

| Hole | AMG East | AMG North | AMG Zone | Locality | State | Tenement | Program | Project | Hole Type | Inclination | Azimuth | Hole Depth | Basement Depth | Water Depth |
|-----------|----------|-----------|----------|------------|-------|----------|-------------------|------------|-----------|-------------|---------|------------|----------------|-------------|
| BDRC04001 | 372775 | 7417450 | 53 AGD66 | Beaver Dam | NT | 22631 | Andrew Young East | Beaver Dam | RC | 90 | | 202 | 41 | 155, 195 |

| Oxidation Depth | Basement Age | Basement Lith | Drilling Company | Drill Rig Type | Date Started | Date Finished | Logged By | Comments |
|-----------------|--------------|----------------------|------------------|----------------|--------------|---------------|-----------|----------|
| 66 | PROT | ANDREW YOUNG COMPLEX | GRIMDAVIES | RC | 14.03.04 | 15.03.04 | P GREGORY | |

| Hole | From | To | Comments | Comments |
|----------|------|-----|---------------------------------------|---|
| BDR04001 | 0 | 1 | Sand | Overburden |
| BDR04001 | 1 | 4 | Ferruginous clayey grits | |
| BDR04001 | 4 | 6 | Lateritic hard cap | |
| BDR04001 | 6 | 8 | Clayey grits | |
| BDR04001 | 8 | 20 | Gritty clay, ferruginous bands | Limonitic to haematitic hard bands |
| BDR04001 | 20 | 24 | Lateritic hard cap | Pisolitic in part |
| BDR04001 | 24 | 40 | Ferruginous clay | |
| BDR04001 | 40 | 41 | Clayey gravel | |
| BDR04001 | 41 | 66 | Clay weathered granodiorite | Andrew Young Complex |
| BDR04001 | 66 | 202 | Biotite-garnet-magnetite granodiorite | Bands, veins, patches of magnetite alteration with some associated silica, especially 116-136m, 152-160m. Pink garnet locally to 15%. |

| MINERAL | | | | | ROCK TYPE | | | | | ROCK QUALIFIER / TEXTURE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|----|-----------------------|----|-----------------------|-----------|-------------------------|------|---------------------|------|--------------------------|------|------------------|------|-----------------------|--------|--------------------------|----|---------------------|----|----------------------|----|--|--|--|----------------|--|--|--|--|------------|--|--|--|--|---------------|--|--|--|--|
| actinolite | AC | galena | GL | rutile | RU | acid rock | ACID | gossan brec | GBBX | pebbles u- | PEBB | talc schist | TASC | acid | AC | ferruginous | FE | meta- | MT | trachytic | TC | | | | | | | | | | | | | | | | | | |
| albite/albitisation | AB | gamet | GA | scapolite | SC | acid volcanic | ACVL | granite | GRAN | pebbly snst | PBSN | tektonic brec | TEBX | aeolian | AE | fine - med bands (<1cr | <B | micaceous | MI | tuffaceous, shardy | TF | | | | | | | | | | | | | | | | | | |
| almandine | AM | ga adj to vns | VG | scheelite | SH | adamellite | ADAM | granodiorite | GRDR | pegmatite | PEGM | tillite | TILL | albitised, albitic | AB | fine -med size | +F | microfaulted | <F | ultrabasic | UB | | | | | | | | | | | | | | | | | | |
| amphibole | AX | gamet bands | GB | sericite | SR | albite-mag rock | ABMA | granofels | GRFL | pelite | PELT | tonalite | TONL | alkali | AL | flaggy | FY | microveined (<2mr | <V | ultramafic | UM | | | | | | | | | | | | | | | | | | |
| andalusite | AA | glauconite | GN | serpentine | SE | albitite | ALBT | granophyre | GRPH | peridotite | PERD | tourmalinite | TOUR | altered | AA | flame textures | IF | igmatic | MM | unconsolidated | U- | | | | | | | | | | | | | | | | | | |
| anhydrite | AH | glaucofane | GC | siderite | SD | alluvium | ALUV | granulite | GRLT | phyllite | PHYL | trachy-andesite | TCAN | amgdaloidal | AM | flow banded | FB | mineralised | MX | uniform | UF | | | | | | | | | | | | | | | | | | |
| ankerite | AK | goethite | GO | siliceous alt | SS | amphibolite | AMFB | graphitic schs | GISC | pisolite | PISL | trachyte | TRAC | andesitic | AN | fluvial | FU | mylonitic | MY | unmetamorphosed | UN | | | | | | | | | | | | | | | | | | |
| anorthite | AN | gold | AU | sillimanite | SI | andeste | ANDS | gravel | GRAV | porphyry | PORP | transported latr | TRLT | angular unconf | <A | fluvio-glacial | FV | oolitic | OO | vein | V- | | | | | | | | | | | | | | | | | | |
| anorthoclase | AF | graphite | GR | specular hematite | HS | anorthosite | ANOR | greenschist | GRSC | psam + bisc, IB | BIAS | tuff | TUFF | arkosic | AK | folded | FT | matrix supported | OS | vein breccia | VB | | | | | | | | | | | | | | | | | | |
| apatite | AT | gypsum | GY | sphalerite | SP | arenite | AREN | greisen | GRES | psammite | PSAM | ultramafic | ULMF | banded | BN | folded, gentle | FG | ortho- | OR | veined | VN | | | | | | | | | | | | | | | | | | |
| arsenopyrite | AS | halite | HA | sphene | SN | arkose | ARKS | greywacke | GRWC | psammitic schist | ASSC | uncon over | UCOB | basaltic | BS | foliated | FO | oxidized | OX | vesicular | VS | | | | | | | | | | | | | | | | | | |
| bands of magnetite | MB | hornblende | HB | spinel | SL | BIFF | BIFF | grit | GRIT | psammopelite | PSPE | unknown rock | UNRK | basic | BA | footwall | FW | pebbly | BP | volcanic | VL | | | | | | | | | | | | | | | | | | |
| barite | BA | hydrozincite | HZ | staurolite | ST | basalt | BASL | gritstone | GTST | pyroclastic rock | PCRK | vein | VEIN | bedded | BD | fossiliferous | FS | pegmatitic | PG | volcaniclastic | VC | | | | | | | | | | | | | | | | | | |
| beryl | BE | illite | IL | stibnite | SB | basaltic tuff | BSTF | gypsum | GYPG | pyroxenite | PYRX | void | VOID | BIF associated | BF | fracture zone, fractured | FR | pelitic | PE | vuggy | VG | | | | | | | | | | | | | | | | | | |
| biotite | BI | ilmenite | IM | sulphates | SA | basic rock | BASC | hardpan | HARD | qz-albite rock | QALB | volcanic | VOLC | bituminous | BT | friable | IA | phyllitic | PH | xenolithic | XE | | | | | | | | | | | | | | | | | | |
| biotite-hornblende | BH | iron oxides | FE | sulphides | S= | basic volcanic | BAVL | hornfels | HORN | qz-arenite | QZAS | volcanic agglom | VLAG | bleached | BL | gabbroic | GB | pillowed | PW | | | | | | | | | | | | | | | | | | | | |
| bleaching | BL | K-feldspar/microclin | KM | sulphides (oxidized) | SX | BIF, calcic | CABF | igneous | IGNS | qz-carbonate | QZCB | volcanic conglom | VLGC | botryoidal | BO | garnetiferous | GA | pisolitic | PI | | | | | | | | | | | | | | | | | | | | |
| Blue qz | QB | K-feldspar/orthoclase | KF | talc | TA | bi-qz schist | BSXX | ignimbrite | IGNM | qz-epidote | QZEP | volcaniclastic | VLCT | boudinaged | BJ | glacial | GC | plutonic | PT | | | | | | | | | | | | | | | | | | | | |
| bornite | BO | kaolinite | KA | talc-carbonate | TC | biotite gneiss | BIGN | intrusive | INTR | qz-feldspar porp | QFPP | wacke | WACK | brecciated | BX | glassy | GS | porous | PU | | | | | | | | | | | | | | | | | | | | |
| calc-silicate | CA | kyanite | KY | tourmaline | TO | biotite schist | BISC | ironstone | IRON | qz-magnetite BIF | QMBF | | | calcareous | CA | gneissic | GN | porphyritic | PP | angular unconf | <A | | | | | | | | | | | | | | | | | | |
| calcite | CB | leucocratic c- | LC | tremolite | TR | black shale | BLSH | jaspilite | JASP | qz basalt | QZBS | | | carbonaceous | CS | goethitic | GE | porphyroblastic | PB | axial plane | AY | | | | | | | | | | | | | | | | | | |
| carbonate | CB | leucoxene | LE | unknown | UN | breccia | BREC | kimberlite | KIMB | qz diorite | QZDR | | | cataclastic | CX | gossanous | GG | possible | ?? | banded sulphides | B= | | | | | | | | | | | | | | | | | | |
| cassiterite | CT | limonite | LI | uraninite | UR | calc-silicate | CASI | lag | LAGS | qz gabbro | QZGB | | | cavernous | CV | graded bedding | GD | potassic | K+ | bn, compositional | CB | | | | | | | | | | | | | | | | | | |
| cerussite | CE | lithic fragments | LF | uranium minerals | UX | calcareous soil | CASO | laterite | LATR | qz monzonite | QZMZ | | | cemented | CE | granitic | GR | psammitic | PS | bn, metamorphic | MB | | | | | | | | | | | | | | | | | | |
| chalcedony | QY | mafic minerals | MF | vermiculite | VM | calcrete | CALC | latr cap, hard | LRCH | qz porphyry | QZPP | | | Chaledonic | CW | granoblastic | GX | psammo-pelitic | PZ | bedding | BD | | | | | | | | | | | | | | | | | | |
| chalcoite | CC | maghemite | MH | white mica | WM | Cs siltst | CSSI | latr cap, soft | LRCS | qz vein | QZVN | | | cherty | CH | granophyric | GO | pseudobreccia | PX | breccia | BX | | | | | | | | | | | | | | | | | | |
| chalcopyrite | CP | magnetite | MG | zincite | ZC | cb-mafic alt | MFCA | latr mottled zone | LRMO | qz, massive | QZMS | | | chilled margin | CM | granulose, granular | GL | pyritic | PY | breccia zone | BZ | | | | | | | | | | | | | | | | | | |
| chert | CH | magnetite | MA | zircon | ZI | cb rock | CARB | latr pallid zone | LRPL | quartzite | QZIT | | | BIF type unit | BF | clastic | CL | pyroclastic | PC | cleavage | KV | | | | | | | | | | | | | | | | | | |
| chiastolite | IA | malachite | ML | | | cb veins/alt | CAAA | limestone | LIST | redox front | REDX | | | comment | CC | clayey / clay size | CY | graphitic | GI | pyrrhotitic | PO | | | | | | | | | | | | | | | | | | |
| chlorite | CL | manganese | MN | | | cavity | CVTY | lost core | LOST | residual latr | RLST | | | Contact | C- | close structured | CS | gravely | GV | qz-fd porphyritic | QF | | | | | | | | | | | | | | | | | | |
| chloritized mafics | MC | mang carbonate | MY | alteration rims | H | chert | CHER | lower saprolite | LWSP | rhodacite | RYDC | | | contact zone 1 | C1 | coarse bands (>1cm) | >B | gritty | GT | qz porphyritic | PQ | | | | | | | | | | | | | | | | | | |
| chloritized olivine | OC | marcasite | MR | blebs | B | cherty qzite | QZCH | mafic alt | MFAA | rhylite | RHYL | | | continuation | XX | coarse - pebble size | +C | hanging wall | HW | quartzitic, quartzos | QZ | | | | | | | | | | | | | | | | | | |
| chloritoid | CD | mica | MI | boxwork | W | chlorite schs | CLSC | mafic arenite | MFAS | rock | ROCK | | | depth to water | DW | colloform | CF | hematitic | HE | rare trace | <- | | | | | | | | | | | | | | | | | | |
| chrysocolla | CK | Mn-garnet | SG | breccia, matrix | X | chromitite | CHRM | mafic rock | MFRK | sand | SAND | | | dissem oxide zone | DX | composite | CJ | homogeneous | HT | recrystallized | RR | | | | | | | | | | | | | | | | | | |
| clay | CY | Mn oxides | MX | cavity fill, vughs | A | clay | CLAY | mafic volcanic | MFVL | sandstone | SNST | | | dissem sulphide zone | DS | conglomeratic | CG | homogeneous | HO | red rock(HE + AB) | RX | | | | | | | | | | | | | | | | | | |
| clinopyroxene | CX | Mn silicates | MS | clasts | C | clay zone | CLZN | magnetite | MAGN | sandy sist | SNSI | | | Dyke | D- | crenulated | CR | hornfelsic | HF | relict | RL | | | | | | | | | | | | | | | | | | |
| clinozoisite | CZ | molybdenite | MO | coatings | E | claystone | CYST | magnetite-mafic alt | MFMA | saprock | SPRK | | | fault zone | FZ | crystalline | XL | igneous | IG | replaced | RP | | | | | | | | | | | | | | | | | | |
| copper | CU | monazite | MZ | crystal clusters | R | clinopyroxenite | CLPX | marble | MARB | saprolite | SAPR | | | faults 1 | F1 | dacitic | DC | indurated | ID | retrogressed | RE | | | | | | | | | | | | | | | | | | |
| cordierite | CO | muscovite | MU | crystalline | T | conglomerate | CONG | marl | MARL | schist | SCHS | | | footwall | FW | deformed | DE | inequigranular | IQ | reworked | RW | | | | | | | | | | | | | | | | | | |
| corundum | CM | olivine | OL | disseminations | D | dacite | DACT | massive sulphides | MSS= | sediment | SEDM | | | fracture zone | FR | dioritic | DR | interbedded | IB | rhylitic | RY | | | | | | | | | | | | | | | | | | |
| covellite | CV | opagues | OQ | euhedral crystals | U | diorite | DIOR | metasediment | MTSD | semi-mss= | SMS= | | | hanging wall | HW | dirty | DT | intermediate | IT | sandy | SA | | | | | | | | | | | | | | | | | | |
| cuprite | CI | orthopyroxene | OR | eyes, augen | I | dolarenite | DOAS | metavolcanic | MTVL | serpentinite | SERP | | | major alteration zone | AA | disrupted | DP | interstitial | IS | schistose | SC | | | | | | | | | | | | | | | | | | |
| diffuse carb vnits | DT | oxides | OX | fracture coatings | F | dolerite | DOLR | mica schist | MISC | shale | SHAL | | | marker bed 1 | B1 | dissem ma | DM | intrusive | IN | sericitic | SR | | | | | | | | | | | | | | | | | | |
| diopside | DI | pentlandite | PN | gouge | G | dolomite | DOLM | mi qz aren | MAQA | silcrete | SILC | | | massive suphide zone | M= | doleritic | DL | irregular | IR | shaly | SH | | | | | | | | | | | | | | | | | | |
| dissem garnet | DG | plagioclase | PF | interstitial, cement | J | do breccia | DOBX | migmatite | MIGM | siliceous altn zone | SLAZ | | | massive vein | MV | do | DO | kaolinitic | KA | sheared | S= | | | | | | | | | | | | | | | | | | |
| dissem magnetite | DM | platinoids | PL | laminations | L | do limestone | DOLS | mill rock | MILL | silicified list | SFLI | | | overburden | OB | drag folded | DF | laminated | LM | siliceous | SS | | | | | | | | | | | | | | | | | | |
| dissem oxides | DX | pyrite | PY | macro-veins | > | do shale | DOSH | monzonite | MONZ | silicified sist | SFSI | | | petrology | PP | dyke | DY | lateritic | LR | siliceous altn | QA | | | | | | | | | | | | | | | | | | |
| dissem sulphides | DS | pyrobole | PR | massive | M | do sist | DOSI | mottled zone | MTZN | silicified rock | SFRK | | | Prot basement | BS | epiclastic | EP | layered | LY | silicified | SF | | | | | | | | | | | | | | | | | | |
| dolomite | DO | pyromorphite | PM | matrix | Y | evaporite | EVAP | mud uncon | MUDD | silty snst | SILI | | | seam | E- | equivgranular | EQ | leached | LH | sill | I- | | | | | | | | | | | | | | | | | | |
| earthy hematite | HE | pyroxene | PX | micro-veins | < | fault gouge | FAGO | mudstone | MDST | si-mu-ga schist | SHMU | | | shear zone | S- | evaporitic | EV | lensoid, lenticular | LN | silty/silt size | SI | | | | | | | | | | | | | | | | | | |
| epidote | EP | pyrrhotite | PO | nodules, pistolites | N | fault zone | FAZN | mu-bi-qz-schist | SHXX | silt, uncon | SILT | | | stringer min | ST | fault breccia | FZ | leuco | LU | spheulitic | SO | | | | | | | | | | | | | | | | | | |
| epidote-chlorite | EC | qz | QZ | patches (as in quilts | P | felspar porp | FDPP | mu schist | MUSC | siltstone | SIST | | | sulphides | S= | fault zone, fault | FX | lineation/lineated | LD | spinfex | XF | | | | | | | | | | | | | | | | | | |
| felspar | FD | qz-carbonate | QC | pervasive | P | ferricrete | FERC | norite | NORT | Silty snst | SISN | | | Unconformity | UN | faulted | F- | lithic | LI | spotty, spotted | SP | | | | | | | | | | | | | | | | | | |
| fibrous Ax | FX | qz-epidote | QE | pseudomorphs | # | ferrug zone | FEZN | olivine gabbro | OLGB | skarn | SKAR | | | vein | VN | FD porphyritic | PF | macrofaulted | >F | stressed | SE | | | | | | | | | | | | | | | | | | |
| fibrous Px | FY | qz-pyrite-calcite | QP | selvages | S | gabbro | GABR | orthogneiss | ORGN | slate | SLAT | | | FD, cream-white | WF | macroveined (>2mm) | >V | sub-volcanic | SV | unconformity | <U | | | | | | | | | | | | | | | | | | |
| fluorite | FL | qz-sericite | QS | spots | O | gabbro | GABR | orthogneiss | ORGN | slate | SLAT | | | FD, green-grey | GF | mafic | MF | sugary | SG | upper contact | UO | | | | | | | | | | | | | | | | | | |
| forsterite | FO | qz-tourmaline | QT | stockwork | K | garnet qzite | GAQZ | overburden | OVER | stringer mx | MSST | | | FD, pink-orange | OF | ma-bearing | MA | sulphidic | S= | vein | VN | | | | | | | | | | | | | | | | | | |
| fuchsite | FU | qz crystals | QX | unsure | ? | gneiss | GNES | paragneiss | PAGN | syenite | SYEN | | | feldspathic | FD | massive | MS | texturally altered | TX | vein breccia | VB | | | | | | | | | | | | | | | | | | |
| gahnite | GH | qz vein | QV | veins | V | gossan | GOSS | pebble cong | PBCG | talc-cb rock | TACB | | | felsic | FC | med to gravel size | +M | tholeiitic | TH | weak fo | WF | | | | | | | | | | | | | | | | | | |
| GRAIN SIZE | | | | | LIGHTNESS | | | | | HUE | | | | | AMOUNT | | | | | MINERALISATION MODE | | | | | VEIN QUALIFIER | | | | | ALTERATION | | | | | GEOL LOG TYPE | | | | |
| very fine-grained | < | darkest | 1 | aqua | Q | rare trace (<<1%) | < | amorphous | AO | dissem sulphides | DS | massive vein | MV | axial plane | AY | albitic alteration | AB | pervasive | PV | Alteration | AL | | | | | | | | | | | | | | | | | | |
| very cse-grained (>>1cm) | > | very dark | 2 | black | N | totally dominant (100%) | > | amgdaloidal | AM | drusy cavities | DV | microvein swarm | <I | boudinaged | BJ | banded | BN | red rock altn | RR | Comments | CC | | | | | | | | | | | | | | | | | | |
| clay/glass (<0.004mm) | 0 | dark | 3 | blue | B | <1% widespread trace | 1 | banded | BN | dyke | DY | microveined | | | | | | | | | | | | | | | | | | | | | | | | | | | |