.02	0.48	15	128	113	8.2	—	—	—	—
P-7 - 236	P-7	236	238	Kimberlite	30-Dec-07	8.4	0.41	13	0.02	0.39	12	122	109	9.5	—	—	—	—
P-7 - 238	P-7	238	240	Kimberlite	30-Dec-07	8.6	0.41	13	0.03	0.38	12	465	452	36	—	—	—	—
P-7 - 240	P-7	240	242	Kimberlite	30-Dec-07	8.6	0.49	15	0.02	0.47	15	108	92	7.0	—	—	—	—
P-7 - 244	P-7	244	246	Kimberlite	30-Dec-07	8.6	0.20	6.3	0.01	0.19	5.9	99	93	16	—	—	—	—
Median						8.4	0.43	13	0.04	0.40	12	263	241	15	—	—	—	—
Minimum						8.1	0.18	5.6	0.01	0.12	3.8	99	92	7.0	—	—	—	—
Maximum						8.6	1.07	33	0.09	1.03	32	465	452	54	—	—	—	—
Count						24	24	24	24	24	24	24	24	24	0	0	0	—
Pigeon																		
97-54	97-54	113	113	Kimberlite	2000	8.8	0.005	0.16	0.005	0.005	0.16	250	250	1,600	—	—	—	—
97-54	97-54	117	117	Kimberlite	2000	8.7	0.005	0.16	0.005	0.005	0.16	246	245	1,572	—	—	—	—
97-54	97-54	145	150	Kimberlite	2000	8.7	0.05	1.6	0.03	0.02	0.63	188	186	120	—	—	—	—
97-54	97-54	172	174	Kimberlite	2000	8.4	0.005	0.16	0.005	0.005	0.16	114	114	728	—	—	—	—
97-54	97-54	210	215	Kimberlite	2000	8.9	0.02	0.63	0.01	0.01	0.31	158	157	252	—	—	—	—
97-54	97-54	310	310	Kimberlite	2000	8.8	0.05	1.6	0.005	0.05	1.6	161	159	103	—	—	—	—
97-55	97-55	198	198	Kimberlite	2000	8.2	0.04	1.3	0.04	0.000	—	150	149	120	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

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Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Pigeon (continued)																		
94-07	94-07	170	170	Kimberlite	2000	8.1	0.02	0.63	0.01	0.01	0.31	122	121	195	—	—	—	—
94-07	94-07	225	225	Kimberlite	2000	8.9	0.02	0.63	0.005	0.02	0.63	201	200	321	—	—	—	—
97-55	97-55	205	210	Kimberlite	2000	8.9	0.02	0.63	—	0.02	0.63	198	197	317	0.94	—	78	—
97-55	97-55	250	250	Kimberlite	2000	8.6	0.04	1.3	0.005	0.04	1.3	213	212	170	—	—	—	—
94-7 72-77	94-7	72	77	Kimberlite	2001	—	0.14	4.4	—	—	—	—	—	—	—	0.1	2.3	—
94-7 77-80.2	94-7	77	80.2	Kimberlite	2001	8.9	0.10	3.1	0.01	0.09	2.8	9.0	6	2.9	—	0.1	2.3	—
94-07	94-07	120	120	Kimberlite	2000	8.0	0.27	8.4	0.05	0.22	6.9	135	127	16	0.94	—	78	—
97-55	97-55	79	83	Kimberlite	2000	7.6	0.26	8.1	0.06	0.20	6.3	83	75	10	—	—	—	—
97-55	97-55	137	137	Kimberlite	2000	7.8	0.25	7.8	0.05	0.20	6.3	122	114	16	—	—	—	—
Median						8.7	0.04	1.3	0.01	0.02	0.63	158	157	170	0.94	0.1	40	—
Minimum						7.6	0.005	0.16	0.005	0.000	0.16	9.0	6	2.9	0.94	0.1	2.3	—
Maximum						8.9	0.27	8.4	0.06	0.22	6.9	250	250	1,600	0.94	0.1	78	—
Count						15	16	16	14	15	14	15	15	15	2	2	4	—
Sable																		
SDC-03	SDC-03	132	132	Kimberlite	2003	7.8	0.06	1.9	0.02	0.04	1.3	178	176	95	—	—	—	—
SDC-03	SDC-03	132	132	Kimberlite	2003	7.8	0.06	1.9	0.02	0.04	1.3	178	176	95	—	—	—	—
SDC-04	SDC-04	130	130	Kimberlite	2003	8.1	0.07	2.2	0.03	0.04	1.3	169	167	77	—	—	—	—
SDC-10	SDC-10	207	207	Kimberlite	2003	8.7	0.12	3.8	0.03	0.09	2.8	185	181	49	—	—	—	—
SDC-12	SDC-12	423	423	Kimberlite	2003	9.6	0.15	4.7	0.02	0.13	4.1	161	157	34	—	—	—	—
SDC-13	SDC-13	236	236	Kimberlite	2003	8.8	0.07	2.2	0.01	0.06	1.9	157	155	72	—	—	—	—
SDC-01	SDC-01	126	126	Kimberlite	2003	8.0	0.09	2.8	0.03	0.06	1.9	128	125	46	—	—	—	—
SDC-06	SDC-06	155	155	Kimberlite	2003	8.0	0.04	1.3	0.005	0.04	1.3	196	194	156	—	—	—	—
95-25	95-25	138	138	Kimberlite	2003	8.1	0.32	10	0.05	0.27	8.4	143	133	14	0.43	—	36	—
95-25	95-25	297	297	Kimberlite	2003	8.4	0.04	1.3	0.01	0.03	0.94	186	184	148	—	—	—	—
SDC-06	SDC-06	290	290	Kimberlite	2003	8.9	0.13	4.1	0.02	0.11	3.4	204	200	50	—	—	—	—
SDC-08	SDC-08	126	126	Kimberlite	2003	8.2	0.11	3.4	0.02	0.09	2.8	154	151	45	0.51	—	43	—
SDC-08	SDC-08	16	126	Kimberlite	2003	—	—	—	—	—	—	—	—	—	—	—	—	—
SDC-03	SDC-03	266	266	Kimberlite	2003	8.8	0.13	4.1	0.02	0.11	3.4	176	172	43	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Sable (continued)																		
Median						8.2	0.09	2.8	0.02	0.06	1.9	176	172	50	0.47	—	39	—
Minimum						7.8	0.04	1.3	0.005	0.03	0.94	128	125	14	0.43	—	36	—
Maximum						9.6	0.32	10	0.05	0.27	8.4	204	200	156	0.51	—	43	—
Count						13	13	13	13	13	13	13	13	13	2	0	2	—
Jay																		
2014-DD-042	JGT-03	40.8	47.22	Kimberlite	2014	7.72	0.834	26.1	0.005	0.67	20.9	142.2	121.3	5.46	1.01	—	84.2	5.95
2014-DD-054	JGT-02	63.4	64.04	Kimberlite	2014	7.81	0.0025	0.08	0.005	0.005	0.2	2.5	2.5	32	0.02	—	1.7	4.48
Median						7.8	0.41825	13.1	0.005	0.34	10.5	72	62	19	0.515	—	43	5
Minimum						7.7	0.0025	0.1	0.005	0.01	0.15	3	3	5	0.02	—	2	4
Maximum						7.8	0.834	26	0.005	0.67	20.9	142	121	32	1.01	—	84	6
Count						2	2	2	2	2	2	2	2	2	2	0	2	2
Coarse Processed Kimberlite																		
TP-SRK-0-0.7m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.1	0.40	13	0.02	0.33	10	237	225	19	—	2.7	61	—
Coarse Processed Kimberlite																		
TP-SRK-0-0.7m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.1	0.40	13	0.02	0.33	10	237	225	19	—	2.7	61	—
TP-SRK-01-4m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.2	0.41	13	0.04	0.32	10	219	206	17	—	2.2	50	—
TP-SRK-02-0.07m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.3	0.40	13	0.01	0.31	9.7	213	201	17	—	2.4	55	—
TP-SRK-02-1.8m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.4	0.47	15	0.02	0.37	12	237	222	16	—	2.0	45	—
TP-SRK-02B-2.5m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.4	0.41	13	0.02	0.33	10	238	225	19	—	2.1	48	—
TP-SRK-04-0-0.5m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.5	0.35	11	0.01	0.29	9.1	234	223	21	—	2.4	55	—
TP-SRK-04-3.0m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.2	0.39	12	0.02	0.34	11	208	196	17	—	2.5	57	—
TP-SRK-05-0m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.3	0.23	7.2	0.03	0.16	5.0	163	156	23	—	1.4	32	—
TP-SRK-06-0-0.6m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.3	0.38	12	0.01	0.33	10	232	220	20	—	2.2	50	—
TP-SRK-09-0-10	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.4	0.49	15	0.02	0.42	13	259	244	17	—	3.0	68	—
TP-SRK-09-10-20m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.1	0.40	13	0.04	0.31	9.7	238	226	19	—	2.8	64	—
TP-SRK-09B-0-15m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.1	0.40	13	0.03	0.34	11	243	231	19	—	2.8	64	—
TP-SRK-10-0-5m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	7.9	0.45	14	0.07	0.36	11	190	176	14	—	1.6	36	—
TP-SRK-10-0-0.05	—	—	—	Coarse Processed Kimberlite	30-Oct-02	7.8	0.35	11	0.06	0.27	8.4	75	64	6.9	—	1.2	27	—
TP-SRK-10-DARKm	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.0	0.58	18	0.09	0.45	14	243	225	13	—	2.6	59	—
TP-SRK-13-10-15m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.2	0.33	10	0.04	0.26	8.1	216	206	21	—	2.2	50	—
TP-SRK-14-0-10m	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.6	0.24	7.5	0.02	0.18	5.6	238	231	32	—	1.1	25	—
TP-SRK-CK-OCT/02	—	—	—	Coarse Processed Kimberlite	30-Oct-02	8.6	0.39	12	0.02	0.32	10	244	232	20	—	2.7	61	—
—	—	—	—	Coarse Processed Kimberlite	17-Oct-00	8.7	0.43	13	0.04	0.41	13	—	—	—	—	2.8	64	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Coarse Processed Kimberlite (continued)																		
—	—	—	—	Coarse Processed Kimberlite	25-Oct-00	8.5	0.46	14	0.11	0.47	15	—	—	—	—	3.0	68	—
—	—	—	—	Coarse Processed Kimberlite	1-Nov-00	8.6	0.41	13	0.12	0.38	12	—	—	—	—	3.0	68	—
—	—	—	—	Coarse Processed Kimberlite	8-Nov-00	8.0	0.41	13	0.05	0.43	13	—	—	—	—	1.6	36	—
—	—	—	—	Coarse Processed Kimberlite	14-Nov-00	8.0	0.61	19	0.07	0.64	20	—	—	—	—	2.4	55	—
—	—	—	—	Coarse Processed Kimberlite	20-Nov-00	8.2	0.30	9.4	0.04	0.28	8.8	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	21-Nov-00	7.8	0.30	9.4	0.04	0.34	11	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	24-Nov-00	7.8	0.41	13	0.04	0.41	13	—	—	—	—	3.0	68	—
—	—	—	—	Coarse Processed Kimberlite	25-Nov-00	8.0	0.34	11	0.03	0.37	12	—	—	—	—	3.2	73	—
—	—	—	—	Coarse Processed Kimberlite	26-Nov-00	7.8	0.41	13	0.05	0.40	13	—	—	—	—	3.0	68	—
—	—	—	—	Coarse Processed Kimberlite	6-Dec-00	8.0	0.26	8.1	0.03	0.28	8.8	—	—	—	—	1.2	27	—
—	—	—	—	Coarse Processed Kimberlite	14-Dec-00	8.1	0.22	6.9	0.03	0.25	7.8	—	—	—	—	1.6	36	—
—	—	—	—	Coarse Processed Kimberlite	21-Dec-00	8.1	0.36	11	0.04	0.37	12	—	—	—	—	2.2	50	—
—	—	—	—	Coarse Processed Kimberlite	25-Dec-00	8.1	0.31	9.7	0.03	0.32	10	—	—	—	—	1.2	27	—
—	—	—	—	Coarse Processed Kimberlite	26-Dec-00	8.3	0.33	10	0.03	0.34	11	—	—	—	—	1.8	41	—
—	—	—	—	Coarse Processed Kimberlite	27-Dec-00	7.9	0.45	14	0.04	0.45	14	—	—	—	—	2.2	50	—
—	—	—	—	Coarse Processed Kimberlite	28-Dec-00	8.2	0.43	13	0.03	0.41	13	—	—	—	—	2.8	64	—
—	—	—	—	Coarse Processed Kimberlite	1-Jan-01	8.3	0.34	11	0.03	0.32	10	—	—	—	—	1.6	36	—
—	—	—	—	Coarse Processed Kimberlite	2-Jan-01	8.5	0.38	12	0.03	0.36	11	—	—	—	—	3.0	68	—
—	—	—	—	Coarse Processed Kimberlite	18-Jan-01	8.4	0.39	12	0.04	0.39	12	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	22-Jan-01	8.4	0.48	15	0.03	0.47	15	—	—	—	—	2.8	64	—
—	—	—	—	Coarse Processed Kimberlite	23-Jan-01	7.9	0.47	15	0.05	0.46	14	—	—	—	—	2.2	50	—
—	—	—	—	Coarse Processed Kimberlite	25-Jan-01	8.0	0.52	16	0.05	0.57	18	—	—	—	—	2.0	45	—
—	—	—	—	Coarse Processed Kimberlite	30-Jan-01	8.0	0.49	15	0.03	0.47	15	—	—	—	—	2.4	55	—
—	—	—	—	Coarse Processed Kimberlite	1-Feb-01	8.0	0.51	16	0.04	0.54	17	—	—	—	—	3.2	73	—
—	—	—	—	Coarse Processed Kimberlite	5-Feb-01	7.9	0.40	13	0.03	0.44	14	—	—	—	—	2.4	55	—
—	—	—	—	Coarse Processed Kimberlite	12-Feb-01	7.8	0.44	14	0.04	0.46	14	—	—	—	—	2.2	50	—
—	—	—	—	Coarse Processed Kimberlite	20-Feb-01	8.0	0.34	11	0.05	0.36	11	—	—	—	—	1.8	41	—
—	—	—	—	Coarse Processed Kimberlite	26-Feb-01	7.9	0.34	11	0.04	0.36	11	—	—	—	—	2.0	45	—
—	—	—	—	Coarse Processed Kimberlite	5-Mar-01	7.9	0.35	11	0.04	0.38	12	—	—	—	—	2.2	50	—
—	—	—	—	Coarse Processed Kimberlite	12-Mar-01	8.2	0.33	10	0.03	0.37	12	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	22-Mar-01	8.1	0.40	13	0.04	0.43	13	—	—	—	—	3.0	68	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Coarse Processed Kimberlite (continued)																		
—	—	—	—	Coarse Processed Kimberlite	26-Mar-01	8.3	0.46	14	0.02	0.41	13	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	26-Mar-01	8.1	0.40	13	0.04	0.45	14	—	—	—	—	3.4	77	—
—	—	—	—	Coarse Processed Kimberlite	9-Apr-01	8.4	0.44	14	0.01	0.43	13	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	23-Apr-01	8.4	0.47	15	0.01	0.47	15	—	—	—	—	2.4	55	—
—	—	—	—	Coarse Processed Kimberlite	21-Jun-01	8.5	0.42	13	0.01	0.33	10	—	—	—	—	3.4	77	—
—	—	—	—	Coarse Processed Kimberlite	28-Jun-01	8.2	0.41	13	0.02	0.35	11	—	—	—	—	3.2	73	—
—	—	—	—	Coarse Processed Kimberlite	10-Jul-01	8.3	0.44	14	0.005	0.41	13	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	26-Jul-01	8.4	0.41	13	0.005	0.41	13	—	—	—	—	2.0	45	—
—	—	—	—	Coarse Processed Kimberlite	1-Nov-01	8.0	0.50	16	0.04	0.51	16	—	—	—	—	3.6	82	—
—	—	—	—	Coarse Processed Kimberlite	24-Sep-02	7.9	0.57	18	0.04	0.50	16	—	—	—	—	2.7	61	—
—	—	—	—	Coarse Processed Kimberlite	4-Sep-02	8.2	0.60	19	0.04	0.50	16	—	—	—	—	1.9	43	—
—	—	—	—	Coarse Processed Kimberlite	7-Jan-02	8.2	0.43	13	0.01	0.46	14	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	4-Sep-02	8.3	0.25	7.8	0.01	0.19	5.9	—	—	—	—	0.9	20	—
—	—	—	—	Coarse Processed Kimberlite	7-Jan-02	8.2	0.43	13	0.01	0.46	14	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	4-Sep-02	8.3	0.25	7.8	0.01	0.19	5.9	—	—	—	—	0.9	20	—
—	—	—	—	Coarse Processed Kimberlite	27-May-02	8.1	0.56	18	0.05	0.44	14	—	—	—	—	2.3	52	—
—	—	—	—	Coarse Processed Kimberlite	27-May-02	8.4	0.50	16	0.02	0.39	12	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	24-Sep-02	8.3	0.38	12	0.01	0.30	9.4	—	—	—	—	2.1	48	—
—	—	—	—	Coarse Processed Kimberlite	7-Jan-02	8.0	0.47	15	0.05	0.46	14	—	—	—	—	3.0	68	—
—	—	—	—	Coarse Processed Kimberlite	7-Jan-02	8.1	0.40	13	0.01	0.44	14	—	—	—	—	2.2	50	—
—	—	—	—	Coarse Processed Kimberlite	4-Sep-02	8.5	0.40	13	0.01	0.34	11	—	—	—	—	2.5	57	—
—	—	—	—	Coarse Processed Kimberlite	7-Jan-02	8.4	0.39	12	0.01	0.41	13	—	—	—	—	2.4	55	—
—	—	—	—	Coarse Processed Kimberlite	7-Jan-02	8.2	0.50	16	0.03	0.55	17	—	—	—	—	2.2	50	—
—	—	—	—	Coarse Processed Kimberlite	4-Sep-02	8.4	0.27	8.4	0.01	0.21	6.6	—	—	—	—	1.6	36	—
—	—	—	—	Coarse Processed Kimberlite	4-Sep-02	8.4	0.40	13	0.03	0.30	9.4	—	—	—	—	2.7	61	—
—	—	—	—	Coarse Processed Kimberlite	7-Jan-02	8.1	0.60	19	0.05	0.63	20	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	27-May-02	8.4	0.61	19	0.05	0.49	15	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	27-May-02	8.4	0.35	11	0.01	0.27	8.4	—	—	—	—	3.2	73	—
—	—	—	—	Coarse Processed Kimberlite	27-May-02	8.5	0.51	16	0.03	0.30	9.4	—	—	—	—	3.1	71	—
—	—	—	—	Coarse Processed Kimberlite	27-May-02	8.1	0.42	13	0.06	0.26	8.1	—	—	—	—	4.2	96	—
—	—	—	—	Coarse Processed Kimberlite	7-Jan-02	8.5	0.28	8.8	0.01	0.32	10	—	—	—	—	2.4	55	—
—	—	—	—	Coarse Processed Kimberlite	30-Oct-03	8.5	0.17	5.3	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	26-Dec-02	8.2	0.61	19	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Coarse Processed Kimberlite (continued)																		
—	—	—	—	Coarse Processed Kimberlite	23-Jan-03	8.7	0.28	8.8	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	21-Aug-03	8.4	0.15	4.7	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	20-Feb-03	8.5	0.49	15	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	20-Mar-03	8.2	0.44	14	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	19-Sep-03	8.5	0.11	3.4	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	14-Jul-03	8.3	0.18	5.6	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	13-Jun-03	9.0	0.23	7.2	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	8-Aug-03	8.5	0.13	4.1	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	6-Feb-03	8.3	0.48	15	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	6-Jul-03	8.4	0.21	6.6	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	19-Jun-03	8.6	0.28	8.8	0.02	—	—	—	—	—	—	2.5	57	—
—	—	—	—	Coarse Processed Kimberlite	19-Jun-03	8.5	0.30	9.4	0.01	—	—	—	—	—	—	2.4	55	—
—	—	—	—	Coarse Processed Kimberlite	19-Sep-03	8.5	0.11	3.4	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	19-Jun-03	8.5	0.30	9.4	0.01	—	—	—	—	—	—	2.4	55	—
—	—	—	—	Coarse Processed Kimberlite	19-Sep-03	8.5	0.11	3.4	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	30-Oct-03	8.5	0.17	5.3	—	—	—	—	—	—	—	—	—	—
—	—	—	—	Coarse Processed Kimberlite	7-Jun-04	8.4	0.14	4.4	0.04	—	—	—	—	—	—	1.6	36	—
—	—	—	—	Coarse Processed Kimberlite	4-Jul-04	8.4	0.23	7.2	0.02	—	—	—	—	—	—	2.2	50	—
—	—	—	—	Coarse Processed Kimberlite	1-Aug-04	8.3	0.32	10	0.06	—	—	—	—	—	—	2.5	57	—
—	—	—	—	Coarse Processed Kimberlite	6-Aug-04	8.2	0.27	8.4	0.06	—	—	—	—	—	—	2.5	57	—
—	—	—	—	Coarse Processed Kimberlite	11-Aug-04	8.3	0.24	7.5	0.02	—	—	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	12-Aug-04	8.2	0.28	8.8	0.04	—	—	—	—	—	—	2.9	66	—
—	—	—	—	Coarse Processed Kimberlite	18-Aug-04	8.3	0.24	7.5	0.09	—	—	—	—	—	—	2.2	50	—
—	—	—	—	Coarse Processed Kimberlite	21-Aug-04	8.3	0.20	6.3	0.01	—	—	—	—	—	—	1.7	39	—
—	—	—	—	Coarse Processed Kimberlite	31-Aug-04	8.3	0.31	9.7	0.04	—	—	—	—	—	—	1.6	36	—
—	—	—	—	Coarse Processed Kimberlite	6-Sep-04	8.3	0.23	7.2	0.02	—	—	—	—	—	—	1.8	41	—
—	—	—	—	Coarse Processed Kimberlite	10-Sep-04	8.3	0.12	3.8	0.08	—	—	—	—	—	—	1.5	34	—
—	—	—	—	Coarse Processed Kimberlite	20-Sep-04	8.4	0.10	3.1	0.03	—	—	—	—	—	—	1.5	34	—
—	—	—	—	Coarse Processed Kimberlite	1-Oct-04	8.3	0.20	6.3	0.06	—	—	—	—	—	—	2.0	45	—
—	—	—	—	Coarse Processed Kimberlite	3-Oct-04	8.4	0.28	8.8	0.05	—	—	—	—	—	—	1.8	41	—
—	—	—	—	Coarse Processed Kimberlite	10-Aug-04	7.6	0.30	9.4	0.01	—	—	—	—	—	—	1.5	34	—
—	—	—	—	Coarse Processed Kimberlite	14-Aug-04	7.7	0.18	5.6	0.01	—	—	—	—	—	—	1.9	43	—
—	—	—	—	Coarse Processed Kimberlite	4-Oct-04	7.4	0.26	8.1	0.005	—	—	—	—	—	—	2.2	50	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Coarse Processed Kimberlite (continued)																		
—	—	—	—	Coarse Processed Kimberlite	16-Oct-04	7.9	0.26	8.1	0.01	—	—	—	—	—	—	2.1	48	—
—	—	—	—	Coarse Processed Kimberlite	20-Oct-04	7.9	0.29	9.1	0.02	—	—	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	25-Oct-04	8.0	0.17	5.3	0.005	—	—	—	—	—	—	1.9	43	—
—	—	—	—	Coarse Processed Kimberlite	30-Oct-04	8.1	0.28	8.8	0.03	—	—	—	—	—	—	3.2	73	—
—	—	—	—	Coarse Processed Kimberlite	19-Nov-04	8.0	0.15	4.7	0.005	—	—	—	—	—	—	1.9	43	—
—	—	—	—	Coarse Processed Kimberlite	25-Dec-04	8.1	0.24	7.5	0.01	—	—	—	—	—	—	1.8	41	—
—	—	—	—	Coarse Processed Kimberlite	23-Jan-05	8.4	0.20	6.3	0.01	—	—	—	—	—	—	1.8	41	—
—	—	—	—	Coarse Processed Kimberlite	23-Feb-05	8.4	0.31	9.7	0.02	—	—	—	—	—	—	2.3	52	—
—	—	—	—	Coarse Processed Kimberlite	24-Mar-05	8.3	0.31	9.7	0.04	—	—	—	—	—	—	1.8	41	—
—	—	—	—	Coarse Processed Kimberlite	24-Apr-05	8.0	0.39	12	0.02	—	—	—	—	—	—	1.5	34	—
—	—	—	—	Coarse Processed Kimberlite	30-Jul-03	8.3	0.13	4.1	—	—	—	—	—	—	—	2.1	48	—
—	—	—	—	Coarse Processed Kimberlite	24-May-05	8.3	0.35	11	—	—	—	—	—	—	—	2.7	61	—
—	—	—	—	Coarse Processed Kimberlite	24-Jun-05	8.4	0.40	13	—	—	—	—	—	—	—	2.1	48	—
—	—	—	—	Coarse Processed Kimberlite	24-May-05	8.3	0.35	11	—	—	—	—	—	—	—	2.7	61	—
—	—	—	—	Coarse Processed Kimberlite	24-Jun-05	8.4	0.40	13	—	—	—	—	—	—	—	2.1	48	—
—	—	—	—	Coarse Processed Kimberlite	24-Jul-05	8.3	0.21	6.6	—	—	—	—	—	—	—	2.0	45	—
—	—	—	—	Coarse Processed Kimberlite	26-Aug-05	8.3	0.18	5.6	—	—	—	—	—	—	—	2.3	52	—
—	—	—	—	Coarse Processed Kimberlite	24-Sep-05	8.4	0.33	10	—	—	—	—	—	—	—	2.0	45	—
—	—	—	—	Coarse Processed Kimberlite	23-Oct-05	8.3	0.23	7.2	—	—	—	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	24-Nov-05	9.1	0.12	3.8	—	—	—	—	—	—	—	3.1	71	—
—	—	—	—	Coarse Processed Kimberlite	24-Nov-05	9.1	0.12	3.8	—	—	—	—	—	—	—	3.0	68	—
—	—	—	—	Coarse Processed Kimberlite	25-Dec-05	9.0	0.20	6.3	—	—	—	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	25-Dec-05	8.9	0.22	6.9	—	—	—	—	—	—	—	2.8	64	—
—	—	—	—	Coarse Processed Kimberlite	8-Sep-06	9.7	0.13	4.1	0.06	—	—	—	—	—	—	1.7	39	—
—	—	—	—	Coarse Processed Kimberlite	8-Sep-06	9.3	0.12	3.8	0.05	—	—	—	—	—	—	1.7	39	—
—	—	—	—	Coarse Processed Kimberlite	24-Mar-07	9.4	0.27	8.4	0.02	—	—	—	—	—	—	2.5	57	—
—	—	—	—	Coarse Processed Kimberlite	24-Mar-07	9.8	0.22	6.9	0.01	—	—	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	19-Jun-07	7.0	0.18	5.6	0.08	—	—	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	19-Jun-07	7.2	0.21	6.6	0.12	—	—	—	—	—	—	2.5	57	—
—	—	—	—	Coarse Processed Kimberlite	13-Aug-07	7.2	0.17	5.3	0.04	—	—	—	—	—	—	1.9	43	—
—	—	—	—	Coarse Processed Kimberlite	13-Aug-07	6.5	0.17	5.3	0.06	—	—	—	—	—	—	1.9	43	—
—	—	—	—	Coarse Processed Kimberlite	19-Sep-07	8.9	0.29	9.1	0.04	—	—	—	—	—	—	2.4	55	—
—	—	—	—	Coarse Processed Kimberlite	19-Sep-07	8.8	0.29	9.1	0.06	—	—	—	—	—	—	2.6	59	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH unit	Total Sulphur (%)	Max Acidic Potential (MAP)[a] (kg $CaCO_3$/t)	Sulphate (%)	Sulphide (%)	Acidic Potential (AP)[b] (kg $CaCO_3$/t)	Neutralization Potential (NP) (kg $CaCO_3$/t)	Net Neutralization Potential (NNP) (kg $CaCO_3$/t)	NP/MAP —	Carbonate as C (%)	Carbonate as CO_2 (%)	Carbonate Neutralization Potential (CaNP)[c] (kg $CaCO_3$/t)	NAG pH —
Kimberlite (continued)																		
Coarse Processed Kimberlite (continued)																		
—	—	—	—	Coarse Processed Kimberlite	16-Oct-07	9.1	0.16	5.0	0.03	—	—	—	—	—	—	2.2	50	—
—	—	—	—	Coarse Processed Kimberlite	16-Oct-07	9.3	0.14	4.4	0.02	—	—	—	—	—	—	2.5	57	—
—	—	—	—	Coarse Processed Kimberlite	16-Nov-07	9.1	0.23	7.2	0.04	—	—	—	—	—	—	2.1	48	—
—	—	—	—	Coarse Processed Kimberlite	16-Nov-07	9.1	0.23	7.2	0.04	—	—	—	—	—	—	2.0	45	—
—	—	—	—	Coarse Processed Kimberlite	18-Dec-07	9.6	0.16	5.0	0.06	—	—	—	—	—	—	2.1	48	—
—	—	—	—	Coarse Processed Kimberlite	18-Dec-07	9.7	0.16	5.0	0.05	—	—	—	—	—	—	1.9	43	—
—	—	—	—	Coarse Processed Kimberlite	2-Feb-08	9.1	0.24	7.5	0.005	—	—	—	—	—	—	2.9	66	—
—	—	—	—	Coarse Processed Kimberlite	2-Feb-08	9.0	0.21	6.6	0.01	—	—	—	—	—	—	2.7	61	—
—	—	—	—	Coarse Processed Kimberlite	1-May-08	9.5	0.17	5.3	0.01	—	—	—	—	—	—	2.5	57	—
—	—	—	—	Coarse Processed Kimberlite	1-May-08	9.2	0.15	4.7	0.03	—	—	—	—	—	—	2.5	57	—
—	—	—	—	Coarse Processed Kimberlite	22-Aug-08	9.5	0.22	6.9	0.005	—	—	—	—	—	—	2.7	61	—
—	—	—	—	Coarse Processed Kimberlite	22-Aug-08	9.2	0.21	6.6	0.005	—	—	—	—	—	—	2.6	59	—
—	—	—	—	Coarse Processed Kimberlite	1-Nov-08	9.4	0.19	5.9	0.01	—	—	—	—	—	—	2.8	64	—
—	—	—	—	Coarse Processed Kimberlite	1-Nov-08	9.4	0.19	5.9	0.01	—	—	—	—	—	—	2.8	64	—
—	—	—	—	Coarse Processed Kimberlite	1-Nov-08	9.3	0.19	5.9	0.03	—	—	—	—	—	—	2.7	61	—
—	—	—	—	Coarse Processed Kimberlite	2-Feb-09	9.0	0.21	6.6	0.005	—	—	—	—	—	—	3.0	68	—
—	—	—	—	Coarse Processed Kimberlite	2-Feb-09	8.9	0.20	6.3	0.01	—	—	—	—	—	—	2.9	66	—
—	—	—	—	Coarse Processed Kimberlite	1-May-09	9.4	0.17	5.3	0.005	—	—	—	—	—	—	2.4	55	—
—	—	—	—	Coarse Processed Kimberlite	1-May-09	9.2	0.18	5.6	0.01	—	—	—	—	—	—	2.5	57	—
—	—	—	—	Coarse Processed Kimberlite	1-Aug-09	8.5	0.07	2.2	0.005	—	—	—	—	—	—	2.3	52	—
—	—	—	—	Coarse Processed Kimberlite	1-Aug-09	9.1	0.06	1.9	0.03	—	—	—	—	—	—	1.8	41	—
—	—	—	—	Coarse Processed Kimberlite	1-Nov-09	9.3	0.11	3.4	0.08	—	—	—	—	—	—	2.0	45	—
—	—	—	—	Coarse Processed Kimberlite	1-Nov-09	9.2	0.11	3.4	0.09	—	—	—	—	—	—	1.9	43	—
—	—	—	—	Coarse Processed Kimberlite	21-Mar-10	8.9	0.12	3.8	0.07	—	—	—	—	—	—	2.3	52	—
—	—	—	—	Coarse Processed Kimberlite	21-Mar-10	8.7	0.11	3.4	0.04	—	—	—	—	—	—	2.2	50	—
—	—	—	—	Coarse Processed Kimberlite	7-May-10	9.3	0.14	4.4	0.04	—	—	—	—	—	—	2.0	45	—
—	—	—	—	Coarse Processed Kimberlite	7-May-10	9.3	0.11	3.4	0.03	—	—	—	—	—	—	2.1	48	—
—	—	—	—	Coarse Processed Kimberlite	5-Aug-10	9.0	0.07	2.2	0.01	—	—	—	—	—	—	2.1	48	—
—	—	—	—	Coarse Processed Kimberlite	5-Aug-10	9.0	0.07	2.2	0.02	—	—	—	—	—	—	2.2	50	—
—	—	—	—	Coarse Processed Kimberlite	2-Nov-10	9.3	0.07	2.2	0.05	—	—	—	—	—	—	1.4	32	—
—	—	—	—	Coarse Processed Kimberlite	2-Nov-10	9.5	0.09	2.8	0.03	—	—	—	—	—	—	1.3	30	—
—	—	—	—	Coarse Processed Kimberlite	7-Mar-11	9.6	0.05	1.6	0.01	—	—	—	—	—	—	1.9	43	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Coarse Processed Kimberlite (continued)																		
—	—	—	—	Coarse Processed Kimberlite	7-Mar-11	9.7	0.04	1.3	0.02	—	—	—	—	—	—	1.8	41	—
—	—	—	—	Coarse Processed Kimberlite	1-Jun-11	9.3	0.08	2.5	0.06	—	—	—	—	—	—	1.3	30	—
—	—	—	—	Coarse Processed Kimberlite	2-Jun-11	9.2	0.07	2.2	0.06	—	—	—	—	—	—	1.3	30	—
—	—	—	—	Coarse Processed Kimberlite	3-Sep-11	9.3	0.07	2.2	0.01	—	—	—	—	—	—	1.5	34	—
—	—	—	—	Coarse Processed Kimberlite	3-Sep-11	9.3	0.07	2.2	0.03	—	—	—	—	—	—	1.7	39	—
—	—	—	—	Coarse Processed Kimberlite	10-Dec-11	9.6	0.06	1.9	0.01	—	—	—	—	—	—	2.1	48	—
—	—	—	—	Coarse Processed Kimberlite	4-Mar-12	8.9	0.14	4.4	0.07	—	—	—	—	—	—	2.7	61	—
—	—	—	—	Coarse Processed Kimberlite	23-Jun-12	9.1	0.08	2.5	0.03	—	—	—	—	—	—	2.3	52	—
—	—	—	—	Coarse Processed Kimberlite	1-Sep-12	9.6	0.07	2.2	0.01	—	—	—	—	—	—	1.9	43	—
—	—	—	—	Coarse Processed Kimberlite	3-Dec-12	9.2	0.08	2.5	0.05	—	—	—	—	—	—	2.3	52	—
CK 00-11-20	—	—	—	Coarse Processed Kimberlite	—	8.2	0.30	9.4	0.04	—	—	252	243	27	—	2.6	59	—
CK 00-11-21	—	—	—	Coarse Processed Kimberlite	—	7.8	0.30	9.4	0.04	—	—	264	255	28	—	2.6	59	—
CK 00-11-24	—	—	—	Coarse Processed Kimberlite	—	7.8	0.41	13	0.04	—	—	246	233	19	—	3.0	68	—
CK 00-11-25	—	—	—	Coarse Processed Kimberlite	—	8.0	0.34	11	0.03	—	—	264	253	25	—	3.2	73	—
CKC 3SS 11- 26 3	—	—	—	Coarse Processed Kimberlite	—	7.8	0.41	13	0.05	—	—	237	224	18	—	3.0	68	—
Median						8.4	0.28	8.8	0.03	0.37	12	237	225	19	—	2.3	52	—
Minimum						6.5	0.04	1.3	0.005	0.16	5.0	75	64	6.9	—	0.9	20	—
Maximum						9.8	0.61	19	0.12	0.64	20	264	255	32	—	4.2	96	—
Count						189	189	189	164	79	79	23	23	23	0	175	175	—
Fine Processed Kimberlite																		
FK 13-SEP-04	—	—	—	Fine Processed Kimberlite	13-Sep-04	8.1	0.16	5.0	0.03	—	—	—	—	—	0.54	2.0	45	—
FK 3-JAN-04	—	—	—	Fine Processed Kimberlite	3-Jan-04	8.1	0.16	5.0	0.02	—	—	—	—	—	0.59	2.2	49	—
FK 7-FEB-04	—	—	—	Fine Processed Kimberlite	7-Feb-04	8.1	0.10	3.1	0.02	—	—	—	—	—	0.37	1.4	31	—
FK 4-APR-04	—	—	—	Fine Processed Kimberlite	4-Apr-04	8.1	0.15	4.7	0.01	—	—	—	—	—	0.37	1.4	31	—
FK 7-JUN-04	—	—	—	Fine Processed Kimberlite	7-Jun-04	8.1	0.13	4.1	0.04	—	—	—	—	—	0.47	1.7	39	—
FK 5-JUL-04	—	—	—	Fine Processed Kimberlite	5-Jul-04	8.1	0.24	7.5	0.07	—	—	—	—	—	0.55	2.0	46	—
FK 6-AUG-04	—	—	—	Fine Processed Kimberlite	6-Aug-04	7.9	0.51	16	0.11	—	—	—	—	—	0.87	3.2	73	—
FK 8-AUG-04	—	—	—	Fine Processed Kimberlite	8-Aug-04	8.2	0.12	3.8	0.06	—	—	—	—	—	0.56	2.0	47	—
FK 11-AUG-04	—	—	—	Fine Processed Kimberlite	11-Aug-04	7.9	0.47	15	0.14	—	—	—	—	—	0.95	3.5	79	—
FK 12-AUG-04	—	—	—	Fine Processed Kimberlite	12-Aug-04	8.2	0.32	10	0.04	—	—	—	—	—	0.47	1.7	39	—
FK 15-AUG-04	—	—	—	Fine Processed Kimberlite	15-Aug-04	8.0	0.34	11	0.08	—	—	—	—	—	0.8	2.9	67	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Fine Processed Kimberlite (continued)																		
FK 16-AUG-04	—	—	—	Fine Processed Kimberlite	16-Aug-04	8.1	0.33	10	0.10	—	—	—	—	—	0.79	2.9	66	—
FK 23-AUG-04	—	—	—	Fine Processed Kimberlite	23-Aug-04	8.1	0.58	18	0.06	—	—	—	—	—	0.57	2.1	48	—
FK 28-AUG-04	—	—	—	Fine Processed Kimberlite	28-Aug-04	8.2	0.28	8.8	0.06	—	—	—	—	—	0.6	2.2	50	—
FK 31-AUG-04	—	—	—	Fine Processed Kimberlite	31-Aug-04	8.3	0.17	5.3	0.04	—	—	—	—	—	0.47	1.7	39	—
FK 12-SEP-04	—	—	—	Fine Processed Kimberlite	12-Sep-04	8.2	0.11	3.4	0.01	—	—	—	—	—	0.56	2.0	47	—
FK 20-SEP-04	—	—	—	Fine Processed Kimberlite	20-Sep-04	8.3	0.15	4.7	0.02	—	—	—	—	—	0.48	1.7	40	—
FK 1-OCT-04	—	—	—	Fine Processed Kimberlite	1-Oct-04	8.1	0.44	14	0.08	—	—	—	—	—	0.51	1.9	43	—
FK 18-OCT-04	—	—	—	Fine Processed Kimberlite	18-Oct-04	8.2	0.35	11	0.07	—	—	—	—	—	0.64	2.4	53	—
FK 25-OCT-04	—	—	—	Fine Processed Kimberlite	25-Oct-04	8.1	0.27	8.4	0.05	—	—	—	—	—	0.58	2.1	48	—
FINE KIMBERLITE 30-OCT-04	—	—	—	Fine Processed Kimberlite	30-Oct-04	8.1	0.31	9.7	0.07	—	—	—	—	—	0.91	3.3	76	—
FINE KIMBERLITE 25-DEC-04	—	—	—	Fine Processed Kimberlite	25-Dec-04	8.2	0.54	17	0.07	—	—	—	—	—	0.66	2.4	55	—
FINE KIMBERLITE 23-JAN-05	—	—	—	Fine Processed Kimberlite	23-Jan-05	8.2	0.28	8.8	0.08	—	—	—	—	—	0.68	2.5	57	—
FINE KIMBERLITE 25-FEB-05	—	—	—	Fine Processed Kimberlite	25-Feb-05	8.2	0.29	9.1	0.05	—	—	—	—	—	0.54	2.0	45	—
FINE KIMBERLITE 24-MAR-05	—	—	—	Fine Processed Kimberlite	24-Mar-05	8.3	0.34	11	0.10	—	—	—	—	—	0.66	2.4	55	—
FINE KIMBERLITE 24-APR-05	—	—	—	Fine Processed Kimberlite	24-Apr-05	7.9	0.37	12	0.09	—	—	—	—	—	0.65	2.4	54	—
FINE KIMBERLITE 25-MAY-05	—	—	—	Fine Processed Kimberlite	25-May-05	8.2	0.28	8.8	0.05	—	—	—	—	—	0.73	2.7	61	—
FINE KIMBERLITE 23-JUN-05	—	—	—	Fine Processed Kimberlite	23-Jun-05	8.3	0.21	6.6	0.04	—	—	—	—	—	0.53	2.0	44	—
FINE KIMBERLITE 24-JUL-05	—	—	—	Fine Processed Kimberlite	24-Jul-05	8.3	0.16	5.0	0.05	—	—	—	—	—	0.53	2.0	44	—
FINE KIMBERLITE 23-AUG-05	—	—	—	Fine Processed Kimberlite	23-Aug-05	8.2	0.30	9.4	0.06	—	—	—	—	—	0.58	2.1	48	—
FINE KIMBERLITE 28-SEP-05A	—	—	—	Fine Processed Kimberlite	28-Sep-05	8.4	0.29	9.1	0.03	—	—	—	—	—	0.43	1.6	36	—
FINE KIMBERLITE 28-SEP-05B	—	—	—	Fine Processed Kimberlite	28-Sep-05	8.5	0.31	9.7	0.03	—	—	—	—	—	0.44	1.6	37	—
FINE KIMBERLITE 24-OCT-05	—	—	—	Fine Processed Kimberlite	24-Oct-05	8.0	0.29	9.1	0.05	—	—	—	—	—	0.68	2.5	57	—
FINE KIMBERLITE 28-NOV-05A	—	—	—	Fine Processed Kimberlite	28-Nov-05	8.5	0.26	8.1	0.08	—	—	—	—	—	0.74	2.7	62	—
FINE KIMBERLITE 28-NOV-05B	—	—	—	Fine Processed Kimberlite	28-Nov-05	8.3	0.27	8.4	0.09	—	—	—	—	—	0.7	2.6	58	—
FINE KIMBERLITE 23-DEC-05	—	—	—	Fine Processed Kimberlite	23-Dec-05	8.4	0.29	9.1	0.05	—	—	—	—	—	0.72	2.7	60	—
FINE KIMBERLITE PPD	—	—	—	Fine Processed Kimberlite	—	8.2	0.12	3.8	0.04	—	—	—	—	—	0.48	1.8	40	—
FK 00-11- 09 15	—	—	—	Fine Processed Kimberlite	—	8.2	0.29	9.1	0.02	—	—	320	311	35	—	1.4	32	—
FK 00-11- 20 27	—	—	—	Fine Processed Kimberlite	—	8.0	0.37	12	0.04	—	—	251	239	22	—	3.0	68	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Kimberlite (continued)																		
Fine Processed Kimberlite (continued)																		
Median						8.2	0.29	9.1	0.05	—	—	286	275	29	0.58	2.1	48	—
Minimum						7.9	0.10	3.1	0.01	—	—	251	239	22	0.37	1.4	31	—
Maximum						8.5	0.58	18	0.14	—	—	320	311	35	0.95	3.5	79	—
Count						39	39	39	39	0	0	2	2	2	37	39	39	—
Metasediments																		
Beartooth																		
13	BDC-05	48.01	48.44	Metasediments	2000	9.9	0.10	3.1	0.005	0.10	3.1	5.6	2.5	1.8	0.03	—	2.5	—
BDC 2-41.76	BDC 2	41.76	46.16	Metasediments	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BDC 2-50.9	BDC 2	50.9	56	Metasediments	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
BDC 5-41.76	BDC 5	41.76	47.85	Metasediments	2001	—	—	—	—	—	—	—	—	—	0.025	0.1	2.1	—
BDC 5-49.47	BDC 5	49.47	55.04	Metasediments	2001	—	—	—	—	—	—	—	—	—	—	0.2	4.5	—
BDC 5-55.04	BDC 5	55.04	58.9	Metasediments	2001	—	—	—	—	—	—	—	—	—	—	0.1	2.3	—
Median						9.9	0.10	3.1	0.005	0.10	3.1	5.6	2.5	1.8	0.028	0.1	2.3	—
Minimum						9.9	0.10	3.1	0.005	0.10	3.1	5.6	2.5	1.8	0.025	0.1	2.1	—
Maximum						9.9	0.10	3.1	0.005	0.10	3.1	5.6	2.5	1.8	0.03	0.2	4.5	—
Count						1	1	1	1	1	1	1	1	1	2	5	6	—
Koala																		
KS 390-25 1a	—	—	—	Metasediments	19-Aug-02	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KS 390-25 2a	—	—	—	Metasediments	19-Aug-02	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KS-390-23 1a	—	—	—	Metasediments	19-Aug-02	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KS-390-23 2a	—	—	—	Metasediments	19-Aug-02	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KS-390-24-1a	—	—	—	Metasediments	4-Sep-02	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KS-390-24-1a	—	—	—	Metasediments	17-Aug-02	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KS-390-24-2a	—	—	—	Metasediments	4-Sep-02	9.6	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KS-390-24-2a	—	—	—	Metasediments	17-Aug-02	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KS-390-26T-1a	—	—	—	Metasediments	4-Sep-02	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KS-390-26T-2a	—	—	—	Metasediments	4-Sep-02	9.8	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KS-390-27-1a	—	—	—	Metasediments	17-Aug-02	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KS-390-27-2a	—	—	—	Metasediments	17-Aug-02	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KS-390-37-1a	—	—	—	Metasediments	4-Sep-02	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KS-390-37-2a	—	—	—	Metasediments	4-Sep-02	9.6	0.04	1.3	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Koala (continued)																		
KS-390-38-1a	—	—	—	Metasediments	4-Sep-02	9.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KS-390-38-2a	—	—	—	Metasediments	4-Sep-02	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KS 375-03 1a	—	—	—	Metasediments	19-Aug-02	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KS 375-03 2a	—	—	—	Metasediments	19-Aug-02	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KS 375-05 1a	—	—	—	Metasediments	19-Aug-02	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KS 375-05 2a	—	—	—	Metasediments	19-Aug-02	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KS-375-09-1a	—	—	—	Metasediments	17-Aug-02	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KS-375-09-2a	—	—	—	Metasediments	17-Aug-02	8.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KS-375-10-1a	—	—	—	Metasediments	17-Aug-02	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KS-375-10-2a	—	—	—	Metasediments	17-Aug-02	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KS-375-11-1a	—	—	—	Metasediments	17-Aug-02	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KS-375-11-2a	—	—	—	Metasediments	17-Aug-02	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KS-375-12-1a	—	—	—	Metasediments	17-Aug-02	9.8	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KS-375-12-2a	—	—	—	Metasediments	17-Aug-02	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KS-375-14-1a	—	—	—	Metasediments	4-Sep-02	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KS-375-14-1a	—	—	—	Metasediments	4-Sep-02	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KS-375-14-2a	—	—	—	Metasediments	4-Sep-02	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KS-375-14-2a	—	—	—	Metasediments	4-Sep-02	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KS-375-20-1A	—	—	—	Metasediments	24-Sep-02	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KS-375-20-2A	—	—	—	Metasediments	24-Sep-02	8.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KS-375-22REV1-1A	—	—	—	Metasediments	24-Sep-02	8.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KS-375-22REV1-2A	—	—	—	Metasediments	24-Sep-02	8.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KS-360-05-1A	—	—	—	Metasediments	24-Sep-02	8.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KS-360-05-2A	—	—	—	Metasediments	24-Sep-02	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
Median						9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
Minimum						8.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
Maximum						9.8	0.05	1.6	—	—	—	—	—	—	—	—	—	—
Count						38	38	38	0	0	0	0	0	0	0	0	0	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Misery																		
MGT-66 45-48	—	—	—	Metasediments	2009	9.2	0.16	5.0	0.005	—	—	12	6.7	2.3	—	0.44	10	—
MGT-66 50-53	—	—	—	Metasediments	2009	9.4	0.18	5.6	0.005	—	—	17	11	3.0	—	0.63	14	—
MGT-66 81.03-82.28	—	—	—	Metasediments	2009	9.4	0.12	3.8	0.005	—	—	6.2	2.5	1.7	—	0.1	2.3	—
MGT-66 100.58-102.04	—	—	—	Metasediments	2009	9.1	0.33	10	0.005	—	—	11	0.59	1.1	—	0.05	1.1	—
MGT-49 273-276	—	—	—	Metasediments	2009	9.2	0.13	4.1	0.005	—	—	5.3	1.2	1.3	—	0.05	1.1	—
MDC-4 15.02	—	—	—	Metasediments	2001	7.4	0.17	5.3	0.005	0.18	5.6	7.0	1.7	1.3	—	0.1	2.3	—
MDC-4 26.4	—	—	—	Metasediments	2001	8.7	0.20	6.3	0.005	0.20	6.3	7.0	0.75	1.1	—	0.1	2.3	—
MDC-4 31.5	—	—	—	Metasediments	2001	9.1	0.18	5.6	0.005	0.19	5.9	8.0	2.4	1.4	—	0.1	2.3	—
MDC-4 37.06	—	—	—	Metasediments	2001	8.9	0.17	5.3	0.005	0.18	5.6	8.0	2.7	1.5	—	0.1	2.3	—
MDC-4 46.8	—	—	—	Metasediments	2001	8.4	0.18	5.6	0.005	0.18	5.6	7.0	1.4	1.2	—	0.1	2.3	—
MDC-4 53.4	—	—	—	Metasediments	2001	8.3	0.13	4.1	0.005	0.14	4.4	7.0	2.9	1.7	—	0.1	2.3	—
MDC-4 59.04	—	—	—	Metasediments	2001	8.9	0.34	11	0.005	0.34	11	11	0.38	1.0	—	0.1	2.3	—
MDC-4 70.78	—	—	—	Metasediments	2001	9.2	0.22	6.9	0.005	0.24	7.5	9.0	2.1	1.3	—	0.1	2.3	—
MDC-6 14.32	—	—	—	Metasediments	2001	9.6	0.14	4.4	0.005	0.15	4.7	13.0	8.6	3.0	—	0.1	2.3	—
MDC-6 75.69	—	—	—	Metasediments	2001	9.4	0.11	3.4	0.005	0.12	3.8	10.0	6.6	2.9	—	0.1	2.3	—
MDC-6 104.66	—	—	—	Metasediments	2001	9.0	0.13	4.1	0.005	0.14	4.4	9.0	4.9	2.2	—	0.1	2.3	—
MDC-6 144.7	—	—	—	Metasediments	2001	9.1	0.25	7.8	0.005	0.26	8.1	9.0	1.2	1.2	—	0.1	2.3	—
MDC-6 190	—	—	—	Metasediments	2001	9.1	0.22	6.9	0.005	0.23	7.2	8.0	1.1	1.2	—	0.1	2.3	—
MDC-8 18.85	—	—	—	Metasediments	2001	8.3	0.36	11	0.005	0.37	12	10	-1.3	0.89	—	0.2	4.5	—
MDC-8 46.48	—	—	—	Metasediments	2001	9.3	0.23	7.2	0.005	0.23	7.2	10	2.8	1.4	—	0.1	2.3	—
MDC-8 157.28	—	—	—	Metasediments	2001	8.8	0.17	5.3	0.005	0.19	5.9	11	5.7	2.1	—	0.1	2.3	—
MDC-4 25.7	—	—	—	Metasediments	2001	9.1	0.07	2.2	0.005	0.08	2.5	9.0	6.8	4.1	—	0.1	2.3	—
MDC-4 87.47	—	—	—	Metasediments	2001	9.3	0.15	4.7	0.005	0.16	5.0	12	7.3	2.6	—	0.1	2.3	—
MS 450-30 A	—	—	—	Metasediments	4-Jan-01	9.3	0.005	0.16	—	—	—	7.0	6.8	45	—	—	—	—
MS 450-30 B	—	—	—	Metasediments	4-Jan-01	9.1	0.005	0.16	—	—	—	4.0	3.8	26	—	—	—	—
MS 450-34-1A	—	—	—	Metasediments	5-Feb-01	7.9	0.05	1.6	0.04	0.05	1.6	6.0	4.4	3.8	—	0.1	2.3	—
MS 450-34-2A	—	—	—	Metasediments	5-Feb-01	8.0	0.04	1.3	0.06	0.05	1.6	6.0	4.8	4.8	—	0.1	2.3	—
MS 450-35-2A	—	—	—	Metasediments	5-Feb-01	8.3	0.005	0.16	0.01	0.01	0.31	6.0	5.8	38	—	0.2	4.5	—
MS-440-E-01	—	—	—	Metasediments	12-Oct-12	9.3	0.20	6.3	0.01	—	—	11	4.8	1.8	—	0.1	2.3	—
MS-440-E-02	—	—	—	Metasediments	12-Oct-12	9.2	0.18	5.6	0.01	—	—	11	5.4	2.0	—	0.1	2.3	—
MS-440-SE-01	—	—	—	Metasediments	12-Oct-12	8.7	0.23	7.2	0.005	—	—	10	2.8	1.4	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Misery (continued)																		
MPS 440-01 A	—	—	—	Metasediments	—	8.2	0.11	3.4	0.005	0.11	3.4	7.0	3.6	2.0	—	0.1	2.3	—
MPS 440-01-05 A1	—	—	—	Metasediments	—	8.1	0.15	4.7	0.09	0.12	3.8	7.0	2.3	1.5	—	0.2	4.5	—
MPS 440-01-05 A2	—	—	—	Metasediments	—	8.6	0.14	4.4	0.07	0.13	4.1	8.0	3.6	1.8	—	0.1	2.3	—
MPS 440-01-05 A3	—	—	—	Metasediments	—	8.2	0.09	2.8	0.01	0.09	2.8	8.0	5.2	2.8	—	0.1	2.3	—
MPS 440-01-05 A4	—	—	—	Metasediments	—	8.3	0.13	4.1	0.005	0.15	4.7	8.0	3.9	2.0	—	0.1	2.3	—
MPS 440-01-05 A5	—	—	—	Metasediments	—	8.1	0.14	4.4	0.01	0.12	3.8	8.0	3.6	1.8	—	0.2	4.5	—
MPS 440-01-05 A6	—	—	—	Metasediments	—	8.2	0.10	3.1	0.01	0.10	3.1	9.0	5.9	2.9	—	0.1	2.3	—
MPS 440-01-05 A7	—	—	—	Metasediments	—	8.6	0.13	4.1	0.01	0.10	3.1	7.0	2.9	1.7	—	0.1	2.3	—
MPS 440-01-05 A8	—	—	—	Metasediments	—	8.4	0.12	3.8	0.01	0.09	2.8	8.0	4.3	2.1	—	0.1	2.3	—
MPS 440-06 A	—	—	—	Metasediments	—	8.5	0.07	2.2	0.01	0.07	2.2	7.0	4.8	3.2	—	0.2	4.5	—
MPS 440-06 AA	—	—	—	Metasediments	—	8.5	0.11	3.4	0.01	0.10	3.1	7.0	3.6	2.0	—	0.1	2.3	—
MPS 440-06 AAA	—	—	—	Metasediments	—	8.5	0.09	2.8	0.01	0.09	2.8	8.0	5.2	2.8	—	0.1	2.3	—
MS 440-01 1A	—	—	—	Metasediments	—	8.4	0.05	1.6	0.01	0.03	0.94	10	8.4	6.4	—	0.1	2.3	—
MS 440-01 2A	—	—	—	Metasediments	—	8.3	0.01	0.31	0.01	0.01	0.31	6.0	5.7	19	—	0.1	2.3	—
MS 440-01 2AA	—	—	—	Metasediments	—	7.7	0.04	1.3	0.01	0.04	1.3	6.0	4.8	4.8	—	0.1	2.3	—
MS 440-10 1A	—	—	—	Metasediments	—	8.5	0.05	1.6	0.01	0.03	0.94	9.0	7.4	5.8	—	0.1	2.3	—
MS 440-10 2A	—	—	—	Metasediments	—	8.5	0.10	3.1	0.01	0.07	2.2	8.0	4.9	2.6	—	0.1	2.3	—
MS 440-13 1A	—	—	—	Metasediments	—	7.8	0.11	3.4	0.005	0.08	2.5	7.0	3.6	2.0	—	0.1	2.3	—
MS 440-13 2A	—	—	—	Metasediments	—	8.4	0.16	5.0	0.01	0.13	4.1	9.0	4.0	1.8	—	0.1	2.3	—
MS 440-16 A	—	—	—	Metasediments	4-Jan-01	9.3	0.13	4.1	0.005	0.14	4.4	11	6.9	2.7	—	0.1	2.3	—
MS 440-16 B	—	—	—	Metasediments	4-Jan-01	8.7	0.16	5.0	0.01	0.16	5.0	9.0	4.0	1.8	—	0.1	2.3	—
MS 440-18 1A	—	—	—	Metasediments	4-Jan-01	8.4	0.19	5.9	0.005	0.17	5.3	9.0	3.1	1.5	—	0.2	4.5	—
MS 440-19 1A	—	—	—	Metasediments	4-Jan-01	7.6	0.13	4.1	0.005	0.13	4.1	9.0	4.9	2.2	—	0.1	2.3	—
MS 440-19 2A	—	—	—	Metasediments	4-Jan-01	7.7	0.03	0.94	0.005	0.06	1.9	10	9.1	11	—	0.1	2.3	—
MS 440-21 1A	—	—	—	Metasediments	4-Jan-01	7.1	0.06	1.9	0.005	0.05	1.6	6.0	4.1	3.2	—	0.1	2.3	—
MS 440-21 2A	—	—	—	Metasediments	4-Jan-01	7.2	0.05	1.6	0.005	0.005	0.16	8.0	6.4	5.1	—	0.1	2.3	—
MS 440-23 1A	—	—	—	Metasediments	4-Jan-01	8.7	0.17	5.3	0.005	0.17	5.3	10	4.7	1.9	—	0.1	2.3	—
MS 440-27 28-1A	—	—	—	Metasediments	5-Feb-01	8.2	0.31	9.7	0.01	0.29	9.1	10	0.31	1.0	—	0.1	2.3	—
MS 440-27 28-2A	—	—	—	Metasediments	5-Feb-01	8.4	0.13	4.1	0.01	0.13	4.1	13	8.9	3.2	—	0.1	2.3	—
MS 440-27-1A	—	—	—	Metasediments	5-Feb-01	7.8	0.71	22	0.01	0.67	21	13	-9.2	0.6	—	0.2	4.5	—
MS 440-27-2A	—	—	—	Metasediments	5-Feb-01	7.9	0.03	0.94	0.01	0.02	0.63	8.0	7.1	8.5	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Misery (continued)																		
MS 440-29-1A	—	—	—	Metasediments	5-Feb-01	8.2	0.20	6.3	0.01	0.18	5.6	13	6.8	2.1	—	0.1	2.3	—
MS 440-29-2A	—	—	—	Metasediments	5-Feb-01	7.8	0.19	5.9	0.01	0.18	5.6	9.0	3.1	1.5	—	0.1	2.3	—
MS 440-30-1A	—	—	—	Metasediments	5-Feb-01	8.0	0.18	5.6	—	—	—	9.0	3.4	1.6	—	—	—	—
MS 440-30-2A	—	—	—	Metasediments	5-Feb-01	7.9	0.15	4.7	—	—	—	8.0	3.3	1.7	—	—	—	—
MS 440-31-1A	—	—	—	Metasediments	5-Feb-01	7.8	0.17	5.3	0.01	0.16	5.0	7.0	1.7	1.3	—	0.1	2.3	—
MS 440-31-2A	—	—	—	Metasediments	5-Feb-01	8.4	0.19	5.9	0.01	0.16	5.0	9.0	3.1	1.5	—	0.1	2.3	—
MS 440-33-1A	—	—	—	Metasediments	5-Feb-01	8.5	0.21	6.6	0.02	0.18	5.6	8.0	1.4	1.2	—	0.1	2.3	—
MS 440-33-2A	—	—	—	Metasediments	5-Feb-01	8.5	0.19	5.9	0.01	0.19	5.9	11	5.1	1.9	—	0.1	2.3	—
MS 440-35-1A	—	—	—	Metasediments	5-Feb-01	8.5	0.03	0.94	0.02	0.04	1.3	8.0	7.1	8.5	—	0.1	2.3	—
MS 440-36-1A	—	—	—	Metasediments	5-Feb-01	8.5	0.08	2.5	0.02	0.10	3.1	19	17	7.6	—	0.1	2.3	—
MS 440-36-2A	—	—	—	Metasediments	5-Feb-01	8.3	0.14	4.4	0.01	0.15	4.7	13	8.6	3.0	—	0.1	2.3	—
MS- 440-38-1A	—	—	—	Metasediments	11-May-01	8.7	0.11	3.4	0.005	0.12	3.8	10	6.6	2.9	—	0.1	2.3	—
MS- 440-38-2A	—	—	—	Metasediments	11-May-01	7.7	0.005	0.16	0.005	0.005	0.16	6.0	5.8	38	—	0.1	2.3	—
MS- 440-43-1A	—	—	—	Metasediments	11-May-01	8.3	0.16	5.0	0.005	0.16	5.0	9.0	4.0	1.8	—	0.1	2.3	—
MS- 440-43-2A	—	—	—	Metasediments	11-May-01	7.3	0.005	0.16	0.005	0.005	0.16	7.0	6.8	45	—	0.1	2.3	—
MS K 440 46 1A	—	—	—	Metasediments	—	8.2	0.16	5.0	0.005	0.14	4.4	8.0	3.0	1.6	—	0.1	2.3	—
MS K 440 46 1B	—	—	—	Metasediments	—	8.3	0.22	6.9	0.005	0.20	6.3	10	3.1	1.5	—	0.1	2.3	—
MS- 440-49-1A	—	—	—	Metasediments	11-May-01	7.3	0.11	3.4	0.01	0.09	2.8	7.0	3.6	2.0	—	0.1	2.3	—
MS- 440-49-2A	—	—	—	Metasediments	11-May-01	7.8	0.17	5.3	0.005	0.17	5.3	7.0	1.7	1.3	—	0.1	2.3	—
MS- 440-52-1A	—	—	—	Metasediments	11-May-01	7.6	0.005	0.16	0.005	0.005	0.16	7.0	6.8	45	—	0.1	2.3	—
MS- 440-52-2A	—	—	—	Metasediments	11-May-01	7.8	0.005	0.16	0.005	0.005	0.16	6.0	5.8	38	—	0.1	2.3	—
MS- 440-64-1A	—	—	—	Metasediments	16-Aug-01	8.7	0.16	5.0	0.005	0.10	3.1	7.0	2.0	1.4	—	0.1	2.3	—
MS- 440-64-2A	—	—	—	Metasediments	16-Aug-01	8.6	0.08	2.5	0.005	0.02	0.63	6.0	3.5	2.4	—	0.1	2.3	—
MS- 440-69-1A	—	—	—	Metasediments	16-Aug-01	8.0	0.16	5.0	0.005	0.10	3.1	8.0	3.0	1.6	—	0.1	2.3	—
MS- 440-69-2A	—	—	—	Metasediments	16-Aug-01	7.9	0.18	5.6	0.005	0.12	3.8	8.0	2.4	1.4	—	0.1	2.3	—
MS-440-71-1A	—	—	—	Metasediments	7-Jan-02	8.4	0.12	3.8	0.01	0.14	4.4	10	6.3	2.7	—	0.2	4.5	—
MS-440-71-2A	—	—	—	Metasediments	7-Jan-02	8.5	0.18	5.6	0.005	0.19	5.9	10	4.4	1.8	—	0.1	2.3	—
MS-440-74-1A	—	—	—	Metasediments	7-Jan-02	8.0	0.04	1.3	0.01	0.06	1.9	9.0	7.8	7.2	—	0.2	4.5	—
MS-440-74-2A	—	—	—	Metasediments	7-Jan-02	7.9	0.10	3.1	0.01	0.11	3.4	9.0	5.9	2.9	—	0.1	2.3	—
MS-440-75-1A	—	—	—	Metasediments	7-Jan-02	7.7	0.02	0.63	0.005	0.02	0.63	9.0	8.4	14	—	0.1	2.3	—
MS-440-75-2A	—	—	—	Metasediments	7-Jan-02	7.5	0.06	1.9	0.005	0.09	2.8	9.0	7.1	4.8	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Misery (continued)																		
MS-430-NW-01	—	—	—	Metasediments	12-Oct-12	8.3	0.17	5.3	0.005	—	—	9.0	3.7	1.7	—	0.1	2.3	—
MS-430-NW-02	—	—	—	Metasediments	12-Oct-12	8.2	0.20	6.3	0.005	—	—	10	3.8	1.6	—	0.1	2.3	—
MS-430-NW-03	—	—	—	Metasediments	12-Oct-12	8.3	0.18	5.6	0.01	—	—	10	4.4	1.8	—	0.1	2.3	—
MS- 430-01-1A	—	—	—	Metasediments	11-May-01	7.7	0.14	4.4	0.005	0.15	4.7	4.0	-0.38	0.91	—	0.2	4.5	—
MS- 430-01-2A	—	—	—	Metasediments	11-May-01	7.8	0.18	5.6	0.005	0.19	5.9	11	5.4	2.0	—	0.1	2.3	—
MS- 430-02-1A	—	—	—	Metasediments	11-May-01	7.8	0.12	3.8	0.04	0.14	4.4	298	294	79	—	7.6	173	—
MS- 430-02-2A	—	—	—	Metasediments	11-May-01	8.2	0.15	4.7	0.01	0.16	5.0	19	14	4.1	—	0.4	9.1	—
MS- 430-03-1A	—	—	—	Metasediments	11-May-01	8.1	0.12	3.8	0.01	0.12	3.8	8.0	4.3	2.1	—	0.1	2.3	—
MS- 430-03-2A	—	—	—	Metasediments	11-May-01	8.3	0.18	5.6	0.005	0.18	5.6	27	21	4.8	—	0.2	4.5	—
MS- 430-04-1A	—	—	—	Metasediments	11-May-01	8.3	0.09	2.8	0.02	0.13	4.1	196	193	70	—	2.6	59	—
MS- 430-04-2A	—	—	—	Metasediments	11-May-01	8.4	0.06	1.9	0.005	0.12	3.8	90	88	48	—	2.2	50	—
MS- 430-05-1A	—	—	—	Metasediments	11-May-01	8.3	0.11	3.4	0.01	0.07	2.2	9.0	5.6	2.6	—	0.1	2.3	—
MS- 430-05-2A	—	—	—	Metasediments	11-May-01	8.0	0.10	3.1	0.005	0.10	3.1	8.0	4.9	2.6	—	0.1	2.3	—
MS- 430-06-1A	—	—	—	Metasediments	11-May-01	8.1	0.16	5.0	0.01	0.14	4.4	8.0	3.0	1.6	—	0.1	2.3	—
MS- 430-06-2A	—	—	—	Metasediments	11-May-01	8.1	0.20	6.3	0.01	0.18	5.6	9.0	2.8	1.4	—	0.1	2.3	—
MS- 430-07-1A	—	—	—	Metasediments	11-May-01	8.6	0.11	3.4	0.01	0.11	3.4	11	7.6	3.2	—	0.2	4.5	—
MS- 430-07-2A	—	—	—	Metasediments	11-May-01	8.4	0.14	4.4	0.01	0.15	4.7	9.0	4.6	2.1	—	0.1	2.3	—
MS- 430-08-1A	—	—	—	Metasediments	11-May-01	8.5	0.22	6.9	0.005	0.20	6.3	10	3.1	1.5	—	0.1	2.3	—
MS- 430-08-2A	—	—	—	Metasediments	11-May-01	8.6	0.16	5.0	0.01	0.16	5.0	9.0	4.0	1.8	—	0.1	2.3	—
MS- 430-09-1A	—	—	—	Metasediments	11-May-01	8.5	0.14	4.4	0.005	0.14	4.4	11	6.6	2.5	—	0.1	2.3	—
MS- 430-09-2A	—	—	—	Metasediments	11-May-01	8.6	0.09	2.8	0.01	0.09	2.8	8.0	5.2	2.8	—	0.2	4.5	—
MS 430 10 1A	—	—	—	Metasediments	4-Jul-01	9.2	0.17	5.3	0.005	0.11	3.4	13	7.7	2.4	—	1	23	—
MS 430 10 2A	—	—	—	Metasediments	4-Jul-01	9.4	0.22	6.9	0.005	0.20	6.3	11	4.1	1.6	—	0.2	4.5	—
MS 430 12 1A	—	—	—	Metasediments	4-Jul-01	9.0	0.16	5.0	0.005	0.14	4.4	8.0	3.0	1.6	—	0.2	4.5	—
MS 430 12 2A	—	—	—	Metasediments	4-Jul-01	9.0	0.13	4.1	0.005	0.11	3.4	14	9.9	3.4	—	0.2	4.5	—
MS 430 14 1A	—	—	—	Metasediments	4-Jul-01	8.5	0.11	3.4	0.005	0.12	3.8	9.0	5.6	2.6	—	0.1	2.3	—
MS 430 14 2A	—	—	—	Metasediments	4-Jul-01	8.7	0.10	3.1	0.005	0.10	3.1	10	6.9	3.2	—	0.1	2.3	—
MS 430 16 1A	—	—	—	Metasediments	4-Jul-01	8.7	0.11	3.4	0.005	0.06	1.9	8.0	4.6	2.3	—	0.1	2.3	—
MS 430 16 2A	—	—	—	Metasediments	4-Jul-01	8.4	0.05	1.6	0.005	0.01	0.31	10	8.4	6.4	—	0.1	2.3	—
MS 430 17 1A	—	—	—	Metasediments	4-Jul-01	9.0	0.14	4.4	0.005	0.09	2.8	11	6.6	2.5	—	0.1	2.3	—
MS 430 17 2A	—	—	—	Metasediments	4-Jul-01	9.0	0.08	2.5	0.005	0.08	2.5	12	9.5	4.8	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Misery (continued)																		
MS 430 22 1A	—	—	—	Metasediments	4-Jul-01	7.9	0.25	7.8	0.005	0.18	5.6	8.0	0.19	1.0	—	0.1	2.3	—
MS 430 22 2A	—	—	—	Metasediments	4-Jul-01	9.0	0.08	2.5	0.005	0.01	0.31	8.0	5.5	3.2	—	0.1	2.3	—
MS 430 24 1A	—	—	—	Metasediments	4-Jul-01	8.7	0.29	9.1	0.005	0.27	8.4	8.0	-1.1	0.9	—	0.2	4.5	—
MS 430 24 2A	—	—	—	Metasediments	4-Jul-01	8.7	0.25	7.8	0.005	0.23	7.2	8.0	0.19	1.0	—	0.1	2.3	—
MS 430 26 1A	—	—	—	Metasediments	4-Jul-01	8.6	0.08	2.5	0.005	0.01	0.31	12	9.5	4.8	—	0.1	2.3	—
MS 430 26 2A	—	—	—	Metasediments	4-Jul-01	8.5	0.09	2.8	0.005	0.09	2.8	10	7.2	3.6	—	0.1	2.3	—
MS 430 32 1A	—	—	—	Metasediments	4-Jul-01	9.1	0.15	4.7	0.005	0.15	4.7	12	7.3	2.6	—	0.1	2.3	—
MS 430 32 2A	—	—	—	Metasediments	4-Jul-01	8.8	0.14	4.4	0.005	0.13	4.1	9.0	4.6	2.1	—	0.1	2.3	—
MS- 430-38-1A	—	—	—	Metasediments	1-Oct-01	8.2	0.09	2.8	0.005	0.07	2.2	7.0	4.2	2.5	—	0.1	2.3	—
MS- 430-38-2A	—	—	—	Metasediments	1-Oct-01	7.7	0.12	3.8	0.005	0.11	3.4	7.0	3.3	1.9	—	0.6	14	—
MS- 430-39-1A	—	—	—	Metasediments	1-Oct-01	7.5	0.07	2.2	0.01	0.08	2.5	6.0	3.8	2.7	—	0.1	2.3	—
MS- 430-39-2A	—	—	—	Metasediments	1-Oct-01	7.9	0.02	0.63	0.005	0.01	0.31	3.0	2.4	4.8	—	0.1	2.3	—
MS- 430-40-1A	—	—	—	Metasediments	1-Oct-01	8.2	0.04	1.3	0.005	0.05	1.6	63	62	50.4	—	1.8	41	—
MS- 430-40-2A	—	—	—	Metasediments	1-Oct-01	8.3	0.24	7.5	0.005	0.24	7.5	16	8.5	2.1	—	0.6	14	—
MG/S-430-44-1A	—	—	—	Metasediments	7-Jan-02	8.7	0.17	5.3	0.005	0.20	6.3	10	4.7	1.9	—	0.1	2.3	—
MS-430-38-1A	—	—	—	Metasediments	7-Jan-02	8.8	0.10	3.1	0.005	0.05	1.6	8.0	4.9	2.6	—	0.1	2.3	—
MS-430-38-2A	—	—	—	Metasediments	7-Jan-02	9.0	0.19	5.9	0.05	0.16	5.0	12	6.1	2.0	—	0.2	4.5	—
MS-430-43-1A	—	—	—	Metasediments	7-Jan-02	8.8	0.12	3.8	0.005	0.13	4.1	16	12	4.3	—	0.2	4.5	—
MS-430-43-2A	—	—	—	Metasediments	7-Jan-02	8.6	0.05	1.6	0.01	0.06	1.9	8.0	6.4	5.1	—	0.1	2.3	—
MS-430-49-1A	—	—	—	Metasediments	7-Jan-02	8.2	0.31	9.7	0.01	0.32	10	9.0	-0.69	0.93	—	0.1	2.3	—
MS-430-49-2A	—	—	—	Metasediments	7-Jan-02	8.4	0.17	5.3	0.01	0.05	1.6	7.0	1.7	1.3	—	0.2	4.5	—
MS-430-50-1A	—	—	—	Metasediments	7-Jan-02	8.6	0.09	2.8	0.005	0.11	3.4	7.0	4.2	2.5	—	0.1	2.3	—
MS-430-50-2A	—	—	—	Metasediments	7-Jan-02	8.5	0.19	5.9	0.005	0.22	6.9	16	10	2.7	—	0.2	4.5	—
MS-430-52-1A	—	—	—	Metasediments	7-Jan-02	8.8	0.10	3.1	0.01	0.12	3.8	15	12	4.8	—	0.2	4.5	—
MS-430-52-2A	—	—	—	Metasediments	7-Jan-02	9.4	0.05	1.6	0.005	0.06	1.9	11	9.4	7.0	—	0.1	2.3	—
MS-430-53-1A	—	—	—	Metasediments	7-Jan-02	8.8	0.08	2.5	0.005	0.06	1.9	7.0	4.5	2.8	—	0.2	4.5	—
MS-430-53-2A	—	—	—	Metasediments	7-Jan-02	8.5	0.14	4.4	0.005	0.14	4.4	8.0	3.6	1.8	—	0.2	4.5	—
MS-430-54-1A	—	—	—	Metasediments	7-Jan-02	8.3	0.18	5.6	0.005	0.22	6.9	12	6.4	2.1	—	0.2	4.5	—
MS-430-54-2A	—	—	—	Metasediments	7-Jan-02	8.2	0.23	7.2	0.005	0.23	7.2	27	20	3.8	—	0.1	2.3	—
MS-430-57-1A	—	—	—	Metasediments	7-Jan-02	8.4	0.27	8.4	0.005	0.27	8.4	13	4.6	1.5	—	0.4	9.1	—
MS-430-57-2A	—	—	—	Metasediments	7-Jan-02	8.5	0.11	3.4	0.005	0.12	3.8	11	7.6	3.2	—	0.2	4.5	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Misery (continued)																		
MS-430-59-1A	—	—	—	Metasediments	27-May-02	8.7	0.20	6.3	0.005	0.17	5.3	14	7.8	2.2	—	0.4	9.1	—
MS-430-59-2A	—	—	—	Metasediments	27-May-02	9.1	0.30	9.4	0.005	0.26	8.1	9.0	-0.38	1.0	—	0.1	2.3	—
MS-420-18-01	—	—	—	Metasediments	4-Oct-12	9.4	0.18	5.6	0.01	—	—	19	13	3.4	—	0.1	2.3	—
MS-420-20-01	—	—	—	Metasediments	4-Oct-12	9.3	0.13	4.1	0.01	—	—	10	5.9	2.5	—	0.1	2.3	—
MS-420-24-01	—	—	—	Metasediments	8-Dec-12	8.3	0.17	5.3	0.005	—	—	8.0	2.7	1.5	—	0.1	2.3	—
MS-420-24-02	—	—	—	Metasediments	8-Dec-12	8.2	0.15	4.7	0.005	—	—	9.0	4.3	1.9	—	0.1	2.3	—
MS-420-25-01	—	—	—	Metasediments	8-Dec-12	8.8	0.13	4.1	0.01	—	—	10	5.9	2.5	—	0.1	2.3	—
MS-420-25-02	—	—	—	Metasediments	8-Dec-12	8.8	0.07	2.2	0.02	—	—	19	17	8.7	—	0.4	9.1	—
MS- 420-01-1A	—	—	—	Metasediments	16-Aug-01	8.4	0.09	2.8	0.005	0.07	2.2	330	327	117	—	4.2	96	—
MS- 420-01-2A	—	—	—	Metasediments	16-Aug-01	8.4	0.27	8.4	0.005	0.24	7.5	8.0	-0.44	0.95	—	0.1	2.3	—
MS- 420-05-1A	—	—	—	Metasediments	16-Aug-01	8.6	0.15	4.7	0.005	0.09	2.8	8.0	3.3	1.7	—	0.1	2.3	—
MS- 420-05-2A	—	—	—	Metasediments	16-Aug-01	9.1	0.005	0.16	0.02	0.01	0.31	4.0	3.8	26	—	0.1	2.3	—
MS- 420-06-1A	—	—	—	Metasediments	16-Aug-01	8.5	0.17	5.3	0.005	0.11	3.4	9.0	3.7	1.7	—	0.1	2.3	—
MS- 420-06-2A	—	—	—	Metasediments	16-Aug-01	8.6	0.13	4.1	0.005	0.09	2.8	8.0	3.9	2.0	—	0.1	2.3	—
MS- 420-08-1A	—	—	—	Metasediments	16-Aug-01	8.8	0.14	4.4	0.005	0.13	4.1	9.0	4.6	2.1	—	0.1	2.3	—
MS- 420-08-2A	—	—	—	Metasediments	16-Aug-01	8.9	0.13	4.1	0.005	0.09	2.8	9.0	4.9	2.2	—	0.1	2.3	—
MS- 420-09-1A	—	—	—	Metasediments	16-Aug-01	8.3	0.19	5.9	0.005	0.10	3.1	7.0	1.1	1.2	—	0.1	2.3	—
MS- 420-09-2A	—	—	—	Metasediments	16-Aug-01	8.5	0.16	5.0	0.005	0.12	3.8	7.0	2.0	1.4	—	0.1	2.3	—
MS- 420-12-1B	—	—	—	Metasediments	1-Oct-01	8.3	0.12	3.8	0.005	0.12	3.8	7.0	3.3	1.9	—	0.4	9.1	—
MS- 420-12-2B	—	—	—	Metasediments	1-Oct-01	8.6	0.16	5.0	0.005	0.15	4.7	8.0	3.0	1.6	—	0.1	2.3	—
MS- 420-16-1B	—	—	—	Metasediments	1-Oct-01	8.4	0.20	6.3	0.005	0.18	5.6	6.0	-0.25	0.96	—	0.1	2.3	—
MS- 420-16-2B	—	—	—	Metasediments	1-Oct-01	8.7	0.09	2.8	0.005	0.08	2.5	10	7.2	3.6	—	0.2	4.5	—
MS 420 22 1A	—	—	—	Metasediments	—	8.4	0.21	6.6	0.005	0.18	5.6	8.0	1.4	1.2	—	0.1	2.3	—
MS 420 22 1A	—	—	—	Metasediments	—	9.1	0.01	0.31	0.005	0.01	0.31	13	13	42	—	0.1	2.3	—
MS 420 22 1B	—	—	—	Metasediments	—	8.7	0.13	4.1	0.005	0.12	3.8	7.0	2.9	1.7	—	0.1	2.3	—
MS 420 22 1B	—	—	—	Metasediments	—	8.3	0.07	2.2	0.005	0.02	0.63	83	81	38	—	1.6	36	—
MS-420-32-1A	—	—	—	Metasediments	7-Jan-02	8.2	0.38	12	0.005	0.41	13	10	-1.9	0.84	—	0.1	2.3	—
MS-420-32-2A	—	—	—	Metasediments	7-Jan-02	8.3	0.34	11	0.005	0.35	11	12	1.4	1.1	—	0.1	2.3	—
MS-420-33-1A	—	—	—	Metasediments	7-Jan-02	8.7	0.30	9.4	0.005	0.26	8.1	12	2.6	1.3	—	0.1	2.3	—
MS-420-33-2A	—	—	—	Metasediments	7-Jan-02	8.6	0.21	6.6	0.005	0.15	4.7	9.0	2.4	1.4	—	0.2	4.5	—
MS-420-34-1A	—	—	—	Metasediments	7-Jan-02	8.6	0.15	4.7	0.005	0.14	4.4	9.0	4.3	1.9	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Misery (continued)																		
MS-420-34-2A	—	—	—	Metasediments	7-Jan-02	8.8	0.15	4.7	0.005	0.04	1.3	8.0	3.3	1.7	—	0.1	2.3	—
MS-420-35-1A	—	—	—	Metasediments	7-Jan-02	8.5	0.20	6.3	0.005	0.20	6.3	13	6.8	2.1	—	0.2	4.5	—
MS-420-35-2A	—	—	—	Metasediments	7-Jan-02	8.7	0.15	4.7	0.005	0.14	4.4	9.0	4.3	1.9	—	0.1	2.3	—
MS-420-37-1A	—	—	—	Metasediments	7-Jan-02	8.5	0.21	6.6	0.03	0.17	5.3	10	3.4	1.5	—	0.2	4.5	—
MS-420-37-2A	—	—	—	Metasediments	7-Jan-02	8.5	0.28	8.8	0.005	0.24	7.5	9.0	0.25	1.0	—	0.1	2.3	—
MS-420-39 1A	—	—	—	Metasediments	3-Apr-02	9.1	0.12	3.8	0.01	0.09	2.8	10	6.3	2.7	—	0.1	2.3	—
MS-420-39 2A	—	—	—	Metasediments	3-Apr-02	8.7	0.16	5.0	0.005	0.12	3.8	9.0	4.0	1.8	—	0.1	2.3	—
MS-420-40 2A	—	—	—	Metasediments	3-Apr-02	9.1	0.15	4.7	0.005	0.12	3.8	10	5.3	2.1	—	0.1	2.3	—
MS-420-40 IA	—	—	—	Metasediments	3-Apr-02	8.8	0.15	4.7	0.005	0.14	4.4	9.0	4.3	1.9	—	0.1	2.3	—
MS-420-40B 1B	—	—	—	Metasediments	3-Apr-02	9.3	0.17	5.3	0.005	0.13	4.1	12	6.7	2.3	—	0.1	2.3	—
MS-420-40B 2B	—	—	—	Metasediments	3-Apr-02	9.3	0.16	5.0	0.01	0.13	4.1	10	5.0	2.0	—	0.1	2.3	—
MS-420-41 1B	—	—	—	Metasediments	3-Apr-02	8.1	1.0	31	0.08	0.78	24	93	62	3.0	—	2.1	48	—
MS-420-41 2B	—	—	—	Metasediments	3-Apr-02	9.0	0.21	6.6	0.005	0.16	5.0	11	4.4	1.7	—	0.3	6.8	—
MS-420-43 1A	—	—	—	Metasediments	3-Apr-02	9.1	0.16	5.0	0.01	0.11	3.4	10	5.0	2.0	—	0.1	2.3	—
MS-420-43 2A	—	—	—	Metasediments	3-Apr-02	9.1	0.23	7.2	0.01	0.16	5.0	12	4.8	1.7	—	0.2	4.5	—
MS-420-44-1a	—	—	—	Metasediments	17-Aug-02	9.1	0.2	6.3	0.01	0.18	5.6	8.0	1.8	1.3	—	0.1	2.3	—
MS-420-44-2a	—	—	—	Metasediments	17-Aug-02	8.8	0.17	5.3	0.01	0.14	4.4	7.0	1.7	1.3	—	0.1	2.3	—
MS-410-01-01	—	—	—	Metasediments	28-Oct-12	9.1	0.08	2.5	0.01	—	—	10	7.5	4.0	—	0.1	2.3	—
MS-410-01-02	—	—	—	Metasediments	28-Oct-12	8.8	0.15	4.7	0.02	—	—	12	7.3	2.6	—	0.1	2.3	—
MS 410 02 1A	—	—	—	Metasediments	—	8.7	0.21	6.6	0.005	0.20	6.3	11	4.4	1.7	—	0.1	2.3	—
MS 410 02 1B	—	—	—	Metasediments	—	8.7	0.20	6.3	0.005	0.19	5.9	12	5.8	1.9	—	0.1	2.3	—
MS 410 08 1A	—	—	—	Metasediments	—	8.9	0.13	4.1	0.005	0.11	3.4	7.0	2.9	1.7	—	0.1	2.3	—
MS 410 08 1B	—	—	—	Metasediments	—	8.8	0.03	0.9	0.005	0.02	0.63	5.0	4.1	5.3	—	0.1	2.3	—
MS 410 11 1A	—	—	—	Metasediments	—	8.3	0.17	5.3	0.005	0.15	4.7	8.0	2.7	1.5	—	0.1	2.3	—
MS 410 11 1B	—	—	—	Metasediments	—	8.4	0.16	5.0	0.005	0.13	4.1	8.0	3.0	1.6	—	0.1	2.3	—
MS-410-29 1B	—	—	—	Metasediments	3-Apr-02	8.7	0.18	5.6	0.01	0.12	3.8	13	7.4	2.3	—	0.1	2.3	—
MS-410-29 2B	—	—	—	Metasediments	3-Apr-02	8.2	0.15	4.7	0.05	0.06	1.9	329	324	70	—	2.7	61	—
MS-410-30B 1B	—	—	—	Metasediments	3-Apr-02	9.2	0.36	11	0.005	0.29	9.1	14	2.8	1.2	—	0.3	6.8	—
MS-410-30B 2B	—	—	—	Metasediments	3-Apr-02	8.9	0.35	11	0.005	0.28	8.8	65	54	5.9	—	1.6	36	—
MS-410-33 1A	—	—	—	Metasediments	3-Apr-02	8.7	0.14	4.4	0.005	0.10	3.1	8.0	3.6	1.8	—	0.1	2.3	—
MS-410-33 2B	—	—	—	Metasediments	3-Apr-02	8.6	0.22	6.9	0.01	0.13	4.1	24	17	3.5	—	0.4	9.1	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Misery (continued)																		
MS-410-34 1A	—	—	—	Metasediments	3-Apr-02	8.8	0.20	6.3	0.01	0.15	4.7	19	13	3.0	—	0.7	16	—
MS-410-34 2A	—	—	—	Metasediments	3-Apr-02	8.7	0.17	5.3	0.005	0.13	4.1	19	14	3.6	—	0.5	11	—
MS-410-35 1A	—	—	—	Metasediments	3-Apr-02	8.4	0.26	8.1	0.03	0.19	5.9	59	51	7.3	—	3.3	75	—
MS-410-35 2A	—	—	—	Metasediments	3-Apr-02	8.5	0.15	4.7	0.005	0.11	3.4	9.0	4.3	1.9	—	0.1	2.3	—
MS-410-37 1A	—	—	—	Metasediments	3-Apr-02	9.1	0.11	3.4	0.005	0.07	2.2	9.0	5.6	2.6	—	0.1	2.3	—
MS-410-37 2A	—	—	—	Metasediments	3-Apr-02	9.0	0.13	4.1	0.01	0.12	3.8	10	5.9	2.5	—	0.1	2.3	—
MS-410-39 1A	—	—	—	Metasediments	3-Apr-02	9.3	0.16	5.0	0.005	0.13	4.1	10	5.0	2.0	—	0.1	2.3	—
MS-410-39 2A	—	—	—	Metasediments	3-Apr-02	9.2	0.11	3.4	0.005	0.07	2.2	14	11	4.1	—	0.1	2.3	—
MS-410-42 1A	—	—	—	Metasediments	3-Apr-02	9.2	0.17	5.3	0.005	0.15	4.7	13	7.7	2.4	—	0.1	2.3	—
MS-410-42 2A	—	—	—	Metasediments	3-Apr-02	9.0	0.16	5.0	0.01	0.11	3.4	18	13	3.6	—	0.4	9.1	—
MS-410-43 1A	—	—	—	Metasediments	3-Apr-02	9.2	0.16	5.0	0.01	0.13	4.1	8.0	3.0	1.6	—	0.1	2.3	—
MS-410-43 2A	—	—	—	Metasediments	3-Apr-02	9.2	0.18	5.6	0.005	0.15	4.7	9.0	3.4	1.6	—	0.1	2.3	—
MS-410-45-1A	—	—	—	Metasediments	27-May-02	9.0	0.21	6.6	0.005	0.16	5.0	24	17	3.7	—	0.8	18	—
MS-410-45-1A	—	—	—	Metasediments	27-May-02	9.0	0.21	6.6	0.005	0.16	5.0	24	17	3.7	—	0.8	18	—
MS-410-45-2A	—	—	—	Metasediments	27-May-02	9.1	0.10	3.1	0.005	0.09	2.8	10	6.9	3.2	—	0.1	2.3	—
MS-410-46 1A	—	—	—	Metasediments	3-Apr-02	9.1	0.13	4.1	0.005	0.10	3.1	9.0	4.9	2.2	—	0.1	2.3	—
MS-410-46 2A	—	—	—	Metasediments	3-Apr-02	9.2	0.25	7.8	0.005	0.21	6.6	20	12	2.6	—	0.4	9.1	—
MS-410-47-1A	—	—	—	Metasediments	27-May-02	9.2	0.06	1.9	0.005	0.05	1.6	9.0	7.1	4.8	—	0.1	2.3	—
MS-410-47-1A	—	—	—	Metasediments	27-May-02	9.3	0.19	5.9	0.005	0.14	4.4	8.0	2.1	1.3	—	0.1	2.3	—
MS-410-47-2A	—	—	—	Metasediments	27-May-02	8.9	0.16	5.0	0.005	0.10	3.1	9.0	4.0	1.8	—	0.1	2.3	—
MS-410-48-1A	—	—	—	Metasediments	27-May-02	8.7	0.17	5.3	0.005	0.12	3.8	12	6.7	2.3	—	0.2	4.5	—
MS-410-48-2A	—	—	—	Metasediments	27-May-02	8.7	0.19	5.9	0.005	0.13	4.1	10	4.1	1.7	—	0.1	2.3	—
MS-410-52-1A	—	—	—	Metasediments	27-May-02	8.7	0.15	4.7	0.005	0.11	3.4	11	6.3	2.3	—	0.1	2.3	—
MS-410-52-2A	—	—	—	Metasediments	27-May-02	8.7	0.10	3.1	0.005	0.07	2.2	10	6.9	3.2	—	0.1	2.3	—
MS-410-53-1A	—	—	—	Metasediments	27-May-02	8.7	0.19	5.9	0.005	0.15	4.7	10	4.1	1.7	—	0.3	6.8	—
MS-410-53-2A	—	—	—	Metasediments	27-May-02	8.9	0.39	12	0.005	0.30	9.4	14	1.8	1.1	—	0.4	9.1	—
MS-410-54-1A	—	—	—	Metasediments	27-May-02	9.1	0.21	6.6	0.005	0.17	5.3	11	4.4	1.7	—	0.1	2.3	—
MS-410-54-2A	—	—	—	Metasediments	27-May-02	9.1	0.22	6.9	0.005	0.19	5.9	9.0	2.1	1.3	—	0.1	2.3	—
MS-410-55-1A	—	—	—	Metasediments	27-May-02	9.0	0.18	5.6	0.005	0.16	5.0	17	11	3.0	—	0.4	9.1	—
MS-410-55-2A	—	—	—	Metasediments	27-May-02	8.8	0.27	8.4	0.005	0.23	7.2	15	6.6	1.8	—	0.4	9.1	—
MS-410-58-1A	—	—	—	Metasediments	24-Sep-02	8.5	0.26	8.1	0.01	0.20	6.3	7.0	-1.1	0.86	—	0.1	2.3	—
MS-410-58-2A	—	—	—	Metasediments	24-Sep-02	8.7	0.24	7.5	0.01	0.20	6.3	8.0	0.5	1.1	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH unit	Total Sulphur (%)	Max Acidic Potential (MAP)[a] (kg $CaCO_3$/t)	Sulphate (%)	Sulphide (%)	Acidic Potential (AP)[b] (kg $CaCO_3$/t)	Neutralization Potential (NP) (kg $CaCO_3$/t)	Net Neutralization Potential (NNP) (kg $CaCO_3$/t)	NP/MAP —	Carbonate as C (%)	Carbonate as CO_2 (%)	Carbonate Neutralization Potential (CaNP)[c] (kg $CaCO_3$/t)	NAG pH —
Metasediments (continued)																		
Misery (continued)																		
MS 400-38-1a	—	—	—	Metasediments	19-Aug-02	9.3	0.22	6.9	0.01	0.18	5.6	12	5.1	1.7	—	0.1	2.3	—
MS 400-38-2a	—	—	—	Metasediments	19-Aug-02	9.5	0.15	4.7	0.01	0.11	3.4	11	6.3	2.3	—	0.1	2.3	—
MS 400-41 2a	—	—	—	Metasediments	19-Aug-02	9.5	0.13	4.1	0.01	0.10	3.1	10	5.9	2.5	—	0.1	2.3	—
MS 400-42-2a	—	—	—	Metasediments	19-Aug-02	9.2	0.17	5.3	0.01	0.12	3.8	14	8.7	2.6	—	0.1	2.3	—
MS 400-43 1a	—	—	—	Metasediments	19-Aug-02	9.7	0.21	6.6	0.01	0.14	4.4	12	5.4	1.8	—	0.1	2.3	—
MS 400-43 2a	—	—	—	Metasediments	19-Aug-02	9.3	0.13	4.1	0.01	0.09	2.8	10	5.9	2.5	—	0.1	2.3	—
MS 400-45-1a	—	—	—	Metasediments	19-Aug-02	8.7	0.19	5.9	0.005	0.12	3.8	54	48	9.1	—	0.5	11	—
MS 400-45-2a	—	—	—	Metasediments	19-Aug-02	9.3	0.09	2.8	0.01	0.07	2.2	10	7.2	3.6	—	0.1	2.3	—
MS-400-12-1A	—	—	—	Metasediments	27-May-02	8.5	0.17	5.3	0.02	0.11	3.4	80	74.7	15	—	1	23	—
MS-400-12-2A	—	—	—	Metasediments	27-May-02	8.5	0.19	5.9	0.005	0.10	3.1	32	26	5.4	—	0.4	9.1	—
MS-400-13-1A	—	—	—	Metasediments	27-May-02	8.3	0.10	3.1	0.005	0.07	2.2	16	13	5.1	—	0.1	2.3	—
MS-400-13-2A	—	—	—	Metasediments	27-May-02	8.4	0.21	6.6	0.005	0.15	4.7	9.0	2.4	1.4	—	0.1	2.3	—
MS-400-14-1A	—	—	—	Metasediments	27-May-02	8.7	0.06	1.9	0.005	0.05	1.6	56	54	30	—	2.3	52.3	—
MS-400-14-2A	—	—	—	Metasediments	27-May-02	8.4	0.20	6.3	0.005	0.14	4.4	10	3.8	1.6	—	0.2	5	—
MS-400-16-1A	—	—	—	Metasediments	27-May-02	8.8	0.15	4.7	0.005	0.14	4.4	9.0	4.3	1.9	—	0.1	2.3	—
MS-400-16-2A	—	—	—	Metasediments	27-May-02	8.8	0.12	3.8	0.005	0.08	2.5	9.0	5.3	2.4	—	0.1	2.3	—
MS-400-18-1A	—	—	—	Metasediments	27-May-02	8.8	0.24	7.5	0.005	0.21	6.6	15	7.5	2.0	—	0.3	6.8	—
MS-400-18-2A	—	—	—	Metasediments	27-May-02	9.1	0.18	5.6	0.005	0.15	4.7	9.0	3.4	1.6	—	0.1	2.3	—
MS-400-20-1A	—	—	—	Metasediments	27-May-02	9.1	0.15	4.7	0.005	0.11	3.4	7.0	2.3	1.5	—	0.1	2.3	—
MS-400-20-2A	—	—	—	Metasediments	27-May-02	8.6	0.07	2.2	0.005	0.06	1.9	8.0	5.8	3.7	—	0.1	2.3	—
MS-400-23-1A	—	—	—	Metasediments	27-May-02	8.2	0.04	1.3	0.005	0.03	0.94	48	47	38	—	1.5	34	—
MS-400-23-2A	—	—	—	Metasediments	27-May-02	8.1	0.19	5.9	0.005	0.15	4.7	7.0	1.1	1.2	—	0.1	2.3	—
MS-400-28-1A	—	—	—	Metasediments	27-May-02	9.2	0.09	2.8	0.005	0.07	2.2	11	8.2	3.9	—	0.3	6.8	—
MS-400-28-2A	—	—	—	Metasediments	27-May-02	9.3	0.11	3.4	0.005	0.07	2.2	11	7.6	3.2	—	0.1	2.3	—
MS-400-35-1A	—	—	—	Metasediments	27-May-02	8.3	0.12	3.8	0.005	0.09	2.8	9.0	5.3	2.4	—	0.1	2.3	—
MS-400-35-2A	—	—	—	Metasediments	27-May-02	8.4	0.17	5.3	0.005	0.13	4.1	10	4.7	1.9	—	0.1	2.3	—
MS-400-46-1a	—	—	—	Metasediments	17-Aug-02	9.5	0.21	6.6	0.005	0.14	4.4	9.0	2.4	1.4	—	0.1	2.3	—
MS-400-46-2a	—	—	—	Metasediments	17-Aug-02	9.2	0.18	5.6	0.01	0.14	4.4	9.0	3.4	1.6	—	0.1	2.3	—
MS-400-47-2A	—	—	—	Metasediments	27-May-02	9.4	0.27	8.4	0.01	0.20	6.3	9.0	0.56	1.1	—	0.1	2.3	—
MS-400-48-1a	—	—	—	Metasediments	17-Aug-02	9.1	0.20	6.3	0.01	0.16	5.0	8.0	1.8	1.3	—	0.1	2.3	—
MS-400-48-2a	—	—	—	Metasediments	17-Aug-02	9.3	0.25	7.8	0.01	0.20	6.3	9.0	1.2	1.2	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Misery (continued)																		
MS-400-49-1a	—	—	—	Metasediments	17-Aug-02	9.4	0.10	3.1	0.01	0.10	3.1	12	8.9	3.8	—	0.1	2.3	—
MS-400-51-1a	—	—	—	Metasediments	4-Sep-02	9.5	0.12	3.8	0.01	0.10	3.1	9.0	5.3	2.4	—	0.1	2.3	—
MS-400-51-2a	—	—	—	Metasediments	4-Sep-02	8.9	0.26	8.1	0.005	0.23	7.2	8.0	-0.13	1.0	—	0.1	2.3	—
MS-400-52T-2a	—	—	—	Metasediments	4-Sep-02	9.3	0.09	2.8	0.02	0.08	2.5	12	9.2	4.3	—	0.1	2.3	—
MS-400-53-1a	—	—	—	Metasediments	4-Sep-02	9.2	0.20	6.3	0.005	0.16	5.0	19	13	3.0	—	0.5	11	—
MS-400-53-2a	—	—	—	Metasediments	4-Sep-02	9.1	0.14	4.4	0.005	0.11	3.4	10	5.6	2.3	—	0.1	2.3	—
MS-400-54-1a	—	—	—	Metasediments	4-Sep-02	9.4	0.19	5.9	0.01	0.14	4.4	11	5.1	1.9	—	0.1	2.3	—
MS-400-54-2a	—	—	—	Metasediments	4-Sep-02	9.3	0.16	5.0	0.01	0.10	3.1	12	7.0	2.4	—	0.1	2.3	—
MS 390-13-1a	—	—	—	Metasediments	19-Aug-02	9.1	0.13	4.1	0.01	0.10	3.1	9.0	4.9	2.2	—	0.1	2.3	—
MS 390-13-2a	—	—	—	Metasediments	19-Aug-02	9.0	0.16	5.0	0.005	0.11	3.4	9.0	4.0	1.8	—	0.1	2.3	—
MS-390-01-1A	—	—	—	Metasediments	27-May-02	8.4	0.12	3.8	0.005	0.10	3.1	9.0	5.3	2.4	—	0.1	2.3	—
MS-390-01-2A	—	—	—	Metasediments	27-May-02	8.3	0.08	2.5	0.005	0.05	1.6	8.0	5.5	3.2	—	0.1	2.3	—
MS 390-12T 1a	—	—	—	Metasediments	19-Aug-02	9.3	0.09	2.8	—	—	—	17	14	6.0	—	—	—	—
MS 390-12T 2a	—	—	—	Metasediments	19-Aug-02	9.1	0.15	4.7	—	—	—	19	14	4.1	—	—	—	—
MS-390-21-1a	—	—	—	Metasediments	17-Aug-02	9.4	0.01	0.31	—	0.14	4.4	12	12	38	—	0.1	2.3	—
MS-390-21-2a	—	—	—	Metasediments	17-Aug-02	9.3	0.16	5.0	0.005	0.12	3.8	8.0	3.0	1.6	—	0.1	2.3	—
MS-390-25-1a	—	—	—	Metasediments	4-Sep-02	9.7	0.01	0.31	0.02	0.005	0.16	6.0	5.7	19	—	0.1	2.3	—
MS-390-25-2a	—	—	—	Metasediments	4-Sep-02	9.0	0.18	5.6	0.01	0.15	4.7	12	6.4	2.1	—	0.1	2.3	—
MS-390-27-1a	—	—	—	Metasediments	4-Sep-02	9.1	0.33	10	0.005	0.30	9.4	36	26	3.5	—	1.2	27	—
MS-390-27-2a	—	—	—	Metasediments	4-Sep-02	9.0	0.16	5.0	0.01	0.14	4.4	15	10	3.0	—	0.3	6.8	—
MS-390-28-1a	—	—	—	Metasediments	4-Sep-02	9.0	0.15	4.7	0.01	0.12	3.8	30	25	6.4	—	0.7	16	—
MS-390-28-2a	—	—	—	Metasediments	4-Sep-02	9.7	0.005	0.16	0.01	0.005	0.16	4.0	3.8	26	—	0.1	2.3	—
MS-390-30-1a	—	—	—	Metasediments	4-Sep-02	8.2	0.67	21	0.01	0.50	16	7.0	-14	0.3	—	0.1	2.3	—
MS-390-30-2a	—	—	—	Metasediments	4-Sep-02	9.4	0.15	4.7	0.01	0.14	4.4	11	6.3	2.3	—	0.2	4.5	—
MS-390-31-1a	—	—	—	Metasediments	4-Sep-02	9.2	0.12	3.8	0.005	0.11	3.4	8.0	4.3	2.1	—	0.1	2.3	—
MS-390-31-2a	—	—	—	Metasediments	4-Sep-02	9.5	0.17	5.3	0.01	0.15	4.7	9.0	3.7	1.7	—	0.1	2.3	—
MS-390-32-1a	—	—	—	Metasediments	4-Sep-02	9.3	0.16	5.0	0.005	0.14	4.4	8.0	3.0	1.6	—	0.1	2.3	—
MS-390-32-2a	—	—	—	Metasediments	4-Sep-02	9.2	0.25	7.8	0.01	0.21	6.6	8.0	0.19	1.0	—	0.1	2.3	—
MS-390-33-1a	—	—	—	Metasediments	4-Sep-02	9.3	0.20	6.3	0.01	0.15	4.7	8.0	1.8	1.3	—	0.1	2.3	—
MS-390-33-1a	—	—	—	Metasediments	4-Sep-02	9.2	0.27	8.4	0.01	0.22	6.9	9.0	0.56	1.1	—	0.1	2.3	—
MS-390-34-1a	—	—	—	Metasediments	4-Sep-02	9.2	0.14	4.4	0.005	0.10	3.1	9.0	4.6	2.1	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Misery (continued)																		
MS-390-34-2a	—	—	—	Metasediments	4-Sep-02	9.7	0.16	5.0	0.01	0.13	4.1	8.0	3.0	1.6	—	0.1	2.3	—
MS-390-36-1a	—	—	—	Metasediments	4-Sep-02	9.2	0.11	3.4	0.01	0.09	2.8	11	7.6	3.2	—	0.1	2.3	—
MS-390-36-2a	—	—	—	Metasediments	4-Sep-02	9.2	0.21	6.6	0.01	0.17	5.3	8.0	1.4	1.2	—	0.1	2.3	—
MS-390-37-1A	—	—	—	Metasediments	24-Sep-02	8.9	0.18	5.6	0.005	0.16	5.0	8.0	2.4	1.4	—	0.1	2.3	—
MS-390-37-2A	—	—	—	Metasediments	24-Sep-02	8.7	0.19	5.9	0.01	0.15	4.7	9.0	3.1	1.5	—	0.2	4.5	—
MS-390-38-1A	—	—	—	Metasediments	24-Sep-02	9.3	0.15	4.7	0.01	0.12	3.8	11	6.3	2.3	—	0.2	4.5	—
MS-390-39-1A	—	—	—	Metasediments	24-Sep-02	8.8	0.25	7.8	0.005	0.20	6.3	11	3.2	1.4	—	0.2	4.5	—
MS-390-39-2A	—	—	—	Metasediments	24-Sep-02	8.9	0.17	5.3	0.005	0.12	3.8	13	7.7	2.4	—	0.2	4.5	—
MS-390-40-1A	—	—	—	Metasediments	24-Sep-02	8.6	0.12	3.8	0.01	0.08	2.5	10	6.3	2.7	—	0.1	2.3	—
MS-390-40-2A	—	—	—	Metasediments	24-Sep-02	8.7	0.10	3.1	0.01	0.08	2.5	9.0	5.9	2.9	—	0.2	4.5	—
MS-380-32-2A	—	—	—	Metasediments	24-Sep-02	8.8	0.14	4.4	0.005	0.11	3.4	10	5.6	2.3	—	0.1	2.3	—
MS-380-60-1	—	—	—	Metasediments	19-Jun-03	8.9	0.30	9.4	0.02	—	—	15	5.6	1.6	—	0.2	4.5	—
MS-380-60-2	—	—	—	Metasediments	19-Jun-03	8.9	0.11	3.4	0.01	—	—	12	8.6	3.5	—	0.3	6.8	—
MS-380-58-1	—	—	—	Metasediments	19-Jun-03	8.8	0.18	5.6	0.01	—	—	12	6.4	2.1	—	0.2	4.5	—
MS-380-58-2	—	—	—	Metasediments	19-Jun-03	8.6	0.16	5.0	0.02	—	—	11	6.0	2.2	—	0.2	4.5	—
MS-370-18-2	—	—	—	Metasediments	7-May-03	8.7	0.21	6.6	0.02	—	—	2.0	-4.6	0.30	—	0.1	2.3	—
MS-360-22T-1	—	—	—	Metasediments	9-Aug-04	8.8	0.18	5.6	0.01	—	—	3.0	-2.6	0.53	—	0.1	2.3	—
MS-360-22T-2	—	—	—	Metasediments	9-Aug-04	8.5	0.01	0.31	0.01	—	—	10	9.7	32	—	0.1	2.3	—
MS-360-22T-3	—	—	—	Metasediments	9-Aug-04	8.7	0.12	3.8	0.02	—	—	6.0	2.3	1.6	—	0.1	2.3	—
MS-360-22T-4	—	—	—	Metasediments	9-Aug-04	8.6	0.01	0.31	0.01	—	—	6.0	5.7	19	—	0.1	2.3	—
MS-360-26-1	—	—	—	Metasediments	23-Aug-04	8.7	0.19	5.9	0.03	—	—	5.0	-0.94	0.84	—	0.1	2.3	—
MS-360-26-2	—	—	—	Metasediments	23-Aug-04	8.7	0.19	5.9	0.01	—	—	5.0	-0.94	0.84	—	0.1	2.3	—
MS-360-26-3	—	—	—	Metasediments	23-Aug-04	8.7	0.19	5.9	0.02	—	—	5.0	-0.94	0.84	—	0.1	2.3	—
MS-360-26-4	—	—	—	Metasediments	23-Aug-04	8.4	0.30	9.4	0.02	—	—	1.0	-8.4	0.11	—	0.1	2.3	—
MS-360-26-5	—	—	—	Metasediments	23-Aug-04	8.7	0.30	9.4	0.02	—	—	1.0	-8.4	0.11	—	0.1	2.3	—
MS-360-26-6	—	—	—	Metasediments	23-Aug-04	8.7	0.23	7.2	0.02	—	—	2.0	-5.2	0.28	—	0.1	2.3	—
MS-320-19-02 14-DEC-04	—	—	—	Metasediments	14-Dec-04	8.9	0.13	4.1	0.01	—	—	49	45	12	—	0.6	14	—
MS-320-19-01 14-DEC-04	—	—	—	Metasediments	14-Dec-04	8.5	0.15	4.7	0.005	—	—	11	6.3	2.3	—	0.3	6.8	—
MS-310-10-02 20-FEB-05	—	—	—	Metasediments	20-Feb-05	8.1	0.43	13.4	0.02	—	—	296	283	22	—	3.3	75	—
MS-310-10-01 20-FEB-05	—	—	—	Metasediments	20-Feb-05	8.3	0.13	4.1	0.03	—	—	406	402	100	—	2.8	64	—
MS-290-12-04- 3-Apr-05	—	—	—	Metasediments	3-Apr-05	9.3	0.20	6.3	0.01	—	—	53	47	8.5	—	0.6	14	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Misery (continued)																		
MS-290-12-03- 3-Apr-05	—	—	—	Metasediments	3-Apr-05	9.1	0.20	6.3	0.01	—	—	53	47	8.5	—	0.5	11	—
MS-290-12-02- 3-Apr-05	—	—	—	Metasediments	3-Apr-05	9.2	0.21	6.6	0.02	—	—	22	15	3.4	—	0.4	9.1	—
MS-290-12-01- 3-Apr-05	—	—	—	Metasediments	3-Apr-05	8.7	0.19	5.9	0.02	—	—	47	41	7.9	—	1.1	25	—
MGT-49 70-73	—	—	—	Metasediments	2009	9.4	0.19	5.9	0.005	—	—	7.3	1.4	1.2	—	0.14	3.2	—
MGT-49 125-128	—	—	—	Metasediments	2009	9.4	0.19	5.9	0.005	—	—	14	8.4	2.4	—	0.35	8.0	—
MGT-49 200-203	—	—	—	Metasediments	2009	9.2	0.19	5.9	0.005	—	—	5.8	-0.14	1.0	—	0.11	2.5	—
MGT-49 264-267	—	—	—	Metasediments	2009	9.2	0.22	6.9	0.005	—	—	5.3	-1.6	0.77	—	0.09	2.0	—
MGT-51 169-172	—	—	—	Metasediments	2009	9.2	0.19	5.9	0.005	—	—	4.9	-1.0	0.83	—	0.08	1.8	—
MGT-56 230-233	—	—	—	Metasediments	2009	9.2	0.17	5.3	0.005	—	—	5.7	0.39	1.1	—	0.12	2.7	—
MGT-56 290-293	—	—	—	Metasediments	2009	9.4	0.19	5.9	0.005	—	—	2.7	-3.2	0.45	—	0.03	0.68	—
MGT-66 9-12	—	—	—	Metasediments	2009	9.0	0.01	0.3	0.005	—	—	5.6	5.3	18	—	0.06	1.4	—
MGT-66 21-24	—	—	—	Metasediments	2009	9.6	0.14	4.4	0.005	—	—	6.0	1.6	1.4	—	0.09	2.0	—
MGT-66 33-36	—	—	—	Metasediments	2009	9.4	0.16	5.0	0.005	—	—	5.8	0.80	1.2	—	0.08	1.8	—
MGT-66 41-44	—	—	—	Metasediments	2009	9.8	0.27	8.4	0.005	—	—	13	4.9	1.6	—	0.62	14	—
MGT-66 52-65	—	—	—	Metasediments	2009	9.6	0.09	2.8	0.005	—	—	11	8.6	4.1	—	0.29	6.6	—
MGT-66 72.47-74.64	—	—	—	Metasediments	2009	10.0	0.11	3.4	0.005	—	—	7.3	3.9	2.1	—	0.13	3.0	—
MGT-66 83-86	—	—	—	Metasediments	2009	9.5	0.11	3.4	0.005	—	—	5.5	2.1	1.6	—	0.03	0.68	—
MGT-66 95-98	—	—	—	Metasediments	2009	9.7	0.19	5.9	0.005	—	—	5.2	-0.74	0.88	—	0.03	0.68	—
MGT-44 45-48	—	—	—	Metasediments	2009	8.6	0.39	12	0.005	—	—	6.1	-6.1	0.50	—	0.06	1.4	—
MGT-44 52-55	—	—	—	Metasediments	2009	8.7	0.12	3.8	0.005	—	—	9.3	5.6	2.5	—	0.24	5.5	—
MGT-44 70.5-73.5	—	—	—	Metasediments	2009	8.5	0.27	8.4	0.005	—	—	5.3	-3.1	0.63	—	0.06	1.4	—
MGT-51 72-75	—	—	—	Metasediments	2009	9.3	0.14	4.4	0.005	—	—	9.0	4.6	2.1	—	0.16	3.6	—
MGT-51 79-82	—	—	—	Metasediments	2009	9.1	0.23	7.2	0.005	—	—	7.3	0.11	1.0	—	0.07	1.6	—
MGT-51 220-223	—	—	—	Metasediments	2009	9.3	0.06	1.9	0.005	—	—	4.9	3.0	2.6	—	0.03	0.68	—
MGT-51 250-253	—	—	—	Metasediments	2009	9.0	0.21	6.6	0.005	—	—	5.6	-1.0	0.85	—	0.02	0.45	—
MGT-51 257-260	—	—	—	Metasediments	2009	9.0	0.20	6.3	0.005	—	—	6.6	0.35	1.1	—	0.06	1.4	—
MGT-51 328-330	—	—	—	Metasediments	2009	8.7	0.32	10	0.03	—	—	159	149	16	—	0.7	16	—
MS K 430 45 1A	—	—	—	Metasediments	—	8.3	0.13	4.1	0.005	0.13	4.1	319	315	79	—	3.8	86	—
MS K 430 45 1B	—	—	—	Metasediments	—	8.3	0.14	4.4	0.005	0.15	4.7	300	296	69	—	2.8	64	—
MCH-3 - 4.27	MCH-3	4.27	20.42	Metasediments	30-Dec-07	7.8	0.16	5.0	0.01	0.15	4.7	1.8	-3.2	0.36	—	—	—	—
MCH-3 - 20.42	MCH-3	20.42	30.48	Metasediments	30-Dec-07	8.4	0.18	5.6	0.005	0.18	5.5	1.5	-4.1	0.27	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Misery (continued)																		
MCH-3 - 30.48	MCH-3	30.48	50.6	Metasediments	30-Dec-07	8.7	0.20	6.3	0.005	0.20	6.1	23	17	3.7	—	—	—	—
MCH-3 - 50.6	MCH-3	50.6	67.06	Metasediments	30-Dec-07	9.0	0.14	4.4	0.005	0.14	4.2	0.1	-4.3	0.02	—	—	—	—
MCH-3 - 67.06	MCH-3	67.06	78.64	Metasediments	30-Dec-07	9.1	0.16	5.0	0.005	0.16	4.8	0.5	-4.5	0.10	—	—	—	—
MGT-03 - 10.5	MGT-03	10.5	20	Metasediments	30-Dec-07	8.9	0.11	3.4	0.01	0.10	3.1	5.0	1.6	1.5	—	—	—	—
MGT-03 - 22	MGT-03	22	30	Metasediments	30-Dec-07	8.9	0.22	6.9	0.01	0.21	6.6	5.0	-1.9	0.73	—	—	—	—
MGT-03 - 32	MGT-03	32	44	Metasediments	30-Dec-07	9.0	0.19	5.9	0.01	0.19	5.9	5.0	-0.94	0.84	—	—	—	—
MGT-03 - 70	MGT-03	70	78	Metasediments	30-Dec-07	9.3	0.16	5.0	0.01	0.16	5.0	5.0	0.00	1.0	—	—	—	—
MGT-03 - 80	MGT-03	80	90	Metasediments	30-Dec-07	9.3	0.11	3.4	0.01	0.10	3.1	4.0	0.56	1.2	—	—	—	—
MGT-04 - 58	MGT-04	58	68	Metasediments	30-Dec-07	9.0	0.15	4.7	0.01	0.15	4.7	5.0	0.31	1.1	—	—	—	—
MGT-04 - 70	MGT-04	70	80	Metasediments	30-Dec-07	9.2	0.62	19	0.01	0.61	19	10	-9.4	0.52	—	—	—	—
MGT-04 - 82	MGT-04	82	92	Metasediments	30-Dec-07	9.8	0.21	6.6	0.01	0.20	6.3	8.0	1.4	1.2	—	—	—	—
MGT-04 - 94	MGT-04	94	104	Metasediments	30-Dec-07	9.8	0.20	6.3	0.01	0.19	5.9	8.0	1.8	1.3	—	—	—	—
MGT-04 - 106	MGT-04	106	116	Metasediments	30-Dec-07	9.7	0.24	7.5	0.01	0.24	7.5	6.0	-1.5	0.80	—	—	—	—
MGT-04 - 118	MGT-04	118	128	Metasediments	30-Dec-07	9.1	0.20	6.3	0.01	0.19	5.9	4.0	-2.3	0.64	—	—	—	—
MGT-04 - 128	MGT-04	128	128.3	Metasediments	30-Dec-07	8.6	0.03	0.94	0.01	0.02	0.63	4.0	3.1	4.3	—	—	—	—
MGT-04 - 134	MGT-04	134	144	Metasediments	30-Dec-07	9.3	0.17	5.3	0.01	0.17	5.3	5.0	-0.31	0.94	—	—	—	—
MGT-04 - 146	MGT-04	146	158	Metasediments	30-Dec-07	9.2	0.24	7.5	0.01	0.24	7.5	6.0	-1.5	0.80	—	—	—	—
MGT-04 - 160	MGT-04	160	170	Metasediments	30-Dec-07	9.8	0.33	10	0.01	0.33	10	8.0	-2.3	0.78	—	—	—	—
MGT-04 - 172	MGT-04	172	184	Metasediments	30-Dec-07	9.5	0.20	6.3	0.01	0.20	6.3	10	3.8	1.60	—	—	—	—
MGT-04 - 186	MGT-04	186	198	Metasediments	30-Dec-07	9.8	0.14	4.4	0.01	0.14	4.4	5.0	0.63	1.1	—	—	—	—
MGT-04 - 200	MGT-04	200	212	Metasediments	30-Dec-07	9.3	0.18	5.6	0.01	0.17	5.3	5.0	-0.63	0.89	—	—	—	—
MGT-05 - 16	MGT-05	16	24	Metasediments	30-Dec-07	8.9	0.18	5.6	0.01	0.17	5.3	5.0	-0.63	0.89	—	—	—	—
MGT-05 - 26	MGT-05	26	38	Metasediments	30-Dec-07	8.9	0.22	6.9	0.01	0.22	6.9	6.0	-0.88	0.87	—	—	—	—
MGT-05 - 40	MGT-05	40	52	Metasediments	30-Dec-07	8.9	0.21	6.6	0.01	0.21	6.6	12	5.4	1.8	—	—	—	—
MGT-05 - 54	MGT-05	54	64	Metasediments	30-Dec-07	9.0	0.19	5.9	0.01	0.19	5.9	7.0	1.1	1.2	—	—	—	—
MGT-05 - 66	MGT-05	66	76	Metasediments	30-Dec-07	9.0	0.18	5.6	0.01	0.18	5.6	6.0	0.38	1.1	—	—	—	—
MGT-05 - 78	MGT-05	78	88	Metasediments	30-Dec-07	9.0	0.20	6.3	0.01	0.20	6.3	6.0	-0.25	1.0	—	—	—	—
MGT-05 - 110	MGT-05	110	118	Metasediments	30-Dec-07	9.2	0.23	7.2	0.01	0.23	7.2	10	2.8	1.4	—	—	—	—

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c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Misery (continued)																		
Median						8.7	0.16	5.0	0.005	0.13	4.1	9.0	4.5	2.0	—	0.1	2.3	—
Minimum						7.1	0.005	0.16	0.005	0.01	0.16	0.1	-14	0.02	—	0.02	0.45	—
Maximum						10.0	1.0	31	0.09	0.78	24	406	402	117	—	7.6	173	—
Count						400	400	400	393	328	328	400	400	400	0	364	364	—
Pigeon																		
97-54	97-54	29.57	30	Metasediments	2000	8.4	0.05	1.6	0.005	0.02	0.63	3.1	1.5	2.0	0.005	—	0.42	—
94-7 6.71-10	94-7	6.71	10	Metasediments	2001	8.2	0.20	6.3	0.005	0.20	6.3	7.0	0.75	1.1	—	0.1	2.3	—
94-7 10-15	94-7	10	15	Metasediments	2001	—	0.18	5.6	—	—	—	—	—	—	—	0.1	2.3	—
94-7 15-19.3	94-7	15	19.3	Metasediments	2001	—	0.11	3.4	—	—	—	—	—	—	—	0.1	2.3	—
94-7 19.3-22	94-7	19.3	22	Metasediments	2001	—	0.16	5.0	—	—	—	—	—	—	—	0.1	2.3	—
94-7 22-27	94-7	22	27	Metasediments	2001	—	0.20	6.3	—	—	—	—	—	—	—	0.1	2.3	—
94-7 27-32	94-7	27	32	Metasediments	2001	8.4	0.19	5.9	0.01	0.18	5.6	7.0	1.1	1.2	0.025	0.1	2.1	—
94-7 32-37	94-7	32	37	Metasediments	2001	—	0.16	5.0	—	—	—	—	—	—	—	0.1	2.3	—
94-7 37-42	94-7	37	42	Metasediments	2001	—	0.10	3.1	—	—	—	—	—	—	—	0.2	4.5	—
94-7 42-47	94-7	42	47	Metasediments	2001	—	0.18	5.6	—	—	—	—	—	—	—	0.1	2.3	—
94-7 47-52	94-7	47	52	Metasediments	2001	—	0.16	5.0	—	—	—	—	—	—	—	0.1	2.3	—
94-7 52-57	94-7	52	57	Metasediments	2001	8.8	0.09	2.8	0.01	0.08	2.5	8.0	5.2	2.8	—	0.1	2.3	—
94-7 57-62	94-7	57	62	Metasediments	2001	—	0.13	4.1	—	—	—	—	—	—	—	0.1	2.3	—
94-7 62-67	94-7	62	67	Metasediments	2001	—	0.13	4.1	—	—	—	—	—	—	—	0.1	2.3	—
94-7 67-72	94-7	67	72	Metasediments	2001	—	0.16	5.0	—	—	—	—	—	—	—	0.1	2.3	—
HC-Pdef-2	—	—	—	Metasediments	13-Sep-12	8.8	0.04	1.25	0.02	0.02	0.63	9.0	7.8	7.2	0.025	0.1	2.1	—
HC-Pdef-3	—	—	—	Metasediments	13-Sep-12	9.5	0.21	6.6	0.01	0.20	6.3	11	4.4	1.7	0.025	0.1	2.1	—
HC-Pdef-4	—	—	—	Metasediments	13-Sep-12	9.6	0.14	4.4	0.005	0.14	4.4	19	15	4.3	0.025	0.1	2.1	—
HC-Pdef-5	—	—	—	Metasediments	13-Sep-12	9.6	0.43	13	0.005	0.43	13	20	6.6	1.5	0.025	0.1	2.1	—
HC-Pdef-8	—	—	—	Metasediments	13-Sep-12	9.4	0.13	4.1	0.01	0.12	3.8	10	5.9	2.5	0.025	0.1	2.1	—
HC-Pdef-9	—	—	—	Metasediments	13-Sep-12	9.4	0.01	0.31	0.005	0.01	0.31	9.0	8.7	29	0.025	0.1	2.1	—
HC-Pdef-10	—	—	—	Metasediments	13-Sep-12	9.7	0.27	8.4	0.01	0.26	8.1	22	14	2.6	0.025	0.1	2.1	—
HC-Pdef-11	—	—	—	Metasediments	13-Sep-12	9.2	0.26	8.1	0.01	0.25	7.8	9.0	0.88	1.1	0.025	0.1	2.1	—
HC-Pdef-13	—	—	—	Metasediments	13-Sep-12	9.5	0.03	0.94	0.005	0.03	0.94	8.0	7.1	8.5	0.025	0.1	2.1	—
HC-Pdef-14	—	—	—	Metasediments	13-Sep-12	9.5	0.03	0.94	0.01	0.02	0.63	8.0	7.1	8.5	0.025	0.1	2.1	—
HC-Pdef-15	—	—	—	Metasediments	13-Sep-12	9.4	0.02	0.63	0.005	0.02	0.63	9.0	8.4	14	0.025	0.1	2.1	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Pigeon (continued)																		
HC-Pdef-16	—	—	—	Metasediments	13-Sep-12	8.0	0.17	5.3	0.02	0.15	4.7	9.0	3.7	1.7	0.025	0.1	2.1	—
HC-PDef-18	—	—	—	Metasediments	13-Sep-12	9.2	0.11	3.4	0.005	0.11	3.4	7.0	3.6	2.0	0.025	0.1	2.1	—
HC-PDef-19	—	—	—	Metasediments	13-Sep-12	9.8	0.02	0.63	0.005	0.02	0.63	9.0	8.4	14	0.025	0.1	2.1	—
HC-PDef-20	—	—	—	Metasediments	13-Sep-12	9.3	0.14	4.4	0.005	0.14	4.4	8.0	3.6	1.8	0.025	0.1	2.1	—
HC-PDef-21	—	—	—	Metasediments	13-Sep-12	9.6	0.03	0.94	0.005	0.03	0.94	10	9.1	11	0.025	0.1	2.1	—
HC-PDef-22	—	—	—	Metasediments	13-Sep-12	9.8	0.02	0.63	0.005	0.02	0.63	9.0	8.4	14	0.025	0.1	2.1	—
HC-PDef-23	—	—	—	Metasediments	13-Sep-12	9.5	0.14	4.4	0.005	0.14	4.4	8.0	3.6	1.8	0.025	0.1	2.1	—
HC-PDef-26	—	—	—	Metasediments	13-Sep-12	9.3	0.17	5.3	0.005	0.17	5.3	8.0	2.7	1.5	0.025	0.2	2.1	—
HC-PDef-28	—	—	—	Metasediments	13-Sep-12	9.8	0.01	0.31	0.005	0.01	0.31	11	11	35	0.025	0.1	2.1	—
HC-PDef-31	—	—	—	Metasediments	14-Sep-12	9.2	0.02	0.63	0.005	0.02	0.63	7.0	6.4	11	0.025	0.1	2.1	—
HC-PDef-32	—	—	—	Metasediments	15-Sep-12	9.0	0.03	0.94	0.005	0.03	0.94	20	19.1	21	0.18	0.7	15	—
HC-PDef-35	—	—	—	Metasediments	18-Sep-12	9.4	0.01	0.31	0.005	0.01	0.31	8.0	7.7	26	0.025	0.1	2.1	—
Median						9.4	0.13	4.1	0.005	0.08	2.5	9.0	6.6	2.8	0.025	0.1	2.1	—
Minimum						8.0	0.01	0.31	0.005	0.01	0.31	3.1	0.75	1.1	0.005	0.1	0.42	—
Maximum						9.8	0.43	13	0.02	0.43	13	22	19	35	0.18	0.7	15.0	—
Count						27	38	38	27	27	27	27	27	27	25	37	38	—
Jay																		
2014-DD-001	JGT-04	35.58	41.58	Metasediments	2014	8.30	0.134	4.1875	0.005	0.14	4.4	8.0	3.6	1.910448	0.04	—	3.3	4.89
2014-DD-002	JGT-04	41.58	48.98	Metasediments	2014	7.94	0.042	1.3125	0.005	0.04	1.3	3.4	2.2	2.590476	0.005	—	0.4	4.88
2014-DD-005	JGT-04	74.58	83.58	Metasediments	2014	9.05	0.0025	0.078125	0.005	0.005	0.2	2.1	2.1	26.88	0.005	—	0.4	5.03
2014-DD-006	JGT-04	86.17	95.58	Metasediments	2014	8.29	0.161	5.03125	0.005	0.13	4.1	5.0	0.9	0.993789	0.005	—	0.4	4.71
2014-DD-007	JGT-04	100	107.7	Metasediments	2014	8.58	0.253	7.90625	0.005	0.06	1.9	13.3	11.4	1.682213	0.005	—	0.4	4.66
2014-DD-008	JGT-04	114.12	122.54	Metasediments	2014	8.26	0.145	4.53125	0.005	0.14	4.4	4.0	-0.4	0.882759	0.005	—	0.4	5.23
2014-DD-009	JGT-04	125.58	135.9	Metasediments	2014	8.69	0.089	2.78125	0.005	0.06	1.9	8.5	6.6	3.05618	0.06	—	5.0	5.48
2014-DD-010	JGT-04	142.21	147.1	Metasediments	2014	8.24	0.123	3.84375	0.005	0.11	3.4	3.3	-0.1	0.858537	0.005	—	0.4	4.67
2014-DD-011	JGT-04	147.1	152.58	Metasediments	2014	8.01	0.098	3.0625	0.005	0.1	3.1	2.4	-0.7	0.783673	0.005	—	0.4	4.98
2014-DD-012	JGT-04	155.58	163.58	Metasediments	2014	8.14	0.099	3.09375	0.005	0.1	3.1	2.8	-0.3	0.905051	0.005	—	0.4	5.26
2014-DD-013	JGT-04	163.38	171.69	Metasediments	2014	8.48	0.123	3.84375	0.005	0.09	2.8	3.6	0.8	0.936585	0.005	—	0.4	5.46
2014-DD-014	JGT-04	174.5	180	Metasediments	2014	8.88	0.131	4.09375	0.005	0.02	0.6	10.4	9.8	2.540458	0.09	—	7.5	5.88
2014-DD-015	JGT-04	188	196.2	Metasediments	2014	8.38	0.12	3.75	0.005	0.1	3.1	5.5	2.4	1.466667	0.01	—	0.8	5.41
2014-DD-016	JGT-04	199	206.58	Metasediments	2014	8.17	0.149	4.65625	0.005	0.14	4.4	3.5	-0.9	0.751678	0.005	—	0.4	5.10

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Metasediments (continued)																		
Jay (continued)																		
2014-DD-017	JGT-04	221	230	Metasediments	2014	8.57	0.174	5.4375	0.005	0.16	5.0	6.0	1.0	1.103448	0.03	—	2.5	5.50
2014-DD-018	JGT-04	231.28	241	Metasediments	2014	8.64	0.249	7.78125	0.005	0.17	5.3	3.1	-2.2	0.398394	0.005	—	0.4	4.69
2014-DD-019	JGT-04	241	251	Metasediments	2014	9.10	0.156	4.875	0.005	0.14	4.4	5.1	0.7	1.046154	0.04	—	3.3	5.02
2014-DD-020	JGT-04	251	260	Metasediments	2014	9.51	0.011	0.34375	0.005	0.01	0.3	13.5	13.2	39.27273	0.15	—	12.5	5.83
2014-DD-022	JGT-05	15.2	16.44	Metasediments	2014	8.99	0.096	3	0.005	0.005	0.2	3.1	3.1	1.033333	0.005	—	0.4	4.61
2014-DD-033	JGT-05	281.55	287.77	Metasediments	2014	9.12	0.186	5.8125	0.005	0.07	2.2	4.4	2.2	0.756989	0.005	—	0.4	4.41
2014-DD-034	JGT-05	287.77	292.77	Metasediments	2014	9.48	0.082	2.5625	0.005	0.04	1.3	3.5	2.3	1.365854	0.005	—	0.4	4.89
2014-DD-035	JGT-05	299.18	308.77	Metasediments	2014	9.13	0.262	8.1875	0.005	0.1	3.1	3.8	0.7	0.464122	0.01	—	0.8	4.15
2014-DD-036	JGT-05	308.77	317	Metasediments	2014	9.29	0.134	4.1875	0.005	0.08	2.5	4.9	2.4	1.170149	0.01	—	0.8	4.63
2014-DD-037	JGT-05	336	346	Metasediments	2014	9.87	0.273	8.53125	0.005	0.005	0.2	3.1	3.1	0.36337	0.01	—	0.8	4.02
Median						8.6	0.1325	4.1	0.005	0.10	3.0	3.9	2.1	1.0	0.005	—	0.4	5
Minimum						7.9	0.0025	0.08	0.005	0.01	0.15	2.1	-2.21	0.4	0.005	—	0.40	4
Maximum						9.9	0.273	9	0.005	0.17	5	14	13	39	0.15	—	12.5	6
Count						24	24	24	24	24	24	24	24	24	24	0	24	24
Waste Rock																		
Fox																		
—	SRK FOX 2	0	0.3	Waste Rock	2001	8.7	0.07	2.2	0.01	—	—	—	—	—	—	2.0	45.5	—
—	SRK FOX 4	0	0.3	Waste Rock	2001	9.5	0.05	1.6	0.005	—	—	—	—	—	—	0.2	4.5	—
—	SRK FOX 1	0	0.3	Waste Rock	2001	9.2	0.07	2.2	0.005	—	—	—	—	—	—	0.2	4.5	—
—	SRK FOX 3	0	0.3	Waste Rock	2001	9.6	0.04	1.3	0.005	—	—	—	—	—	—	0.1	2.3	—
—	SRK FOX 5	0	0.3	Waste Rock	2001	9.3	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
Median						9.3	0.05	1.6	0.005	—	—	—	—	—	—	0.2	4.5	—
Minimum						8.7	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
Maximum						9.6	0.07	2.2	0.01	—	—	—	—	—	—	2.0	45.5	—
Count						5	5	5	5	0	0	0	0	0	0	5	5	—
Koala																		
KNW 420 06+07 1A	—	—	—	Waste Rock	—	8.0	0.31	9.7	—	—	—	—	—	—	—	—	—	—
KNW 420 06+07 2A	—	—	—	Waste Rock	—	8.9	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 465-1 2-1A	—	—	—	Waste Rock	05-Feb-01	8.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 465-1 2-2A	—	—	—	Waste Rock	05-Feb-01	8.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 450-16 1A	—	—	—	Waste Rock	04-Jan-01	9.3	0.06	1.9	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCO_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Koala (continued)																		
KSW 450- 18+21 1	—	—	—	Waste Rock	04-Jan-01	9.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 450- 18+21 2	—	—	—	Waste Rock	04-Jan-01	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 450-20 1A	—	—	—	Waste Rock	04-Jan-01	7.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW 450-20 2A	—	—	—	Waste Rock	04-Jan-01	8.0	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 450-22 2A	—	—	—	Waste Rock	04-Jan-01	8.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW 450-22 2AA	—	—	—	Waste Rock	04-Jan-01	8.1	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 450-23 1A	—	—	—	Waste Rock	04-Jan-01	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 450-23 2A	—	—	—	Waste Rock	04-Jan-01	8.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW 450-25-1A	—	—	—	Waste Rock	05-Feb-01	8.9	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW 450-25-2A	—	—	—	Waste Rock	05-Feb-01	8.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 450-28-1A	—	—	—	Waste Rock	05-Feb-01	8.9	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 450-28-2A	—	—	—	Waste Rock	05-Feb-01	8.9	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 450-29-1A	—	—	—	Waste Rock	05-Feb-01	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 450-29-2A	—	—	—	Waste Rock	05-Feb-01	8.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 450-31-1A	—	—	—	Waste Rock	05-Feb-01	8.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 450-31-2A	—	—	—	Waste Rock	05-Feb-01	9.0	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW- 450-34-1A	—	—	—	Waste Rock	11-May-01	9.0	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW- 450-34-2A	—	—	—	Waste Rock	11-May-01	9.1	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW- 450-35-1A	—	—	—	Waste Rock	11-May-01	8.1	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW- 450-35-2A	—	—	—	Waste Rock	11-May-01	9.0	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW- 450-36-1A	—	—	—	Waste Rock	11-May-01	8.1	0.10	3.1	—	—	—	—	—	—	—	—	—	—
KSW- 450-36-2A	—	—	—	Waste Rock	11-May-01	8.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW- 450-38-1A	—	—	—	Waste Rock	11-May-01	8.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW- 450-38-2A	—	—	—	Waste Rock	11-May-01	8.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW 450 39 1A	—	—	—	Waste Rock	04-Jul-01	8.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW 450 39 2A	—	—	—	Waste Rock	04-Jul-01	8.1	0.08	2.5	—	—	—	—	—	—	—	—	—	—
KSW 443-27 1A	—	—	—	Waste Rock	4-Jan-01	8.8	0.13	4.1	—	—	—	—	—	—	—	—	—	—
KSW 443-27 2A	—	—	—	Waste Rock	4-Jan-01	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW 443-28 1A	—	—	—	Waste Rock	4-Jan-01	8.5	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW 443-28 2A	—	—	—	Waste Rock	4-Jan-01	8.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 443-32-1A	—	—	—	Waste Rock	5-Feb-01	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Koala (continued)																		
KSW 443-32-1AA	—	—	—	Waste Rock	5-Feb-01	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 443-32-2A	—	—	—	Waste Rock	5-Feb-01	9.4	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW 443-32-2AA	—	—	—	Waste Rock	5-Feb-01	8.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 443-33-1A	—	—	—	Waste Rock	5-Feb-01	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW 443-33-2A	—	—	—	Waste Rock	5-Feb-01	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW 443-34-1A	—	—	—	Waste Rock	5-Feb-01	9.2	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW 443-34-2A	—	—	—	Waste Rock	5-Feb-01	9.3	0.10	3.1	—	—	—	—	—	—	—	—	—	—
KSW 443-35-1A	—	—	—	Waste Rock	5-Feb-01	9.5	0.11	3.4	—	—	—	—	—	—	—	—	—	—
KSW 443-35-2A	—	—	—	Waste Rock	5-Feb-01	9.1	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSW 443-36-1A	—	—	—	Waste Rock	5-Feb-01	8.9	0.06	1.9	—	—	—	—	—	—	—	—	—	—
KSW 443-36-2A	—	—	—	Waste Rock	5-Feb-01	9.0	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW- 443-38-1A	—	—	—	Waste Rock	11-May-01	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW- 443-38-2A	—	—	—	Waste Rock	11-May-01	9.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW- 445-40-2A	—	—	—	Waste Rock	11-May-01	8.7	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSW- 445-40-1A	—	—	—	Waste Rock	11-May-01	8.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW- 443-41-1A	—	—	—	Waste Rock	11-May-01	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW- 443-41-2A	—	—	—	Waste Rock	11-May-01	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW- 443-42-1A	—	—	—	Waste Rock	11-May-01	7.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW- 443-42-2A	—	—	—	Waste Rock	11-May-01	8.2	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW- 443-43-1A	—	—	—	Waste Rock	11-May-01	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW- 443-43-2A	—	—	—	Waste Rock	11-May-01	9.8	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW 443+450 2A	—	—	—	Waste Rock	—	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW 443+450 1A	—	—	—	Waste Rock	—	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW 443 46 1A	—	—	—	Waste Rock	4-Jul-01	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 443 46 2A	—	—	—	Waste Rock	4-Jul-01	8.8	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KSW 435-6 1A	—	—	—	Waste Rock	4-Jan-01	9.1	0.06	1.9	—	—	—	—	—	—	—	—	—	—
KSW 435-6 2A	—	—	—	Waste Rock	4-Jan-01	8.4	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSW 435-7 1A	—	—	—	Waste Rock	4-Jan-01	7.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW 435-7 2A	—	—	—	Waste Rock	4-Jan-01	8.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW 435-10-1A	—	—	—	Waste Rock	5-Feb-01	9.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW 435-10-2A	—	—	—	Waste Rock	5-Feb-01	9.3	0.05	1.6	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Koala (continued)																		
KSW 435-15-1A	—	—	—	Waste Rock	5-Feb-01	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW 435-15-2A	—	—	—	Waste Rock	5-Feb-01	8.8	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW- 435-16-1A	—	—	—	Waste Rock	11-May-01	8.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW- 435-16-2A	—	—	—	Waste Rock	11-May-01	8.7	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSW- 435-23-1A	—	—	—	Waste Rock	11-May-01	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW- 435-23-2A	—	—	—	Waste Rock	11-May-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 435 24 1A	—	—	—	Waste Rock	4-Jul-01	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 435 24 2A	—	—	—	Waste Rock	4-Jul-01	9.9	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSW 435-25 1A	—	—	—	Waste Rock	4-Jan-01	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 435 26 1A	—	—	—	Waste Rock	4-Jul-01	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 435 26 2A	—	—	—	Waste Rock	4-Jul-01	10.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 435 27 1A	—	—	—	Waste Rock	4-Jul-01	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 435 27 2A	—	—	—	Waste Rock	4-Jul-01	9.6	0.06	1.9	—	—	—	—	—	—	—	—	—	—
KSW 435 30 1A	—	—	—	Waste Rock	4-Jul-01	8.4	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW 435 30 2A	—	—	—	Waste Rock	4-Jul-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 435 31 1A	—	—	—	Waste Rock	4-Jul-01	10.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 435 31 2A	—	—	—	Waste Rock	4-Jul-01	9.8	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSW 435 34 1A	—	—	—	Waste Rock	4-Jul-01	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW 435 34 2A	—	—	—	Waste Rock	4-Jul-01	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW 435 42 1A	—	—	—	Waste Rock	4-Jul-01	9.2	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KSW 435 42 2A	—	—	—	Waste Rock	4-Jul-01	9.5	0.12	3.8	—	—	—	—	—	—	—	—	—	—
KSW 435 51 1A	—	—	—	Waste Rock	4-Jul-01	10.0	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW 435 51 2A	—	—	—	Waste Rock	4-Jul-01	9.8	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW 435 52 1A	—	—	—	Waste Rock	4-Jul-01	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 435 52 2A	—	—	—	Waste Rock	4-Jul-01	9.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 435 53 1A	—	—	—	Waste Rock	4-Jul-01	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 435 53 2A	—	—	—	Waste Rock	4-Jul-01	9.7	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSW 435 54 1A	—	—	—	Waste Rock	4-Jul-01	9.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW 435 54 2A	—	—	—	Waste Rock	4-Jul-01	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 435 55 1A	—	—	—	Waste Rock	4-Jul-01	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 435 55 2A	—	—	—	Waste Rock	4-Jul-01	9.7	0.05	1.6	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Koala (continued)																		
KSW 435 60 1A	—	—	—	Waste Rock	4-Jul-01	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 435 60 2A	—	—	—	Waste Rock	4-Jul-01	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 435 66 1A	—	—	—	Waste Rock	4-Jul-01	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW 435 66 2A	—	—	—	Waste Rock	4-Jul-01	7.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW- 435-59-1A	—	—	—	Waste Rock	16-Aug-01	8.8	0.14	4.4	—	—	—	—	—	—	—	—	—	—
KSW- 435-59-2A	—	—	—	Waste Rock	16-Aug-01	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW- 435-77-1A	—	—	—	Waste Rock	16-Aug-01	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW- 435-77-2A	—	—	—	Waste Rock	16-Aug-01	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW- 435-81-1A	—	—	—	Waste Rock	16-Aug-01	8.9	0.06	1.9	—	—	—	—	—	—	—	—	—	—
KSW- 435-81-2A	—	—	—	Waste Rock	16-Aug-01	8.9	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KSW- 420-07-1A	—	—	—	Waste Rock	16-Aug-01	9.4	0.09	2.8	—	—	—	—	—	—	—	—	—	—
KSW- 420-07-2A	—	—	—	Waste Rock	16-Aug-01	9.3	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KSW- 420-09-1A	—	—	—	Waste Rock	16-Aug-01	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW- 420-09-2A	—	—	—	Waste Rock	16-Aug-01	9.0	0.26	8.1	—	—	—	—	—	—	—	—	—	—
KSW- 420-14-1A	—	—	—	Waste Rock	1-Oct-01	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW- 420-14-2A	—	—	—	Waste Rock	1-Oct-01	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 420 34 1A	—	—	—	Waste Rock	—	9.0	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW 420 34 2A	—	—	—	Waste Rock	—	9.0	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 420 36 1A	—	—	—	Waste Rock	—	8.4	0.17	5.3	—	—	—	—	—	—	—	—	—	—
KSW 420 36 2A	—	—	—	Waste Rock	—	8.9	0.06	1.9	—	—	—	—	—	—	—	—	—	—
KSW 420 37 1A	—	—	—	Waste Rock	—	9.0	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 420 37 2A	—	—	—	Waste Rock	—	8.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 420 39 1A	—	—	—	Waste Rock	—	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 420 39 2A	—	—	—	Waste Rock	—	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW-420-30-1A	—	—	—	Waste Rock	7-Jan-02	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW-420-30-2A	—	—	—	Waste Rock	7-Jan-02	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW-420-38-1A	—	—	—	Waste Rock	7-Jan-02	9.5	0.13	4.1	—	—	—	—	—	—	—	—	—	—
KSW-420-38-2A	—	—	—	Waste Rock	7-Jan-02	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW-420-38A-1A	—	—	—	Waste Rock	7-Jan-02	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW-420-38A-2A	—	—	—	Waste Rock	7-Jan-02	9.5	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSW-420-40-1A	—	—	—	Waste Rock	7-Jan-02	9.1	0.07	2.2	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Koala (continued)																		
KSW-420-40-2A	—	—	—	Waste Rock	7-Jan-02	9.1	0.08	2.5	—	—	—	—	—	—	—	—	—	—
KSW-420-41-1A	—	—	—	Waste Rock	7-Jan-02	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW-420-41-2A	—	—	—	Waste Rock	7-Jan-02	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-420-46 1A	—	—	—	Waste Rock	3-Apr-02	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW-420-46 2A	—	—	—	Waste Rock	3-Apr-02	8.6	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSW 405 04 1A	—	—	—	Waste Rock	—	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 405 04 2A	—	—	—	Waste Rock	—	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 405 05 1A	—	—	—	Waste Rock	—	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW 405 05 2A	—	—	—	Waste Rock	—	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 405-25 2A	—	—	—	Waste Rock	3-Apr-02	9.7	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KSW-405-06-1A	—	—	—	Waste Rock	7-Jan-02	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-405-06-2A	—	—	—	Waste Rock	7-Jan-02	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-405-10-1A	—	—	—	Waste Rock	7-Jan-02	9.0	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW-405-10-2A	—	—	—	Waste Rock	7-Jan-02	9.2	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW-405-11-1A	—	—	—	Waste Rock	7-Jan-02	8.8	0.06	1.9	—	—	—	—	—	—	—	—	—	—
KSW-405-11-2A	—	—	—	Waste Rock	7-Jan-02	8.7	0.11	3.4	—	—	—	—	—	—	—	—	—	—
KSW-405-13-1A	—	—	—	Waste Rock	7-Jan-02	8.8	0.08	2.5	—	—	—	—	—	—	—	—	—	—
KSW-405-13-2A	—	—	—	Waste Rock	7-Jan-02	9.0	0.06	1.9	—	—	—	—	—	—	—	—	—	—
KSW-405-17-1A	—	—	—	Waste Rock	7-Jan-02	8.9	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-405-17-2A	—	—	—	Waste Rock	7-Jan-02	8.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-405-19-1A	—	—	—	Waste Rock	7-Jan-02	8.9	0.07	2.2	—	—	—	—	—	—	—	—	—	—
KSW-405-19-2A	—	—	—	Waste Rock	7-Jan-02	8.7	0.12	3.8	—	—	—	—	—	—	—	—	—	—
KSW-405-25 1A	—	—	—	Waste Rock	3-Apr-02	9.0	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW-405-38 1A	—	—	—	Waste Rock	3-Apr-02	8.9	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-405-38 2A	—	—	—	Waste Rock	3-Apr-02	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW-405-40 1A	—	—	—	Waste Rock	3-Apr-02	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW-405-40 2A	—	—	—	Waste Rock	3-Apr-02	9.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-405-45 1A	—	—	—	Waste Rock	3-Apr-02	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW-405-45 2A	—	—	—	Waste Rock	3-Apr-02	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW-405-49 1A	—	—	—	Waste Rock	3-Apr-02	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW-405-49 2A	—	—	—	Waste Rock	3-Apr-02	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Koala (continued)																		
KSW-405-52-1A	—	—	—	Waste Rock	27-May-02	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW-405-52-2A	—	—	—	Waste Rock	27-May-02	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW-405-57-1A	—	—	—	Waste Rock	27-May-02	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW-405-57-2A	—	—	—	Waste Rock	27-May-02	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW-405-63-1A	—	—	—	Waste Rock	27-May-02	8.8	0.05	1.6	—	—	—	—	—	—	—	—	—	—
KSW-405-63-2A	—	—	—	Waste Rock	27-May-02	8.8	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW 390-21 1a	—	—	—	Waste Rock	19-Aug-02	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW 390-21 2a	—	—	—	Waste Rock	19-Aug-02	9.8	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW-390-03-1A	—	—	—	Waste Rock	27-May-02	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-390-03-2A	—	—	—	Waste Rock	27-May-02	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-390-05-1A	—	—	—	Waste Rock	27-May-02	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-390-05-2A	—	—	—	Waste Rock	27-May-02	9.5	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW-390-06-1A	—	—	—	Waste Rock	27-May-02	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW-390-06-2A	—	—	—	Waste Rock	27-May-02	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-390-08-1A	—	—	—	Waste Rock	27-May-02	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW-390-08-2A	—	—	—	Waste Rock	27-May-02	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-390-09-1A	—	—	—	Waste Rock	27-May-02	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW-390-09-2A	—	—	—	Waste Rock	27-May-02	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW-390-10-1A	—	—	—	Waste Rock	27-May-02	8.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-390-10-2A	—	—	—	Waste Rock	27-May-02	8.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
KSW-390-11-1A	—	—	—	Waste Rock	27-May-02	8.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-390-11-2A	—	—	—	Waste Rock	27-May-02	8.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-390-12-1A	—	—	—	Waste Rock	27-May-02	9.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-390-12-2A	—	—	—	Waste Rock	27-May-02	9.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW-390-24-1a	—	—	—	Waste Rock	17-Aug-02	8.9	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW-390-24-2a	—	—	—	Waste Rock	17-Aug-02	8.1	0.13	4.1	—	—	—	—	—	—	—	—	—	—
KSW 375-03 1a	—	—	—	Waste Rock	19-Aug-02	9.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
KSW 375-03 2a	—	—	—	Waste Rock	19-Aug-02	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
KSW 375-06 1a	—	—	—	Waste Rock	19-Aug-02	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
KSW 375-06 2a	—	—	—	Waste Rock	19-Aug-02	9.7	0.04	1.3	—	—	—	—	—	—	—	—	—	—
KSW-375-13-1a	—	—	—	Waste Rock	17-Aug-02	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Koala (continued)																		
KSW-375-13-2a	—	—	—	Waste Rock	17-Aug-02	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
Median						9.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
Minimum						7.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
Maximum						10.1	0.31	9.7	—	—	—	—	—	—	—	—	—	—
Count						192	192	192	0	0	0	0	0	0	0	0	0	—
Panda																		
PPW 360-76 1A	—	—	—	Waste Rock	04-Jan-01	9.9	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 360-76 2A	—	—	—	Waste Rock	04-Jan-01	10.0	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW- 360-76-1B	—	—	—	Waste Rock	—	9.7	0.005	0.16	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 360-76-2B	—	—	—	Waste Rock	—	9.8	0.005	0.16	0.02	0.01	0.31	—	—	—	—	0.2	4.5	—
PPW 360-77 1A	—	—	—	Waste Rock	04-Jan-01	9.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 360-77 2A	—	—	—	Waste Rock	04-Jan-01	9.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW- 360-77-1B	—	—	—	Waste Rock	—	9.6	0.01	0.31	0.005	0.01	0.31	—	—	—	—	0.1	2.3	—
PPW- 360-77-2B	—	—	—	Waste Rock	—	9.7	0.01	0.31	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW 360-78 1A	—	—	—	Waste Rock	04-Jan-01	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 360-78 2A	—	—	—	Waste Rock	04-Jan-01	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW- 360-78-1B	—	—	—	Waste Rock	—	9.8	0.005	0.16	0.005	0.01	0.31	—	—	—	—	0.1	2.3	—
PPW- 360-78-2B	—	—	—	Waste Rock	—	9.8	0.01	0.31	0.005	0.01	0.31	—	—	—	—	0.1	2.3	—
PPW 360-79 1A	—	—	—	Waste Rock	04-Jan-01	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 360-79 2A	—	—	—	Waste Rock	04-Jan-01	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 360-79-1B	—	—	—	Waste Rock	—	9.7	0.005	0.16	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 360-79-2B	—	—	—	Waste Rock	—	9.8	0.03	0.94	0.005	0.01	0.31	—	—	—	—	0.1	2.3	—
PPW 360-80 1A	—	—	—	Waste Rock	04-Jan-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 360-80 2A	—	—	—	Waste Rock	04-Jan-01	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW- 360-80-1B	—	—	—	Waste Rock	—	9.8	0.005	0.16	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 360-80-2B	—	—	—	Waste Rock	—	9.5	0.03	0.94	0.005	0.04	1.3	—	—	—	—	0.1	2.3	—
PPW 360-82 1A	—	—	—	Waste Rock	04-Jan-01	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 360-82 2A	—	—	—	Waste Rock	04-Jan-01	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW- 360-82-1B	—	—	—	Waste Rock	—	9.6	0.01	0.31	0.01	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 360-82-2B	—	—	—	Waste Rock	—	9.7	0.01	0.31	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW 360-89 1A	—	—	—	Waste Rock	—	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH unit	Total Sulphur (%)	Max Acidic Potential (MAP)[a] (kg $CaCO_3$/t)	Sulphate (%)	Sulphide (%)	Acidic Potential (AP)[b] (kg $CaCO_3$/t)	Neutralization Potential (NP) (kg $CaCO_3$/t)	Net Neutralization Potential (NNP) (kg $CaCO_3$/t)	NP/MAP —	Carbonate as C (%)	Carbonate as CO_2 (%)	Carbonate Neutralization Potential (CaNP)[c] (kg $CaCO_3$/t)	NAG pH —
Waste Rock (continued)																		
Panda (continued)																		
PPW 360-89 2A	—	—	—	Waste Rock	—	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 345-29 1A	—	—	—	Waste Rock	04-Jan-01	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW- 345-29-1B	—	—	—	Waste Rock	—	9.6	0.02	0.63	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW 345-33 1A	—	—	—	Waste Rock	04-Jan-01	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 345-33 2A	—	—	—	Waste Rock	04-Jan-01	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW- 345-33-1B	—	—	—	Waste Rock	—	9.8	0.01	0.31	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 345-33-2B	—	—	—	Waste Rock	—	9.8	0.01	0.31	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW 345-34 1A	—	—	—	Waste Rock	04-Jan-01	12.1	0.11	3.4	—	—	—	—	—	—	—	—	—	—
PPW 345-34 2A	—	—	—	Waste Rock	04-Jan-01	10.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 345-34-1B	—	—	—	Waste Rock	—	11.8	0.08	2.5	0.07	0.08	2.5	—	—	—	—	0.8	18.2	—
PPW- 345-34-2B	—	—	—	Waste Rock	—	9.7	0.01	0.31	0.01	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW 345-35 1A	—	—	—	Waste Rock	04-Jan-01	10.8	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 345-35 2A	—	—	—	Waste Rock	04-Jan-01	10.1	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW- 345-35-1B	—	—	—	Waste Rock	—	9.7	0.005	0.16	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 345-35-2B	—	—	—	Waste Rock	—	9.7	0.01	0.31	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW 345-36 1A	—	—	—	Waste Rock	04-Jan-01	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 345-36 2A	—	—	—	Waste Rock	04-Jan-01	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 345-36-1B	—	—	—	Waste Rock	—	9.3	0.06	1.9	0.005	0.04	1.3	—	—	—	—	0.1	2.3	—
PPW- 345-36-2B	—	—	—	Waste Rock	—	9.8	0.03	0.94	0.005	0.01	0.31	—	—	—	—	0.1	2.3	—
PPW 345-37 1A	—	—	—	Waste Rock	04-Jan-01	9.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 345-37 2A	—	—	—	Waste Rock	04-Jan-01	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 345-37-1B	—	—	—	Waste Rock	—	9.8	0.01	0.31	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 345-37-2B	—	—	—	Waste Rock	—	9.9	0.02	0.63	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 345-41-1	—	—	—	Waste Rock	—	9.6	0.005	0.16	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW 345-42 1A	—	—	—	Waste Rock	04-Jan-01	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 345-42 2A	—	—	—	Waste Rock	04-Jan-01	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 345-42-1	—	—	—	Waste Rock	—	9.5	0.02	0.63	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 345-42-2	—	—	—	Waste Rock	—	9.5	0.02	0.63	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW 345-43 1A	—	—	—	Waste Rock	04-Jan-01	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 345-43 2A	—	—	—	Waste Rock	04-Jan-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW- 345-43-1	—	—	—	Waste Rock	—	9.6	0.005	0.16	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Panda (continued)																		
PPW- 345-43-2	—	—	—	Waste Rock	—	9.7	0.01	0.31	0.005	0.01	0.31	—	—	—	—	0.2	4.5	—
PPW 345-48 1A	—	—	—	Waste Rock	—	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 345-49 1A	—	—	—	Waste Rock	—	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 345-49 2A	—	—	—	Waste Rock	—	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 345-50-1A	—	—	—	Waste Rock	05-Feb-01	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 345-50-2A	—	—	—	Waste Rock	05-Feb-01	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 345-52 1A	—	—	—	Waste Rock	—	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 345-52 2A	—	—	—	Waste Rock	—	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 345-55 1A	—	—	—	Waste Rock	—	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 345-55 2A	—	—	—	Waste Rock	—	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 345-56 1A	—	—	—	Waste Rock	04-Jan-01	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 345-56 2A	—	—	—	Waste Rock	04-Jan-01	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 330-13 1A	—	—	—	Waste Rock	04-Jan-01	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW- 330-13-1B	—	—	—	Waste Rock	—	9.0	0.05	1.6	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 330-16-1A	—	—	—	Waste Rock	—	9.4	0.01	0.31	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 330-16-2A	—	—	—	Waste Rock	—	9.3	0.03	0.94	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW 330-17 1A	—	—	—	Waste Rock	04-Jan-01	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 330-17 2A	—	—	—	Waste Rock	04-Jan-01	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 330-17-1B	—	—	—	Waste Rock	—	9.5	0.03	0.94	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 330-17-2B	—	—	—	Waste Rock	—	9.4	0.04	1.3	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW 330-18 1A	—	—	—	Waste Rock	04-Jan-01	10.0	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-18 2A	—	—	—	Waste Rock	04-Jan-01	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 330-18-1B	—	—	—	Waste Rock	—	9.5	0.005	0.16	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 330-18-2B	—	—	—	Waste Rock	—	9.5	0.01	0.31	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW 330-20 1A	—	—	—	Waste Rock	04-Jan-01	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 330-20 2A	—	—	—	Waste Rock	04-Jan-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 330-20-1B	—	—	—	Waste Rock	—	9.4	0.01	0.31	0.005	0.005	0.16	—	—	—	—	0.2	4.5	—
PPW- 330-20-2B	—	—	—	Waste Rock	—	9.2	0.02	0.63	0.005	0.005	0.16	—	—	—	—	0.2	4.5	—
PPW 330-28 1A	—	—	—	Waste Rock	04-Jan-01	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 330-28 2A	—	—	—	Waste Rock	04-Jan-01	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW- 330-28-1B	—	—	—	Waste Rock	—	9.7	0.01	0.31	0.005	0.01	0.31	—	—	—	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Panda (continued)																		
PPW- 330-28-2B	—	—	—	Waste Rock	—	9.5	0.01	0.31	0.005	0.005	0.16	—	—	—	—	0.2	4.5	—
PPW 330-30 1A	—	—	—	Waste Rock	—	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-30 2A	—	—	—	Waste Rock	—	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-32-1A	—	—	—	Waste Rock	05-Feb-01	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 330-32-2A	—	—	—	Waste Rock	05-Feb-01	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 330-37-1A	—	—	—	Waste Rock	05-Feb-01	9.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 330-37-2A	—	—	—	Waste Rock	05-Feb-01	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-38 1A	—	—	—	Waste Rock	—	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-38 2A	—	—	—	Waste Rock	—	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-41-1A	—	—	—	Waste Rock	05-Feb-01	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW- 330-41-1A	—	—	—	Waste Rock	—	9.7	0.01	0.31	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
PPW- 330-41-2	—	—	—	Waste Rock	—	9.8	0.01	0.31	0.005	0.02	0.63	—	—	—	—	0.1	2.3	—
PPW 330-41-2A	—	—	—	Waste Rock	05-Feb-01	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 330-44 1A	—	—	—	Waste Rock	—	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-44 1AA	—	—	—	Waste Rock	—	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-44 2A	—	—	—	Waste Rock	—	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-44 2AA	—	—	—	Waste Rock	—	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-47 1A	—	—	—	Waste Rock	—	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 330-47 2A	—	—	—	Waste Rock	—	9.6	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PPW 330-48 2A	—	—	—	Waste Rock	—	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-49 1A	—	—	—	Waste Rock	—	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-49 2A	—	—	—	Waste Rock	—	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 330-50 1A	—	—	—	Waste Rock	—	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-50 2A	—	—	—	Waste Rock	—	9.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 330-56 1A	—	—	—	Waste Rock	—	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-56 2A	—	—	—	Waste Rock	—	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-59 1A	—	—	—	Waste Rock	04-Jan-01	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 330-59 2A	—	—	—	Waste Rock	04-Jan-01	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 330-61 1A	—	—	—	Waste Rock	04-Jan-01	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-61 2A	—	—	—	Waste Rock	04-Jan-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-62 1A	—	—	—	Waste Rock	04-Jan-01	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Panda (continued)																		
PPW 330-62 2A	—	—	—	Waste Rock	04-Jan-01	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 330-63 1A	—	—	—	Waste Rock	04-Jan-01	9.6	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PPW 330-63 2A	—	—	—	Waste Rock	04-Jan-01	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 330-64 1A	—	—	—	Waste Rock	04-Jan-01	9.7	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW 330-64 2A	—	—	—	Waste Rock	04-Jan-01	9.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 330-65-1A	—	—	—	Waste Rock	05-Feb-01	9.2	0.06	1.9	—	—	—	—	—	—	—	—	—	—
PPW 330-65-2A	—	—	—	Waste Rock	05-Feb-01	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-66-1A	—	—	—	Waste Rock	05-Feb-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 330-66-2A	—	—	—	Waste Rock	05-Feb-01	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-70-1A	—	—	—	Waste Rock	05-Feb-01	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 330-70-2A	—	—	—	Waste Rock	05-Feb-01	9.0	0.26	8.1	—	—	—	—	—	—	—	—	—	—
PPW 330-71-1A	—	—	—	Waste Rock	05-Feb-01	9.1	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-71-2A	—	—	—	Waste Rock	05-Feb-01	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 330-72-1A	—	—	—	Waste Rock	05-Feb-01	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 330-72-2A	—	—	—	Waste Rock	05-Feb-01	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 330-73-1A	—	—	—	Waste Rock	05-Feb-01	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 330-73-2A	—	—	—	Waste Rock	05-Feb-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 332-75-1A	—	—	—	Waste Rock	05-Feb-01	9.3	0.07	2.2	—	—	—	—	—	—	—	—	—	—
PPW 332-75-2A	—	—	—	Waste Rock	05-Feb-01	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 330-76-1A	—	—	—	Waste Rock	11-May-01	9.1	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 330-77-1A	—	—	—	Waste Rock	11-May-01	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 330-77-2A	—	—	—	Waste Rock	11-May-01	9.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PWP- 330-80-1A	—	—	—	Waste Rock	11-May-01	9.4	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PWP- 330-80-2A	—	—	—	Waste Rock	11-May-01	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PWP- 330-82-1A	—	—	—	Waste Rock	11-May-01	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 315-03 1A	—	—	—	Waste Rock	—	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-03 2A	—	—	—	Waste Rock	—	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-04 1A	—	—	—	Waste Rock	04-Jan-01	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 315-04 2A	—	—	—	Waste Rock	04-Jan-01	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 315-05 1A	—	—	—	Waste Rock	04-Jan-01	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 315-05 2A	—	—	—	Waste Rock	04-Jan-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

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Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Panda (continued)																		
PPW 315-06 1A	—	—	—	Waste Rock	04-Jan-01	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 315-06 2A	—	—	—	Waste Rock	04-Jan-01	9.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-10-1A	—	—	—	Waste Rock	05-Feb-01	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-10-2A	—	—	—	Waste Rock	05-Feb-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-11-1A	—	—	—	Waste Rock	05-Feb-01	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-11-2A	—	—	—	Waste Rock	05-Feb-01	9.1	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-13-1A	—	—	—	Waste Rock	05-Feb-01	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 315-13-2A	—	—	—	Waste Rock	05-Feb-01	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 315-14-1A	—	—	—	Waste Rock	05-Feb-01	9.1	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 315-14-2A	—	—	—	Waste Rock	05-Feb-01	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-16-1A	—	—	—	Waste Rock	05-Feb-01	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-16-2A	—	—	—	Waste Rock	05-Feb-01	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 315-17-1A	—	—	—	Waste Rock	05-Feb-01	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 317-17-2A	—	—	—	Waste Rock	05-Feb-01	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 315-18-1A	—	—	—	Waste Rock	05-Feb-01	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-18-2A	—	—	—	Waste Rock	05-Feb-01	9.0	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-19-1A	—	—	—	Waste Rock	05-Feb-01	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 315-19-2A	—	—	—	Waste Rock	05-Feb-01	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 315-20-1A	—	—	—	Waste Rock	05-Feb-01	9.0	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW 315-20-2A	—	—	—	Waste Rock	05-Feb-01	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-22-1A	—	—	—	Waste Rock	05-Feb-01	9.1	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 315-22-2A	—	—	—	Waste Rock	05-Feb-01	9.0	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 315-23-1A	—	—	—	Waste Rock	05-Feb-01	9.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 315-23-2A	—	—	—	Waste Rock	05-Feb-01	9.0	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 315-24-1A	—	—	—	Waste Rock	05-Feb-01	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 315-24-2A	—	—	—	Waste Rock	05-Feb-01	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-25-1A	—	—	—	Waste Rock	05-Feb-01	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-25-2A	—	—	—	Waste Rock	05-Feb-01	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 315-28-1A	—	—	—	Waste Rock	05-Feb-01	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 315-28-2A	—	—	—	Waste Rock	05-Feb-01	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PWP- 315-26-1A	—	—	—	Waste Rock	11-May-01	9.1	0.06	1.9	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Panda (continued)																		
PWP- 315-26-2A	—	—	—	Waste Rock	11-May-01	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-27-1A	—	—	—	Waste Rock	11-May-01	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-27-2A	—	—	—	Waste Rock	11-May-01	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-28-1A	—	—	—	Waste Rock	11-May-01	9.1	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-28-2A	—	—	—	Waste Rock	11-May-01	9.1	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-31-1A	—	—	—	Waste Rock	11-May-01	8.6	0.07	2.2	—	—	—	—	—	—	—	—	—	—
PWP- 315-31-1A	—	—	—	Waste Rock	11-May-01	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-31-2A	—	—	—	Waste Rock	11-May-01	8.4	0.07	2.2	—	—	—	—	—	—	—	—	—	—
PWP- 315-31-2A	—	—	—	Waste Rock	11-May-01	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-33-1A	—	—	—	Waste Rock	11-May-01	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-33-2A	—	—	—	Waste Rock	11-May-01	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PWP- 315-34-1A	—	—	—	Waste Rock	11-May-01	8.9	0.06	1.9	—	—	—	—	—	—	—	—	—	—
PWP- 315-34-2A	—	—	—	Waste Rock	11-May-01	9.1	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-35-1A	—	—	—	Waste Rock	11-May-01	9.1	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-35-2A	—	—	—	Waste Rock	11-May-01	9.1	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-36-1A	—	—	—	Waste Rock	11-May-01	9.4	0.08	2.5	—	—	—	—	—	—	—	—	—	—
PWP- 315-36-2A	—	—	—	Waste Rock	11-May-01	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-42-1A	—	—	—	Waste Rock	11-May-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PWP- 315-42-2A	—	—	—	Waste Rock	11-May-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-43-1A	—	—	—	Waste Rock	11-May-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-43-2A	—	—	—	Waste Rock	11-May-01	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PWP- 315-44-1A	—	—	—	Waste Rock	11-May-01	9.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 315-44-2A	—	—	—	Waste Rock	11-May-01	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PWP- 315-45-1A	—	—	—	Waste Rock	11-May-01	9.4	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PWP- 315-45-2A	—	—	—	Waste Rock	11-May-01	8.8	0.10	3.1	—	—	—	—	—	—	—	—	—	—
PWP- 315-46-1A	—	—	—	Waste Rock	11-May-01	9.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PWP- 315-46-2A	—	—	—	Waste Rock	11-May-01	9.1	0.06	1.9	—	—	—	—	—	—	—	—	—	—
PPW 315 48 1A	—	—	—	Waste Rock	04-Jul-01	9.0	0.06	1.9	—	—	—	—	—	—	—	—	—	—
PPW 315 48 2A	—	—	—	Waste Rock	04-Jul-01	9.6	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PWP- 315-76-2A	—	—	—	Waste Rock	11-May-01	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 300-22-1A	—	—	—	Waste Rock	11-May-01	8.8	0.005	0.16	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Panda (continued)																		
PWP- 300-22-2A	—	—	—	Waste Rock	11-May-01	8.9	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PWP- 300-24-1A	—	—	—	Waste Rock	11-May-01	8.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 300-24-2A	—	—	—	Waste Rock	11-May-01	9.0	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 300-35-1A	—	—	—	Waste Rock	11-May-01	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 300-35-2A	—	—	—	Waste Rock	11-May-01	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 300-36-1A	—	—	—	Waste Rock	11-May-01	9.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PWP- 300-36-2A	—	—	—	Waste Rock	11-May-01	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PWP- 300-38-1A	—	—	—	Waste Rock	11-May-01	9.8	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 300-38-2A	—	—	—	Waste Rock	11-May-01	9.9	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PWP- 300-42-1A	—	—	—	Waste Rock	11-May-01	9.5	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PWP- 300-42-2A	—	—	—	Waste Rock	11-May-01	9.9	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PWP- 300-48-1A	—	—	—	Waste Rock	11-May-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 300-48-2A	—	—	—	Waste Rock	11-May-01	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 300-48-1A	—	—	—	Waste Rock	11-May-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PWP- 300-48-2A	—	—	—	Waste Rock	11-May-01	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 300 50 1A	—	—	—	Waste Rock	04-Jul-01	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 300 50 2A	—	—	—	Waste Rock	04-Jul-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 300 53 1A	—	—	—	Waste Rock	04-Jul-01	8.4	0.39	12	—	—	—	—	—	—	—	—	—	—
PPW 300 53 1A	—	—	—	Waste Rock	04-Jul-01	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 300 53 2A	—	—	—	Waste Rock	04-Jul-01	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 300 53 2A	—	—	—	Waste Rock	04-Jul-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 300 54 1A	—	—	—	Waste Rock	04-Jul-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 300 54 2A	—	—	—	Waste Rock	04-Jul-01	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW 300 55 1A	—	—	—	Waste Rock	04-Jul-01	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 300 55 2A	—	—	—	Waste Rock	04-Jul-01	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 300 57 1A	—	—	—	Waste Rock	04-Jul-01	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 300 57 2A	—	—	—	Waste Rock	04-Jul-01	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 300 61 1A	—	—	—	Waste Rock	04-Jul-01	9.9	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 300 61 2A	—	—	—	Waste Rock	04-Jul-01	9.9	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 300 63 1A	—	—	—	Waste Rock	04-Jul-01	9.7	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW 300 63 2A	—	—	—	Waste Rock	04-Jul-01	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 300 65 1A	—	—	—	Waste Rock	04-Jul-01	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 300 65 2A	—	—	—	Waste Rock	04-Jul-01	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Panda (continued)																		
PPW 300 66 1A	—	—	—	Waste Rock	04-Jul-01	9.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 300 66 2A	—	—	—	Waste Rock	04-Jul-01	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 300 68 1A	—	—	—	Waste Rock	04-Jul-01	9.6	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW 300 68 2A	—	—	—	Waste Rock	04-Jul-01	9.8	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW 300 69 1A	—	—	—	Waste Rock	04-Jul-01	8.6	0.10	3.1	—	—	—	—	—	—	—	—	—	—
PPW 300 69 2A	—	—	—	Waste Rock	04-Jul-01	9.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW- 300-71-1A	—	—	—	Waste Rock	16-Aug-01	9.0	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 300-71-2A	—	—	—	Waste Rock	16-Aug-01	9.4	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW- 300-72-1A	—	—	—	Waste Rock	16-Aug-01	8.9	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PPW- 300-72-2A	—	—	—	Waste Rock	16-Aug-01	9.2	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW- 300-73-1A	—	—	—	Waste Rock	01-Oct-01	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW- 300-73-2A	—	—	—	Waste Rock	01-Oct-01	9.0	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PPW- 300-75-1A	—	—	—	Waste Rock	01-Oct-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 300-75-2A	—	—	—	Waste Rock	01-Oct-01	9.3	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PPW 285 02 1A	—	—	—	Waste Rock	04-Jul-01	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 285 02 2A	—	—	—	Waste Rock	04-Jul-01	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 285 03 1A	—	—	—	Waste Rock	04-Jul-01	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 285 03 2A	—	—	—	Waste Rock	04-Jul-01	9.5	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW 285 04 1A	—	—	—	Waste Rock	04-Jul-01	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 285 04 2A	—	—	—	Waste Rock	04-Jul-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 285 05 1A	—	—	—	Waste Rock	04-Jul-01	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 285 05 2A	—	—	—	Waste Rock	04-Jul-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 285 06 1A	—	—	—	Waste Rock	04-Jul-01	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 285 06 2A	—	—	—	Waste Rock	04-Jul-01	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 285 10 1A	—	—	—	Waste Rock	04-Jul-01	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 285 10 2A	—	—	—	Waste Rock	04-Jul-01	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 285 23 1	—	—	—	Waste Rock	—	8.9	0.07	2.2	—	—	—	—	—	—	—	—	—	—
PPW 285 23 1A	—	—	—	Waste Rock	—	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 285 27 1	—	—	—	Waste Rock	—	9.0	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PPW 285 27 1A	—	—	—	Waste Rock	—	9.0	0.06	1.9	—	—	—	—	—	—	—	—	—	—
PPW 285 28 1A	—	—	—	Waste Rock	—	9.2	0.04	1.3	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
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Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Panda (continued)																		
PPW 285 28 1B	—	—	—	Waste Rock	—	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 285 30 1A	—	—	—	Waste Rock	—	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 285 30 1B	—	—	—	Waste Rock	—	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 285 32 1	—	—	—	Waste Rock	—	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 285 32 1A	—	—	—	Waste Rock	—	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 285 33 1	—	—	—	Waste Rock	—	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 285 33 1A	—	—	—	Waste Rock	—	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 285-07-1A	—	—	—	Waste Rock	16-Aug-01	9.4	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PPW- 285-07-1A	—	—	—	Waste Rock	16-Aug-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 285-07-2A	—	—	—	Waste Rock	16-Aug-01	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW- 285-07-2A	—	—	—	Waste Rock	16-Aug-01	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 285-08-1A	—	—	—	Waste Rock	16-Aug-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 285-08-2A	—	—	—	Waste Rock	16-Aug-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 285-08-1A	—	—	—	Waste Rock	16-Aug-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 285-08-2A	—	—	—	Waste Rock	16-Aug-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 285-10-1A	—	—	—	Waste Rock	16-Aug-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 285-10-2A	—	—	—	Waste Rock	16-Aug-01	9.5	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW- 285-12-1A	—	—	—	Waste Rock	16-Aug-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 285-12-2A	—	—	—	Waste Rock	16-Aug-01	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW- 285-15-1A	—	—	—	Waste Rock	16-Aug-01	9.1	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 285-15-2A	—	—	—	Waste Rock	16-Aug-01	9.2	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 285-16-1A	—	—	—	Waste Rock	16-Aug-01	9.3	0.07	2.2	0.005	0.03	0.94	—	—	—	—	0.1	2.3	—
PPW- 285-16-2A	—	—	—	Waste Rock	16-Aug-01	9.4	0.18	5.6	0.005	0.15	4.7	—	—	—	—	0.1	2.3	—
PPW- 285-19-1A	—	—	—	Waste Rock	01-Oct-01	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW- 285-19-2A	—	—	—	Waste Rock	01-Oct-01	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW- 285-24-1A	—	—	—	Waste Rock	01-Oct-01	9.3	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PPW- 285-24-2A	—	—	—	Waste Rock	01-Oct-01	9.4	0.06	1.9	—	—	—	—	—	—	—	—	—	—
PPW- 270-02-1A	—	—	—	Waste Rock	01-Oct-01	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW- 270-02-2A	—	—	—	Waste Rock	01-Oct-01	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 270 03 1	—	—	—	Waste Rock	—	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 270 03 1A	—	—	—	Waste Rock	—	9.0	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 270 04 1	—	—	—	Waste Rock	—	9.0	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 270 04 1A	—	—	—	Waste Rock	—	8.9	0.02	0.63	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Panda (continued)																		
PPW 270 05 1	—	—	—	Waste Rock	—	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW 270 05 1A	—	—	—	Waste Rock	—	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 270 07 1	—	—	—	Waste Rock	—	9.1	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 270 07 1A	—	—	—	Waste Rock	—	9.2	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW 270 10 1	—	—	—	Waste Rock	—	9.3	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PPW 270 10 1A	—	—	—	Waste Rock	—	9.2	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW 270 13 1	—	—	—	Waste Rock	—	9.5	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PPW 270 13 1A	—	—	—	Waste Rock	—	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW 270 14 1	—	—	—	Waste Rock	—	9.3	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW 270 14 1A	—	—	—	Waste Rock	—	9.3	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PG-270-27 1A	—	—	—	Waste Rock	03-Apr-02	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PG-270-27 2A	—	—	—	Waste Rock	03-Apr-02	9.8	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW-270-07-1A	—	—	—	Waste Rock	07-Jan-02	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW-270-07-2A	—	—	—	Waste Rock	07-Jan-02	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW-270-16-1A	—	—	—	Waste Rock	07-Jan-02	9.3	0.09	2.8	—	—	—	—	—	—	—	—	—	—
PPW-270-16-2A	—	—	—	Waste Rock	07-Jan-02	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW-270-17-1A	—	—	—	Waste Rock	07-Jan-02	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW-270-17-2A	—	—	—	Waste Rock	07-Jan-02	8.7	0.10	3.1	—	—	—	—	—	—	—	—	—	—
PPW-270-18-1A	—	—	—	Waste Rock	07-Jan-02	9.5	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW-270-18-2A	—	—	—	Waste Rock	07-Jan-02	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-270-21-1A	—	—	—	Waste Rock	07-Jan-02	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-270-21-2A	—	—	—	Waste Rock	07-Jan-02	9.5	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW-270-22-1A	—	—	—	Waste Rock	07-Jan-02	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-270-22-2A	—	—	—	Waste Rock	07-Jan-02	9.2	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW-270-24-1A	—	—	—	Waste Rock	07-Jan-02	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW-270-24-2A	—	—	—	Waste Rock	07-Jan-02	9.3	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW-270-25-1A	—	—	—	Waste Rock	07-Jan-02	8.7	0.07	2.2	—	—	—	—	—	—	—	—	—	—
PPW-270-25-2A	—	—	—	Waste Rock	07-Jan-02	9.4	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW-270-29 1A	—	—	—	Waste Rock	03-Apr-02	9.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-270-29 2A	—	—	—	Waste Rock	03-Apr-02	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PG-255-11 1A	—	—	—	Waste Rock	03-Apr-02	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Panda (continued)																		
PG-255-11 2A	—	—	—	Waste Rock	03-Apr-02	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-255-03-1A	—	—	—	Waste Rock	07-Jan-02	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-255-03-2A	—	—	—	Waste Rock	07-Jan-02	9.1	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-255-04-1A	—	—	—	Waste Rock	07-Jan-02	9.0	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW-255-04-2A	—	—	—	Waste Rock	07-Jan-02	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-255-05-1A	—	—	—	Waste Rock	07-Jan-02	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW-255-05-2A	—	—	—	Waste Rock	07-Jan-02	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-255-07 1A	—	—	—	Waste Rock	03-Apr-02	9.6	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-255-07 2A	—	—	—	Waste Rock	03-Apr-02	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW-255-08-1A	—	—	—	Waste Rock	07-Jan-02	9.4	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW-255-08-2A	—	—	—	Waste Rock	07-Jan-02	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-255-13 1A	—	—	—	Waste Rock	03-Apr-02	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-255-13 2A	—	—	—	Waste Rock	03-Apr-02	9.7	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-255-15 1A	—	—	—	Waste Rock	03-Apr-02	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-255-15 2A	—	—	—	Waste Rock	03-Apr-02	9.6	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW-255-17 1A	—	—	—	Waste Rock	03-Apr-02	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-255-17 2A	—	—	—	Waste Rock	03-Apr-02	9.9	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-255-19 1A	—	—	—	Waste Rock	03-Apr-02	9.4	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-255-19 2A	—	—	—	Waste Rock	03-Apr-02	9.9	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW-255-21 1A	—	—	—	Waste Rock	03-Apr-02	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-255-21 2A	—	—	—	Waste Rock	03-Apr-02	9.2	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-255-24-1A	—	—	—	Waste Rock	27-May-02	9.8	0.09	2.8	—	—	—	—	—	—	—	—	—	—
PPW-255-24-2A	—	—	—	Waste Rock	27-May-02	9.3	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PPW-255-26-1A	—	—	—	Waste Rock	27-May-02	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-255-26-2A	—	—	—	Waste Rock	27-May-02	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-255-27-1A	—	—	—	Waste Rock	27-May-02	9.3	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-255-27-2A	—	—	—	Waste Rock	27-May-02	8.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW-255-29-1A	—	—	—	Waste Rock	27-May-02	9.6	0.06	1.9	—	—	—	—	—	—	—	—	—	—
PPW-255-29-2A	—	—	—	Waste Rock	27-May-02	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-255-32-1A	—	—	—	Waste Rock	27-May-02	9.5	0.05	1.6	—	—	—	—	—	—	—	—	—	—
PPW-255-32-2A	—	—	—	Waste Rock	27-May-02	9.5	0.005	0.16	—	—	—	—	—	—	—	—	—	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Panda (continued)																		
PPW-255-33-1A	—	—	—	Waste Rock	27-May-02	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-255-33-2A	—	—	—	Waste Rock	27-May-02	9.5	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-02-240-28-1a	—	—	—	Waste Rock	17-Aug-02	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW-02-240-28-2a	—	—	—	Waste Rock	17-Aug-02	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW-240-02-1A	—	—	—	Waste Rock	27-May-02	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-240-02-2A	—	—	—	Waste Rock	27-May-02	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-240-03-1A	—	—	—	Waste Rock	27-May-02	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-240-03-2A	—	—	—	Waste Rock	27-May-02	9.6	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW-240-15-1A	—	—	—	Waste Rock	27-May-02	9.3	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-240-15-2A	—	—	—	Waste Rock	27-May-02	9.1	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-240-31-1a	—	—	—	Waste Rock	04-Sep-02	9.5	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PPW-240-31-2a	—	—	—	Waste Rock	04-Sep-02	9.0	0.04	1.3	—	—	—	—	—	—	—	—	—	—
PPW-240-32-1a	—	—	—	Waste Rock	04-Sep-02	9.8	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-240-32-2a	—	—	—	Waste Rock	04-Sep-02	10.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-240-38-1a	—	—	—	Waste Rock	04-Sep-02	9.7	0.01	0.31	—	—	—	—	—	—	—	—	—	—
PPW-240-38-2a	—	—	—	Waste Rock	04-Sep-02	9.7	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-240-39-1a	—	—	—	Waste Rock	04-Sep-02	9.9	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-240-39-2a	—	—	—	Waste Rock	04-Sep-02	9.7	0.03	0.94	—	—	—	—	—	—	—	—	—	—
PP-225-09-1A	—	—	—	Waste Rock	24-Sep-02	8.8	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PP-225-14-1A	—	—	—	Waste Rock	24-Sep-02	9.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PP-225-14-2A	—	—	—	Waste Rock	24-Sep-02	9.0	0.02	0.63	—	—	—	—	—	—	—	—	—	—
PPW-225-07-1a	—	—	—	Waste Rock	04-Sep-02	9.4	0.005	0.16	—	—	—	—	—	—	—	—	—	—
PPW-225-07-2a	—	—	—	Waste Rock	04-Sep-02	9.6	0.005	0.16	—	—	—	—	—	—	—	—	—	—
SRK-ROAD-18B	—	—	—	Waste Rock	19-Jun-03	9.3	0.06	1.9	—	—	—	—	—	—	—	—	—	—
SRK-PPWR-18B	—	—	—	Waste Rock	19-Jun-03	9.0	0.06	1.9	—	—	—	—	—	—	—	—	—	—
Median						9.5	0.01	0.31	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
Minimum						8.4	0.005	0.16	0.005	0.005	0.16	—	—	—	—	0.1	2.3	—
Maximum						12.1	0.39	12.2	0.07	0.15	4.7	—	—	—	—	0.8	18.2	—
Count						391	391	391	43	43	43	0	0	0	0	43	43	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
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No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Waste Rock Dump																		
BH-00-01 0-2	—	—	—	Waste Rock	—	8.3	0.10	3.1	0.005	—	—	—	—	—	—	0.4	9.1	—
BH-00-01 2-4	—	—	—	Waste Rock	—	8.9	0.04	1.3	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-01 4-6	—	—	—	Waste Rock	—	8.8	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-01 6-8	—	—	—	Waste Rock	—	9.1	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-01 8-10	—	—	—	Waste Rock	—	8.8	0.01	0.31	0.01	—	—	—	—	—	—	0.1	2.3	—
BH-00-01 10-12	—	—	—	Waste Rock	—	9.6	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-01 12-14	—	—	—	Waste Rock	—	9.3	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-01 14-16	—	—	—	Waste Rock	—	9.4	0.04	1.3	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-01 16-18	—	—	—	Waste Rock	—	9.2	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-01 18-19	—	—	—	Waste Rock	—	9.2	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02 0-2	—	—	—	Waste Rock	—	8.7	0.14	4.4	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02 2-4	—	—	—	Waste Rock	—	8.3	0.09	2.8	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02 4-6	—	—	—	Waste Rock	—	9.0	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02 6-8	—	—	—	Waste Rock	—	9.7	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02 8-10	—	—	—	Waste Rock	—	9.4	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02 10-12	—	—	—	Waste Rock	—	9.5	0.01	0.31	0.005	—	—	—	—	—	—	0.2	4.5	—
BH-00-02 12-14	—	—	—	Waste Rock	—	9.5	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02 14-16	—	—	—	Waste Rock	—	9.6	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02 16-18	—	—	—	Waste Rock	—	9.5	0.03	0.94	0.005	—	—	—	—	—	—	0.2	4.5	—
BH-00-02 18-19	—	—	—	Waste Rock	—	7.9	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02A 0-2	—	—	—	Waste Rock	—	8.6	0.17	5.3	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02A 2-4	—	—	—	Waste Rock	—	8.5	0.04	1.3	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02A 4-6	—	—	—	Waste Rock	—	8.3	0.04	1.3	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02A 6-8	—	—	—	Waste Rock	—	8.5	0.06	1.9	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02A 8-10	—	—	—	Waste Rock	—	9.4	0.02	0.63	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02A 10-12	—	—	—	Waste Rock	—	9.0	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02A 12-14	—	—	—	Waste Rock	—	7.6	0.18	5.6	0.03	—	—	—	—	—	—	0.1	2.3	—
BH-00-02A 16-18	—	—	—	Waste Rock	—	9.3	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-02A 18-19	—	—	—	Waste Rock	—	8.7	0.02	0.63	0.005	—	—	—	—	—	—	0.6	13.6	—
BH-00-03 0-2	—	—	—	Waste Rock	—	9.5	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-03 2-4	—	—	—	Waste Rock	—	9.4	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.

Table B-1 Acid Base Accounting of Solid Samples

Sample No.	Drill Hole No.	Sample Interval From	Sample Interval To	General Rock Type	Date	Paste pH	Total Sulphur	Max Acidic Potential (MAP)[a]	Sulphate	Sulphide	Acidic Potential (AP)[b]	Neutralization Potential (NP)	Net Neutralization Potential (NNP)	NP/MAP	Carbonate as C	Carbonate as CO_2	Carbonate Neutralization Potential (CaNP)[c]	NAG pH
						unit	(%)	(kg $CaCO_3$/t)	(%)	(%)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	(kg $CaCO_3$/t)	—	(%)	(%)	(kg $CaCO_3$/t)	—
Waste Rock (continued)																		
Waste Rock Dump (continued)																		
BH-00-03 4-6	—	—	—	Waste Rock	—	9.5	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-03 6-8	—	—	—	Waste Rock	—	7.4	0.02	0.63	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-03A 0-2	—	—	—	Waste Rock	—	8.7	0.01	0.31	0.01	—	—	—	—	—	—	0.1	2.3	—
BH-00-03A 2-4	—	—	—	Waste Rock	—	7.7	0.02	0.63	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-03A 4-6	—	—	—	Waste Rock	—	9.2	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-03A 6-8	—	—	—	Waste Rock	—	8.3	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-06 0-2	—	—	—	Waste Rock	—	9.5	0.02	0.63	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-06 2-4	—	—	—	Waste Rock	—	9.4	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-06 4-6	—	—	—	Waste Rock	—	9.3	0.005	0.16	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-06 6-8	—	—	—	Waste Rock	—	9.2	0.02	0.63	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-06 8-10	—	—	—	Waste Rock	—	9.1	0.02	0.63	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-06 10-12	—	—	—	Waste Rock	—	9.4	0.02	0.63	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-06 12-14	—	—	—	Waste Rock	—	9.3	0.02	0.63	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-06 14-16	—	—	—	Waste Rock	—	8.3	0.13	4.1	0.04	—	—	—	—	—	—	0.1	2.3	—
BH-00-06 16-18	—	—	—	Waste Rock	—	8.9	0.06	1.9	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-06 18-20	—	—	—	Waste Rock	—	8.6	0.11	3.4	0.01	—	—	—	—	—	—	0.6	13.6	—
BH-00-06 20-22	—	—	—	Waste Rock	—	9.0	0.05	1.6	0.005	—	—	—	—	—	—	0.4	9.1	—
BH-00-06 22-24	—	—	—	Waste Rock	—	9.3	0.03	0.94	0.005	—	—	—	—	—	—	0.2	4.5	—
BH-00-06 24-26	—	—	—	Waste Rock	—	9.6	0.01	0.31	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-06 26-28	—	—	—	Waste Rock	—	9.3	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-06 28-30	—	—	—	Waste Rock	—	9.3	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
BH-00-06 30-32	—	—	—	Waste Rock	—	9.2	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
Median						9.2	0.03	0.94	0.005	—	—	—	—	—	—	0.1	2.3	—
Minimum						7.4	0.005	0.16	0.005	—	—	—	—	—	—	0.1	2.3	—
Maximum						9.7	0.18	5.6	0.04	—	—	—	—	—	—	0.6	13.6	—
Count						53	53	53	53	0	0	0	0	0	0	53	53	—

a) MAP = Total Sulphur x 31.25.
b) AP = Sulphide Sulphur x 31.25.
c) CaNP = Carbonate as C x 100.09/12.01)*10; or Carbonate as CO_2 x 100.09/44.01)*10. Preference given to former calculation if results for carbonate as C exist.
0.005 Denotes result below detection limit. Assigned a value of one half the detection limit.
No. = number; # = number; % = percent; kg $CaCo_3$/t = kilograms of calcium carbonate equivalent per tonne of material; NP/MAP = neutralization potential/maximum acidic potential; C = carbon; CO_2 = carbon dioxide; NAG = net acid generation; — = analysis not completed.