

APPENDIX I

Sample locations, summarised details and abbreviations used in appendices

| Reg. No. | Location | Sample description | Unit | Date | mE | mN | Acc. (m) |
|----------|----------------------------|--|------|-----------|--------|---------|----------|
| C108801 | North Pit | magnetite-pyrite ore | H2 | 15/2/2006 | 350420 | 5407560 | 500 |
| C108802 | North Pit, float | dolomite, laminated + quartz-chlorite | H5 | 15/2/2006 | 350220 | 5407560 | 500 |
| C108803 | North Pit | rhodocrocite + calcite + hematite vein in mafic | Vn | 15/2/2006 | 350220 | 5407560 | 500 |
| C108804 | North Pit | actinolite-asbestos | Va | 15/2/2006 | 350420 | 5407560 | 500 |
| C108805 | North Pit | pyrite-talc (lost) | H4 | 15/2/2006 | 350420 | 5407560 | 500 |
| C108806 | Thureau tunnel | quartz | Vq | 15/2/2006 | 349892 | 5402579 | 10 |
| C108807 | Thureau tunnel | quartz | Vq | 15/2/2006 | 349892 | 5402579 | 10 |
| C108808 | Thureau tunnel | quartz | Vq | 15/2/2006 | 349892 | 5402579 | 10 |
| C108809 | Thureau tunnel | phyllite (Oonah), qtz-ms-chl-mylonitic, veined | OO | 15/2/2006 | 349892 | 5402579 | 10 |
| C108810 | North Pit | pink calcite-albite vein | Vn | 15/2/2006 | 350516 | 5407527 | 100 |
| C108811 | North Pit, east wall | metamafic tuff (chlorite-albite-calcite) | EWC | 15/2/2006 | 350538 | 5407503 | 100 |
| C108812 | North Pit, east wall | epidosite clasts in mafic breccia (chl-qtz-ab-ep) | Ybq | 15/2/2006 | 350538 | 5407503 | 100 |
| C108813 | North Pit, east wall | metamafic tuff (chlorite-dolomite-calcite) | EWC | 15/2/2006 | 350538 | 5407503 | 10 |
| C108814 | North Pit, east wall | metamafic tuff (chl-dol-cal-ep) | EWC | 15/2/2006 | 350523 | 5407466 | 10 |
| C108815 | North Pit, east wall | metamafic sandstone (quartz-chlorite-albite) | EW | 15/2/2006 | 350551 | 5407561 | 10 |
| C108816 | North Pit | talc-dolomite? in fault zone | Yb | 15/2/2006 | 350611 | 5408072 | 100 |
| C108817 | North Pit | blue calcite vein | Vn | 16/2/2006 | 350611 | 5408072 | 100 |
| C108818 | North Pit | pink CO ₃ + chalcopyrite + magnetite-vein | Vn | 16/2/2006 | 350520 | 5408096 | 10 |
| C108819 | North Pit | tremolite asbestos | Va | 16/2/2006 | 350600 | 5408072 | 100 |
| C108820 | North Pit, ore zone | talc-chlorite dolomite schist | H4 | 16/2/2006 | 350520 | 5408096 | 10 |
| C108821a | North Pit | talc-dolomite-chlorite-pyrite mylonite | H4 | 16/2/2006 | 350520 | 5408091 | 10 |
| C108821b | North Pit | talc-dolomite-chlorite-pyrite schist | H5 | 16/2/2006 | 350520 | 5408091 | 10 |
| C108822 | North Pit | graphitic mylonite (chl-ms-pl) | Y | 16/2/2006 | 350520 | 5408091 | 10 |
| C108823a | North Pit | talc-chlorite-dolomite rock | H4 | 16/2/2006 | 350520 | 5408091 | 10 |
| C108823b | North Pit | talc-chlorite-dolomite rock | H4 | 16/2/2006 | 350520 | 5408091 | 10 |
| C108824 | North Pit, west of lode | banded chlorite-albite-dolomite rock | MR | 16/2/2006 | 350520 | 5408091 | 10 |
| C108825 | North Pit, west of lode | dolomite + magnesite | H5 | 16/2/2006 | 350372 | 5408046 | 10 |
| C108826 | North Pit, west of lode | quartz-chlorite-mylonite | Y | 16/2/2006 | 350372 | 5408046 | 100 |
| C108827a | North Pit | magnesite, dolomite (various col., breccia?) | H6 | 16/2/2006 | 350372 | 5408046 | 100 |
| C108827b | North Pit | dolomite + magnesite | H5 | 16/2/2006 | 350372 | 5408046 | 100 |
| C108827c | North Pit | dolomite + magnesite | H5 | 16/2/2006 | 350372 | 5408046 | 100 |
| C108828 | North Pit | actinolite asbestos | Va | 16/2/2006 | 350611 | 5408072 | 50 |
| C108829 | North Pit | dolomite vein + talc-chalcopyrite | Vz | 16/2/2006 | 350627 | 5408069 | 10 |
| C108830 | North Pit, west of lode | magnetite-serpentinite ore | H2 | 16/2/2006 | 350558 | 5408084 | 10 |
| C108831 | North Pit, ore zone | magnetite-serpentinite ore | H2 | 16/2/2006 | 350572 | 5408082 | 10 |
| C108832 | North Pit, ore zone | metamafic sandstone (quartz-chlorite-albite) | EW | 16/2/2006 | 350611 | 5408058 | 10 |
| C108833 | North Pit | metamafic tuff (chlorite-albite-carbonaceous) | EW | 16/2/2006 | 350497 | 5408082 | 10 |
| C108834 | North Pit, west of lode | metamafic sandstone (quartz-chl-magnetite) | W3 | 16/2/2006 | 350357 | 5408045 | 10 |
| C108835 | North Pit | magnesite, various colours, breccia? | H6 | 16/2/2006 | 350357 | 5408045 | 10 |
| C108836 | North Pit, west of lode | dolomite, red banded | H5 | 16/2/2006 | 350387 | 5408089 | 10 |
| C108837 | North Pit | metamafic | H7 | 16/2/2006 | 350412 | 5408114 | 10 |
| C108838 | North Pit, west of lode | banded chlorite-dolomite albitite | W1 | 16/2/2006 | 350428 | 5408128 | 10 |
| C108839 | North Pit, west of lode | metamafic tuff (albite-amphibole) | H7 | 16/2/2006 | 350450 | 5408122 | 10 |
| C108840 | North Pit | tremolite asbestos | Va | 16/2/2006 | 350450 | 5408122 | 10 |
| C108841 | North Pit, ore zone | magnetite ore + talc | H2 | 16/2/2006 | 350612 | 5408060 | 10 |
| C108842 | North Pit, ore zone | metamafic sandstone (chlorite-albite-mica) | EW | 16/2/2006 | 350616 | 5408050 | 10 |
| C108843 | North Pit | magnetite ore | H2 | 16/2/2006 | 350613 | 5408068 | 10 |
| C108844 | South Pit | amphibole-albitite mylonite? | W1 | 19/2/2006 | 348071 | 5403168 | 10 |
| C108845a | South Pit, upper west wall | pyroxene-amphibole-quartz skarn? | W5 | 19/2/2006 | 348076 | 5403169 | 10 |
| C108845b | South Pit, upper west wall | pyroxene-amphibole-quartz skarn? | H1 | 19/2/2006 | 348076 | 5403169 | 10 |
| C108846 | South Pit, upper west wall | muscovite-albitite siltstone | W1 | 19/2/2006 | 348064 | 5403160 | 10 |
| C108847 | South Pit, upper west wall | hematite-pyrite vein in mafic | Vz | 19/2/2006 | 348062 | 5403165 | 10 |
| C108848a | South Pit, upper west wall | epidote-amphibolite mylonite | Y | 19/2/2006 | 348061 | 5403166 | 10 |
| C108848b | South Pit, upper west wall | amphibole-albitite siltstone | W1 | 19/2/2006 | 348061 | 5403166 | 10 |
| C108849 | South Pit, upper west wall | amphibole-albite metadolerite, coarse grained | ID | 19/2/2006 | 348011 | 5403152 | 10 |
| C108850 | South Pit, upper west wall | albitite | W1 | 19/2/2006 | 348019 | 5403151 | 10 |
| C108851 | South Pit, upper west wall | chalcopyrite-pyrite-CO ₃ vein | Vz | 19/2/2006 | 348007 | 5403144 | 10 |
| C108852 | South Pit, west of ore | hem-qtz-py-cpy-dol vein in mafic | Vz | 19/2/2006 | 347957 | 5402917 | 10 |
| C108853 | South Pit, west of ore | hematite vein in mafic | Vz | 19/2/2006 | 347966 | 5402918 | 10 |
| C108854 | South Pit | ?magnetite vein in serpentinite; west of ore | Vz | 19/2/2006 | 347962 | 5402911 | 10 |
| C108855 | South Pit | pink calcite vein | Vn | 19/2/2006 | 347962 | 5402911 | 10 |
| C108856 | South Pit, west of ore | quartz-albitite | W2 | 19/2/2006 | 347964 | 5402908 | 10 |
| C108857 | South Pit, west of ore | albitite, coarse grained, mylonitic | W2 | 19/2/2006 | 347959 | 5402911 | 10 |

| Reg. No. | Location | Sample description | Unit | Date | mE | mN | Acc. (m) |
|----------|-----------------------------------|---|------|-----------|--------|---------|----------|
| C108858 | South Pit, west of ore | albite-amphibole metamafic sandstone | W3 | 19/2/2006 | 347963 | 5402906 | 10 |
| C108859 | South Pit, west of ore | banded chlorite-dolomite albitite | W1 | 19/2/2006 | 347938 | 5402892 | 10 |
| C108860 | South Pit, west of ore | albitite | W2 | 19/2/2006 | 347928 | 5402851 | 10 |
| C108861 | South Pit, west of ore | dolomite-quartz-albitite | W2 | 19/2/2006 | 347933 | 5402839 | 10 |
| C108862 | South Pit | quartz-pyrite-CO ₃ vein | Vn | 19/2/2006 | 347929 | 5402840 | 10 |
| C108863 | South Pit, west of ore | hematite-chalcopyrite-CO ₃ vein in mafic | Vn | 19/2/2006 | 347948 | 5402835 | 10 |
| C108864 | South Pit, west of ore | quartz-amphibole | W5 | 19/2/2006 | 347947 | 5402829 | 10 |
| C108865 | South Pit | talc-hematite vein in albitite | Vz | 19/2/2006 | 347945 | 5402824 | 10 |
| C108866 | South Pit, west of ore | magnetite-calcite vein in albitite | W1 | 19/2/2006 | 347946 | 5402826 | 10 |
| C108867 | South Pit, west ore zone | talc-calcite rock | H4 | 19/2/2006 | 347977 | 5402773 | 10 |
| C108868 | South Pit, west ore zone | amphibolite | H1 | 19/2/2006 | 347971 | 5402795 | 10 |
| C108869 | South Pit, west ore zone, float | banded pyrite-dolomite | H2p | 19/2/2006 | 347979 | 5402797 | 10 |
| C108870 | South Pit, west ore zone | albite-epidote-amphibole-chlorite metamafic | H7 | 19/2/2006 | 347980 | 5402798 | 10 |
| C108871 | South Pit, west ore zone | massive magnetite + pyrite | H2 | 19/2/2006 | 347978 | 5402791 | 10 |
| C108872a | South Pit | massive pyrite | H2p | 19/2/2006 | 347986 | 5402791 | 10 |
| C108872b | South Pit | talc-pyrite-magnetite-apatite ore | H2p | 19/2/2006 | 347986 | 5402791 | 10 |
| C108873 | South Pit | actinolite asbestos | Va | 19/2/2006 | 347986 | 5402791 | 10 |
| C108874a | South Pit | quartz-calcite mylonite | Y | 19/2/2006 | 348013 | 5402786 | 10 |
| C108874b | South Pit | quartz-calcite-chlorite mylonite | Y | 19/2/2006 | 348013 | 5402786 | 10 |
| C108875 | South Pit, central zone | quartz-dolomite | H5 | 19/2/2006 | 348012 | 5402791 | 10 |
| C108876 | South Pit, central zone | quartz-chlorite-calcite metamafic sandstone | EWC | 19/2/2006 | 348014 | 5402790 | 10 |
| C108877 | South Pit, central zone | massive pyrite + CO ₃ | H2p | 19/2/2006 | 348016 | 5402793 | 10 |
| C108878 | South Pit, central zone | chlorite-quartz-albite-dolerite | ID | 19/2/2006 | 348051 | 5402796 | 10 |
| C108879 | South Pit, central zone | qtz-chl-ep-am-ab metamafic tuff | EW | 19/2/2006 | 348119 | 5402810 | 10 |
| C108880 | South Pit, east ore | magnetite-pyrite-dolomite breccia ore | H2 | 19/2/2006 | 348211 | 5402827 | 10 |
| C108881 | South Pit, central zone, float | dolomite-talc-magnesite | H6 | 19/2/2006 | 348222 | 5402836 | 10 |
| C108882 | South Pit, central zone | serpentinite | H3 | 19/2/2006 | 348227 | 5402838 | 10 |
| C108883 | South Pit, central zone | dolomite + magnetite | H5 | 19/2/2006 | 348233 | 5402840 | 10 |
| C108884 | South Pit, central zone | chlorite-plagioclase-quartz metamafic tuff | H7 | 19/2/2006 | 348240 | 5402850 | 50 |
| C108885 | Centre Pit North, upper west wall | tourmaline-quartz-albite metasiltstone | MR | 20/2/2006 | 349706 | 5405989 | 10 |
| C108886 | Centre Pit North, upper west wall | albite-quartzite | W4 | 20/2/2006 | 349703 | 5405979 | 10 |
| C108887 | Centre Pit North, upper west wall | Cu-brg ep-am-ab metamafic tuff | W3 | 20/2/2006 | 349705 | 5405961 | 10 |
| C108888 | Centre Pit North | siliceous zone | W4 | 20/2/2006 | 349692 | 5405914 | 10 |
| C108889 | Centre Pit North, upper west wall | albite-muscovite schist | MRU | 20/2/2006 | 349669 | 5406056 | 10 |
| C108890 | Centre Pit North, upper west wall | qtz-ab-chl-bt-ms metamafic sandstone | MRU | 20/2/2006 | 349668 | 5406045 | 10 |
| C108891 | Centre Pit North, upper west wall | quartz-amphibole rock | W5 | 20/2/2006 | 349676 | 5406031 | 10 |
| C108892 | Centre Pit North, upper west wall | albite-amphibole-chlorite metamafic tuff | W3 | 20/2/2006 | 349665 | 5405974 | 10 |
| C108893 | Centre Pit North, upper west wall | quartz-amphibole rock | W5 | 20/2/2006 | 349666 | 5405976 | 10 |
| C108894 | Centre Pit North, upper west wall | muscovite albitite | W1 | 20/2/2006 | 349646 | 5406016 | 10 |
| C108895 | Centre Pit North, upper west wall | albitite | W1 | 20/2/2006 | 349652 | 5406025 | 10 |
| C108896 | Centre Pit North, upper west wall | muscovite-albite-chlorite schist | MRU | 20/2/2006 | 349653 | 5406028 | 10 |
| C108897 | Centre Pit North, upper west wall | pyrite-tourmaline-albitite | H2p | 20/2/2006 | 349642 | 5405987 | 10 |
| C108898 | Centre Pit North, upper west wall | albitite | W1 | 20/2/2006 | 349643 | 5405986 | 10 |
| C108899 | Centre Pit North, upper west wall | albitite breccia | W2 | 20/2/2006 | 349644 | 5405986 | 10 |
| C108900 | Centre Pit North | albitite | W2 | 20/2/2006 | 349643 | 5405996 | 10 |
| C108901 | Centre Pit North, upper west wall | quartz sandstone + tourmaline-dolomite | W4 | 20/2/2006 | 349621 | 5405879 | 10 |
| C108902 | Centre Pit North | siliceous zone, banded | W4 | 20/2/2006 | 349604 | 5405891 | 10 |
| C108903 | Specimen reef | pyrite-sandstone | D | 21/2/2006 | 352030 | 5411100 | 100 |
| C108904 | Specimen reef | gossanous quartz | D | 21/2/2006 | 352030 | 5411100 | 100 |
| C108905 | Specimen reef | quartz + schist | D | 21/2/2006 | 352030 | 5411100 | 100 |
| C108906 | NDDH0601, 433.4, North Pit | massive magnetite | H2 | 21/2/2006 | 350573 | 5408273 | 1 |
| C108907 | NDDH0601, 502.6, North Pit | massive magnetite + serpentinite | H2 | 21/2/2006 | 350616 | 5408285 | 1 |
| C108908 | NDDH0601, 510.8, North Pit | apatite-serpentinite-magnetite | H2ap | 21/2/2006 | 350621 | 5408286 | 1 |
| C108909 | NDDH0601, 516.4, North Pit | massive magnetite + calcite, dolomite | H2 | 21/2/2006 | 350624 | 5408287 | 1 |
| C108910 | NDDH0601, 527.5, North Pit | massive pyrite + dolomite | H2p | 21/2/2006 | 350631 | 5408289 | 1 |
| C108911 | NDDH0601, 530.2, North Pit | serpentinite + magnetite, pyrite, chlorite | H2 | 21/2/2006 | 350633 | 5408289 | 1 |
| C108912 | NDDH0601, 129.05, North Pit | quartz | Vq | 21/2/2006 | 350384 | 5408223 | 1 |
| C108913 | NDDH0601, 131.3, North Pit | quartz-dolomite-albitite | MR | 21/2/2006 | 350385 | 5408223 | 1 |
| C108914 | NDDH0601, 136.5, North Pit | albite + tourmaline vein in quartz-albitite | MR | 21/2/2006 | 350388 | 5408224 | 1 |
| C108915 | NDDH0601, 141.1, North Pit | quartz-tourmaline albitite | MR | 21/2/2006 | 350391 | 5408225 | 1 |
| C108916 | NDDH0601, 148.2, North Pit | pyrite-tourmaline sandstone | W4 | 21/2/2006 | 350396 | 5408226 | 1 |
| C108917 | NDDH0601, 151.5, North Pit | albite-siltstone | MR | 21/2/2006 | 350398 | 5408226 | 1 |
| C108918 | NDDH0601, 154.9, North Pit | quartz-tourmaline albitite | MR | 21/2/2006 | 350400 | 5408227 | 1 |
| C108919 | NDDH0601, 156.9, North Pit | siliceous zone | W4 | 21/2/2006 | 350401 | 5408227 | 1 |
| C108920 | NDDH0601, 160.3, North Pit | quartz-albite-chlorite breccia | MR | 21/2/2006 | 350403 | 5408228 | 1 |
| C108921 | NDDH0601, 167.4, North Pit | quartz-albitite | W1 | 21/2/2006 | 350407 | 5408229 | 1 |

| Reg. No. | Location | Sample description | Unit | Date | mE | mN | Acc. (m) |
|----------|-----------------------------|--|------|-----------|--------|---------|----------|
| C108922 | NDDH0601, 172.7, North Pit | quartz vein | Vq | 21/2/2006 | 350411 | 5408230 | 1 |
| C108923 | NDDH0601, 174.2, North Pit | banded albite zone | W1 | 21/2/2006 | 350412 | 5408230 | 1 |
| C108924 | NDDH0601, 182.6, North Pit | quartz-chlorite breccia | Ybq | 21/2/2006 | 350417 | 5408232 | 1 |
| C108925 | NDDH0601, 184.1, North Pit | chlorite-quartz | W4 | 21/2/2006 | 350418 | 5408232 | 1 |
| C108926 | NDDH0601, 193.9, North Pit | albite-quartz arenite | MR | 21/2/2006 | 350424 | 5408233 | 1 |
| C108927 | NDDH0601, 218.3, North Pit | cherty-albite-quartz-pyrite-dolomite breccia | Ybq | 21/2/2006 | 350439 | 5408237 | 1 |
| C108928 | NDDH0601, 220.8, North Pit | albite-quartz-chlorite arenite | MR | 21/2/2006 | 350441 | 5408238 | 1 |
| C108929 | NDDH0601, 234.7, North Pit | siliceous zone: quartz-chlorite-pyrite-breccia | Ybq | 21/2/2006 | 350449 | 5408240 | 1 |
| C108930 | NDDH0601, 237.1, North Pit | albite-quartzite | MR | 21/2/2006 | 350451 | 5408241 | 1 |
| C108931 | NDDH0601, 250.2, North Pit | quartz-albite-dolomite breccia | MR | 21/2/2006 | 350459 | 5408243 | 1 |
| C108932 | NDDH0601, 251, North Pit | hematite-dolomite-quartz-magnetite mylonite | Y | 21/2/2006 | 350459 | 5408243 | 1 |
| C108933 | NDDH0601, 253.7, North Pit | chlorite-talc-dolomite-magnetite mylonite | Y | 21/2/2006 | 350461 | 5408243 | 1 |
| C108934 | NDDH0601, 272.8, North Pit, | talc-magnetite-pyrite mylonitic ore | H2p | 21/2/2006 | 350473 | 5408247 | 1 |
| C108935 | NDDH0601, 275.8, North Pit | talc-calcite-mylonite | Y | 21/2/2006 | 350475 | 5408247 | 1 |
| C108936 | NDDH0601, 291.3, North Pit | ab-am-chl-py-mt-tlc-mylonite | H2 | 21/2/2006 | 350485 | 5408250 | 1 |
| C108937 | NDDH0601, 299.3, North Pit | chlorite-magnetite-pyrite mylonite | Y | 21/2/2006 | 350489 | 5408251 | 1 |
| C108938 | NDDH0601, 306.55, North Pit | ep-am-chl metamafic tuff + tourmaline | H7 | 21/2/2006 | 350494 | 5408252 | 1 |
| C108939 | NDDH0601, 311.6, North Pit | pyrite-magnetite vein | Vz | 21/2/2006 | 350497 | 5408253 | 1 |
| C108940 | NDDH0601, 315.2, North Pit | spotted epidote-albite-am metamafic tuff | H7 | 21/2/2006 | 350499 | 5408254 | 1 |
| C108941 | NDDH0601, 318.6, North Pit | spotted epidote-albite-am metamafic tuff | H7 | 21/2/2006 | 350501 | 5408254 | 1 |
| C108942 | NDDH0601, 318.8, North Pit | biotite-albite-amphibole metamafic tuff | H7 | 21/2/2006 | 350501 | 5408254 | 1 |
| C108943 | NDDH0601, 320.7, North Pit | biotite-albite-amphibole metadolerite | ID | 21/2/2006 | 350503 | 5408255 | 1 |
| C108944 | NDDH0601, 323.7, North Pit | apatite-amphibole-pyrite | H2ap | 21/2/2006 | 350504 | 5408255 | 1 |
| C108945 | NDDH0601, 325.8, North Pit | mylonite-talc-dolomite-albite-serpentinite | Y | 21/2/2006 | 350506 | 5408255 | 1 |
| C108946 | NDDH0601, 338.7, North Pit | chlorite-albite-amphibole breccia | Yb | 21/2/2006 | 350514 | 5408257 | 1 |
| C108947 | NDDH0601, 345.4, North Pit | tourmaline-chl-am-ab metamafic tuff | H7 | 21/2/2006 | 350518 | 5408259 | 1 |
| C108948 | NDDH0601, 355.8, North Pit | mylonite-talc-CO ₃ : lost? | Y | 21/2/2006 | 350524 | 5408260 | 1 |
| C108949 | NDDH0601, 357.4, North Pit | dolomitic serpentinite | H3d | 21/2/2006 | 350525 | 5408261 | 1 |
| C108950a | NDDH0601, 359.3, North Pit | dolomitic serpentinite | H3d | 21/2/2006 | 350527 | 5408261 | 1 |
| C108950b | NDDH0601, 359.3, North Pit | dolomitic serpentinite | H3d | 21/2/2006 | 350527 | 5408261 | 1 |
| C108951 | NDDH0601, 359.6, North Pit | dolomite-veins + talc-chlorite | Vn | 21/2/2006 | 350527 | 5408261 | 1 |
| C108952 | NDDH0601, 361.25, North Pit | serpentinite-dolomite | H3d | 21/2/2006 | 350528 | 5408261 | 1 |
| C108953 | NDDH0601, 361.75, North Pit | chlorite-amphibole-talc mylonite | Y | 21/2/2006 | 350528 | 5408261 | 1 |
| C108954 | NDDH0601, 363.4, North Pit | dolomitic serpentinite | H3d | 21/2/2006 | 350529 | 5408262 | 1 |
| C108955 | NDDH0601, 367.3, North Pit | talc-serpentinite-dolomite | H5 | 21/2/2006 | 350532 | 5408262 | 1 |
| C108956 | NDDH0601, 374.3, North Pit | granular talc-serpentinite-dolomite | H4 | 21/2/2006 | 350536 | 5408263 | 1 |
| C108957 | NDDH0601, 376.3, North Pit | quartz-albite-biotite metamafic tuff | H7 | 21/2/2006 | 350537 | 5408264 | 1 |
| C108958a | NDDH0601, 380, North Pit | quartz-dolomite sandstone | H4 | 21/2/2006 | 350539 | 5408264 | 1 |
| C108958b | NDDH0601, 380, North Pit | quartz-talc-chlorite-dolomite zone | Y | 21/2/2006 | 350539 | 5408264 | 1 |
| C108959 | NDDH0601, 388.5, North Pit | quartzite | W4 | 21/2/2006 | 350545 | 5408266 | 1 |
| C108960 | NDDH0601, 388.6, North Pit | quartzite | W4 | 21/2/2006 | 350545 | 5408266 | 1 |
| C108961 | NDDH0601, 415.7, North Pit | albite-chl-biotite-muscovite mafic siltstone? | H7 | 21/2/2006 | 350562 | 5408270 | 1 |
| C108962 | NDDH0601, 419.5, North Pit | epidote-amphibole-albite metamafic tuff | H7 | 21/2/2006 | 350564 | 5408271 | 1 |
| C108963 | NDDH0601, 424.4, North Pit | mafic breccia: amphibole + epidote | Yb | 21/2/2006 | 350567 | 5408272 | 1 |
| C108964 | NDDH0601, 431.5, North Pit | chlorite-amphibole mylonite | Y | 21/2/2006 | 350571 | 5408273 | 1 |
| C108965 | NDDH0601, 432.4, North Pit | amphibole-chlorite-magnetite ore | H2 | 21/2/2006 | 350572 | 5408273 | 1 |
| C108966 | NDDH0601, 466.8, North Pit | magnetite ore + pyrite-dolomite-chlorite | H2 | 21/2/2006 | 350593 | 5408279 | 1 |
| C108967 | NDDH0601, 518.5, North Pit | magnetite-pyrite ore | H2 | 21/2/2006 | 350625 | 5408287 | 1 |
| C108968 | NDDH0601, 525.5, North Pit | magnetite-pyrite-serpentinite ore | H2 | 21/2/2006 | 350630 | 5408289 | 1 |
| C108969 | NDDH0601, 535.6, North Pit | serpentinite | H3 | 21/2/2006 | 350636 | 5408290 | 1 |
| C108970 | NDDH0601, 537.5, North Pit | amphibolite | H1 | 21/2/2006 | 350637 | 5408291 | 1 |
| C108971 | NDDH0601, 538.5, North Pit | pink chlorite-talc-mylonite | H2 | 21/2/2006 | 350638 | 5408291 | 1 |
| C108972 | NDDH0601, 539.3, North Pit | mylonitic chlorite-amphibolite | Y | 21/2/2006 | 350638 | 5408291 | 1 |
| C108973 | NDDH0601, 548.8, North Pit | tourmaline-albite-amphibole-biotite mylonite | Y | 21/2/2006 | 350644 | 5408292 | 1 |
| C108974 | NDDH0601, 551, North Pit | chlorite-albite-magnetite metamafic tuff | H7 | 21/2/2006 | 350646 | 5408293 | 1 |
| C108975 | NDDH0601, 558.3, North Pit | quartz-albite-calcite breccia | Ybq | 21/2/2006 | 350650 | 5408294 | 1 |
| C108976 | NDDH0601, 563.1, North Pit | dolomite + calcite + quartz-chlorite-talc | H4 | 21/2/2006 | 350653 | 5408295 | 1 |
| C108977 | NDDH0601, 579.3, North Pit | dolomite-chlorite-talc-mylonite | Y | 21/2/2006 | 350663 | 5408298 | 1 |
| C108978a | NDDH0601, 580, North Pit | chlorite-quartz-dolomite | H4 | 21/2/2006 | 350664 | 5408298 | 1 |
| C108978b | NDDH0601, 580, North Pit | dolomite + quartz-chlorite | H4 | 21/2/2006 | 350664 | 5408298 | 1 |
| C108979 | NDDH0601, 580.6, North Pit | dolomite-mafic quartz sandstone | H4 | 21/2/2006 | 350664 | 5408298 | 1 |
| C108980 | NDDH0601, 583.7, North Pit | quartz-chlorite-dolomite | H5 | 21/2/2006 | 350666 | 5408298 | 1 |
| C108981 | NDDH0601, 590, North Pit | quartz-chlorite breccia | Ybq | 21/2/2006 | 350670 | 5408299 | 1 |
| C108982 | NDDH0601, 601.1, North Pit | qtz-cal-ab-chlorite metamafic sandstone | EWc | 21/2/2006 | 350677 | 5408301 | 1 |
| C109066a | Pipeline track | chlorite-quartzite | AC | 1/3/2007 | 351020 | 5406111 | 20 |
| C109066b | Pipeline track | chlorite-quartz meta-arenite | AC | 1/3/2007 | 351020 | 5406111 | 20 |

| Reg. No. | Location | Sample description | Unit | Date | mE | mN | Acc. (m) |
|----------|-------------------------------------|--|------|----------|--------|---------|----------|
| C109067 | Pipeline track | chlorite-quartz schist | AC | 1/3/2007 | 350686 | 5406417 | 20 |
| C109068 | Main haul road | amphibole-metadolerite | ID | 1/3/2007 | 350428 | 5405841 | 20 |
| C109069 | Crusher corner | dolomite-magnetite | H6 | 1/3/2007 | 350137 | 5406624 | 20 |
| C109070 | Crusher corner | albite-amphibole metamafic-arenite | H7 | 1/3/2007 | 350125 | 5406654 | 20 |
| C109071 | Crusher corner | talc + magnetite ore | H2 | 1/3/2007 | 350118 | 5406644 | 20 |
| C109072a | Centre pit south | magnetite-amphibole ore | H2 | 1/3/2007 | 349665 | 5405379 | 20 |
| C109072b | Centre pit south | metadolerite | ID | 1/3/2007 | 349665 | 5405379 | 20 |
| C109073 | Centre pit south | magnetite ore + chlorite-talc-amphibole | H2 | 1/3/2007 | 349635 | 5405334 | 20 |
| C109074 | Centre pit south | metadolerite | ID | 1/3/2007 | 349626 | 5405318 | 20 |
| C109075 | Centre pit south | mafic breccia + pyrite | Yb | 1/3/2007 | 349606 | 5405285 | 20 |
| C109076 | Centre pit south | magnetite ore + pyrite | H2 | 1/3/2007 | 349593 | 5405271 | 20 |
| C109077 | Centre pit south | quartz-albitite | W1 | 1/3/2007 | 349449 | 5405169 | 20 |
| C109078 | Centre pit south | banded aplite, folded | W1 | 1/3/2007 | 349424 | 5405110 | 20 |
| C109079 | Savage River gorge | magnetite-chlorite breccia | Y | 1/3/2007 | 350200 | 5406475 | 20 |
| C109080 | Savage River gorge | metamafic sandstone + biotite | EW | 2/3/2007 | 350339 | 5406588 | 20 |
| C109081 | Savage River gorge | metamafic sandstone | EW | 2/3/2007 | 350329 | 5406705 | 20 |
| C109082 | Savage River gorge | quartz-epidote-amphibole metamafic tuff | EW | 2/3/2007 | 350541 | 5406776 | 20 |
| C109083 | Savage River gorge | chlorite-amphibole-albite metamafic tuff | AC | 2/3/2007 | 350802 | 5406778 | 20 |
| C109084 | Savage River gorge | metadolerite (epidote-amphibole) | ID | 2/3/2007 | 350030 | 5406259 | 20 |
| C109085 | Savage River gorge | metadolerite, fine grained, cuts above | ID | 2/3/2007 | 350017 | 5406250 | 20 |
| C109086 | Savage River gorge | metadolerite, medium grained | ID | 2/3/2007 | 349873 | 5406187 | 20 |
| C109087 | Savage River gorge | pyrite vein-cuts magnetite, ~150 mm | H2 | 2/3/2007 | 349875 | 5406195 | 20 |
| C109088 | Savage River gorge | magnetite-pyrite ore | H2 | 2/3/2007 | 349877 | 5406184 | 20 |
| C109089 | Savage River gorge | metadolerite + pyrite, coarse grained | W5 | 2/3/2007 | 349801 | 5406200 | 20 |
| C109090 | Savage River gorge | metamafic tuff? | H7 | 2/3/2007 | 349806 | 5406203 | 20 |
| C109091 | Savage River gorge | chl-albite-amphibole metamafic sandstone | AG | 2/3/2007 | 349415 | 5406276 | 20 |
| C109092 | Savage River gorge | chlorite-quartz-muscovite slate | AG | 2/3/2007 | 349375 | 5406118 | 20 |
| C109093 | Savage River gorge | chlorite-quartz-muscovite-albite phyllite | AG | 2/3/2007 | 349365 | 5406224 | 20 |
| C109094 | Upper south lens (road cut) | magnetite + dolomite-vein | Yb | 3/3/2007 | 350142 | 5406618 | 20 |
| C109095 | Upper south lens (road cut) | talc schist in magnesite | H4 | 3/3/2007 | 350138 | 5406624 | 20 |
| C109096 | Upper south lens (road cut) | talco-dolomite + vein | H6 | 3/3/2007 | 350135 | 5406627 | 20 |
| C109097 | Upper south lens (road cut) | talco-CO ₃ -contact | H5 | 3/3/2007 | 350133 | 5406624 | 20 |
| C109098 | Upper south lens | metamafic tuff | H7 | 3/3/2007 | 350133 | 5406624 | 20 |
| C109099 | Upper south lens (road cut) | breccia near mafic contact | Yb | 3/3/2007 | 350133 | 5406624 | 20 |
| C109100 | Upper south lens | metamafic sandstone | H7 | 3/3/2007 | 350133 | 5406624 | 20 |
| C109101 | Upper south lens | talco-magnesite-dolomite | H5 | 3/3/2007 | 350131 | 5406631 | 20 |
| C109102 | Upper south lens | metamafic tuff chl-albite-epidote-amphibole | H7 | 3/3/2007 | 350066 | 5406664 | 20 |
| C109103 | Upper south lens (road cut) | metadolerite boudin, massive | ID | 3/3/2007 | 350105 | 5406655 | 20 |
| C109104 | Upper south lens | chl-amphibole-apatite-pyrite-tourmaline zone | Yb | 3/3/2007 | 350095 | 5406654 | 20 |
| C109105 | Upper south lens (road cut) | magnetite-talc ore - contact | H2 | 3/3/2007 | 350077 | 5406647 | 20 |
| C109106 | Upper south lens (road cut) | magnetite-actinolite ore (low grade) | H2 | 3/3/2007 | 350063 | 5406650 | 20 |
| C109107a | Upper south lens (road cut) | chlorite-albite metamafic tuff | H7 | 3/3/2007 | 350043 | 5406661 | 20 |
| C109107b | Upper south lens (road cut) | metamafic tuff + albite-epidote-amphibole-chl | H7 | 3/3/2007 | 350043 | 5406661 | 20 |
| C109108a | Fulfords | muscovite-sandstone + quartz v + limonite | D | 3/3/2007 | 350917 | 5409444 | 20 |
| C109108b | Fulfords | limonite-quartz breccia | Ybq | 3/3/2007 | 350917 | 5409444 | 20 |
| C109108c | Fulfords | siliceous gossan | D | 3/3/2007 | 350917 | 5409444 | 20 |
| C109109 | North Pit, upper northwest | quartz-schist | MR | 3/3/2007 | 350273 | 5408020 | 20 |
| C109110 | North Pit, upper northwest | chlorite-quartz albitite | MR | 4/3/2007 | 350273 | 5408020 | 20 |
| C109111 | North Pit, upper northwest | chlorite-quartz albitite | MR | 4/3/2007 | 350324 | 5408062 | 20 |
| C109112 | North Pit, upper northwest | banded chlorite-CO ₄ | W4 | 4/3/2007 | 350333 | 5408066 | 20 |
| C109113 | North Pit, upper northwest | banded chlorite-CO ₃ + chalcopyrite | H4 | 4/3/2007 | 350333 | 5408066 | 20 |
| C109114 | North Pit, upper northwest | chlorite-dolomite | H5 | 4/3/2007 | 350333 | 5408066 | 20 |
| C109115 | North Pit, upper northwest | quartz-albite-dolomite breccia | Ybq | 4/3/2007 | 350373 | 5408102 | 20 |
| C109116 | North Pit, upper northwest | dolomite breccia | H5 | 4/3/2007 | 350387 | 5408102 | 20 |
| C109117 | North Pit, upper northwest | chlorite-albite-CO ₃ mylonite | Y | 4/3/2007 | 350386 | 5408111 | 20 |
| C109118a | North Pit, upper northwest | pyrite-dolomite breccia | H2p | 4/3/2007 | 350386 | 5408113 | 20 |
| C109118b | North Pit, upper northwest | pyrite-dolomite breccia | H2p | 4/3/2007 | 350386 | 5408113 | 20 |
| C109119 | South Pit | albite-amphibole metamafic tuff | W3 | 4/3/2007 | 347945 | 5402826 | 20 |
| C109120 | South Pit, south wall, west | albitite | W1 | 4/3/2007 | 347940 | 5402827 | 20 |
| C109121 | South Pit, lower west wall | dolomite-albitite | W1 | 4/3/2007 | 347969 | 5402960 | 20 |
| C109122a | South Pit, lower west wall | albitite | W1 | 4/3/2007 | 348009 | 5403030 | 20 |
| C109122b | South Pit, lower west wall | chlorite-albitite | W1 | 4/3/2007 | 348009 | 5403030 | 20 |
| C109123 | South Pit, lower west wall | amphibole-chert | W4 | 4/3/2007 | 348045 | 5403056 | 20 |
| C109124a | South Pit, lower W wall, west of fz | pyrite ore-albite-amphibole | H2p | 4/3/2007 | 348180 | 5403130 | 20 |
| C109124b | South Pit, lower W wall, west of fz | metamafic tuff-chlorite-amphibole-biotite | H7 | 4/3/2007 | 348180 | 5403130 | 20 |
| C109125 | South Pit, lower W wall, east of fz | magnetite ore | H2 | 4/3/2007 | 348180 | 5403130 | 20 |

| Reg. No. | Location | Sample description | Unit | Date | mE | mN | Acc. (m) |
|----------|--|--|------|----------|--------|---------|----------|
| C109126 | South Pit, lower west wall, dyke? | albitite | W1 | 4/3/2007 | 347951 | 5402900 | 20 |
| C109127 | South Pit, lower west wall, dyke? | chlorite-albitite | W3 | 4/3/2007 | 347951 | 5402900 | 20 |
| C109128a | North pit, bottom, float | dolomite-chalcopyrite-vein | Vn | 5/3/2007 | 350638 | 5407929 | 20 |
| C109128b | North pit, bottom, float | pyrite-vein | Vz | 5/3/2007 | 350638 | 5407929 | 20 |
| C109129 | North pit, bottom | magnetite-amphibole-serpentine breccia | H2 | 5/3/2007 | 350558 | 5407986 | 20 |
| C109130 | North pit, bottom | magnetite-amphibole-serpentine breccia | H2 | 5/3/2007 | 350556 | 5407972 | 20 |
| C109131a | North pit, bottom, boudin | amphibolite | H1 | 5/3/2007 | 350553 | 5407986 | 20 |
| C109131b | North pit, bottom, boudin, banded (contact) | pyroxenite/amphibolite | H1 | 5/3/2007 | 350553 | 5407986 | 20 |
| C109132 | North pit, bottom | metamafic tuff-epidote-amphibole-albite | H7 | 5/3/2007 | 350530 | 5408019 | 20 |
| C109133 | North pit, bottom | magnetite ore | H2 | 5/3/2007 | 350528 | 5408021 | 20 |
| C109134 | North pit, bottom, west wall | metamafic tuff-chlorite-albite | H7 | 5/3/2007 | 350335 | 5407617 | 20 |
| C109135 | North pit, bottom | amphibole-albitite | W1 | 5/3/2007 | 350333 | 5407586 | 20 |
| C109136 | South Pit, south wall, west | dolomite-albite vein | Vn | 5/3/2007 | 347950 | 5402824 | 20 |
| C109137 | South Pit, south wall, west | amphibole-mylonite | H1 | 5/3/2007 | 347957 | 5402819 | 20 |
| C109138a | South Pit, south wall, west | amphibole-mylonite | H1 | 5/3/2007 | 347977 | 5402811 | 20 |
| C109138b | South Pit, south wall, west | magnetite-albite | H2p | 5/3/2007 | 347977 | 5402811 | 20 |
| C109138c | South Pit, south wall, west | talc + pyrite | H2 | 5/3/2007 | 347977 | 5402811 | 20 |
| C109139 | South Pit | albite-amphibole brx | Y | 5/3/2007 | 348061 | 5403159 | 20 |
| C109140a | South Pit, south wall, east | chlorite-dolomite | H4 | 5/3/2007 | 348256 | 5402885 | 20 |
| C109140b | South Pit, south wall, east | dolomite | H5 | 5/3/2007 | 348256 | 5402885 | 20 |
| C109140c | South Pit, south wall, east | carbonaceous-dolomite | H5 | 5/3/2007 | 348256 | 5402885 | 20 |
| C109141 | Trench, Fulfords grid | chlorite schist | AC | 6/3/2007 | 350813 | 5408790 | 20 |
| C109142 | Trench, Fulfords grid | chlorite-quartz schist | AC | 6/3/2007 | 350794 | 5408791 | 20 |
| C109143 | Trench, Fulfords grid | chlorite schist | AC | 6/3/2007 | 350808 | 5408791 | 20 |
| C109144 | North pit, west, boxcut | dolomite chl-albite-muscovite metamafic tuff | MRU | 6/3/2007 | 350225 | 5407596 | 20 |
| C109145 | North pit, west, boxcut | dol chl schist, boudinaged + quartz-dol vein | H4 | 6/3/2007 | 350225 | 5407596 | 20 |
| C109146a | North pit, west, boxcut | dolomite-quartz-albitite | MR | 6/3/2007 | 350239 | 5407565 | 20 |
| C109146b | North pit, west, boxcut | dolomite-quartz-albitite | MR | 6/3/2007 | 350239 | 5407565 | 20 |
| C109146c | North pit, west, boxcut | quartz-albitite | MR | 6/3/2007 | 350239 | 5407565 | 20 |
| C109147 | North pit, west, boxcut | chlorite-albitite | W1 | 6/3/2007 | 350279 | 5407526 | 20 |
| C109148 | North pit, west, boxcut | chlorite-albitite | W1 | 6/3/2007 | 350277 | 5407480 | 20 |
| C109149 | North pit, west, boxcut | amphibole-albitite | W1 | 6/3/2007 | 350215 | 5406971 | 20 |
| C109150a | Crusher corner road cut — 2 m magnesite lens | mafic sandstone | H7 | 6/3/2007 | 350326 | 5406528 | 20 |
| C109150b | Crusher corner road cut — 2 m magnesite lens | magnesite, cream, granular | H6 | 6/3/2007 | 350329 | 5406528 | 20 |
| C109151 | Main haul road | chlorite-quartz-albite breccia | Ybq | 6/3/2007 | 350278 | 5406413 | 20 |
| C109152a | Lower south lens | laminated talc-dol-magnetite + pyrite ore | H2 | 6/3/2007 | 350101 | 5406587 | 20 |
| C109152b | Lower south lens | talc-magnetite + pyrite ore | H2p | 6/3/2007 | 350101 | 5406587 | 20 |
| C109153 | Lower south lens | chlorite-amphibole-biotite albitite | H7 | 6/3/2007 | 350102 | 5406587 | 20 |
| C109154 | Lower south lens | talc-dolomite | H5 | 6/3/2007 | 350104 | 5406587 | 20 |
| C109155 | Lower south lens | dolomite/ magnesite breccia | H6 | 6/3/2007 | 350116 | 5406572 | 20 |
| C109156 | Lower south lens | quartz-talc mylonite | Y | 6/3/2007 | 350116 | 5406572 | 20 |
| C109157a | Western river crossing, SRM | magnetite ore | H2 | 6/3/2007 | 349790 | 5406207 | 20 |
| C109157b | Western river crossing, SRM | pyrite ore-albite-amphibole | H2 | 6/3/2007 | 349790 | 5406207 | 20 |
| C109157c | Western river crossing, SRM | pyrite-magnetite ore + dolomite, talc, apatite | H2ap | 6/3/2007 | 349790 | 5406207 | 20 |
| C109158 | Western river crossing, SRM | serpentine | H3 | 6/3/2007 | 349785 | 5406207 | 20 |
| C109159a | Western river crossing, SRM | calcite-dol + coarse grained magnetite, pyrite | H2p | 6/3/2007 | 349780 | 5406207 | 20 |
| C109159b | Western river crossing, SRM | calcite-dol + coarse grained magnetite | H2 | 6/3/2007 | 349780 | 5406207 | 20 |
| C109160 | Western river crossing, SRM | albite-metamafic tuff? | Y | 6/3/2007 | 349780 | 5406207 | 20 |
| C109161 | Western river crossing, SRM | albitite | W1 | 6/3/2007 | 349770 | 5406202 | 20 |
| C109162 | West river crossing — ore contact | amphibole-albitite | W1 | 6/3/2007 | 349769 | 5406198 | 20 |
| C109163 | Long Plains DDH, 44.95 | magnetite-pyrite ore | H2 | 6/3/2007 | 350554 | 5397000 | 20 |
| C109164 | Long Plains DDH, 54.3 | magnetite-pyrite ore | H2 | 6/3/2007 | 350559 | 5397000 | 20 |
| C109165 | Long Plains DDH, 89.3 | epidote-amphibole-albite metamafic tuff | H7 | 6/3/2007 | 350577 | 5397000 | 20 |
| C109166 | Long Plains DDH, 93.7 | chlorite-amphibole-albite metamafic tuff | H7 | 6/3/2007 | 350579 | 5397000 | 20 |
| C109167 | Long Plains DDH, 154 | quartz-dolomite sandstone | H6 | 6/3/2007 | 350610 | 5397000 | 20 |
| C109168 | Long Plains DDH, 155.8 | magnesite | H6 | 6/3/2007 | 350611 | 5397000 | 20 |
| C109169 | Mine road | quartz-muscovite schist | OO | 7/3/2007 | 350531 | 5404449 | 20 |
| C109170 | Western river crossing, SRM | CO ₃ vein | Vn | 6/3/2007 | 349773 | 5406196 | 20 |
| C109171 | Western river crossing, SRM | CO ₃ boudin | Vn | 6/3/2007 | 349770 | 5406195 | 20 |
| G403201 | North pit, upper northwest berm | hematite veins | Vz | 24/8/05 | 350450 | 5408250 | 100 |
| G403202 | North pit, upper northwest berm | dolomite-magnesite | H6 | 24/8/05 | 350450 | 5408250 | 100 |
| G403203 | North pit, upper northwest berm | quartz-dolomite | H5 | 24/8/05 | 350450 | 5408250 | 100 |
| G403204 | North pit, upper northwest berm | chlorite-dolomite | H5 | 24/8/05 | 350450 | 5408250 | 100 |
| G403205 | North pit, upper northwest berm | calcite-talc vein | Vn | 24/8/05 | 350450 | 5408250 | 100 |

SAMPLE DESCRIPTION ABBREVIATIONS USED IN APPENDICES

| | | | | | |
|--------------------|----------------------------------|-----------------|--------------|------|-----------------------------------|
| ab | albite | abtt | albitite | act | actinolite |
| altd | altered | am | amphibole | amyg | amygdular |
| ap | apatite | asb | asbestos | bas | basalt |
| bn | brown | bndd | banded | brec | brecciated |
| brg | bearing | brx | breccia | bt | biotite |
| cal | calcite | carb | carbonaceous | cgd | coarse grained |
| chl | chlorite | CO ₃ | carbonate | col | coloured |
| con | concentrates | cong | conglomerate | cpx | clinopyroxene |
| cpy | chalcopyrite | cren | crenulated | Cu | cuprian |
| Dev | Devonian | dol | dolomite | ep | epidote |
| fgnd | fine grained | fsp | feldspar | fz | fault zone |
| gran | granular | hbd | hornblende | hem | hematite |
| hfld | hornfelsed | kaol | kaolinite | kf | K-feldspar |
| lam | laminated | lim | limonite | lx | leucoxene |
| mag | magnetic | mass | massive | mgd | medium grained |
| mgs | magnesite | ms | muscovite | mt | magnetite |
| myl | mylonitic | nonmag | nonmagnetic | pl | plagioclase |
| po | pyrrhotite | porph | porphyry/tic | px | pyroxene |
| py | pyrite | qtz | quartz | qtzt | quartzite |
| rhc | rhodochrosite | ser | sericitic | sid | siderite |
| sifd | silicified | silic | siliceous | sist | siltstone |
| srp | serpentinite | sst | sandstone | tlc | talc |
| trem | tremolite | tur | tourmaline | v | vein |
| var | variable | vugg | vuggy | yell | yellow |
| Au | Au/Ag analyses | | δC | | carbon isotopes |
| δO-CO ₃ | sulphur isotopes – carbonate | | δO-Mt | | oxygen isotopes – magnetite |
| δO-WR | sulphur isotopes – whole rock | | δS | | sulphur isotopes |
| MS | magnetic susceptibility readings | | PTS | | polished thin section petrography |
| XRFM | XRF majors | | XRFT | | XRF traces |
| XRD | XRD | | PTS | | polished thin section |
| FI | fluid inclusion | | REE | | rare earth analyses |

SRM – Savage River mine

Co-ordinate datum – AGD66 AMG Zone 55

See Table 1 for description of units

Appendix 2

Sample processing summary

| Reg. no. | Unit | ABM | XRFM | XRFT | XRD | PTS | FI | S | C | O-Mt | O-CO ₃ | O-WR | Au | REE | Con | MS | Lab No. |
|----------|------|-----------|------|------|-----|-----|----|---|---|------|-------------------|------|----|-----|-----|----|----------|
| C108824 | MR | VQ | | | 1 | | | | | | | | | | | | |
| C108825 | H5 | SLM | xx | | 1 | 1 | | | | | | | | | | | |
| C108826 | Y | YXH-qz-do | 1 | | 1 | 1 | | | | | | | | | | | 20060095 |
| C108827a | H6 | SML | xx | | 1 | 1 | | | 1 | | | | | | | | |
| C108827b | H5 | SLM | | | | | | | | | | | | | | | |
| C108827c | H5 | SLM | | | | | | | | | | | | | | | |
| C108828 | Va | V | | | | | 1 | | | | | | | | | | |
| C108829 | Vz | V | | | 1 | | 1 | 1 | 1 | | | | | | | | |
| C108830 | H2 | ZMS | 1 | | 1 | 1 | | | | | | | | | | | 20060096 |
| C108831 | H2 | ZMS | 1 | | | 1 | | | | | | | | | | | 20060097 |
| C108832 | EW | MXH-qz-ab | 1 | | | 1 | | | | | | 1 | | | | | 20060098 |
| C108833 | EW | | 1 | | | ? | | | | | | | | | | | 20060099 |
| C108834 | W3 | MXH-qz | 1 | | | 1 | | | | | | | | xx | | | 20060100 |
| C108835 | H6 | SML | | | | | | | | | | | | | | | |
| C108836 | H5 | SL | | | 1 | 1 | | | | | | | | | | | |
| C108837 | H7 | MXO | | | | | | | | | | | | | | | |
| C108838 | W1 | FRF | 1 | | 1 | 1 | | | | | | | | | | | 20060101 |
| C108839 | H7 | MXA-ab | 1 | | | 1 | | | | | | 1 | | | | | 20060102 |
| C108840 | Va | V | | | | | | | | | | | | | | | |
| C108841 | H2 | ZMT | | | | 1 | | | | | | | | | | | |
| C108842 | EW | MXH-ab | 1 | | 1 | 1 | | | | | | | | | | | 20060103 |
| C108843 | H2 | ZMP | xx | | | 1 | | | | | | | | | | | |
| C108844 | W1 | | xx | | 1 | 1 | | | | | | 1? | | | | | |
| C108845a | W5 | OR-px-am | 1 | | 1 | 1 | | | | | | | | | | | 20060104 |
| C108845b | H1 | OR-px-am | 1 | | 1 | 1 | | | | | | | | | | | 20060104 |
| C108846 | W1 | FRF | xx | | | 1 | | | | | | | | | | | |
| C108847 | Vz | V | xx | | | 1 | | | | | | | | | | | |
| C108848a | Y | SLT | 1 | | | | | | | | | | | xx | | | 20060105 |
| C108848b | W1 | FRF-am | 1 | | | | | | | | | | | xx | | | 20060105 |
| C108849 | ID | MDF | 1 | | | 1 | | | | | | | | xx | | | 20060106 |
| C108850 | W1 | FRF | xx | | | 1 | | | | | | | | | | | |
| C108851 | Vz | V | | 1 | 1 | 1 | 1 | | 1 | | | | 1 | | | | 20060190 |
| C108852 | Vz | V | | | 1 | 1 | | 1 | 1 | | | | | | | | |
| C108853 | Vz | V | 1 | | 1 | 1 | | | | | | | | | | | 20060107 |
| C108854 | Vz | V | | | 1 | | | | | | | | | | | | |
| C108855 | Vn | VC | | | 1 | | 1 | | | | | | | | | | |
| C108856 | W2 | FRF-qtz | 1 | | 1 | 1 | | | 1 | | | 1 | | xx | | | 20060108 |
| C108857 | W2 | FRF | 1 | | | 1 | | | | | | | | | | | 20060109 |
| C108858 | W3 | ORA-ab | 1 | | | 1 | | | | | | 1 | | | | | 20060110 |
| C108859 | W1 | FRF-ch | xx | | | 1 | | | | | | | | | | | |
| C108860 | W2 | FRF-ch | xx | | | 1 | | | | | | | | | | | |
| C108861 | W2 | FRF | 1 | | 1 | 1 | | | | | | | | xx | | | 20060111 |
| C108862 | Vn | V | | 1 | | | 1 | | | | | | 1 | | | | 20060191 |
| C108863 | Vn | V | xx | 1 | | 1 | | 1 | | | | | 1 | | | | 20060192 |

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| C108864 | W5 | ORA-qz | xx | | | 1 | | | | | | | | | | | |
| C108865 | Vz | V | | | 1 | | | | | | | | | | | | |
| C108866 | W1 | V | | | 1 | 1 | | | | | | | | | | | |
| C108867 | H4 | OYT | 1 | | 1 | 1 | | | | | | | | | | | 20060123 |
| C108868 | H1 | URA | 1 | | 1 | 1 | | | | | | | | | | | 20060124 |
| C108869 | H2p | ZSN | 1 | | | 1 | | | | | | | | | | | 20060125 |
| C108870 | H7 | MXB-ab-ep | 1 | | | 1 | | | | | | | | | | | 20060126 |
| C108871 | H2 | ZAP | 1 | | | 1 | 1 | | | | | | | | | | 20060127 |
| C108872a | H2p | ZMP | xx | | 1 | 1 | | 1 | | | | | | | | | |
| C108872b | H2p | ZMP | | | | | | | | | | | | | | | |
| C108873 | Va | V | | | 1 | | | | | | | | | | | | |
| C108874a | Y | Y | xx | | 1 | 1 | | | | | | | | | | | |
| C108874b | Y | Y | | | | | | | | | | | | | | | |
| C108875 | H5 | SLQ | 1 | | 1 | 1 | | | | | | | | | | | 20060128 |
| C108876 | EWC | MXK-ab-cc | 1 | | 1 | 1 | | | | | | | | | | | 20060129 |
| C108877 | H2p | ZMP | 1 | | | 1 | | 1 | | | | | | | | | 20060130 |
| C108878 | ID | MDF | 1 | | | ? | | | | | | | | | | | 20060131 |
| C108879 | EW | MXK-am-ab | 1 | | 1 | 1 | | | | | | | | xx | | | 20060132 |
| C108880 | H2 | ZAP | xx | | | 1 | | | | | | | | | | | |
| C108881 | H6 | SML | 1 | | 1 | 1 | | | 1 | | | | | | | | 20060133 |
| C108882 | H3 | URS | 1 | | 1 | 1 | | | | | | 1 | | | | | 20060134 |
| C108883 | H5 | SLM | | | 1 | 1 | | | | | | | | | | | |
| C108884 | H7 | MXH-ab-qz | 1 | | 1 | 1 | | | | | | 1 | | xx | | | 20060135 |
| C108885 | MR | SQF | 1 | | 1 | 1 | | | | | | 1 | | | | | 20060136 |
| C108886 | W4 | SQF | 1 | | 1 | 1 | | | | | | | | | | | 20060137 |
| C108887 | W3 | ORFam-ep | 1 | | | 1 | | | | | | 1 | | | | | 20060138 |
| C108888 | W4 | | xx | 1 | | | | | | | | | 1 | | | | 20060193 |
| C108889 | MRU | MXH-ab | xx | 1 | | 1 | | | | | | | 1 | | | | 20060194 |
| C108890 | MRU | MXH-ab-qz | 1 | | | 1 | | | | | | | | | | | 20060139 |
| C108891 | W5 | ORA-qz | 1 | | 1 | 1 | | | | | | | | xx | | | 20060140 |
| C108892 | W3 | ORB-ab | 1 | | 1 | 1 | | | | | | | | | | | 20060141 |
| C108893 | W5 | ORA-qz | xx | | | 1 | | | | | | | | | | | |
| C108894 | W1 | FRF | 1 | 1 | 1 | 1 | | | | | | | 1 | | | | 20060142 |
| C108895 | W1 | FRF | 1 | 1 | | 1 | | | | | | | 1 | | | | 20060143 |
| C108896 | MRU | MXH-ab | 1 | | | 1 | | | | | | 1 | | | | | 20060144 |
| C108897 | H2p | ZSP | xx | 1 | 1 | 1 | | | | | | | 1 | xx | | | 20060195 |
| C108898 | W1 | FRF | 1 | | 1 | 1 | | | | | | | | | | | 20060145 |
| C108899 | W2 | FRF | 1 | | | 1 | | | | | | 1 | | | | | 20060146 |
| C108900 | W2 | FRF | | | 1 | | | | | | | | | | | | |
| C108901 | W4 | SQ-tm | | 1 | 1 | 1 | | | | | | 1 | 1 | | | | 20060196 |
| C108902 | W4 | | xx | 1 | | | | | | | | | 1 | | | | 20060197 |
| C108903 | Dev | V | | 1 | | | | | | | | | 1 | | | | 20060198 |
| C108904 | Dev | V | | 1 | | | | | | | | | 1 | | | | 20060199 |
| C108905 | Dev | V | | 1 | | | | | | | | | 1 | | | | 20060200 |
| C108906 | H2 | ZAS | 1 | | | 1 | 1 | | | | | | | | | | 20060147 |
| C108907 | H2 | ZMS | ? | | | 1 | | | | | | | | | | | |
| C108908 | H2ap | ZSS | 1 | | | 1 | | | | | | | | | | | 20060148 |
| C108909 | H2 | ZMN | xx | 1 | 1 | 1 | | 1 | | | | | 1 | | | | 20060201 |
| C108910 | H2p | ZAN | 1 | | | 1 | | 1 | | | | | 1 | | | | 20060149 |
| C108911 | H2 | ZSS | 1 | | 1 | 1 | | | | | | | | | | | 20060150 |

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| C108912 | Vq | VQ | | | | | 1 | | | | | | | | | | |
| C108913 | MR | FRF-qz | x | | 1 | 1 | | | | | | | | | | | |
| C108914 | MR | V | | | | 1 | | | | | | | | | | | |
| C108915 | MR | FRF-qz | | | | 1 | | | | | | | | | | | |
| C108916 | W4 | SQ | | | 1 | 1 | | | | | | | | | | | |
| C108917 | MR | SQF | | | | | | | | | | | | | | | |
| C108918 | MR | FRF-qz | 1 | | 1 | 1 | | | | | | | | | | | 20060160 |
| C108919 | W4 | SQF | | | | | 1 | | | | | | | | | | |
| C108920 | MR | OQF | | | | 1 | | | | | | | | | | | |
| C108921 | W1 | FRF-ch | | | | 1 | | | | | | | | | | | |
| C108922 | Vq | VQ | | | | | | | | | | | | | | | |
| C108923 | W1 | FRF | | | | | | | | | | | | | | | |
| C108924 | Ybq | OQ | 1 | | 1 | 1 | | | | | | | 1 | | | | 20060161 |
| C108925 | W4 | SQC | 1 | | 1 | 1 | | | | | | | | | | | 20060162 |
| C108926 | MR | SQF | 1 | | 1 | 1 | | | | | | | 1 | | | | 20060163 |
| C108927 | Ybq | SQF-do | | | 1 | 1 | 1 | | | | | | | | | | |
| C108928 | MR | SQF-ch | 1 | | | 1 | | | | | | | | | | | 20060164 |
| C108929 | Ybq | | 1 | | | 1 | | 1 | | | | | 1 | | | | 20060165 |
| C108930 | MR | SQF | 1 | | | 1 | | | | | | | 1 | xx | | | 20060166 |
| C108931 | MR | OQF-do | 1 | | 1 | 1 | | | | | | | | | | | 20060167 |
| C108932 | Y | | 1 | | 1 | 1 | | | | | | | | | | | 20060168 |
| C108933 | Y | | 1 | | | 1 | | | | | | | | | | | 20060169 |
| C108934 | H2p | ZMT | x | | | | xx | | | | | | 1 | | | | 20060202 |
| C108935 | Y | OYT | | | 1 | 1 | xx | | | | | | | | | | 20060170 |
| C108936 | H2 | ZSA | 1 | | | 1 | | | | | | 1? | 1 | | | | 20060171 |
| C108937 | Y | OYB | | | | | | | | | | | | | | | |
| C108938 | H7 | MXB-ep | 1 | | | 1 | | | | | | | | | | | 20060172 |
| C108939 | Vz | V | | | | | | | | | | | | | | | |
| C108940 | H7 | MXA-ab-ep | ? | | | 1 | | | | | | | | | | | |
| C108941 | H7 | MXF | 1 | | | 1 | | | | 1? | | | | | | | 20060173 |
| C108942 | H7 | MXF | 1 | | | 1 | | | | | | | 1 | | | | 20060174 |
| C108943 | ID | MDF | | | | 1 | | | | | | | | | | | |
| C108944 | H2ap | ZMA | 1 | | | 1 | | | | | | | 1 | | | | 20060175 |
| C108945 | Y | OYT | | | 1 | 1 | | | | | | | | | | | 20060176 |
| C108946 | Yb | MDF | 1 | | | 1 | | | | | | | | | | | 20060177 |
| C108947 | H7 | MXB-ab | 1 | | | 1 | | | | | | 1 | 1 | | | | 20060178 |
| C108948 | Y | | | | | | | | | | | | | | | | |
| C108949 | H3d | URS | 1 | | 1 | 1 | | | | | | | | | | | 20060179 |
| C108950a | H3d | URS | 1 | | | 1 | | | | | | | | | | | 20060180 |
| C108950b | H3d | URS | 1 | | | | | | | | | | | | | | 20060203 |
| C108951 | Vn | VL | 1 | | 1 | | | | 1 | | | | 1 | | | | 20060204 |
| C108952 | H3d | SLS | | | | 1 | | | | | | | | | | | |
| C108953 | Y | MXB-tc | | | 1 | 1 | | | | | | | | | | | |
| C108954 | H3d | URS | | | 1 | 1 | | | | | | | | | | | |
| C108955 | H5 | SLT | xx | | 1 | 1 | | | | | | | | | | | |
| C108956 | H4 | SLT | 1 | | 1 | 1 | | | 1 | | | | | | | | 20060205 |
| C108957 | H7 | MXH-ab-qz | 1 | | 1 | 1 | | | | | | | | | | | 20060206 |
| C108958a | H4 | SLQ | xx | | 1 | 1 | | | | | | | | | | | |
| C108958b | Y | URT | | | | | | | | | | | | | | | |
| C108959 | W4 | SQ-cb | xx | | | 1 | | | | | | | | | | | |

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| C108960 | W4 | SQ | 1 | | | 1 | 1 | | | | | | 1 | xx | | | 20060207 |
| C108961 | H7 | MXF | | | | 1 | | | | | | | | | | | |
| C108962 | H7 | MXF | | | | 1 | | | | | | | | | | | |
| C108963 | Yb | MXA-ep | 1 | | | 1 | | | | | | | | | | | 20060208 |
| C108964 | Y | OYA | xx | | 1 | 1 | | | | | | | | | | | |
| C108965 | H2 | ZMA | 1 | | | 1 | | | | | | | | | | | 20060209 |
| C108966 | H2 | ZMN | 1 | | 1 | 1 | | | | | | | | | | | 20060210 |
| C108967 | H2 | ZAP | 1 | | | 1 | | | | | | | | | | | 20060211 |
| C108968 | H2 | ZAS | 1 | | | 1 | | 1 | | | | | 1 | | | | 20060212 |
| C108969 | H3 | URS | 1 | | | 1 | | | | | | | | | | | 20060213 |
| C108970 | H1 | URA | | | | 1 | | | | | | | | | | | |
| C108971 | H2 | ZSA | 1 | | 1 | 1 | | | | | | | | | | | 20060214 |
| C108972 | Y | OYA | xx | | 1 | 1 | | | | | | | | | | | |
| C108973 | Y | MXB-ab | | | | 1 | | | | | | | | | | | |
| C108974 | H7 | MXB-ab | 1 | | | 1 | | | | | | | | | | | 20060215 |
| C108975 | Ybq | ? | | | | 1 | | | | | | | | | | | |
| C108976 | H4 | SLJ | | | 1 | | | | | | | | | | | | |
| C108977 | Y | OYD-tc | 1 | | 1 | 1 | | | | | | | | | | | 20060216 |
| C108978a | H4 | SLS-qz | 1 | | 1 | 1 | | | 1 | | | | | | | | 20060217 |
| C108978b | H4 | SLQ-mu | | | | | | | | | | | | | | | |
| C108979 | H4 | SLQ | | | 1 | 1 | | | | | | | | | | | |
| C108980 | H5 | SLQ-ch | | | 1 | 1 | | | | | | | | | | | |
| C108981 | Ybq | MXK | | | 1 | 1 | | | | | | | | | | | |
| C108982 | EWC | MXR-ab | 1 | | 1 | 1 | | | | | | 1 | | | | | 20060218 |
| C109066a | AC | MXK | xx | 1 | | 1 | | | | | | xx | | xx | | | |
| C109066b | AC | MXK | xx | 1 | 1 | xx | | | | | | xx | | | | | |
| C109067 | AC | MXK | xx | 1 | | xx | | | | | | | | | | | |
| C109068 | ID | MDA | xx | | | 1 | | | | | | | | | | | |
| C109069 | H6 | SML | xx | | 1 | xx | | | | | | | | | | | |
| C109070 | H7 | MXA | xx | | | xx | | | | | | | | | | | |
| C109071 | H2 | ZST | xx | | | xx | | | | | | | | | | | |
| C109072a | H2 | ZMA | xx | | | xx | | | | | | | | | | | |
| C109072b | ID | MDA | xx | | | xx | | | | | | | | | | | |
| C109073 | H2 | ZSC | xx | | 1 | xx | | | | | | xx | | | | | |
| C109074 | ID | MDA | xx | | | xx | | | | | | | | xx | | | |
| C109075 | Yb | | xx | | | xx | | xx | | | | | xx | | | | |
| C109076 | H2 | ZAS | xx | | | xx | | | | | | | xx | | | | |
| C109077 | W1 | FRF-qz | xx | | 1 | xx | | | | | | | | | | | |
| C109078 | W1 | | xx | | | xx | | | | | | | | | | | |
| C109079 | Y | SM | xx | | | xx | | | | | | | | | | | |
| C109080 | EW | MXB | xx | | 1 | 1 | | | | | | xx | | | | | |
| C109081 | EW | MXC | xx | | 1 | xx | | | | | | xx | | | | | |
| C109082 | EW | MXC | xx | | | 1 | | | | | | | | | | | |
| C109083 | AC | MXK | xx | | 1 | 1 | | | | | | xx | | | | | |
| C109084 | ID | MDA | xx | | | xx | | | | | | | | | | | |
| C109085 | ID | MDA | xx | | | xx | | | | | | | | | | | |
| C109086 | ID | MDA | xx | | | xx | | | | | | | | | | | |
| C109087 | H2 | ZAP | xx | | | xx | | 2 | | | | | xx | | | | |
| C109088 | H2 | ZAP | xx | | | xx | | | | | | | xx | | | | |
| C109089 | W5 | MDE | xx | | | xx | | xx | | | | | | | | | |

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| C109090 | H7 | MXF | xx | | | xx | | | | | | | | | | | |
| C109091 | AG | MXK-ab | xx | | 1 | 1 | | | | | | xx | | xx | | | |
| C109092 | AG | MXK | xx | | 1 | xx | | | | | | xx | | | | | |
| C109093 | AG | MXK | xx | | 1 | xx | | | | | | xx | | | | | |
| C109094 | Yb | | xx | | | xx | | | xx | | xx | | | | | | |
| C109095 | H4 | | xx | | | xx | | | | | | | | | | | |
| C109096 | H6 | SLT | xx | | | xx | | | xx | | xx | | | | | | |
| C109097 | H5 | SLT | xx | | | xx | | | | | | | | | | | |
| C109098 | H7 | MXK-ab | xx | | 1 | xx | | | | | | xx | | | | | |
| C109099 | Yb | MXA | xx | | | xx | | | | | | | | | | | |
| C109100 | H7 | MXA | xx | | 1 | xx | | | | | | | | | | | |
| C109101 | H5 | SLM | xx | | 1 | xx | | | | | | | | | | | |
| C109102 | H7 | MXB-ab | xx | | 1 | xx | | | | | | | | | | | |
| C109103 | ID | MDA | xx | | | xx | | | | | | | | xx | | | |
| C109104 | Yb | V | xx | | 1 | xx | | | | | | | | | | | |
| C109105 | H2 | ZMT | xx | | | xx | | | | | | | xx | | | | |
| C109106 | H2 | ZMA | xx | | | xx | | | | | | | | | | | |
| C109107a | H7 | MXF | xx | | | 2 | | xx | | xx | | | | | | | |
| C109107b | H7 | MXF | | | | | | | | | | | | | | | |
| C109108a | D | V | xx | | | xx | | | | | | | xx | | | | |
| C109108b | Ybq | | | | | 1 | | | | | | | | | | | |
| C109108c | D | V | xx | | | xx | | | | | | | xx | | | | |
| C109109 | MR | SQF-ch | xx | | 1 | xx | | | | | | | | xx | | | |
| C109110 | MR | FRF-ch | xx | | 1 | 1 | | | | | | xx | | | | | |
| C109111 | MR | FRF-ch | xx | | 1 | 1 | | | | | | | | | | | |
| C109112 | W4 | | xx | | | 1 | | | xx | | xx | | | | | | |
| C109113 | H4 | SLC | xx | | | xx | | | | | | | xx | | | | |
| C109114 | H5 | SLC | xx | | | 1 | | | | | | | | | | | |
| C109115 | Ybq | | xx | | 1 | 1 | | | 2 | | 2 | | | | | | |
| C109116 | H5 | SLP | xx | | 1 | 1 | | xx | xx | | xx | | | | | | |
| C109117 | Y | | xx | | | 1 | | | | | | | | | | | |
| C109118a | H2p | ZSN | xx | | | 1 | | xx | xx | | xx | | xx | | | | |
| C109118b | H2p | ZMC | xx | | | 1 | | | | | | | xx | | | | |
| C109119 | W3 | S | xx | | 1 | 1 | | | | | | | | | | | |
| C109120 | W1 | | xx | | | 1 | | | | | | | | | | | |
| C109121 | W1 | | xx | | | 1 | | | | | | | | | | | |
| C109122a | W1 | | xx | | | 1 | | | | | | | | | | | |
| C109122b | W1 | | xx | | | xx | | | | | | | | | | | |
| C109123 | W4 | S | xx | | | 1 | | | | | | | | | | | |
| C109124a | H2p | ZSA | xx | | | 1 | | xx | | | | | xx | | | | |
| C109124b | H7 | MXF | xx | | | 1 | | | | | | | xx | | | | |
| C109125 | H2 | ZAP | xx | | | 1 | | | | xx | | | | | 1 | | |
| C109126 | W1 | | xx | | | 1 | | | | | | | | | | | |
| C109127 | W3 | | xx | | | 1 | | | | | | | | | | | |
| C109128a | Vn | VL | xx | | | xx | | 2 | xx | | xx | | xx | | | | |
| C109128b | Vz | V | xx | | | xx | | 2 | xx | | xx | | xx | | | | |
| C109129 | H2 | ZSA | xx | | 1 | 1 | | | | | | xx | | | | | |
| C109130 | H2 | ZSS | xx | | | 1 | | | | | | | xx | | | | |
| C109131a | H1 | URA | xx | | | 1 | | xx | | | | | | | | | |
| C109131b | H1 | OR-px | xx | | 1 | 1 | | | | | | | | | | | |

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| C109132 | H7 | MXA | xx | | | 1 | | | | | | | | | | | |
| C109133 | H2 | ZAP | xx | | | 1 | | xx | | xx | | | xx | | 1 | | |
| C109134 | H7 | MXF | xx | | | 1 | | xx | | | | | | | | | |
| C109135 | W1 | FRF-am | xx | | 1 | 1 | | | | | | | | | | | |
| C109136 | Vn | VL | xx | | | 1 | | | xx | | xx | | xx | | | | |
| C109137 | H1 | URA | xx | | | 1 | | | | | | | xx | | | | |
| C109138a | H1 | URA | xx | | | 1 | | xx | | | | | xx | | 1 | | |
| C109138b | H2p | ZSF | xx | | | 1 | | xx | | | | | xx | | 1 | | |
| C109138c | H2 | ZMP | xx | | | 1 | | xx | | | | | xx | | 1 | | |
| C109139 | Y | ORA-ab | xx | | 1 | 1 | | | | | | | | | | | |
| C109140A | H4 | SLC | xx | | | 1 | | xx | xx | | | | | | | | |
| C109140B | H5 | SL | xx | | | 1 | | | | | xx | | | | | | |
| C109140C | H5 | SL | xx | | | 1 | | | | | | | xx | | | | |
| C109141 | AC | MXC-ab | xx | | | 1 | | | | | | | | | | | |
| C109142 | AC | MXK | xx | | | 1 | | | | | | | | | | | |
| C109143 | AC | MXK | xx | | | 1 | | | | | | | | | | | |
| C109144 | MRU | OXH | xx | | | 1 | | | xx | | xx | | | | | | |
| C109145 | H4 | SLC | xx | | | uu | | | | | | | | | | | |
| C109146A | MR | FRF-do-qz-mu | xx | | 1 | 1 | | | | | | | | | | | |
| c109146B | MR | FRF-do-qz | xx | | 1 | 1 | | | | | | | | | | | |
| c109146C | MR | FRF-ch-qz | xx | | 1 | 1 | | | | | | | | | | | |
| C109147 | W1 | | xx | | | 1 | | | | | | | | | | | |
| C109148 | W1 | | xx | | | 1 | | xx | xx | | xx | | xx | | | | |
| C109149 | W1 | | xx | | | 1 | | | | | | | | | | | |
| C109150a | H7 | MXA | xx | | | 1 | | | | | | | | | | | |
| C109150b | H6 | ??? | xx | | | uu | | | | | | | | | | | |
| C109151 | Ybq | OXK | xx | | 1 | 1 | | | | | | | | | | | |
| C109152A | H2 | ZMP | xx | | | 1 | | xx | | xx | | | | | 1 | | |
| C109152B | H2p | ZAP | xx | | | 1 | | | | | | | xx | | | | |
| C109153 | H7 | MXF | xx | | | 1 | | | | | | | | | | | |
| C109154 | H5 | SLT | xx | | 1 | 1 | | | | | | | | | | | |
| C109155 | H6 | | xx | | | 1 | | | xx | | xx | | | | | | |
| C109156 | Y | OYT | xx | | 1 | 1 | | | | | | xx | | | | | |
| C109157a | H2 | ZA | xx | | | 1 | | 2 | | xx | | | xx | | 1 | | |
| C109157b | H2 | ZSP | xx | | | 1 | | 2 | | xx | | | xx | | 1 | | |
| C109157c | H2ap | ZST | xx | | 1 | 1 | | 2 | | xx | | | xx | | 1 | | |
| C109158 | H3 | URS | xx | | 1 | 1 | | | | | | | | | | | |
| C109159A | H2p | ZSN | xx | | | 1 | | xx | xx | | xx | | | | | | |
| C109159B | H2 | ZSN | xx | | 1 | 1 | | | | | | | | | | | |
| C109160 | Y | MXC-ab | xx | | 1 | 1 | | | | | | | | | | | |
| C109161 | W1 | | xx | | | 1 | | | | | | | | | | | |
| C109162 | W1 | | xx | | | 1 | | | | | | | | | | | |
| C109163 | H2 | ZAP | xx | | | 1 | | | | | | | xx | | | | |
| C109164 | H2 | ZAP | xx | | | 1 | | xx | | xx | | | xx | | 1 | | |
| C109165 | H7 | MXA | xx | | | 1 | | | | | | | | | | | |
| C109166 | H7 | MXB-ab | xx | | 1 | 1 | | | | | | | | | | | |
| C109167 | H6 | SMO | xx | | 1 | 1 | | | xx | | xx | | | | | | |
| C109168 | H6 | SML | xx | | 1 | 1 | | | | | | | | | | | |
| C109169 | OO | SXK-mu | xx | | 1 | 1 | | | | | | xx | | xx | | | |
| C109170 | Vn | V | | | | | | | xx | | xx | | | | | | |

| Reg. no. | Unit | ABM | XRFM | XRFT | XRD | PTS | FI | S | C | O-Mt | O-CO ₃ | O-WR | Au | REE | Con | MS | Lab No. |
|----------|------|-----|------|------|-----|-----|----|---|----|------|-------------------|------|----|-----|-----|----|---------|
| C109171 | Vn | V | | | | | | | xx | | xx | | | | | | |
| G403201 | Vz | V | | | | | | | | | | | | | | | |
| G403202 | H6 | SML | | | 1 | | | | | | | | | | | | |
| G403203 | H5 | SLQ | | | 1 | | | | | | | | | | | | |
| G403204 | H5 | SLC | | | 1 | | | | | | | | | | | | |
| G403205 | Vn | V | | | 1 | | | | | | | | | | | | |

| <i>MRT code</i> | <i>Unit/rock type</i> | <i>MRT code</i> | <i>Unit/rock type</i> | <i>MRT code</i> | <i>Unit/rock type</i> | <i>MRT code</i> | <i>Unit/rock type</i> |
|-----------------|-------------------------------|--------------------|---|-----------------|-----------------------------|-----------------|-------------------------------|
| TB | Tertiary basalt | TM | Tertiary sediment | Dev | Devonian alteration | Y | Mylonite |
| Yb | Breccia | Ybq | Quartz breccia | AG | Quartz-chlorite schist | FC | Fulford Creek Schist |
| MR | Quartz-albite-chlorite schist | MRU | Quartz-albite-chlorite-muscovite schist | W1 | Albitite (fine grained) | W2 | Albitite (coarse grained) |
| W3 | Western Wall mafic rocks | W4 | Quartzite | W5 | Quartz-amphibolite rocks | H1 | Amphibolite |
| H2 | Magnetite ore | H2p | Pyrite-rich zones | H2ap | Apatite-rich zones | H3 | Serpentinite |
| H3d | Serpentinite-dolomite | H4 | Talc-chlorite-quartz-dolomite | H5 | Dolostone | H5c | Chorite-dolomite |
| H6 | Magnesite | H7 | Host mafic (mass.) | EW | Eastern Wall sequence | EWc | EW sequence + CO ₃ |
| AC | Armstrong Creek | OO | Oonah | V | Veins & FZ | I | Intrusive rocks |
| 1 | Number samples processed | XRFM | XRF majors | PTS | Polished thin section | Au | Au/Ag analyses |
| xx | In preparation | XRFT | XRF traces | FI | Fluid inclusion | REE | Rare earth element analyses |
| uu | Lost | XRD | X-ray diffraction | Con | Concentrates | MS | Magnetic susceptibility |
| δC | carbon isotopes | δO-CO ₃ | sulphur isotopes – carbonate | δO-Mt | oxygen isotopes – magnetite | δS | sulphur isotope |
| δO-WR | sulphur isotopes – whole rock | | | | | | |

Appendix 3

XRD analyses

| Sample No. | Major | Minerals identified | |
|-----------------|--|--|--|
| | | Minor | Trace |
| C108801 | Magnetite | Chlorite, pyrite | Talc |
| C108802 | Fe-Dolomite, quartz | Calcite, chlorite | Mica, pyrite |
| C108810 | Calcite, plagioclase ¹ | Quartz, chlorite | |
| C108811 | Chlorite | Plagioclase, quartz, amphibole, calcite | |
| C108813 | Chlorite, quartz | Plagioclase, Fe-dolomite, calcite, mica | Pyrite, ilmenite, magnetite ⁹ |
| C108814 | Chlorite | Quartz, plagioclase, Fe-dolomite, calcite | Mica, pyrite, magnetite ⁹ |
| C108815 | Chlorite, quartz | Calcite, plagioclase | Amphibole, mica, pyrite, K-feldspar |
| C108817 | Calcite, chlorite, plagioclase ¹ | Amphibole, talc | Pyrite, mica |
| C108820 | Dolomite, talc, chlorite | Calcite | |
| C108821 | Dolomite, talc | Chlorite | Pyrite, calcite |
| C108822 | Chlorite, mica ² , plagioclase ¹ | Dolomite, talc | Quartz, ? ¹⁰ |
| C108823 | Talc, chlorite, dolomite | Magnesite, Mg-calcite | |
| C108824 | Chlorite | Plagioclase, Fe-dolomite, quartz, mica ² , Mg-calcite | Pyrite, sjogrenite |
| C108825 | Dolomite | Magnesite (cream) | Mg-calcite, quartz, chlorite |
| C108826 | Chlorite | Quartz, Fe-dolomite | Pyrite, rutile |
| C108827 (cream) | Magnesite | Dolomite | Chlorite, quartz, talc, chalcopyrite |
| C108827 (grey) | Dolomite | Magnesite | Quartz, chlorite, pyrite, talc, chalcopyrite |
| C108827 (pink) | Dolomite | Magnesite ⁴ | Quartz, talc |
| C108827a | Dolomite | Magnesite, quartz | Hematite (pink) |
| C108827b | Dolomite, magnesite (cream) | Quartz, pyrite, chlorite | |
| C108829 | Dolomite, talc | Chalcopyrite, kaolinite, magnetite | |
| C108830 | Serpentine ³ | Magnetite, chlorite, pyrite, apatite | |
| C108836 | Dolomite | Quartz, hematite, pyrite | Fe-magnesite, chlorite |
| C108838 | Plagioclase ¹ | Quartz, chlorite, Fe-dolomite | Pyrite |
| C108842 | Chlorite, plagioclase ¹ , talc, calcite | Pyrite | Mica, amphibole |
| C108844 | Plagioclase ¹ | Amphibole | Chlorite |
| C108845 | Amphibole, clinopyroxene | Quartz, plagioclase | Talc |
| C108849 | Plagioclase ¹ | Chlorite, amphibole, calcite, mica ² | Quartz, pyrite |
| C108851 | Calcite, plagioclase ¹ | Amphibole, chlorite, pyrite | Mica |
| C108852 | Plagioclase, hematite, dolomite | Pyrite, chlorite | Quartz |
| C108853 | Plagioclase ¹ | Chlorite, quartz, dolomite, magnetite, hematite | Calcite, pyrite |
| C108855 | Calcite | Plagioclase, chlorite | Quartz, talc, amphibole |
| C108856 | Plagioclase ¹ | Quartz, Fe-dolomite, hematite | Chlorite, talc |
| C108861 | Plagioclase ¹ | Quartz, Fe-dolomite | Chlorite, mica |
| C108865 | Plagioclase ¹ , talc, hematite | Chlorite, calcite | |
| C108866 | Plagioclase ¹ | Chlorite, talc, mica | Calcite, magnetite |
| C108867 | Talc | Magnetite, chlorite, calcite, pyrite | |
| C108868 | Chlorite, Ca-amphibole | Calcite, talc, mica, titanite | |
| C108872 | Talc, pyrite | Serpentine, apatite, magnetite, calcite | |
| C108874 | Chlorite, quartz, calcite ⁷ | Pyrite | Ankerite, plagioclase |
| C108875 | Fe-dolomite | Quartz, calcite, chlorite, pyrite | Talc |
| C108876 | Chlorite, quartz, calcite | Plagioclase | Mica ⁹ |
| C108878 | Plagioclase ¹ | Amphibole, chlorite, calcite | Pyrite, quartz |
| C108879 | Chlorite | Quartz, amphibole, plagioclase, calcite | Mica, K-feldspar |
| C108880 | Magnetite | Pyrite, dolomite, chlorite | Mg-siderite |
| C108881 | Magnesite, Fe-dolomite | Talc, magnetite, | Pyrite |
| C108882 | Serpentine ³ | Magnetite, quartz, epidote, pyrite, Fe-dolomite | |
| C108883 | Dolomite | Talc, hematite, magnetite, serpentine, chlorite | |
| C108884 | Chlorite, plagioclase | Quartz, magnetite, amphibole, Mg-calcite, mica, talc | Pyrite, K-feldspar |
| C108885 | Plagioclase ¹ , quartz, | Mica, chlorite | Calcite |
| C108886 | Quartz | Plagioclase | Apatite ⁵ , chlorite, mica, calcite |
| C108891 | Ca-Amphibole, quartz | Epidote, titanite | Calcite |
| C108892 | Chlorite, amphibole, plagioclase ¹ | Mica | Calcite ⁹ |
| C108894 | Plagioclase ¹ | Quartz, magnesite, talc, pyrite, chlorite | Amphibole |
| C108897 | Plagioclase ¹ | Pyrite, tourmaline | Chlorite, quartz |
| C108898 | Plagioclase ¹ | Tourmaline | Quartz |
| C108900 | Plagioclase ¹ | Tourmaline | Quartz, mica |
| C108901 | Quartz | Dolomite | Tourmaline |
| C108908 | Serpentine ³ | Magnetite, apatite | Dolomite |
| C108909 | Serpentine ³ , magnetite | Calcite, dolomite, pyrite | |

| Sample No. | Minerals identified | | |
|-----------------|---|---|--|
| | Major | Minor | Trace |
| C108911 | Serpentine ¹ | Magnetite, calcite, chlorite | Pyrite |
| C108913 | Plagioclase ² , quartz, chlorite | Mica | Fe-dolomite, tourmaline |
| C108916 | Quartz | Chlorite, tourmaline, pyrite | Fe-dolomite |
| C108918 | Plagioclase ² , quartz | Fe-dolomite | Mica, chlorite, tourmaline |
| C108924 | Quartz | Chlorite | Pyrite, tourmaline, rutile, dolomite |
| C108925 | Quartz, chlorite | Tourmaline | Mica ⁹ |
| C108926 | Quartz, Fe-dolomite, plagioclase ¹ | Pyrite | Chlorite, mica ⁹ |
| C108927 | Dolomite | Plagioclase, quartz | Chlorite, mica, tourmaline, pyrite |
| C108931 | Quartz | Chlorite, Fe-dolomite, plagioclase, calcite | Pyrite |
| C108932a | Fe-dolomite, quartz | Hematite, pyrite, K-Feldspar | Calcite, chlorite, plagioclase |
| C108932b | Quartz, Fe-dolomite | Pyrite, K-feldspar | Hematite, plagioclase, calcite, chlorite |
| C108935 | Calcite, talc, chlorite | Rutile | |
| C108944 | Pyrite, magnetite, apatite | Chlorite, amphibole, calcite, talc | Quartz |
| C108945 | Dolomite, talc, chlorite | Calcite | Pyrite, quartz, rutile |
| C108949 | Dolomite, talc, chlorite | Calcite | Pyrite, rutile |
| C108951 | Dolomite, talc, chlorite | Serpentine, calcite | |
| C108953 | Chlorite, mica ¹ | Talc, Fe-dolomite | Tourmaline, calcite, amphibole, magnetite ⁹ |
| C108954 | Serpentine | Chlorite, talc, dolomite, Mg-calcite, pyrite, magnetite | Ilmenite, quartz |
| C108955 | Talc, dolomite | Serpentine, chlorite | Pyrite |
| C108956 | Dolomite | Talc, chlorite | Pyrite, Mg-calcite, Fe-magnesite, rutile |
| C108957 | Plagioclase ¹ , Fe-dolomite, chlorite, mica ² | Quartz, magnetite | Pyrite, K-feldspar |
| C108958 | Talc, dolomite, chlorite, quartz | Plagioclase, mica | ? , pyrite, rutile |
| C108959 | Quartz, dolomite | Chlorite, talc, calcite, mica ⁶ | Tourmaline, pyrite, rutile |
| C108964 | Chlorite | Ca-amphibole | Mica, pyrite, plagioclase, K-feldspar |
| C108966 | Serpentine | Magnetite, Fe-dolomite | Pyrite |
| C108971 | Chlorite, Ca-amphibole, talc | Magnetite | Pyrite |
| C108972 | Amphibole | Chlorite | Calcite ⁸ |
| C108976 | Fe-dolomite, calcite | Chlorite, Ca-amphibole, talc, pyrite, magnetite | |
| C108977 | Talc, chlorite, dolomite | Mica | Calcite, pyrite |
| C108978 | Dolomite, quartz | Chlorite, mica | Pyrite, talc, tourmaline, rutile |
| C108979 | Dolomite, quartz | Mica ⁶ , chlorite, epidote, tourmaline | Pyrite |
| C108980 | Dolomite, chlorite | Quartz | Pyrite, rutile, tourmaline |
| C108981 | Chlorite | Quartz | Mica, Fe-dolomite, rutile, sjogrenite, pyrite |
| C108982 | Chlorite, calcite, quartz, plagioclase | Amphibole | Mica |
| C109066b | Chlorite | Quartz, mica ⁶ | Plagioclase, sjogrenite |
| C109069 | Magnesite | Dolomite | Talc, calcite |
| C109073 | Chlorite, talc, amphibole, magnetite | Titanite | |
| C109077 | Plagioclase | Quartz, chlorite, mica, calcite | Tourmaline, pyrite, K-feldspar |
| C109080 | Chlorite, amphibole | Quartz, plagioclase, epidote | K-feldspar |
| C109081 | Chlorite | Amphibole, quartz, plagioclase | K-feldspar, pyrite, magnetite |
| C109083 | Chlorite | Amphibole, quartz, plagioclase, epidote | K-feldspar |
| C109091 | Chlorite, plagioclase | Quartz, amphibole | Calcite, K-feldspar, ? ¹⁰ |
| C109092 | Chlorite | Mica ¹ , quartz | Tourmaline |
| C109093 | Chlorite | Mica ¹ , plagioclase, quartz | |
| C109094 (cream) | Magnesite | Dolomite, talc | |
| C109094 (white) | Dolomite | Magnesite | |
| C109096 | Dominant magnesite | Dolomite, talc, quartz | |
| C109098 | Chlorite, plagioclase | Mica ³ , amphibole, quartz | Magnetite |
| C109100 | Amphibole, plagioclase, K-feldspar, chlorite, mica | Hematite, chalcopyrite | |
| C109101 | Dolomite | Magnesite, talc | Calcite, chlorite |
| C109102 | Mica ² , chlorite, amphibole | Plagioclase | K-feldspar |
| C109104 | Amphibole, chlorite | Apatite, tourmaline, pyrite | |
| C109109 | Quartz | Tourmaline, chlorite, plagioclase | Mica |
| C109110 | Plagioclase, chlorite | Quartz | Tourmaline, pyrite |
| C109111 | Plagioclase | Chlorite, quartz | Calcite, dolomite, mica, pyrite |
| C109116 | Dolomite | Quartz, chlorite, pyrite | |
| C109118 | Fe-dolomite | Chlorite, quartz, pyrite | Calcite |
| C109119 | Plagioclase | Amphibole, chlorite, mica | Calcite, K-feldspar |
| C109124 | Mica ² , amphibole, plagioclase ¹ | Chlorite, pyrite | ⁹ |
| C109129 | Serpentine, amphibole, magnetite | Chlorite | |
| C109131b | Amphibole, clinopyroxene | Chlorite | Pyrite |
| C109135 | Plagioclase, amphibole | Chlorite | Calcite, mica |
| C109136 | Dolomite | Plagioclase | |
| C109139 | Amphibole, plagioclase | K-feldspar | Quartz, chlorite |
| C109140 | Fe-dolomite | Chlorite | Quartz, pyrite |
| C109141 | Chlorite | Rutile, talc, sjogrenite, quartz ⁸ | |

| Sample No. | Minerals identified | | |
|-----------------|--|---------------------------------|---|
| | Major | Minor | Trace |
| C109143 | Chlorite | Talc | Rutile, sjogrenite |
| C109144 | Mica ⁶ , quartz, chlorite, plagioclase ¹ , Fe-dolomite | Rutile | |
| C109146a | Quartz, mica, plagioclase, Fe-dolomite | Hematite | Chlorite, K-feldspar |
| C109146b | Quartz, plagioclase, dolomite | Pyrite, chlorite, K-feldspar | |
| C109146c | Plagioclase, quartz | Chlorite | Tourmaline, dolomite, mica |
| C109151 | Chlorite | Quartz, plagioclase | Rutile, pyrite, goethite |
| C109152a | Dolomite, magnetite | Chlorite, pyrite, talc | |
| C109154 | Dolomite, talc | Quartz | Magnesite, chlorite |
| C109155 (cream) | Magnesite | Dolomite, talc | |
| C109155 (white) | Dolomite | Quartz, talc | |
| C109156 | Talc, quartz | Dolomite, pyrite, chlorite | |
| C109157c | Serpentine ³ | Magnetite, dolomite, apatite | Pyrite, talc, chlorite |
| C109158 | Serpentine ³ | Magnetite | Talc, dolomite |
| C109158 | Serpentine ³ | Magnetite | Calcite, dolomite, talc, chlorite |
| C109159b | Calcite, Fe-dolomite | Magnetite, chlorite, talc | Pyrite |
| C109160 | Chlorite, plagioclase | Mica, talc | Magnetite, pyrite, calcite, amphibole, quartz |
| C109166 | Amphibole, chlorite, plagioclase | Tourmaline, epidote, K-feldspar | Quartz, pyrite |
| C109167 | Magnesite | Quartz, dolomite | Talc, calcite |
| C109168 | Magnesite | Dolomite | Quartz, calcite, talc |
| C109169 | Quartz, chlorite | Mica ⁶ | Rutile, tourmaline |
| G403202 | Magnesite, dolomite, talc, chlorite | | |
| G403203 | Dolomite, quartz | | |
| G403204 | Dolomite, chlorite | | |
| G403205 | Calcite, talc, chlorite | | |

1. probably albite
2. possibly biotite
3. probably antigorite
4. possibly Fe-magnesite
5. possibly hydroxylapatite
6. probably muscovite
7. possibly Mg-calcite (main peak at 3.028Å)
8. shows 3.98Å peak – tourmaline or epidote
9. shows 3.24Å peak – rutile, K-feldspar, titanite or clinopyroxene
10. shows 2.68Å peak?

APPENDIX 4

Drill logs, holes NDDH601 and LPDDH 0707

Summarised Drill Log: DDH LPDDH0707, Long Plains

AMG mE: 347 831

AMG mN: 5 397 000

Dip: 59°

Azimuth: 269°

TD: 156.2 m

Datum: AGD66 AMG Zone 55

| Depth (m) | Depth from (m) | Depth to (m) | Description | ABM code | MRT code | Sample No. | Depth (m) | Rock type sampled |
|-----------|----------------|--------------|---|----------|----------|------------|-----------|--------------------------|
| 0 | <17.5 | 19.6 | Magnetite-rich mafic host rocks | MXO | H7 | | | |
| | 19.6 | 25.8 | Magnetite-poor mafic host rocks | MXO | H7 | | | |
| 25.8 | 25.8 | 35.7 | Highly weathered gossanous zone (FZ) | ? | ? | | | |
| 50 | 35.7 | 46.7 | High grade magnetite ore | ZAO | H2 | C109163 | 44.95 | Mt-py ore |
| | 46.7 | 53.5 | Magnetite-poor mafic host rocks | MXO | H7 | | | |
| 100 | 53.5 | 55.2 | High grade magnetite ore | ZAO | H2 | C109164 | 54.3 | Mt-py ore |
| | 55.2 | 57.7 | Magnetite-poor mafic host rocks | MXO | H7 | | | |
| | 57.7 | 61 | High grade magnetite ore | ZAO | H2 | | | |
| | 61 | 80 | Magnetite-poor mafic host rocks | MXO | H7 | | | |
| | 80 | 80.3 | High grade magnetite ore | ZAO | H2 | | | |
| | 80.3 | 85.3 | Magnetite-poor mafic host rocks | MXO | H7 | | | |
| | 85.3 | 87.6 | High grade magnetite ore | ZAO | H2 | | | |
| | 87.6 | 107.2 | Magnetite-poor mafic host rocks | MXO | H7 | C109165 | 89.3 | Ep-am-ab metamafic tuff |
| | | | | | | C109166 | 93.7 | Chl-am-ab metamafic tuff |
| | 107.2 | 140.4 | Magnetite-rich mafic host rocks with weathered zones | MXO | H7 | | | |
| 150 | 140.4 | 156.2 | White magnesite breccia grading into dolomitic quartz sandstone | SDO | H6 | C109167 | 154 | Qtz-dol SSt |
| | | | | | | C109168 | 155.8 | Magnesite |

Summarised Drill Log: DDH NDDH0601, North Pits

AMG mE: 350 303 AMG mN: 5 408 201 Dip: -50° Azimuth: 75° TD: 603 m Datum: AGD66 AMG Zone 55

| Depth (m) | NDDH 0601 | Depth from (m) | Depth to (m) | Description | ABM code | MRT code | Sample No. | Depth (m) | Rock type sampled | | |
|-----------|-----------|---------------------------|--------------|---|--|--|---|---------------------------------|----------------------------------|-------------|---------------|
| 150 | | <128 | 147.5 | Mega Ramp Schist Medium grained, arenaceous rock, pale grey green colour, mostly calcareous. Mostly massive to crudely banded, with sporadic quartz veining; unmineralised. Varies from quartzite to albittle to impure dolomite, with some weakly pyritic, chloritic/mafic, and/or tourmalinised sections. | FRQ | MR | C108912 | 129.05 | qtz-dol-albittle | | |
| | | | | | C108913 | 131.3 | qtz-dol-albittle | | | | |
| | | | | | C108914 | 136.5 | ab + tur vein in albt | | | | |
| | | | | | C108915 | 141.1 | qtz-tur-albittle | | | | |
| | | | | | C108916 | 148.2 | py-tur qtz SSt | | | | |
| 150 | | 147.5 | 151 | Quartzitic unit. Very pale grey, medium grained, unmineralised. | SQO | W4 | | | | | |
| | | 151 | 182.8 | Mega Ramp Schist Medium grained, arenaceous rock, pale grey green colour, mostly calcareous. Mostly massive to crudely banded, with sporadic quartz veining. Varies from quartzite to albittle to impure dolomite, with some weakly pyritic, chloritic/mafic, and/or tourmalinised sections. | FRQ | MR | C108917 | 151.5 | ab-sist | | |
| | | C108918 | 154.9 | | qtz-tur albittle | | | | | | |
| | | C108919 | 156.9 | | silic zone | | | | | | |
| | | C108920 | 160.3 | | qtz-ab-chl-brx | | | | | | |
| | | C108921 | 167.4 | | qtz-albittle | | | | | | |
| | | C108922 | 172.7 | | qtz vein | | | | | | |
| | | C108923 | 174.2 | | bndd ab zone | | | | | | |
| 200 | | 182.8 | 186.5 | Quartzitic unit. Very pale grey, medium grained, unmineralised. | SQC | W4 | C108924 | 182.6 | qtz-chl brx | | |
| | | 186.5 | 251 | Mega Ramp Schist Medium grained, arenaceous rock, pale grey green colour, mostly calcareous. Mostly massive to crudely banded, with sporadic quartz veining. Varies from quartzite to albittle to impure dolomite, with some weakly pyritic, chloritic/mafic, and/or tourmalinised sections. | FRQ | MR | C108925 | 184.1 | chl-qtzt | | |
| | | C108926 | 193.9 | | qtz-albittle | | | | | | |
| | | C108927 | 218.3 | | cherty-ab-qtz-py-dol brx | | | | | | |
| | | C108928 | 220.8 | | ab-qtz-chl arenite | | | | | | |
| | | C108929 | 234.7 | | silic zone: qtz-chl-py-brx | | | | | | |
| | | C108930 | 237.1 | | ab-qtzt | | | | | | |
| | | C108931 | 250.2 | | qtz-ab-dol-brx | | | | | | |
| 250 | | Main Host Sequence | | | | | | | | | |
| | | 251 | 303.3 | Mylonitic shear zone, with patchy magnetite ore zones. Mostly talcose, with variable chloritic, dolomitic, albitic, amphibolitic and quartzose zones. | | Y | C108932 | 251 | hem-dol-qtz-mt mylonite | | |
| | | | Y | | C108933 | 253.7 | chl-tlc-dol-mt mylonite | | | | |
| | | | H2p | | C108934 | 272.8 | tlc-mt-py mylonitic ore | | | | |
| | | | H2 | | C108935 | 275.8 | Tc-cal-mylonite | | | | |
| | | | H2 | | C108936 | 291.3 | ab-am-chl-py-mt-tlc-mylonite | | | | |
| 300 | | | | | H2 | C108937 | 299.3 | chl-mt-py ore | | | |
| | | 303.3 | 320.4 | Mafic unit, probably a basaltic volcanoclastic sequence. Dark green, weakly schistose. | H7 | C108938 | 306.55 | ep-am-chl metamafic tuff+tur | | | |
| | | | | | Vz | C108939 | 311.6 | py-mt V | | | |
| | | | | | H7 | C108940 | 315.2 | spotted ep-ab-am metamafic tuff | | | |
| | | | | | H7 | C108941 | 318.6 | spotted ep-ab-am metamafic tuff | | | |
| | | H7 | C108942 | | 318.8 | bt-ab-am metamafic tuff | | | | | |
| 350 | | 320.4 | 354.8 | Mixed sequence, mafic rich, probably mostly metadolomite, with ore-rich units, talcose mylonitic zones, and mafic pyroclastic units. | | | | | | | |
| | | 321.7 | 324 | | Magnetite-pyrite ore zone | I | C108943 | 320.7 | bt-ab-am metadolomite | | |
| 350 | | 324 | 328 | Mylonitised zone (talcose) | H2ap | Y | C108944 | 323.7 | ap-am-py | | |
| | | | | | I | C108945 | 325.8 | mylonite-tc-dol-ab-srp | | | |
| | | | | | H7 | C108946 | 338.7 | chl-ab-am metadolomite | | | |
| | | | | | H7 | C108947 | 345.4 | tur-chl-am-ab metamafic tuff | | | |
| | | | | | Y | C108948 | 355.8 | mylonite-tc-CO3, lost? | | | |
| 400 | | 354.8 | 376.3 | Dolomite/serpentinite zone, mostly variably brecciated and mylonitised, with variably talcose zones. | H3d | C108949 | 357.4 | dolomitic serpentinite | | | |
| | | | | | H3d | C108950 | 359.3 | dolomitic serpentinite | | | |
| | | | | | Vn | C108951 | 359.6 | dol-veins + tlc-chl | | | |
| | | | | | H3d | C108952 | 361.25 | srp-dolomite | | | |
| | | | | | Y | C108953 | 361.75 | chl-am-tlc mylonite | | | |
| | | | | | H3d | C108954 | 363.4 | dolomitic serpentinite | | | |
| | | | | | H5 | C108955 | 367.3 | tlc-srp-dolomite granular | | | |
| | | | | | H4 | C108956 | 374.3 | tlc-srp-dol | | | |
| | | | | | H7 | C108957 | 376.3 | qtz-ab-bt metamafic tuff | | | |
| | | | | | H4 | C108958a | 380 | qtz-dolomite sst | | | |
| 450 | | | | | Y | C108958b | 380 | qtz-tlc-chl-dol zone | | | |
| | | | | W4 | C108959 | 388.5 | qtzt | | | | |
| | | | | W4 | C108960 | 388.6 | qtzt | | | | |
| | | 415.5 | 431.5 | Mafic volcanoclastic sequence, with breccia and mylonite zones. | H7 | C108961 | 415.7 | ab-chl-bt-ms mafic SiSt? | | | |
| | | | | | H7 | C108962 | 419.5 | ep-am-ab metamafic tuff | | | |
| | | | | | Yb | C108963 | 424.4 | mafic brx: am + ep | | | |
| | | | | | Y | C108964 | 431.5 | chl-am mylonite | | | |
| | | | | 431.5 | 534.8 | Magnetite ore; massive magnetite and magnetite-rich serpentinite, plus apatite-rich zones. | ZMA | H2 | C108965 | 432.4 | am-chl-mt ore |
| | | | | ZAS | H2 | | C108966 | 433.4 | mass mt | | |
| | | | | ZMN | H2 | | C108966 | 466.8 | mt ore + py-dol-chl | | |
| | | ZMS | H2 | C108907 | 502.6 | | mass mt + srp | | | | |
| | | ZSS | H2ap | C108908 | 510.8 | | ap-srp-mt | | | | |
| | | ZMN | H2 | C108909 | 515.4 | | mass mt + cal, dol | | | | |
| | | ZAP | H2 | C108967 | 518.5 | | mt-py ore | | | | |
| | | ZAS | H2 | C108968 | 525.5 | | mt-py-srp ore | | | | |
| | | ZAN | H2p | C108910 | 527.5 | | mass py + dol | | | | |
| | | ZSS | H2 | C108911 | 530.2 | | srp + mt, py, chl | | | | |
| 550 | | 534.8 | 545.4 | Amphibolite/serpentinite zone, with strongly brecciated and mylonitised zones, and some variably mafic (chloritic) zones. | URS | H3 | C108969 | 535.6 | serpentinite | | |
| | | | | | URA | H1 | C108970 | 537.5 | amphibolite | | |
| | | | | | OYA | H2 | C108971 | 538.5 | pini chl-tlc-mylonite | | |
| | | | | | OYA | Y | C108972 | 539.3 | mylonitic chl amphibolite | | |
| | | | | | 545.4 | 560.1 | Mafic volcanoclastic sequence, partly brecciated and mylonitised. | MXB-ab | Y | C108973 | 548.8 |
| | | MXB-ab | H7 | C108974 | 551 | chl-ab-mt metamafic tuff | | | | | |
| 600 | | | | | ? | Ybq | C108975 | 558.3 | qtz-ab-cal brx | | |
| | | 560.1 | 588.5 | Dolomite-rich zone, mostly variably brecciated and mylonitised, with variably talcose zones, quartzose zones, mafic zones serpentinite zone. | SLJ | H4 | C108976 | 563.1 | dolomite + calcite + qtz-chl-tlc | | |
| | | | | | OYD-tc | Y | C108977 | 579.3 | dol-chl-tlc-mylonite | | |
| | | | | | SLS-qz | H4 | C108978a | 580 | chl-qtz-dolomite | | |
| | | | | | SLQ-mu | H4 | C108978b | 580 | dolomite + qtz-chl | | |
| | | | | | SLQ | H4 | C108979 | 580.6 | dol-mafic qtz SSt | | |
| | | | | | SLQ-ch | H5 | C108980 | 583.7 | qtz-chl-dolomite | | |
| | | 588.5 | 596.8 | | Mafic volcanoclastic sequence, brecciated and mylonitised. | MXK | Yb | C108981 | 590 | qtz-chl-brx | |
| | | 596.8 | 603.4 | Eastern Wall Mafic-Carbonate Sequence. Mafic volcanoclastic rocks, carbonate-altered, partly brecciated and mylonitised. | MXR-ab | EWC | C108982 | 601.1 | qtz-cal-ab-chl-metamafic SSt | | |

APPENDIX 5

Petrographic summary (values in wt.%)

| Reg. No. | XRD | PTS | Interpret. description | Unit | ABM code | CO ₃ | dol | cal | mgs | qtz | kf | ab | ep | am | chl | srp | tlc | bt | ms | tur | cpx | ap | lx | mt | hm | py | cpy | Comment | Sum | Tot. | mafics | | | | |
|--|-----|-----|--------------------------------------|------------|-----------|-----------------|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|----|-----|-----|-----|----|----|----|-----|-----|-----|------------|-------|------|--------|--|--|--|--|
| Armstrong Creek | | | | AC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109143 | | 1 | chlorite schist | AC | MXK | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 75 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | sjogrenite | 103 | 75 | | | | | |
| C109142 | | 1 | chlorite-quartz schist | AC | MXK | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | limonite | 98 | 50 | | | | | |
| C109141 | | 1 | chlorite schist | AC | MXC-ab | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 90 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | sjogrenite | 102 | 90 | | | | | |
| C109083 | 1 | | chlorite-am-albite metamafic tuff | AC | MXK | 0 | 0 | 0 | 0 | 10 | 5 | 10 | 10 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | | 99 | 60 | | | | | |
| C109067 | | | chlorite-quartz schist | AC | MXK | 0 | 0 | 0 | 0 | 50 | 0 | 5 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 2 | 0 | | 102 | 40 | | | | | |
| C109066b | 1 | | chlorite-quartz meta-arenite | AC | MXK | 0 | 0 | 0 | 0 | 25 | 0 | 5 | 0 | 0 | 60 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 0 | sjogrenite | 105 | 60 | | | | | |
| C109066a | | 1 | chlorite-quartzite | AC | MXK | 0 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | | 100 | 10 | | | | | | |
| Ahberg Group | | | | AG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109093 | 1 | | chl-quartz-muscovite-ab phyllite | AG | MXK | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | 0 | 65 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 65 | | | | | |
| C109092 | 1 | | chlorite-quartz-muscovite slate | AG | MXK | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 65 | 0 | 0 | 0 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 65 | | | | | |
| C109091 | 1 | | chl-ab-am metamafic sandstone | AG | MXK-ab | 0 | 0 | 10 | 0 | 10 | 5 | 30 | 5 | 15 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | garnet? | 108 | 40 | | | | | |
| Eastern Wall sequence | | | | EW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109082 | | | quartz-epidote-am metamafic tuff | EW | MXC | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 20 | 40 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 2 | 0 | | 97 | 50 | | | | | |
| C109081 | 1 | | metamafic sandstone | EW | MXC | 0 | 0 | 0 | 0 | 5 | 5 | 30 | 20 | 20 | 10 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 0.5 | 0 | | 105.5 | 40 | | | | | |
| C109080 | 1 | 1 | metamafic sandstone + biotite | EW | MXB | 0 | 0 | 0 | 0 | 5 | 3 | 15 | 25 | 25 | 10 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 1 | 0 | | 109 | 55 | | | | | |
| C108879 | 1 | 1 | qtz-chl-ep-am-ab metamafic tuff | EW | MXK-am-ab | 0 | 0 | 5 | 0 | 15 | 5 | 15 | 10 | 25 | 20 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 45 | | | | | |
| C108842 | 1 | 1 | metamafic sandstone (chl-ab-mica) | EW | MXH-ab | 0 | 0 | 10 | 0 | 0 | 0 | 55 | 0 | 0 | 15 | 0 | 0 | 10 | 10 | 0.5 | 0 | 0 | 0 | 0 | 0.5 | 0.5 | 0 | | 101.5 | 25 | | | | | |
| C108833 | | 1 | metamafic tuff (chl-ab-carb) | EW | | 15 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 2 | 0.5 | 1 | 0 | | 98.5 | 40 | | | | | |
| C108832 | | 1 | metamafic sandstone (qtz-chl-ab) | EW | MXH-qz-ab | 5 | 0 | 0 | 0 | 25 | 0 | 30 | 0 | 0 | 35 | 0 | 0 | 0 | 5 | 0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.5 | 35 | | | | | |
| C108815 | 1 | 1 | metamafic sandstone (qtz-chl-ab) | EW | MXK-ab-cc | 0 | 0 | 10 | 0 | 25 | 5 | 15 | 10 | 0 | 30 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 2 | 0 | | 104 | 32 | | | | | |
| Eastern Wall sequence (carbonate zones) | | | | EWC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108982 | 1 | 1 | qtz-cal-ab-chl metamafic sandstone | EWC | MXR-ab | 0 | 0 | 25 | 0 | 15 | 0 | 15 | 0 | 5 | 20 | 0 | 0 | 10 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | sjogrenite | 100 | 35 | | | | | |
| C108876 | 1 | 1 | qtz-chl-cal metamafic sandstone | EWC | MXK-ab-cc | 0 | 0 | 25 | 0 | 20 | 0 | 15 | 0 | 0 | 30 | 0 | 0 | 0 | 5 | 0.5 | 0 | 0 | 5 | 0 | 0 | 0.5 | 0 | | 101 | 30 | | | | | |
| C108814 | 1 | 1 | metamafic tuff (chl-dol-cal-ep) | EWC | MXR-ep | 0 | 15 | 15 | 0 | 10 | 0 | 10 | 15 | 10 | 25 | 0 | 0 | 0 | 0.5 | 0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 101 | 35 | | | | | |
| C108813 | 1 | 1 | metamafic tuff (chl-dol-cal) | EWC | MXR | 0 | 20 | 20 | 0 | 10 | 0 | 10 | 0 | 0.5 | 30 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | ?amphibole | 99.5 | 30.5 | | | | | |
| C108811 | 1 | 1 | metamafic tuff (chl-ab-cal) | EWC | MXR-ab | 0 | 0 | 20 | 0 | 5 | 0 | 20 | 10 | 10 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | | 104 | 45 | | | | | |
| Main Host assemblage | | | | H1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109138a | | 1 | amphibole-mylonite | H1 | URA | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 10 | 0 | | 100 | 80 | | | | | |
| C109137 | | 1 | amphibole-mylonite | H1 | URA | 0 | 0 | 0 | 0 | 5 | 0 | 2 | 0 | 75 | 0 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | | 99 | 75 | | | | | |
| C109131b | 1 | 1 | pyroxenite/amphibolite | H1 | OR-px | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 2 | 0 | | 97 | 95 | | | | | |
| C109131a | | 1 | amphibolite | H1 | URA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 3 | 0 | | 100 | 90 | | | | | |
| C108970 | | 1 | amphibolite | H1 | URA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 5 | 0 | | 98 | 85 | | | | | |
| C108868 | 1 | 1 | amphibolite | H1 | URA | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 80 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 0 | 0 | 0 | | 102 | 90 | | | | | |
| C108845b | 1 | 1 | pyroxene-amphibole-quartz skarn? | H1 | OR-px-am | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | | 100 | 95 | | | | | |
| Magnetite ore | | | | H2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109164 | | 1 | magnetite-pyrite ore | H2 | ZAP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 0 | 25 | 0 | | 100 | 2 | | | | | |
| C109163 | | 1 | magnetite-pyrite ore | H2 | ZAP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 70 | 0 | 25 | 0 | | 100 | 0 | | | | |
| C109159b | 1 | 1 | calcite-dol + coarse grain magnetite | H2 | ZSN | 0 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 5 | 0 | | 105 | 10 | | | | | |
| C109157b | | | pyrite ore-albite-amphibole | H2 | ZSP | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | | | |

| Reg. No. | XRD | PTS | Interpret. description | Unit | ABM code | CO ₃ | dol | cal | mgs | qtz | kf | ab | ep | am | chl | srp | tlc | bt | ms | tur | cpx | ap | lx | mt | hm | py | cpy | Comment | Sum | Tot. mafics | |
|---------------------------|-----|-----|--------------------------------------|-------------|----------|-----------------|-----|-----|-----|-----|----|----|----|----|-----|-----|-----|----|----|-----|-----|----|-----|-----|----|----|-----|----------|-------|-------------|----|
| C109157a | | | magnetite ore | H2 | ZA | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C109152a | | 1 | lam talc-dol-magnetite + pyrite ore | H2 | ZMP | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 15 | 0 | 0 | 0 | 0 | 10 | 0 | 25 | 5 | 20 | 0 | | 100 | 10 | |
| C109138c | | | talc + pyrite | H2 | ZMP | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C109133 | | 1 | magnetite ore | H2 | ZAP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 0 | 3 | 0 | | 99 | 3 | |
| C109130 | | 1 | magnetite-am-serpentinite breccia | H2 | ZSS | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5 | 35 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 1 | 0 | | 98 | 35 | |
| C109129 | 1 | 1 | magnetite-am-serpentinite breccia | H2 | ZSA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 5 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | | 100 | 60 | |
| C109125 | | 1 | magnetite ore | H2 | ZAP | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 5 | 0 | | 100 | 0 | |
| C109106 | | | magnetite-actinolite ore (low grade) | H2 | ZMA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 15 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 25 | 0 | 3 | 0 | | 101 | 71 | |
| C109105 | | | magnetite-talc ore - contact | H2 | ZMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 0 | 1 | 0 | | 102 | 1 | |
| C109088 | | | magnetite-pyrite ore | H2 | ZAP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 10 | 0 | | 100 | 5 | |
| C109087 | | | pyrite vein - cuts m, ~150 mm | H2 | ZAP | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C109076 | | | magnetite ore + pyrite | H2 | ZAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 70 | 0 | 6 | 0 | | 98 | 5 |
| C109073 | 1 | | magnetite ore + chlorite-talc-am | H2 | ZSC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 5 | 0 | 15 | 0 | 0 | 0 | 0 | 6 | 2 | 60 | 0 | 3 | 0 | | 101 | 15 | |
| C109072a | | | magnetite-amphibole ore | H2 | ZMA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 4 | 0 | | 100 | 41 | |
| C109071 | | | talc + magnetite ore | H2 | ZST | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 40 | 0 | 0 | 0 | 0 | 3 | 0 | 20 | 0 | 6 | 0 | | 99 | 5 | |
| C108971 | 1 | 1 | pink chlorite-talc-mylonite | H2 | ZSA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 10 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 8 | 0 | | 105 | 55 | |
| C108968 | | 1 | magnetite-pyrite-serpentinite ore | H2 | ZAS | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 15 | 0 | | 100 | 0 | |
| C108967 | 1 | 1 | magnetite-pyrite ore | H2 | ZAP | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 35 | 0 | | 101 | 1 | |
| C108966 | 1 | 1 | magnetite ore + pyrite-dol-chlorite | H2 | ZMN | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 15 | 0 | | 100 | 15 | |
| C108965 | | 1 | amphibole-chlorite-magnetite ore | H2 | ZMA | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 5 | 0 | | 100 | 40 | |
| C108936 | | 1 | ab-am-chl-py-mt-tlc-mylonite | H2 | ZSA | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 30 | 20 | 0 | 15 | 0 | 0 | 0 | 0 | 1 | 1 | 10 | 0 | 10 | 0 | | 102 | 50 | |
| C108911 | 1 | 1 | serpentinite + magnetite, py, chl | H2 | ZSS | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 15 | 0 | | 101 | 20 | |
| C108909 | 1 | 1 | massive magnetite + calcite, dol | H2 | ZMN | 0 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 10 | 0 | | 100 | 0 | |
| C108907 | | 1 | massive magnetite + serpentinite | H2 | ZMS | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 1 | 2 | 0 | | 100 | 0 | |
| C108906 | | 1 | massive magnetite | H2 | ZAS | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 1 | 2 | 0 | | 103 | 5 | |
| C108880 | | 1 | magnetite-pyrite-dol breccia ore | H2 | ZAP | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 0 | 15 | 0 | ?+Mg-sid | 100 | 0 | |
| C108871 | 1 | 1 | massive magnetite + pyrite | H2 | ZAP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 70 | 0 | 20 | 0 | | 101 | 10 |
| C108843 | | 1 | magnetite ore | H2 | ZMP | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 85 | 0 | 8 | 0 | | 109 | 1 | |
| C108841 | | 1 | magnetite ore + talc | H2 | ZMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 10 | 25 | 0 | 0 | 0 | 0 | 0 | 0.5 | 50 | 0 | 10 | 0 | | 100.5 | 5 | |
| C108831 | | 1 | magnetite-serpentinite ore | H2 | ZMS | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 5 | 0 | | 100 | 10 | |
| C108830 | 1 | 1 | magnetite-serpentinite ore | H2 | ZMS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 35 | 0.5 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | 60 | 0 | 0 | 0 | | 101 | 5 |
| C108801 | 1 | | magnetite-pyrite ore | H2 | ZAC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 85 | 0 | 5 | 0 | | 97 | 5 | |
| Apatite-rich zones | | | | H2ap | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109157c | 1 | 1 | pyrite-magnetite ore + dol, talc, ap | H2ap | ZST | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 20 | 0 | 18 | 0 | 12 | 0 | | 100 | 0 | |
| C108944 | | 1 | apatite-amphibole-pyrite | H2ap | ZMA | 0 | 5 | 0 | 0 | 2 | 0 | 5 | 0 | 10 | 2 | 0 | 0 | 5 | 0 | 0 | 0 | 30 | 0 | 5 | 0 | 35 | 0 | | 99 | 17 | |
| C108908 | | 1 | apatite-serpentinite-magnetite | H2ap | ZSS | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 45 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 10 | 0 | 1 | 0 | | 102 | 1 | |
| Ore (pyrite) | | | | H2p | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109159a | 1 | 1 | cal-dol + coarse grained mt,pyrite | H2p | ZSN | 0 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 8 | 0 | 0 | 0 | 0 | 5 | 0 | 8 | 0 | 10 | 0 | | 99 | 8 | |
| C109152b | | 1 | talc-magnetite + pyrite ore | H2p | ZAP | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 5 | 0 | 20 | 0 | 60 | 0 | | 105 | 0 | |
| C109138b | | | magnetite-albite | H2p | ZSF | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C109124a | | 1 | pyrite ore-albite-amphibole | H2p | ZSA | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5 | 30 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 25 | 0 | | 100 | 35 | |
| C109118b | | 1 | pyrite-dolomite breccia | H2p | ZMC | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 1 | 60 | 1 | | 102.5 | 20 | |
| C109118a | | 1 | pyrite-dolomite breccia | H2p | ZSN | 0 | 50 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | | 100 | 20 | |
| C108934 | | 1 | talc-magnetite-pyr mylonitic ore | H2p | ZMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 30 | 0 | | 100 | 0 | |
| C108910 | | 1 | massive pyrite + dolomite | H2p | ZAN | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 80 | 1 | | 101 | 0 | |
| C108897 | 1 | 1 | pyrite-tourmaline-albitite | H2p | ZSP | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 1 | 0 | 0 | 30 | 0 | | 103 | 2 | |
| C108877 | | 1 | massive pyrite + CO ₃ | H2p | ZMP | 0 | 50 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | | 100 | 0 | |

| Reg. No. | XRD | PTS | Interpret. description | Unit | ABM code | CO ₃ | dol | cal | mgs | qtz | kf | ab | ep | am | chl | srp | tlc | bt | ms | tur | cpx | ap | lx | mt | hm | py | cpy | Comment | Sum | Tot. mafics | |
|------------------------------|-----|-----|--|------------|----------|-----------------|-----|-----|-----|-----|----|----|----|----|-----|-----|-----|----|----|-----|-----|----|-----|----|----|-----|-----|--------------|-------|-------------|----|
| C108872b | 1 | | talc-pyrite-magnetite-apatite ore | H2p | ZMP | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 30 | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | 30 | 0 | | 100 | 0 | |
| C108872a | 1 | | massive pyrite | H2p | ZMP | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 10 | 0 | 0 | 0 | 0 | 5 | 0 | 10 | 0 | 65 | 0 | | 101 | 1 | |
| C108869 | | 1 | banded pyrite-dolomite | H2p | ZSN | 0 | 65 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 5 | | 100 | 2 | |
| Serpentinite | | | | H3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109158 | 1 | 1 | serpentinite | H3 | URS | 0 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 60 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | | 100 | 5 | |
| C108969 | | 1 | serpentinite | H3 | URS | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | | 100 | 10 | |
| C108882 | 1 | 1 | serpentinite | H3 | URS | 0 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | 5 | 0 | 2 | 0 | | 99.5 | 0 |
| Serpentinite-dolomite | | | | H3d | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108954 | 1 | 1 | dolomitic serpentinite | H3d | URS | 0 | 30 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 40 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 10 | 0 | | 97 | 0 | |
| C108952 | | 1 | serpentinite-dolomite | H3d | SLS | 0 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 0 | |
| C108950b | | 1 | dolomitic serpentinite | H3d | URS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108950a | | 1 | dolomitic serpentinite | H3d | URS | 0 | 45 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | | 101 | 0 |
| C108949 | 1 | 1 | dolomitic serpentinite | H3d | URS | 0 | 45 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | | 100 | 0 |
| Silicate-dolomite | | | | H4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109145 | | | dol chl schist, boud + qtz-dol vein | H4 | SLC | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109140a | | 1 | chlorite-dolomite | H4 | SLC | 0 | 40 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 0 | 0 | 8 | 0 | | 99 | 35 |
| C109113 | | | banded chlorite-CO ₃ + chalcopyrite | H4 | SLC | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109095 | | | talc schist in magnesite | H4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108979 | 1 | 1 | dolomite-mafic quartz sandstone | H4 | SLQ | 0 | 30 | 0 | 0 | 20 | 0 | 0 | 10 | 0 | 10 | 0 | 0 | 0 | 10 | 10 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | | 100 | 10 | |
| C108978b | 1 | 1 | dolomite + quartz-chlorite | H4 | SLQ-mu | 0 | 40 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 20 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 2 | 0 | 0 | 5 | 0 | | 102 | 20 | |
| C108978a | 1 | 1 | chlorite-quartz-dolomite | H4 | SLS-qz | 0 | 50 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 15 | 0 | 10 | 0 | 5 | 0.5 | 0 | 0 | 1 | 0 | 0 | 5 | 0 | | 101.5 | 15 | |
| C108976 | 1 | 1 | dolomite + calcite + qtz-chl-tlc | H4 | SLJ | 0 | 20 | 20 | 0 | 15 | 0 | 0 | 0 | 5 | 15 | 0 | 15 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 0 | 5 | 0 | garnet, ap? | 101 | 20 | |
| C108958a | | 1 | quartz-dolomite sandstone | H4 | SLQ | 0 | 50 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | | 103 | 0 | |
| C108956 | 1 | 1 | granular talc-serpentinite-dolomite | H4 | SLT | 0 | 30 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | | 100 | 25 | |
| C108867 | 1 | 1 | talc-calcite rock | H4 | OYT | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 8 | 0.5 | | 101.5 | 10 | |
| C108823b | 1 | 1 | talc-chlorite-dolomite rock | H4 | SLT | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 0 | |
| C108823a | 1 | | talc-chlorite-dolomite rock | H4 | SLT | 0 | 20 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 30 | |
| C108821a | | 1 | talc-dolomite-chlorite-py mylonite | H4 | SLT | 0 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 30 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5 | 0 | | 98 | 30 | |
| C108820 | 1 | 1 | talc-chlorite dolomite schist | H4 | SLT | 0 | 30 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | | 100 | 30 | |
| C108805 | | | pyrite-talc (lost) | H4 | SLT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dolomite | | | | H5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G403204 | 1 | | chlorite-dolomite | H5 | SLC | 0 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 10 | |
| G403203 | 1 | | quartz-dolomite | H5 | SLQ | 0 | 80 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 0 | |
| C109154 | 1 | 1 | talc-dolomite | H5 | SLT | 0 | 55 | 0 | 5 | 10 | 0 | 0 | 0 | 0 | 5 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 5 | |
| C109140c | | 1 | carbonaceous-dolomite | H5 | SL | 0 | 85 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | carbonaceous | 95 | 0 | |
| C109140b | | 1 | dolomite | H5 | SL | 0 | 92 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 0 | |
| C109116 | | 1 | dolomite breccia | H5 | SLP | 0 | 80 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 8 | 0 | | 99 | 5 | |
| C109114 | | 1 | chlorite-dolomite | H5 | SLC | 0 | 70 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | | 97 | 20 | |
| C109101 | 1 | | talc-magnesite-dolomite | H5 | SLM | 0 | 60 | 5 | 15 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | | 101 | 5 | |
| C109097 | | | talc-CO ₃ -contact | H5 | SLT | 0 | 50 | 0 | 45 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 0 | |
| C108980 | 1 | 1 | quartz-chlorite-dolomite | H5 | SLQ-ch | 0 | 55 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | graphite? | 103 | 20 | |
| C108955 | 1 | 1 | talc-serpentinite-dolomite | H5 | SLT | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | | 100 | 10 | |
| C108883 | 1 | 1 | dolomite + magnesite | H5 | SLM | 0 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0.5 | 0 | | 100.5 | 5 | |
| C108875 | 1 | 1 | quartz-dolomite | H5 | SLQ | 0 | 65 | 10 | 0 | 20 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 5 | |
| C108836 | 1 | 1 | dolomite, red banded | H5 | SL | 0 | 90 | 0 | 0.5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 0 | | 102.5 | 0 | |
| C108827c | 1 | | dolomite + magnesite | H5 | SLM | 0 | 65 | 0 | 15 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 0 | |
| C108827b | 1 | 1 | dolomite + magnesite | H5 | SLM | 0 | 70 | 0 | 15 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 2 | | 101 | 2 | |

| Reg. No. | XRD | PTS | Interpret. description | Unit | ABM code | CO ₃ | dol | cal | mgs | qtz | kf | ab | ep | am | chl | srp | tlc | bt | ms | tur | cpx | ap | lx | mt | hm | py | cpy | Comment | Sum | Tot. mafics |
|------------------------|-----|-----|---------------------------------------|-----------|-----------|-----------------|-----|-----|-----|-----|----|----|----|----|-----|-----|-----|----|----|-----|-----|----|----|----|----|-----|-----|---------|-----|-------------|
| C108825 | 1 | 1 | dolomite + magnesite | H5 | SLM | 0 | 75 | 0 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 |
| C108821b | 1 | | tal-c-dolomite-chlorite-pyrite schist | H5 | SLC | 0 | 70 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 99 | 10 | |
| C108802 | 1 | 1 | dolomite, laminated + quartz-chl | H5 | SLQ | 0 | 55 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | * | 0 | pyrite? | 100 | 15 |
| Magnesite | | | | H6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G403202 | 1 | | dolomite-magnesite | H6 | SML | 0 | 30 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 10 |
| C109168 | 1 | 1 | magnesite | H6 | SML | 0 | 0 | 0 | 95 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | |
| C109167 | 1 | 1 | quartz-dolomite sandstone | H6 | SMO | 0 | 10 | 5 | 45 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101 | 0 | |
| C109155 | | | dolomite/magnesite breccia | H6 | | 0 | 35 | 0 | 40 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | |
| C109150b | | | magnesite, cream, granular | H6 | ??? | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C109096 | | | tal-c-dolomite + vein | H6 | SLT | 0 | 10 | 0 | 50 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 103 | 0 | |
| C109069 | 1 | | dolomite-magnesite | H6 | SML | 0 | 15 | 5 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | 100.5 | 0 | |
| C108881 | 1 | 1 | dolomite-talc-magnesite | H6 | SML | 0 | 35 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 100 | 0 | |
| C108835 | | | magnesite, various colours, breccia? | H6 | SML | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| C108827a | 1 | | magnesite, dol (var. col, breccia?) | H6 | SML | 0 | 10 | 0 | 75 | 2 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 99 | 5 | |
| Host mafic | | | | H7 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109166 | 1 | 1 | chlorite-am-ab metamafic tuff | H7 | MXB-ab | 0 | 0 | 0 | 0 | 5 | 10 | 20 | 10 | 20 | 20 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 100 | 40 | |
| C109165 | 1 | 1 | epidote-am-ab metamafic tuff | H7 | MXA | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 20 | 30 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 100 | 35 | |
| C109153 | 1 | 1 | chlorite-amphibole-biotite albitite | H7 | MXF | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 15 | 15 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 2 | 0 | 101 | 45 | |
| C109150a | 1 | 1 | mafic siltstone | H7 | MXA | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 10 | 65 | 10 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 100 | 80 | |
| C109134 | 1 | 1 | metamafic tuff-chlorite-albite | H7 | MXF | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 8 | 15 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 100 | 35 | |
| C109132 | 1 | 1 | metamafic tuff-epidote-am-ab | H7 | MXA | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | 55 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 101 | 65 | |
| C109124b | 1 | 1 | metamafic tuff-chlorite-am-bt | H7 | MXF | 0 | 0 | 0 | 0 | 1 | 0 | 50 | 0 | 15 | 5 | 0 | 0 | 15 | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 7 | 0 | 101 | 35 | |
| C109107b | 1 | 1 | metamafic tuff + ab-ep-am-chl | H7 | MXF | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 20 | 15 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 0 | 3 | 0 | 102 | 40 | |
| C109107a | 1 | 1 | chlorite-albite metamafic tuff | H7 | MXF | 5 | 0 | 0 | 0 | 5 | 0 | 40 | 0 | 15 | 20 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 9 | 0 | 1 | 0 | 101 | 40 | |
| C109102 | 1 | 1 | metamafic tuff-chlorite-ab-ep-am | H7 | MXB-ab | 0 | 0 | 0 | 0 | 0 | 5 | 20 | 15 | 20 | 15 | 0 | 0 | 20 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 5 | 0 | 105 | 55 | |
| C109100 | 1 | 1 | metamafic sandstone | H7 | MXA | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 30 | 30 | 10 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 5 | 0 | 2 | 3 | 0 | 96 | 45 | |
| C109098 | 1 | 1 | metamafic tuff | H7 | MXK-ab | 0 | 0 | 0 | 0 | 10 | 0 | 30 | 0 | 20 | 15 | 0 | 0 | 10 | 0 | 1 | 0 | 0 | 0 | 10 | 0 | 3 | 0 | 99 | 45 | |
| C109090 | | | metamafic tuff? | H7 | MXF | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 6 | 0 | 0 | 0 | 96 | 40 | |
| C109070 | | | albite-amphibole metamafic-arenite | H7 | MXA | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | 40 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 1 | 0 | 101 | 50 | |
| C108974 | 1 | 1 | chlorite-albite-mt metamafic tuff | H7 | MXB-ab | 5 | 0 | 0 | 0 | 5 | 0 | 20 | 5 | 10 | 25 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 10 | 0 | 5 | 0 | 100 | 40 | |
| C108962 | 1 | 1 | epidote-am-ab metamafic tuff | H7 | MXF | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 20 | 20 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 2 | 0 | 98 | 30 | |
| C108961 | 1 | 1 | albite-chl-bt-ms mafic siltstone? | H7 | MXF | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 25 | 0 | 0 | 20 | 10 | 2 | 0 | 2 | 2 | 4 | 0 | 1 | 0 | 106 | 45 | |
| C108957 | 1 | 1 | quartz-albite-biotite metamafic tuff | H7 | MXH-ab-qz | 10 | 0 | 0 | 0 | 20 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 2 | 10 | 2 | 5 | 0 | 104 | 25 | |
| C108947 | 1 | 1 | tur-chl-am-ab metamafic tuff | H7 | MXB-ab | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 8 | 30 | 15 | 5 | 0 | 0 | 0 | 10 | 0 | 0 | 2 | 5 | 0 | 5 | 0 | 100 | 45 | |
| C108942 | 1 | 1 | biotite-albite-am metamafic tuff | H7 | MXF | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 5 | 25 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 101 | 50 | |
| C108941 | 1 | 1 | spotted ep-ab-am metamafic tuff | H7 | MXF | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 20 | 30 | 0 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 5 | 3 | 0 | 1 | 0 | 100 | 35 | |
| C108940 | 1 | 1 | spotted ep-ab-am metamafic tuff | H7 | MXA-ab-ep | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 20 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 3 | 0 | 101 | 40 | |
| C108938 | 1 | 1 | ep-am-chl metamafic tuff + tur | H7 | MXB-ep | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 25 | 30 | 30 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 98 | 60 | |
| C108884 | 1 | 1 | chlorite-pl-quartz metamafic tuff | H7 | MXH-ab-qz | 0 | 10 | 0 | 0 | 10 | 2 | 35 | 5 | 2 | 20 | 0 | 0 | 5 | 4 | 2 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 101 | 27 | |
| C108870 | 1 | 1 | ab-ep-am-chlorite metamafic | H7 | MXB-ab-ep | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | 40 | 20 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 102 | 60 | |
| C108839 | 1 | 1 | metamafic tuff (albite-amphibole) | H7 | MXA-ab | 0 | 0 | 0 | 0 | 5 | 0 | 25 | 5 | 50 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 3 | 0 | 0 | 100 | 55 | |
| C108837 | | | metamafic | H7 | MXO | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Intrusive rocks | | | | ID | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109103 | | | metadolerite boudin, massive | ID | MDA | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 25 | 30 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 3 | 4 | 0 | 3 | 0 | 100 | 35 | |
| C109086 | | | metadolerite, medium grained | ID | MDA | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 5 | 40 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 1 | 0 | 101 | 45 | |
| C109085 | | | metadolerite, fine grained | ID | MDA | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 20 | 60 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | 0 | 0 | 0 | 100 | 65 | |

| Reg. No. | XRD | PTS | Interpret. description | Unit | ABM code | CO ₃ | dol | cal | mgs | qtz | kf | ab | ep | am | chl | srp | tlc | bt | ms | tur | cpx | ap | lx | mt | hm | py | cpy | Comment | Sum | Tot. mafics | |
|-----------------------------------|-----|-----|--|------------|--------------|-----------------|-----|-----|-----|-----|----|----|----|----|-----|-----|-----|----|-----|-----|-----|----|----|----|----|-----|-----|---------|-------|-------------|----|
| C109084 | | | metadolerite (epidote-amphibole) | ID | MDA | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 35 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0.5 | 0 | | 100.5 | 35 | |
| C109074 | | | metadolerite | ID | MDA | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 30 | 50 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | | 101.5 | 50 | |
| C109072b | | | metadolerite | ID | MDA | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 45 | 45 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 6 | 0 | | 105 | 47 | |
| C109068 | | 1 | amphibole-metadolerite | ID | MDA | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 20 | 40 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | 0 | 8 | 0 | | 101 | 50 | |
| C108943 | | 1 | biotite-albite-am metadolerite | ID | MDF | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 5 | 15 | 0 | 0 | 0 | 35 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | | 99 | 50 | |
| C108878 | | 1 | chlorite-quartz-albite-dolerite | ID | MDF | 0 | 0 | 8 | 0 | 0 | 0 | 40 | 8 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 0 | | 101 | 40 | |
| C108849 | | 1 | amphibole-ab metadolerite, cgd | ID | MDF | 0 | 0 | 10 | 0 | 3 | 0 | 55 | 0 | 20 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 | 0 | | 103 | 30 | |
| Mega Ramp schist | | | | MR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109146C | | 1 | quartz-albitite | MR | FRF-ch-qz | 0 | 5 | 0 | 0 | 35 | 0 | 35 | 0 | 0 | 15 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 15 | |
| c109146B | | 1 | dolomite-quartz-albitite | MR | FRF-do-qz | 0 | 25 | 0 | 0 | 20 | 5 | 35 | 0 | 0 | 5 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | | 105 | 5 | |
| C109146A | | 1 | dolomite-quartz-albitite | MR | FRF-do-qz-mu | 0 | 25 | 0 | 0 | 15 | 5 | 40 | 0 | 0 | 5 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | | 101 | 5 | |
| C109111 | | 1 | chlorite-quartz albitite | MR | FRF-ch | 0 | 4 | 4 | 0 | 15 | 0 | 60 | 0 | 0 | 12 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | | 101 | 12 | |
| C109110 | | 1 | chlorite-quartz albitite | MR | FRF-ch | 0 | 0 | 0 | 0 | 20 | 0 | 60 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | | 101 | 15 | |
| C109109 | | 1 | quartz-schist | MR | SQF-ch | 0 | 0 | 0 | 0 | 65 | 0 | 10 | 0 | 0 | 10 | 0 | 0 | 0 | 5 | 15 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | | 106 | 10 | |
| C108931 | | 1 | quartz-albite-dolomite breccia | MR | OQF-do | 0 | 30 | 0 | 0 | 30 | 0 | 30 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 5 | |
| C108930 | | 1 | albite-quartzite | MR | SQF | 0 | 0 | 0 | 0 | 45 | 0 | 40 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 1 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | | 102 | 5 | |
| C108928 | | 1 | albite-quartz-chlorite arenite | MR | SQF-ch | 0 | 0 | 0 | 0 | 45 | 0 | 30 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | | 98 | 15 |
| C108926 | | 1 | aalbite-quartz arenite | MR | SQF | 0 | 5 | 0 | 0 | 60 | 0 | 20 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | | 100 | 5 | |
| C108920 | | 1 | quartz-aalbite-chlorite breccia | MR | OQF | 5 | 0 | 0 | 0 | 50 | 0 | 30 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | | 98 | 10 | |
| C108918 | | 1 | quartz-tourmaline albitite | MR | FRF-qz | 0 | 10 | 0 | 0 | 30 | 0 | 50 | 0 | 0 | 0.5 | 0 | 0 | 0 | 0.5 | 10 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | | 101.5 | 0.5 | |
| C108917 | | | albite-siltstone | MR | SQF | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C108915 | | 1 | quartz-tourmaline albitite | MR | FRF-qz | 0 | 10 | 0 | 0 | 20 | 0 | 50 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 10 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | | 100.5 | 5 | |
| C108914 | | 1 | albite + tur vein in quartz-albitite | MR | V | 10 | 0 | 0 | 0 | 20 | 0 | 50 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 10 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | | 100.5 | 5 | |
| C108913 | | 1 | quartz-dolomite-albitite | MR | FRF-qz | 0 | 20 | 0 | 0 | 20 | 0 | 40 | 0 | 0 | 10 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | | 100 | 10 | |
| C108885 | | 1 | tourmaline-quartz-ab metasiltstone | MR | SQF | 0 | 0 | 1 | 0 | 40 | 0 | 40 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 10 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | | 102 | 6 | |
| C108824 | | 1 | banded chlorite-ab-dolomite rock | MR | VQ | 0 | 15 | 10 | 0 | 10 | 0 | 20 | 0 | 0 | 35 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 2 | 0 | | 101 | 40 | |
| Mega Ramp muscovite schist | | | | MRU | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109144 | | 1 | dolomite chl-ab-ms metamafic tuff | MRU | OXH | 0 | 15 | 0 | 0 | 15 | 0 | 15 | 0 | 0 | 25 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | 101 | 25 | |
| C108896 | | 1 | muscovite-albite-chlorite schist | MRU | MXH-ab | 0 | 0 | 0 | 0 | 10 | 0 | 25 | 0 | 0 | 15 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 15 | |
| C108890 | | 1 | quartz-ab-chl-bt-ms metamafic sst | MRU | MXH-ab-qz | 0 | 0 | 0 | 0 | 20 | 0 | 20 | 0 | 0 | 20 | 0 | 0 | 20 | 20 | 0.5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | | 105.5 | 40 | |
| C108889 | | 1 | albite-muscovite schist | MRU | MXH-ab | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | | 100 | 10 | |
| Oonah | | | | OO | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109169 | | 1 | quartz-muscovite schist | OO | SXK-mu | 0 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 10 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | | 103 | 5 | |
| C108809 | | | phyllite (Oonah), quartz-muscovite-chlorite-mylonitic,veined | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Veins | | | | V | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Amphibole veins</i> | | | | <i>Va</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108873 | | | actinolite asbestos | Va | V | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108840 | | | tremolite asbestos | Va | V | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108828 | | | actinolite asbestos | Va | V | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108819 | | | tremolite asbestos | Va | V | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108804 | | | actinolite-asbestos | Va | V | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Carbonate veins</i> | | | | <i>Vn</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G403205 | | 1 | calcite-talc vein | Vn | V | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 10 | |
| C109171 | | | CO ₃ -boudin | Vn | V | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109170 | | | CO ₃ -vein | Vn | V | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109136 | | 1 | dolomite-albite vein | Vn | VL | 0 | 95 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 0 | |
| C109128a | | | dolomite-chalcopyrite-vein | Vn | VL | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Reg. No. | XRD | PTS | Interpret. description | Unit | ABM code | CO ₃ | dol | cal | mgs | qtz | kf | ab | ep | am | chl | srp | tlc | bt | ms | tur | cpx | ap | lx | mt | hm | py | cpy | Comment | Sum | Tot. mafics | | | | |
|---|-----|-----|---|------|----------|-----------------|-----|-----|-----|-----|----|----|----|----|-----|-----|-----|----|----|-----|-----|----|-----|----|----|----|-----|---------------|-----|-------------|------|-----|-----|----|
| Veins | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Carbonate veins</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G403205 | 1 | | calcite-talc vein | Vn | V | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 10 |
| C109171 | | | CO ₃ -boudin | Vn | V | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C109170 | | | CO ₃ -vein | Vn | V | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C109136 | | 1 | dolomite-albite vein | Vn | VL | 0 | 95 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | |
| C109128a | | | dolomite-chalcopyrite-vein | Vn | VL | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C108951 | 1 | ? | dolomite-veins + talc-chlorite | Vn | VL | 0 | 30 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 5 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 30 | |
| C108863 | 1 | | hematite-cpy-CO ₃ vein in mafic | Vn | V | 0 | 10 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0.5 | 0 | 0 | 0.5 | 5 | 0 | 5 | 0 | | | | 101 | 20 | | |
| C108862 | | | quartz-pyrite-CO ₃ vein | Vn | V | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C108855 | 1 | | pink calcite vein | Vn | VC | 0 | 0 | 60 | 0 | 5 | 0 | 15 | 0 | 5 | 10 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 15 | |
| C108818 | | | pink CO ₃ + cpy + magnetite-vein | Vn | V | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C108817 | 1 | | blue calcite vein | Vn | V | 0 | 0 | 25 | 0 | 0 | 0 | 25 | 0 | 10 | 25 | 0 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | | | 99 | 37 | | |
| C108810 | 1 | | pink calcite-albite vein | Vn | V | 0 | 10 | 40 | 0 | 0 | 0 | 40 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 10 | |
| C108803 | | | rhc + cal + hematite vein in mafic | Vn | V | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| <i>Quartz veins</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108922 | | | quartz vein | Vq | VQ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108912 | | | quartz | Vq | VQ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108808 | | | quartz | Vq | VQ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108807 | | | quartz | Vq | VQ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108806 | | | quartz | Vq | VQ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Mineralised veins</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G403201 | | | hematite veins | Vz | V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109128b | | | pyrite-vein | Vz | V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108939 | | | pyrite-magnetite vein | Vz | V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108865 | 1 | 1 | talc-hematite vein in albite | Vz | V | 0 | 0 | 10 | 0 | 0 | 0 | 40 | 0 | 0 | 10 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | | | | 100 | 10 | | |
| C108854 | 1 | | ?magnetite vein in srp; west of ore | Vz | V | 0 | 10 | 10 | 0 | 5 | 0 | 0 | 0 | 0 | 10 | 30 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 10 | 0 | 10 | 0 | | | | 100 | 10 | |
| C108853 | 1 | 1 | hematite vein in mafic | Vz | V | 0 | 15 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0.5 | 0 | 0 | 0 | 5 | 0 | 2 | 0 | | | | 97.5 | 15 | | |
| C108852 | 1 | | hem-qtz-py-cpy-dol vein in mafic | Vz | V | 0 | 20 | 0 | 0 | 5 | 0 | 35 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | 0 | | | | 100 | 10 | | |
| C108851 | 1 | 1 | chalcopyrite-pyrite-CO ₃ vein | Vz | V | 0 | 0 | 15 | 0 | 0 | 0 | 25 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | | | | 100 | 10 | |
| C108847 | 1 | 1 | hematite-pyrite vein in mafic | Vz | V | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 10 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | | | | 102 | 40 | |
| C108829 | 1 | | dolomite vein + talc-chalcopyrite | Vz | V | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 10 | 10% kaolinite | | | 100 | 0 | | |
| Western Wall banded schist/albite (fine grained) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109162 | 1 | | amphibole-albite | W1 | W1 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 2 | 0 | | | | 101 | 40 | | |
| C109161 | 1 | | albite | W1 | W1 | 0 | 0 | 0 | 0 | 0 | 0 | 85 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 4 | 0 | | | | 101 | 10 | | |
| C109149 | 1 | | amphibole-albite | W1 | W1 | 10 | 0 | 0 | 0 | 0 | 0 | 65 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | | | | 100 | 20 | | |
| C109148 | 1 | | chlorite-albite | W1 | W1 | 0 | 0 | 0 | 0 | 2 | 0 | 60 | 0 | 0 | 15 | 0 | 0 | 10 | 5 | 3 | 0 | 0 | 4 | 0 | 0 | 3 | 0 | | | | 102 | 25 | | |
| C109147 | 1 | | chlorite-albite | W1 | W1 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 20 | 0 | 0 | 10 | 10 | 3 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | | | | 99 | 30 | | |
| C109135 | 1 | 1 | amphibole-albite | W1 | FRF-am | 0 | 0 | 5 | 0 | 0 | 0 | 60 | 0 | 20 | 10 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | | | | 100 | 30 | | |
| C109126 | 1 | | albite | W1 | W1 | 7 | 0 | 0 | 0 | 0 | 0 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | | | | 100 | 0 | | |
| C109122b | | | chlorite-albite | W1 | W1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| C109122a | 1 | | albite | W1 | W1 | 0 | 5 | 0 | 0 | 0 | 0 | 90 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 100 | 5 | | |
| C109121 | 1 | | dolomite-albite | W1 | W1 | 0 | 15 | 0 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 100 | 0 | | |
| C109120 | 1 | | albite | W1 | W1 | 0 | 5 | 0 | 0 | 0 | 0 | 95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | | | | 102 | 0 | | |
| C109078 | | | banded aplite, folded | W1 | W1 | 5 | 0 | 0 | 0 | 5 | 1 | 60 | 0 | 0 | 8 | 0 | 0 | 4 | 5 | 8 | 0 | 1 | 3 | 1 | 3 | 1 | 0 | | | | 105 | 12 | | |
| C109077 | 1 | | quartz-albite | W1 | FRF-qz | 0 | 0 | 10 | 0 | 10 | 5 | 60 | 0 | 0 | 5 | 0 | 0 | 2 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 2 | 0 | | | | 103 | 7 | | |
| C108923 | | | banded albite zone | W1 | FRF | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |

| Reg. No. | XRD | PTS | Interpret. description | Unit | ABM code | CO ₃ | dol | cal | mgs | qtz | kf | ab | ep | am | chl | srp | tlc | bt | ms | tur | cpx | ap | lx | mt | hm | py | cpy | Comment | Sum | Tot. mafics | |
|--|-----|-----|-------------------------------------|-----------|----------|-----------------|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|----|-----|----|-----|----------|-------|-------------|----|
| C108921 | | 1 | quartz-albitite | W1 | FRF-ch | 0 | 0 | 0 | 0 | 5 | 0 | 65 | 0 | 0 | 20 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 20 | |
| C108898 | 1 | 1 | albitite | W1 | FRF | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 5 | |
| C108895 | | 1 | albitite | W1 | FRF | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 101 | 0 | |
| C108894 | 1 | 1 | muscovite albitite | W1 | FRF | 0 | 0 | 0 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | | 102 | 0 | |
| C108866 | 1 | 1 | magnetite-calcite vein in albitite | W1 | V | 0 | 0 | 5 | 0 | 0 | 0 | 55 | 2 | 0 | 8 | 0 | 0 | 10 | 10 | 5 | 0 | 0.5 | 0 | 1 | 5 | 0 | 0 | | 101.5 | 18 | |
| C108859 | | 1 | banded chlorite-dolomite albitite | W1 | FRF-ch | 0 | 15 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | | 97 | 20 | |
| C108850 | | 1 | albitite | W1 | FRF | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 8 | 5 | 0 | 5 | 0 | | 103 | 15 |
| C108848b | | 1 | amphibole-albitite siltstone | W1 | FRF-am | 0 | 0 | 0 | 0 | 0 | 0 | 80 | | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | | 99 | 15 | |
| C108846 | | 1 | muscovite-albitite siltstone | W1 | FRF | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 0 | |
| C108844 | | | amphibole-albitite mylonite? | W1 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C108838 | 1 | 1 | banded chlorite-dolomite albitite | W1 | FRF | 0 | 15 | 0 | 0 | 5 | 0 | 65 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0.5 | 1 | 0 | | 101.5 | 10 | |
| Coarse-grained albitite (granitoid) | | | | W2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C108900 | 1 | | albitite | W2 | FRF | 0 | 0 | 0 | 0 | 2 | 0 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 99 | 0 | |
| C108899 | | 1 | albitite breccia | W2 | FRF | 0 | 10 | 0 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | | 102 | 0 | |
| C108861 | 1 | 1 | dolomite-quartz-albitite | W2 | FRF | 0 | 20 | 0 | 0 | 15 | 0 | 60 | 0 | 0 | 0.5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.5 | 0.5 | |
| C108860 | | 1 | albitite | W2 | FRF-ch | 5 | 0 | 0 | 0 | 5 | 0 | 80 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 5 | |
| C108857 | | 1 | albitite, coarse grained, mylonitic | W2 | FRF | 5 | 0 | 0 | 0 | 5 | 0 | 70 | 2 | 5 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | | 98 | 13 | |
| C108856 | 1 | 1 | quartz-albitite | W2 | FRF-qtz | 0 | 10 | 0 | 0 | 40 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | | 108 | 0 | |
| Mafic rocks (western wall) | | | | W3 | URT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109127 | | 1 | chlorite-albitite | W3 | | 5 | 0 | 0 | 0 | 2 | 0 | 55 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 10 | 0 | | 99 | 30 | |
| C109119 | 1 | 1 | albite-amphibole metamafic tuff | W3 | S | 0 | 0 | 5 | 0 | 0 | 5 | 40 | 12 | 20 | 8 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | | 100 | 33 | |
| C108892 | 1 | 1 | albite-am-chlorite metamafic tuff | W3 | ORB-ab | 0 | 0 | 5 | 0 | 0 | 0 | 20 | 10 | 30 | 30 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | | 99 | 62 | |
| C108887 | 1 | 1 | cu-brg ep-am-ab metamafic tuff | W3 | ORFam-ep | 0 | 0 | 0 | 0 | 0.5 | 0 | 30 | 20 | 30 | 5 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | | 99.5 | 45 | |
| C108858 | 1 | 1 | ab-am metamafic sandstone | W3 | ORA-ab | 5 | 0 | 0 | 0 | 0 | 0 | 40 | 5 | 40 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | | 97 | 45 | |
| C108834 | 1 | 1 | metamafic sandstone (qtz-chl-mt) | W3 | MXH-qz | 0.5 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0.5 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 10 | 0 | 5 | 0 | | 101 | 40.5 | |
| Quartzite | | | | W4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109123 | | 1 | amphibole-chert | W4 | S | 5 | 0 | 0 | 0 | 70 | 0 | 5 | 0 | 15 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 101 | 20 | |
| C109112 | | | banded chlorite-CO ₄ | W4 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C108960 | | 1 | quartzite | W4 | SQ | 0 | 0 | 0 | 0 | 95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 0 | |
| C108959 | | 1 | quartzite | W4 | SQ-cb | 0 | 10 | 2 | 0 | 70 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 1 | 0 | 0 | 1 | 0 | 0 | 5 | 0 | | 104 | 5 | |
| C108925 | 1 | 1 | chlorite-quartzite | W4 | SQC | 0 | 0 | 0 | 0 | 75 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | | 100 | 20 | |
| C108919 | | | siliceous zone | W4 | SQF | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C108916 | 1 | 1 | pyrite-tourmaline sandstone | W4 | SQ | 0 | 2 | 0 | 0 | 80 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | | 102 | 4 | |
| C108902 | | | siliceous zone, banded | W4 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C108901 | 1 | 1 | quartz sandstone + tur-dolomite | W4 | SQ-tm | 0 | 10 | 0 | 0 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 0 | |
| C108888 | | | siliceous zone | W4 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C108886 | 1 | 1 | albite-quartzite | W4 | SQF | 0 | 0 | 2 | 0 | 75 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | | 102 | 2 | |
| Quartz-amphibole rocks | | | | W5 | URT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109089 | | | metadolerite + pyrite, coarse gnd | W5 | MDE | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 8 | 0 | | 100 | 40 | |
| C108893 | | 1 | quartz-amphibole rock | W5 | ORA-qz | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | 0 | 5 | 0 | | 100 | 55 | |
| C108891 | 1 | 1 | quartz-amphibole rock | W5 | ORA-qz | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 10 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | 0 | 5 | 0 | | 100 | 45 | |
| C108864 | | 1 | quartz-amphibole | W5 | ORA-qz | 5 | 0 | 0 | 0 | 30 | 0 | 0 | 8 | 35 | 5 | 0 | 0 | 5 | 0 | 4 | 0 | 0 | 5 | 2 | 0 | 4 | 0 | | 103 | 45 | |
| C108845a | 1 | 1 | pyroxene-amphibole-quartz skarn? | W5 | OR-px-am | 0 | 0 | 0 | 0 | 15 | 0 | 5 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 2 | 0 | 0 | 0 | | 97 | 15 | |
| Mylonites | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109160 | 1 | 1 | albite-metamafic tuff? | Y | MXC-ab | 0 | 0 | 10 | 0 | 5 | 0 | 35 | 0 | 5 | 15 | 0 | 8 | 8 | 0 | 1 | 0 | 0 | 3 | 4 | 0 | 10 | 0 | | 104 | 28 | |
| C109156 | 1 | 1 | quartz-talc mylonite | Y | OYT | 0 | 5 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 5 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | | 103 | 5 | |
| C109139 | 1 | 1 | albite-amphibole breccia | Y | ORA-ab | 0 | 0 | 0 | 0 | 5 | 5 | 15 | 35 | 35 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0.5 | 0 | 0 | ?epidote | 104.5 | 40 | |

| Reg. No. | XRD | PTS | Interpret. description | Unit | ABM code | CO ₃ | dol | cal | mgs | qtz | kf | ab | ep | am | chl | srp | tlc | bt | ms | tur | cpx | ap | lx | mt | hm | py | cpy | Comment | Sum | Tot. mafics | |
|------------------------|-----|-----|--|------------|-----------|-----------------|-----|-----|-----|-----|----|----|----|----|-----|-----|-----|----|----|-----|-----|----|----|-----|----|-----|-----|--------------|-------|-------------|--|
| C109117 | | 1 | chlorite-albite-CO ₃ mylonite | Y | | 0 | 15 | 0 | 0 | 10 | 0 | 30 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 12 | 2 | 0 | | 101 | 30 | |
| C109079 | | | magnesite-chlorite breccia | Y | SM | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 35 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 3 | 0 | | 106 | 12 | |
| C108977 | 1 | 1 | dolomite-chlorite-talc-mylonite | Y | OYD-tc | 0 | 40 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 30 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | | 105 | 25 | |
| C108973 | | 1 | tourmaline-ab-am-biotite mylonite | Y | MXB-ab | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 25 | 10 | 0 | 0 | 25 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | | 102 | 60 | |
| C108972 | 1 | 1 | mylonitic chlorite-amphibolite | Y | OYA | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 70 | 15 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | | 99 | 85 | |
| C108964 | 1 | 1 | chlorite-amphibole mylonite | Y | OYA | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 45 | 25 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 8 | 0 | | 103 | 75 | |
| C108958b | 1 | ? | quartz-talc-chlorite-dolomite zone | Y | URT | 0 | 20 | 5 | 0 | 15 | 0 | 0 | 0 | 0 | 20 | 0 | 20 | 15 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | | 99 | 35 | |
| C108953 | 1 | 1 | chlorite-amphibole-talc mylonite | Y | MXB-tc | 0 | 10 | 0 | 0 | 0 | 0 | 10 | 0 | 20 | 25 | 0 | 20 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | | 100 | 50 | |
| C108948 | | | mylonite-talc-CO ₃ lost? | Y | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C108945 | 1 | 1 | mylonite-talc-dol-ab-serpentinite | Y | OYT | 0 | 40 | 0 | 0 | 0 | 0 | 10 | 5 | 0 | 10 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | | 101 | 10 | |
| C108937 | | | chlorite-magnetite-pyrite mylonite | Y | OYB | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 30 | 30 | 0 | 15 | 0 | 0 | 0 | 0 | 1 | 1 | 5 | 0 | 5 | 0 | | 102 | 60 | |
| C108935 | 1 | ? | talc-calcite-mylonite | Y | OYT | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 70 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | | 105 | 10 | |
| C108933 | | | chlorite-talc-dolomite-mt mylonite | Y | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C108932 | | | hematite-dol-quartz-mt mylonite | Y | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C108874b | 1 | | quartz-calcite-chlorite mylonite | Y | Y | 0 | 5 | 20 | 0 | 30 | 0 | 5 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | | 100 | 30 | |
| C108874a | 1 | 1 | quartz-calcite mylonite | Y | Y | 0 | 10 | 40 | 0 | 25 | 0 | 5 | 0 | 0 | 10 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5% graphite | 100 | 10 | |
| C108848a | | 1 | epidote-amphibolite mylonite | Y | SLT | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 20 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | | 100 | 70 | |
| C108826 | 1 | 1 | quartz-chlorite-mylonite | Y | YXH-qz-do | 0 | 10 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | | 100 | 40 | |
| C108822 | 1 | | graphitic mylonite (chl-ms-pl) | Y | OYC | 0 | 10 | 0 | 0 | 2 | 0 | 25 | 0 | 0 | 25 | 0 | 10 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10% graphite | 97 | 50 | |
| Breccias | | | | Yb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109104 | 1 | | chlorite-am-ap-py-tur zone | Yb | V | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 35 | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | 0 | 0 | 10 | 0 | | 100 | 70 | |
| C109099 | | | breccia near mafic contact | Yb | MXA | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | 30 | 20 | 0 | 0 | 5 | 0 | 5 | 0 | 2 | 0 | 4 | 0 | 1 | 0 | | 97 | 55 | |
| C109094 | | | magnesite + dolomite vein | Yb | | 0 | 45 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100 | 0 | |
| C109075 | | | mafic breccia + pyrite | Yb | | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 40 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 8 | 0 | 5 | 0 | | 102 | 80 | |
| C108963 | 1 | | mafic breccia: amphibole + epidote | Yb | MXA-ep | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 65 | 20 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 10 | 0 | | 102 | 20 | |
| C108946 | 1 | | chlorite-albite-amphibole breccia | Yb | MDF | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 5 | 15 | 25 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 3 | 0 | 8 | 0 | | 99 | 40 | |
| C108816 | | | talc-dolomite? in fault zone | Yb | SLT | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Quartz breccias | | | | Ybq | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C109151 | 1 | 1 | chlorite-quartz-albite breccia | Ybq | OXK | 0 | 0 | 0 | 0 | 20 | 0 | 15 | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | | 99 | 60 | |
| C109115 | 1 | | quartz-albite-dolomite breccia | Ybq | | 0 | 15 | 0 | 0 | 35 | 0 | 20 | 0 | 5 | 10 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 9 | 0.5 | | 100.5 | 15 | |
| C109108b | | | limonite-quartz breccia | Ybq | | 0 | 0 | 0 | 0 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 20% limonite | 105 | 0 | |
| C108981 | 1 | 1 | quartz-chlorite breccia | Ybq | MXK | 0 | 5 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | | 105 | 40 | |
| C108975 | 1 | 1 | quartz-albite-calcite breccia | Ybq | ? | 0 | 0 | 20 | 0 | 20 | 0 | 40 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 5 | 0 | 0 | 8 | 0 | | 105 | 5 | |
| C108929 | | | siliceous zone: qtz-chl-py-breccia | Ybq | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| C108927 | 1 | 1 | cherty-ab-quartz-pyrite-dol breccia | Ybq | SQF-do | 0 | 30 | 0 | 0 | 25 | 0 | 20 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | | 98 | 5 | |
| C108924 | 1 | 1 | quartz-chlorite breccia | Ybq | OQ | 0 | 0 | 0 | 0 | 65 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | | 100 | 20 | |
| C108812 | 1 | | epidosite clasts in mafic breccia (chlorite-quartz-albite-epidote) | Ybq | MXR-ep-ab | 2 | 0 | 0 | 0 | 25 | 0 | 30 | 20 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1.5 | 5 | 3.5 | 0 | | 109 | 20 | |

Appendix 6

Petrographic statistics

| Unit Code Samples | Armstrong Creek | | | | Ahberg Group | | | | Eastern Wall sequence EW | | | | Eastern Wall sequence + CO ₃ EWC | | | | Main Host assemblage amphibolite H1 | | | |
|-------------------------|-----------------|-----|-----|----|--------------|-----|-----|----|--------------------------------|-----|-----|----|---|-----|-----|----|---|-----|-----|----|
| | AC | | | | AG | | | | EW | | | | EWC | | | | H1 | | | |
| | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd |
| Carbonate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dolomite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 7 | 10 | 0 | 0 | 0 | 0 |
| Calcite | 0 | 0 | 0 | 0 | 10 | 0 | 3 | 6 | 10 | 0 | 3 | 5 | 25 | 15 | 21 | 4 | 5 | 0 | 1 | 2 |
| Magnesite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Quartz | 85 | 2 | 31 | 30 | 15 | 10 | 12 | 3 | 25 | 0 | 11 | 10 | 20 | 5 | 12 | 6 | 5 | 0 | 1 | 2 |
| K-feldspar | 5 | 0 | 1 | 2 | 5 | 0 | 2 | 3 | 5 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Albite | 10 | 0 | 3 | 4 | 30 | 0 | 13 | 15 | 55 | 10 | 26 | 15 | 20 | 10 | 14 | 4 | 5 | 0 | 1 | 2 |
| Epidote | 10 | 0 | 1 | 4 | 5 | 0 | 2 | 3 | 25 | 0 | 11 | 10 | 15 | 0 | 5 | 7 | 0 | 0 | 0 | 0 |
| Amphibole | 30 | 0 | 4 | 11 | 15 | 0 | 5 | 9 | 40 | 0 | 14 | 16 | 10 | 0 | 5 | 5 | 90 | 40 | 70 | 19 |
| Chlorite | 90 | 10 | 51 | 27 | 65 | 25 | 52 | 23 | 40 | 10 | 21 | 12 | 35 | 20 | 28 | 6 | 10 | 0 | 3 | 4 |
| Serpentine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Talc | 20 | 0 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Biotite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 5 | 7 | 10 | 0 | 2 | 4 | 0 | 0 | 0 | 0 |
| Muscovite | 10 | 0 | 3 | 4 | 15 | 0 | 10 | 9 | 10 | 0 | 3 | 4 | 5 | 0 | 3 | 3 | 5 | 0 | 1 | 2 |
| Tourmaline | 2 | 0 | 0 | 1 | 5 | 0 | 2 | 3 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 1 |
| Clinopyroxene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 14 | 25 |
| Apatite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Leucoxene | 5 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 5 | 0 | 3 | 2 | 5 | 0 | 3 | 2 | 0 | 0 | 0 | 0 |
| Magnetite | 0 | 0 | 0 | 0 | 8 | 0 | 3 | 5 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 8 | 0 | 4 | 4 |
| Hematite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pyrite | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 2 | 0 | 1 | 1 | 10 | 0 | 4 | 4 |
| Chalcopyrite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Unit Code Samples | Ore (magnetite) H2 | | | | Ore (apatite) H2ap | | | | Ore (pyrite) H2p | | | | Serpentinite H3 | | | | CO ₃ | | | | Talc schist H4 | | | | CO ₃ , chl | | | | | | |
|-------------------------|-----------------------|-----|-----|----|-----------------------|-----|-----|----|---------------------|-----|-----|----|--------------------|-----|-----|----|-----------------|-----|-----|----|-------------------|-----|-----|----|-----------------------|-----|-----|----|-----|-----|-----|
| | H2 | | | | H2ap | | | | H2p | | | | H3 | | | | CO ₃ | | | | H4 | | | | CO ₃ , chl | | | | | | |
| | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave |
| Carbonate | 25 | 0 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Dolomite | 30 | 0 | 3 | 8 | 20 | 5 | 10 | 9 | 65 | 0 | 19 | 24 | 70 | 0 | 29 | 26 | 50 | 0 | 30 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Calcite | 30 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 30 | 0 | 4 | 9 | 5 | 0 | 2 | 3 | 20 | 0 | 5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Magnesite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Quartz | 5 | 0 | 0 | 1 | 2 | 0 | 1 | 1 | 15 | 0 | 2 | 5 | 2 | 0 | 1 | 1 | 40 | 0 | 10 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| K-feldspar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Albite | 15 | 0 | 1 | 3 | 5 | 0 | 2 | 3 | 60 | 0 | 8 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Epidote | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 10 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Amphibole | 55 | 0 | 10 | 17 | 10 | 0 | 4 | 6 | 30 | 0 | 3 | 9 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Chlorite | 20 | 0 | 6 | 6 | 2 | 0 | 1 | 1 | 20 | 0 | 5 | 7 | 10 | 0 | 2 | 4 | 35 | 0 | 18 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Serpentine | 50 | 0 | 10 | 15 | 45 | 0 | 15 | 26 | 10 | 0 | 1 | 3 | 85 | 30 | 55 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Talc | 40 | 0 | 6 | 10 | 30 | 0 | 10 | 17 | 45 | 0 | 9 | 15 | 10 | 0 | 3 | 5 | 70 | 0 | 24 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Biotite | 1 | 0 | 0 | 0 | 5 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Muscovite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Tourmaline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 10 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Clinopyroxene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Apatite | 10 | 0 | 1 | 2 | 40 | 20 | 30 | 10 | 10 | 0 | 2 | 3 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Leucoxene | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Magnetite | 90 | 10 | 52 | 25 | 18 | 5 | 11 | 7 | 20 | 0 | 6 | 8 | 10 | 0 | 4 | 4 | 8 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Hematite | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Pyrite | 35 | 0 | 9 | 8 | 35 | 1 | 16 | 17 | 80 | 10 | 39 | 22 | 10 | 0 | 3 | 4 | 8 | 0 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Chalcopyrite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |

| Unit Code Samples | Dolomite H5 16 | | | | Talc-chlorite-dolomite H5 5 | | | | Magnesite H6 6 | | | | Host mafic H7 27 | | | | Intrusive rocks ID 8 | | | |
|-------------------------|----------------------|-----|-----|----|-----------------------------------|-----|-----|----|----------------------|-----|-----|----|------------------------|-----|-----|----|----------------------------|-----|-----|----|
| | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd |
| | Wt. % | | | | | | | | | | | | | | | | | | | |
| Carbonate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Dolomite | 92 | 50 | 69 | 14 | 92 | 50 | 69 | 14 | 50 | 0 | 30 | 14 | 10 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Calcite | 10 | 0 | 1 | 2 | 10 | 0 | 1 | 3 | 20 | 0 | 5 | 8 | 0 | 0 | 0 | 0 | 10 | 0 | 2 | 4 |
| Magnesite | 45 | 0 | 6 | 11 | 45 | 0 | 7 | 11 | 10 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Quartz | 25 | 0 | 8 | 8 | 40 | 0 | 9 | 10 | 40 | 0 | 10 | 12 | 20 | 0 | 3 | 5 | 3 | 0 | 0 | 1 |
| K-feldspar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Albite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 29 | 14 | 55 | 2 | 26 | 18 |
| Epidote | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 1 | 3 | 30 | 0 | 11 | 10 | 45 | 0 | 19 | 15 |
| Amphibole | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 1 | 65 | 0 | 25 | 16 | 60 | 15 | 36 | 14 |
| Chlorite | 20 | 0 | 6 | 7 | 20 | 0 | 4 | 5 | 35 | 0 | 18 | 12 | 30 | 0 | 13 | 9 | 20 | 0 | 5 | 6 |
| Serpentine | 10 | 0 | 1 | 3 | 10 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Talc | 25 | 0 | 5 | 8 | 25 | 0 | 7 | 8 | 70 | 0 | 24 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Biotite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 7 | 8 | 35 | 0 | 5 | 11 |
| Muscovite | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 10 | 0 | 2 | 3 | 10 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Tourmaline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 1 | 3 | 10 | 0 | 2 | 3 | 2 | 0 | 0 | 1 |
| Clinopyroxene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apatite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Leucocoxene | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 1 | 2 | 5 | 0 | 2 | 2 | 5 | 0 | 3 | 2 |
| Magnetite | 10 | 0 | 1 | 2 | 10 | 0 | 1 | 2 | 8 | 0 | 2 | 3 | 10 | 0 | 4 | 4 | 8 | 0 | 3 | 3 |
| Hematite | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Pyrite | 8 | 0 | 3 | 3 | 8 | 0 | 2 | 3 | 8 | 0 | 5 | 3 | 15 | 0 | 3 | 3 | 8 | 0 | 3 | 3 |
| Chalcopyrite | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Unit Code Samples | Mega ramp schist MR 176 | | | | Mega ramp muscovite schist MRU 4 | | | | Western Wall banded schist/albite (var) W1 26 | | | | Granitoid (coarse-grained albite) W2 5 | | | | Western mafics W3 6 | | | |
|-------------------------|-------------------------------|-----|-----|----|--|-----|-----|----|---|-----|-----|----|--|-----|-----|----|---------------------------|-----|-----|----|
| | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd |
| | Wt. % | | | | | | | | | | | | | | | | | | | |
| Carbonate | 10 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 10 | 0 | 1 | 3 | 5 | 0 | 2 | 3 | 5 | 0 | 2 | 3 |
| Dolomite | 30 | 0 | 9 | 10 | 15 | 0 | 4 | 8 | 15 | 0 | 3 | 5 | 20 | 0 | 7 | 8 | 0 | 0 | 0 | 0 |
| Calcite | 10 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 10 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 5 | 0 | 2 | 3 |
| Magnesite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Quartz | 65 | 10 | 32 | 17 | 20 | 0 | 11 | 9 | 10 | 0 | 1 | 3 | 40 | 0 | 11 | 15 | 40 | 0 | 7 | 16 |
| K-feldspar | 5 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 2 |
| Albite | 60 | 10 | 38 | 14 | 30 | 15 | 23 | 6 | 95 | 50 | 73 | 15 | 90 | 50 | 73 | 15 | 55 | 0 | 31 | 19 |
| Epidote | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 20 | 0 | 8 | 8 |
| Amphibole | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 5 | 10 | 5 | 0 | 1 | 2 | 40 | 0 | 20 | 17 |
| Chlorite | 35 | 1 | 9 | 8 | 25 | 0 | 15 | 11 | 20 | 0 | 6 | 7 | 5 | 0 | 2 | 3 | 40 | 5 | 20 | 15 |
| Serpentine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Talc | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Biotite | 5 | 0 | 0 | 1 | 20 | 0 | 8 | 10 | 10 | 0 | 2 | 4 | 3 | 0 | 1 | 1 | 10 | 0 | 3 | 4 |
| Muscovite | 10 | 0 | 4 | 3 | 50 | 20 | 38 | 15 | 10 | 0 | 3 | 4 | 5 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Tourmaline | 15 | 0 | 4 | 5 | 1 | 0 | 0 | 0 | 8 | 0 | 2 | 3 | 5 | 0 | 2 | 3 | 0 | 0 | 0 | 0 |
| Clinopyroxene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apatite | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Leucocoxene | 2 | 0 | 0 | 1 | 5 | 0 | 2 | 2 | 8 | 0 | 2 | 2 | 3 | 0 | 1 | 1 | 5 | 0 | 2 | 2 |
| Magnetite | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 10 | 0 | 2 | 4 |
| Hematite | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 1 | 8 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| Pyrite | 5 | 0 | 2 | 2 | 5 | 0 | 3 | 3 | 5 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 10 | 0 | 3 | 4 |
| Chalcopyrite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Unit Code Samples | Siliceous zones W4 | | | | Quartz-amphibole rocks W5 | | | | Mylonites Y | | | | Breccia (low quartz) Yb | | | | Quartz breccia YbQ | | | |
|-------------------------|-----------------------|-----|-----|----|------------------------------|-----|-----|----|----------------|-----|-----|----|----------------------------|-----|-----|----|-----------------------|-----|-----|----|
| | 9 | | | | 5 | | | | 18 | | | | 10 | | | | 8 | | | |
| | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd |
| Carbonate | 5 | 0 | 1 | 2 | 5 | 0 | 1 | 2 | 50 | 0 | 3 | 12 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 |
| Dolomite | 10 | 0 | 3 | 5 | 0 | 0 | 0 | 0 | 40 | 0 | 9 | 13 | 75 | 0 | 27 | 37 | 30 | 0 | 6 | 11 |
| Calcite | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 40 | 0 | 5 | 10 | 0 | 0 | 0 | 0 | 20 | 0 | 3 | 7 |
| Magnesite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 7 | 16 | 0 | 0 | 0 | 0 |
| Quartz | 95 | 70 | 77 | 9 | 40 | 0 | 25 | 17 | 40 | 0 | 9 | 13 | 10 | 0 | 2 | 4 | 65 | 20 | 38 | 19 |
| K-feldspar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Albite | 20 | 0 | 4 | 7 | 5 | 0 | 1 | 2 | 30 | 0 | 9 | 10 | 5 | 0 | 1 | 2 | 40 | 0 | 16 | 15 |
| Epidote | 0 | 0 | 0 | 0 | 50 | 0 | 14 | 21 | 35 | 0 | 3 | 9 | 65 | 0 | 14 | 29 | 20 | 0 | 3 | 7 |
| Amphibole | 15 | 0 | 2 | 6 | 55 | 0 | 30 | 22 | 70 | 0 | 16 | 24 | 40 | 0 | 19 | 19 | 5 | 0 | 1 | 2 |
| Chlorite | 20 | 0 | 5 | 7 | 40 | 0 | 9 | 17 | 40 | 0 | 18 | 11 | 40 | 0 | 15 | 21 | 60 | 0 | 20 | 21 |
| Serpentine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Talc | 5 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 70 | 0 | 17 | 22 | 10 | 0 | 3 | 4 | 5 | 0 | 1 | 2 |
| Biotite | 2 | 0 | 0 | 1 | 5 | 0 | 1 | 2 | 25 | 0 | 5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Muscovite | 5 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 4 | 4 |
| Tourmaline | 15 | 0 | 4 | 6 | 4 | 0 | 1 | 2 | 10 | 0 | 1 | 3 | 10 | 0 | 2 | 4 | 5 | 0 | 2 | 2 |
| Clinopyroxene | 0 | 0 | 0 | 0 | 60 | 0 | 12 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apatite | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 10 | 0 | 2 | 4 | 0 | 0 | 0 | 0 |
| Leucosene | 1 | 0 | 0 | 0 | 5 | 1 | 2 | 2 | 5 | 0 | 1 | 2 | 5 | 0 | 1 | 2 | 5 | 0 | 2 | 2 |
| Magnetite | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 5 | 0 | 1 | 2 | 8 | 0 | 2 | 4 | 2 | 0 | 0 | 1 |
| Hematite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 25 | 0 | 4 | 9 |
| Pyrite | 8 | 0 | 3 | 3 | 8 | 0 | 4 | 3 | 10 | 0 | 4 | 3 | 10 | 0 | 6 | 4 | 9 | 0 | 5 | 3 |
| Chalcopyrite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

| Unit Code samples | Veins—carbonate Vn | | | | Veins—mineralised Vz | | | | Veins—quartz Vq | | | | Oonah OO | | | | | | | |
|-------------------------|-----------------------|-----|-----|----|-------------------------|-----|-----|----|--------------------|-----|-----|----|-------------|-----|-----|----|--|--|--|--|
| | 7 | | | | 7 | | | | 1 | | | | 1 | | | | | | | |
| | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | max | min | ave | sd | | | | |
| Carbonate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 0 | | | | |
| Dolomite | 95 | 0 | 21 | 34 | 55 | 0 | 14 | 20 | 15 | | | | | | | 0 | | | | |
| Calcite | 60 | 0 | 27 | 27 | 15 | 0 | 5 | 6 | 10 | | | | | | | 0 | | | | |
| Magnesite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 0 | | | | |
| Quartz | 5 | 0 | 1 | 2 | 5 | 0 | 1 | 2 | 10 | | | | | | | 85 | | | | |
| K-feldspar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 0 | | | | |
| Albite | 60 | 0 | 21 | 23 | 60 | 0 | 30 | 23 | 20 | | | | | | | 0 | | | | |
| Epidote | 0 | 0 | 0 | 0 | 10 | 0 | 1 | 4 | 0 | | | | | | | 0 | | | | |
| Amphibole | 10 | 0 | 2 | 4 | 40 | 0 | 7 | 15 | 0 | | | | | | | 0 | | | | |
| Chlorite | 30 | 0 | 15 | 10 | 15 | 0 | 6 | 6 | 35 | | | | | | | 5 | | | | |
| Serpentine | 5 | 0 | 1 | 2 | 30 | 0 | 4 | 11 | 0 | | | | | | | 0 | | | | |
| Talc | 30 | 0 | 11 | 14 | 25 | 0 | 8 | 11 | 0 | | | | | | | 0 | | | | |
| Biotite | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 5 | | | | | | | 0 | | | | |
| Muscovite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 10 | | | | |
| Tourmaline | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | | | | | 1 | | | | |
| Clinopyroxene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 0 | | | | |
| Apatite | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 0 | | | | |
| Leucosene | 1 | 0 | 0 | 0 | 5 | 0 | 1 | 2 | 2 | | | | | | | 2 | | | | |
| Magnetite | 5 | 0 | 1 | 2 | 10 | 0 | 4 | 5 | 2 | | | | | | | 0 | | | | |
| Hematite | 0 | 0 | 0 | 0 | 20 | 0 | 6 | 10 | 0 | | | | | | | 0 | | | | |
| Pyrite | 5 | 0 | 1 | 2 | 50 | 0 | 10 | 18 | 2 | | | | | | | 0 | | | | |
| Chalcopyrite | 0 | 0 | 0 | 0 | 10 | 0 | 1 | 4 | 0 | | | | | | | 0 | | | | |

