



TANAMI GOLD NL 2003 ANNUAL REPORT

BHP Billiton / Teck Cominco ROCKCHIP GEOLOGY

MT CHAPMAN
EL 10302

| Traverse | AMG(84) Easting | Zone 53 Northing | Rock | Qualifier | Mag Sus | Comments |
|----------|--------------------|---------------------|------|-----------|---------|---|
| AM1 | 486186 | 7410312 | CASI | MT | 20 | Diopside rich, ferruginous, slightly gossaneous. Up to 2000 SI |
| AM1 | 486255 | 7410220 | CLSC | | 20 | Mixed sequence of felsic AMPH, qtz<fspar rock, knotted fspar<biotite qtz schist to SE |
| AM1 | 486859 | 7409431 | QSSC | MT | 550 | Ferruginous qtz<fspar<ser<bio schist with Mn staining |
| AM1 | 486899 | 7409428 | CASI | MT | 700 | Diopside CASI marble. Up to 4000 SI. ~5m thick |
| AM1 | 487015 | 7409263 | QTMT | | 2000 | Iron formation. Up to 4000 SI. Interlayered with non mag CASI marble and epidote rich calc metasediment |
| AM1 | 487057 | 7409220 | QTMT | GA | 1500 | Massive. Interlayered with CASI and QZIT |
| AM1 | 487173 | 7409130 | CASI | MT | 5000 | Interlayered with epidote banded CASI |
| AM1 | 486965 | 7408671 | QTMT | LA | 30000 | Up to 60000 SI. Interlayered with epidote CASI |
| AM2 | 485009 | 7408252 | MTGA | EP | 5000 | QV stockwork. |
| AM2 | 484888 | 7408349 | QZIT | EP | 20 | Fe stained. 020/vertical. Sericite<andalusite?<qtz schist to east. Felsic rock with ep alteration. |
| AM2 | 484867 | 7408379 | QSSC | MT | 2000 | Fe stained, Al silicate, crenulated to knotty texture. Up to 3000 SI. Some BIF float and scree |
| AM2 | 484770 | 7408435 | CASI | MA | 2000 | Magnetic. Thin unit of epidote 'qtzite' and dark green AMPH rock |
| AM2 | 484416 | 7408687 | CASI | MA | 1000 | Thin sequence |
| AM2 | 484416 | 7408687 | BIFM | | 5000 | |
| AM2 | 484147 | 7409085 | AMPH | FE | 20 | Some interlayered MARB and QSSC |
| AM2 | 483559 | 7409822 | ROCK | EP | 20 | Qtz<epidote rock with qtz stockwork in sequence of QFSC |
| AM2 | 483552 | 7409846 | BIFM | | 3000 | Mainly float and scree |
| AM2 | 485752 | 7409112 | ROCK | MT | 7000 | Fine grained, laminated mt<qtz<ep rock, sericite |
| AM2 | 485779 | 7409092 | QSSC | CL | 700 | Adjacent to blocky epidote qtzite |
| AM2 | 484790 | 7410068 | ROCK | GO | 20 | Sample from spoil heap at old Cu<Au workings |
| AM2 | 485158 | 7408170 | CASI | | 20 | |
| AM1 | 486107 | 7410431 | QFSC | FO | | Strongly foliated. 180/60W |
| AM1 | 486146 | 7410389 | MARB | MT | | Slightly sandy, coarse grained dark brown. Up to 900 SI |
| AM1 | 486165 | 7410325 | MARB | MT | | Calc-silicate marble. Coarse grained. Up to 2000 SI |
| AM1 | 486219 | 7410280 | QFGN | MA | | Blocky, massive texture |
| AM1 | 486273 | 7410167 | CASI | | | Fspar rich. Fragmental texture in places. 045/60W |
| AM1 | 486445 | 7409955 | QFSC | | | Micaceous. Some fspar pblasts. Interlayeres of AMPH, 2-5m thick |
| AM1 | 486455 | 7409937 | QZIT | MA | | Fspathic. Qtz veins parallel to foliation. Weakly epidotised |
| AM1 | 486849 | 7409513 | AMPH | | | Interlayered AMPH and qtz-fspar-mus schist |
| AM1 | 486937 | 7409390 | CASI | EP | | Qtz-fspar rich CASI |
| AM1 | 487300 | 7408803 | ROCK | EP | | Epidote-qtz-mt rock interlayered with boudinaged massive felsic rock. QV stockwork |
| AM1 | 487395 | 7408663 | AMPH | | | |
| AM1 | 486608 | 7409171 | QFGN | | | Qtz phenocrysts. Granitic appearance |
| AM2 | 485069 | 7408121 | QZIT | MA | | Massive, buff coloured fspathic quartzite. Minor epidote alteration |
| AM2 | 485372 | 7408047 | QFSC | | | Flat lying. Fold closure to south. CASI to south |
| AM2 | 484657 | 7408493 | QSSC | CL | | Slightly Fe |
| AM2 | 484480 | 7408629 | QFGN | SE | | Interlayered with AMPH. 090/vertical |
| AM2 | 484310 | 7408785 | MARB | | | Clean calc-silicate. Minor felsic schist |
| AM2 | 484266 | 7408833 | AMPH | MT | | Coarse grained fspar-amph rock. Up to 800 SI |
| AM2 | 483984 | 7409214 | AMPH | FE | | Massive, blocky |
| AM2 | 483882 | 7409325 | QFSC | | | Fine grained felsic schist |
| AM2 | 483660 | 7409679 | QSSC | | | 045/70W |
| AM2 | 485320 | 7409663 | MARB | CS | | Well banded. Occasionally fragmental |
| AM2 | 485361 | 7409635 | MARB | | | Clean'. Up to 200 SI locally |
| AM2 | 485371 | 7409561 | MARB | MT | | Relatively 'clean'. Moderately magnetic. Up to 600 SI |
| AM2 | 485441 | 7409514 | MARB | MT | | Dirty' diopside and mt-bearing calc-silicate marble. Up to 6000 SI |
| AM2 | 485158 | 7408698 | CASI | MT | | Very magnetite rich calc silicate |

Rock Codes

| | |
|------|------------------------|
| AMPH | Amphibolite |
| BIFM | Banded Iron Formation |
| CASI | Calc Silicate Rock |
| CLSC | Chlorite Schist |
| MARB | Marble |
| MTGA | Magnetite Garnet Rock |
| QFGN | Quartz Feldspar Gneiss |
| QFSC | Quartz Feldspar Schist |
| QSSC | Quartz Sericite Schist |
| QTMT | Quartz Magnetite Rock |
| QZIT | Quartzite |
| ROCK | Unspecified Rock |

Qualifier Codes

| | |
|----|-----------------------|
| CL | Chloritic |
| CS | Calc Silicate-bearing |
| EP | Epidote-bearing |
| FE | Ferruginous |
| FO | Foliated |
| GA | Garnetiferous |
| GO | Gossaneous |
| LA | Laminated |
| MA | Massive |
| MT | Magnetite-bearing |
| SE | Sericitic |