

Assessment Report

on

2000

Percussion and Diamond Drilling

at

Mount Polley Mine
Cariboo Mining Division

N.T.S. 93A/12E
Latitude 52° 33' N
Longitude 121° 38' W

Owner:

Mount Polley Mining Corporation

Box 12

Likely, B.C.

VOL 1N0

Volume 4 – Drill Logs and Assay Certificates

Percussion – P00-*

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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Mine Geologist

March 15, 2001

26,509

4 of 5

DRILL LOGS



Drillhole Report

P00-1

| | | | | | |
|------------|-----------|-----------|--------|-------------|-----------|
| Zone | Southeast | Easting | 3432.2 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2157.3 | Logged By | V. Park |
| | | Elevation | 1100.4 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | | |
|------|------|------|--|------|------|--------|---------------|--------|--------|------|------------|---|---|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 15.0 | PPg | Plagioclase porphyry; monzonitic to dioritic; weakly feldspar phytic with phenocrysts <2mm - rarely larger; equigranular phases are also common; medium grey with green, grey and pink-grey sections; limonitic fractures with minor sub-mm pervasively stained envelopes - occasionally <1cm; all original textures are well preserved. | 0.0 | 6.0 | 68003 | 0.033 | 0.016 | 0.03 | 5.44 | 1 | | 4 | | tr |
| | | | Weak propylitic alteration dominates with alteration of very fine modal mafics to chlorite and increasingly common epidote as mm-scale clots; minor patchy K-alteration selectively affects some modal feldspar and intensifies to end of interval; some fragments contain equal amounts of K-spar and epidote (with associated magnetite); ubiquitous sericite is locally very strong; pervasive limonitic staining is stronger 6.0 - 13.5 m; selective clay alteration of >50% modal feldspar phenocrysts; rare hairline quartz veinlets and an overall effect of weak to moderate quartz flooding from 6.0 m. | 6.0 | 13.5 | 68004 | 0.042 | 0.010 | 0.04 | 5.24 | 1 | | 4 | tr | 1 |
| | | | Moderately to strongly magnetitic - fine magnetite as disseminated crystals <1/2mm and numerous mm0scale clots that appear associated with secondary quartz flooding and are occasionally intergrown with sulfides - increasing to end of interval. | 13.5 | 21.0 | 68005 | 0.042 | 0.006 | 0.04 | 5.14 | 1 | | 4 | | 3 |
| | | | <1% fresh, yellow pyrite lines fractures/ sub-mm stringers and is intergrown (along with <<1% chalcopyrite); pyrite also as mm-scale clots; trace oxidized dots of pyrite and magnetite. | 21.0 | 28.5 | 68006 | 0.066 | 0.010 | 0.05 | 5.52 | 2 | | 4 | | 2 |
| | | | Lower contact assigned where oxidized fractures are significantly less common. | 28.5 | 36.0 | 68007 | 0.078 | 0.009 | 0.07 | 5.52 | 2 | | 4 | tr | 5 |
| | | | Wet from surface. | 36.0 | 43.5 | 68008 | 0.072 | 0.011 | 0.05 | 5.40 | 1 | | 4 | | 4 |

| From | To | LITH | Lithology Description | Assay Results | | | | | | Alteration | | | | |
|------|------|------|--|---------------|----|--------|-------|--------|--------|------------|---|---|---|----|
| | | | | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp |
| 15.0 | 43.5 | PPg | <p>Plagioclase porphyry - barely; as above, tending more toward diorite than monzonite; non-crowded with occasional feldspar phenocrysts <4mm, but still dominantly equigranular...marginal phase; excellent textures throughout; dominantly grey with increasing green and pink hues - localized limonitic staining; rare limonitic fractures.</p> <p>All alterations increase to end of hole; propylitic alteration slightly stronger and increasing, with ubiquitous chlorite but with stronger and more pervasive epidote (that completely replaces <10% of fragments 21.0 - 36.0 m); K-alteration usually selectively affects some modal feldspar but is also strongest and more pervasive and widespread 21.0 - 36.0 m; selective clay-alteration of feldspar phenocrysts; oxidation along fractures; minor ubiquitous sericitization.</p> <p>Moderately magnetitic, with very fine magnetite disseminated throughout, although not associated with secondary quartz and less tightly associated with sulfides.</p> <p>2-5% fresh yellow pyrite as disseminated, interstitial mm-scale clots and wisps and as sub-mm fracture-fill (especially from 28.5 m); no visible chalcopyrite or copper oxides.</p> | | | | | | | | | | | |



Drillhole Report

P00-2

| | | | | | |
|------------|-----------|-----------|--------|-------------|-----------|
| Zone | Southeast | Easting | 3461.3 | Drilled By | Paramount |
| Length (m) | 21.0 | Northing | 2141.8 | Logged By | V. Park |
| | | Elevation | 1096.0 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| | | Lithology | | Assay Results | | | | | | Alteration | | | | | | |
|------|------|-----------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 0.0 | 15.0 | PPg | Plagioclase porphyry diorite; medium grey, fine grained groundmass with un crowded plagioclase phenocrysts <3-4mm; greenish hue with orange limonitic staining; original textures are discernible, but very slightly blurred. Propylitic alteration dominates, with abundant chlorite and epidote; weak, rare and localized selective K-alteration creates grainy, recrystallized appearance; rare feldspar stringers (clay altered). Strongly magnetitic - very fine disseminated crystals and clots, locally associated with quartz flooding - often oxidized. Trace pyrite, but several crusty limonitic fractures imply former pyrite. Strong and widespread pervasive limonitic staining; most fractures with earthy limonite after all Fe minerals. Lower contact assigned where degree of oxidation significantly decreases. Wet from surface. | 0.0 | 6.0 | 68009 | 0.064 | 0.025 | 0.06 | 5.76 | 0 | | 4 | | | tr |
| | | | | 6.0 | 13.5 | 68010 | 0.059 | 0.024 | 0.07 | 5.52 | 0 | | 4 | | tr | |
| | | | | 13.5 | 21.0 | 68011 | 0.057 | 0.022 | 0.11 | 5.18 | 1 | | 4 | | tr | |
| 15.0 | 21.0 | PPg | Plagioclase porphyry diorite, as 0.0 - 15.0 m, but without limonitic staining; occasional limonitic fractures; greenish fine-grained groundmass and sub-mm magnetite speckles create a weird leopard-spot texture; ubiquitous sericite; very weak patchy potassic alteration. <1% pyrite as subtle, sub-mm, slightly wispy interstitial clots, occasionally associated with magnetite; no copper minerals. | | | | | | | | | | | | | |



Drillhole Report

P00-3

| | | | | | |
|-------------------|-----------|------------------|-----------|-------------------|--------------------|
| Zone | Southeast | Easting | 3513.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2117.4 | Logged By | V. Park |
| | | Elevation | 1092.2 | Comments | All wet |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| | | Lithology | | Assay Results | | | | | | Alteration | | | | | |
|------|------|-----------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 20.0 | MZ | Monzonite to plagioclase porphyry monzonite (PPp) - possible breccia?; homolithic; mostly equigranular (1-2mm) with very rare slightly phyric plagioclase; excellent textures; strong pink hue overprinted with orange limonitic staining; one chip with augite crystals. Weak pervasive limonitic staining and common limonite-coated fractures; moderate to strong pervasive K-alteration affects most modal constituents - only biotite and some plagioclase are unaffected locally; minor chlorite and more epidote, especially from 13.0 m; some biotite and hornblende to chlorite and/or sericite; selective clay alteration of plagioclase phenocrysts. Disseminated magnetite throughout. Trace to 5% disseminated interstitial pyrite - increases to end of interval; rare chalcopyrite from 13.5 m. Wet from surface. | 0.0 | 6.0 | 68012 | 0.099 | 0.059 | 0.07 | 4.24 | 3 | | 4 | | tr |
| | | | | 6.0 | 13.5 | 68013 | 0.076 | 0.030 | 0.06 | 3.79 | 3 | | 3 | | 2 |
| | | | | 13.5 | 21.0 | 68014 | 0.087 | 0.021 | 0.08 | 3.85 | 3 | | 3 | tr | 5 |
| | | | | 21.0 | 28.5 | 68015 | 0.137 | 0.016 | 0.15 | 4.58 | 3 | | 4 | | 4 |
| | | | | 28.5 | 36.0 | 68016 | 0.137 | 0.011 | 0.15 | 4.54 | 3 | | 4 | | 5 |
| | | | | 36.0 | 43.5 | 68017 | 0.135 | 0.018 | 0.15 | 4.65 | 3 | | 4 | | 5 |
| 20.0 | 43.5 | BX | Breccia; monzonite to plagioclase porphyry monzonite (PPp), as above, but with 10-20% dark grey/green-grey, very fine-grained, faintly silicified clast fragments of mafic volcanic (to PPg near end of hole) that are only very weakly magnetic locally; otherwise, similar to above. Potassic alteration still dominates, pervasively affecting <50% of rock mass - these more strongly altered fragments are also most strongly limonite-stained; oxidation persists to end of hole; increasing epidote may locally replace <50% of already K-altered fragment (like red-green colour blindness test); biotite is typically oxidized or coated with manganese oxide. Abundant interstitial clots of magnetite that appear encased in secondary quartz - forms larger concentrations locally. <5% fresh yellow pyrite as numerous sub-mm disseminated interstitial blebs, as mm-scale clots, as fracture-fill and as very fine disseminated crystals, occasionally intergrown with magnetite and also comprising up to 25% of some chips; no visible copper minerals. Definitely a better interval than 0.0 - 20.0 m. | | | | | | | | | | | | |



Drillhole Report

P00-4

| | | | | | |
|------------|-----------|-----------|--------|-------------|-----------|
| Zone | Southeast | Easting | 3546.0 | Drilled By | Paramount |
| Length (m) | 28.5 | Northing | 2096.4 | Logged By | V. Park |
| | | Elevation | 1088.1 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| From | To | LITH | Lithology Description | Assay Results | | | | | | Alteration | | | | | |
|------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|-----|----|
| | | | | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 13.0 | MZ | Monzonite to plagioclase porphyry monzonite (PPp); usually equigranular (1-2mm) with pseudo-phyric texture due to selective clay alteration of occasional modal feldspar; original textures are discernible but blurred; dominantly greenish/orangish, slightly bleached-looking appearance - very grungy - blech; faint limonitic coating on most fractures and very weak yet consistent pervasive limonitic staining to end of hole; black manganese oxide splotches <1mm on fractures create leopard spots; moderate ubiquitous sericitization is due more to near-surface weathering than some hydrothermal event; very ugly rock; no visible sulfides or Cu oxides; propylitic and K-alteration, both moderate, throughout. Wet from surface. | 0.0 | 6.0 | 68018 | 0.059 | 0.028 | 0.31 | 3.10 | 2 | | 2 | | |
| | | | | 6.0 | 13.5 | 68019 | 0.044 | 0.023 | 0.31 | 3.62 | 1 | | 2 | | |
| | | | | 13.5 | 21.0 | 68020 | 0.069 | 0.021 | 0.37 | 3.73 | 2 | | 2 | tr, | tr |
| | | | | 21.0 | 28.5 | 68021 | 0.049 | 0.018 | 0.27 | 3.21 | 2 | | 2 | | |
| 13.0 | 16.5 | DYKE | Augite porphyry dyke; medium grey to green grey, fine-grained groundmass with whitish feldspar laths <1mm and dark green augite <1-2mm; disseminated magnetite <1/2mm throughout and often altered to red hematite pseudomorphs; augite and biotite crystals also show localized hematitization; groundmass does show some sericitization that creates a felted/slightly sucrosic appearance; trace ultra-fine disseminated pyrite; no chalcopyrite. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 16.5 | 28.5 | MZ | <p>Monzonite to plagioclase porphyry monzonite, much as 0.0 - 13.0 m; dominantly fine to medium-grained equigranular with occasional clay-altered plagioclase phenocrysts <3mm - increasingly common to end of hole; greenish-orange-pink hues dominate; ubiquitous weak to moderate K-alteration overprinted by moderate and even pervasive limonitic staining and dotted with minor patchy epidote; limonite and/or manganese oxide on many fracture surfaces; <5% fine magnetite throughout; rare, trace disseminated pyrite <<1//2mm; trace malachite-like mineral on fractures near upper contact - greenish mineral also resembles roscolite.</p> <p>Note: gold values are significantly higher than copper values.</p> | | | | | | | | | | | | |



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|------------|-----------|-----------|--------|------------|-----------------|
| Zone | Southeast | Easting | 3570.6 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2073.6 | Logged By | V. Park |
| | | Elevation | 1085.9 | Comments | Wet from 6.0 m? |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| From | To | LITH | Lithology Description | From | To | Tag ID | TCu % | Assay Results | | | | Alteration | | | | |
|------|-----|------|---|------|------|--------|-------|---------------|--------|------|---|------------|---|-----|----|----|
| | | | | | | | | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 0.0 | 5.0 | MZ | Monzonite; pink with strong pervasive limonitic staining; slightly texturally different than 'usual' monzonite - could be syenite?; dominantly composed of k-spar with pearly to sub-vitreous luster and sub-translucence; original textures are reasonably well preserved. K-alteration (unless k-spar happens to be primary?) is very strong but is overprinted by very strong limonitic staining; orange-stained sericite coats most surfaces (= siltskins = near-surface weathering); former biotite altered to sericite, limonite and/or coated with manganese oxide. Very weakly magnetitic; no sulfides. | 0.0 | 6.0 | 68023 | 0.053 | 0.024 | 0.17 | 2.53 | 4 | | 1 | | | |
| | | | | 6.0 | 13.5 | 68024 | 0.054 | 0.031 | 0.21 | 1.80 | 3 | | 1 | | | |
| | | | | 13.5 | 21.0 | 68025 | 0.095 | 0.039 | 0.33 | 2.62 | 3 | | 2 | tr | | 1 |
| | | | | 21.0 | 28.5 | 68026 | 0.073 | 0.023 | 0.23 | 2.92 | 2 | | 2 | tr, | | tr |
| | | | | 28.5 | 36.0 | 68027 | 0.024 | 0.007 | 0.08 | 2.77 | 2 | | 2 | | | tr |
| | | | | 36.0 | 43.5 | 68028 | 0.028 | 0.006 | 0.07 | 2.72 | 1 | | 2 | | | 6 |
| 5.0 | 6.1 | PPp | Grey plagioclase porphyry; probably just a phase of adjacent units; moderately sericitic groundmass; clay-altered plagioclase phenocrysts 1-2mm; occasional limonitic fractures; weakly magnetitic; no visible sulfides. | | | | | | | | | | | | | |

| | | | Lithology | | | | | | Assay Results | | | Alteration | | | | |
|-------------|-----------|-------------|---|-------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|------------|----------|-----------|-----------|--|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> | |
| 6.1 | 22.0 | MZ | <p>Monzonite, much as 0.0 - 5.0 m: fine-grained, equigranular with rare phyrlic plagioclase; excellent textures; retains most of original pearly luster; strong, even, pink hue with minor patchy green; strong pervasive limonitic staining infuses all; biotite altered to sericite, coated with manganese oxide or altered to chlorite and occasionally seems replaced by pyrite.</p> <p>Strong potassic alteration decreases very slightly to end of interval; minor patchy epidote, increasing to end of interval; limonite and manganese oxide on fractures; pinkish k-spar veinlets <1/2cm and whitish quartz-feldspar veinlets <2mm to 13.5 m; ubiquitous sericite.</p> <p><5% fine (<1/4mm) disseminated magnetite.</p> <p><1% fresh yellow pyrite as sub-mm disseminated crystals and wisps, occasionally with red to copper-coloured aureoles; very, very trace chalcopyrite; pyrite also as sub-cm clots, usually on or near fractures.</p> | | | | | | | | | | | | | |
| 22.0 | 43.5 | MZ | <p>Monzonite to plagioclase porphyry monzonite; mostly medium-dark grey with cream and white specks with <25% of the fragments showing strong pervasive limonitic staining (as 0.0 - 5.0 m and 6.1 - 22.0 m); grey rock has a deceptive porphyritic texture that becomes real with depth, as several modal (but not phyrlic) plagioclase crystals are selectively clay-altered - increasingly common with depth; greyish rock also has a faint, selective K-alteration that creates a soft pink hue; original textures are well-preserved; excellent pearly to sub-vitreous luster; disseminated magnetite; <6% fresh pyrite as sub-mm disseminated crystals and occurring interstitially to modal feldspar, often rimming it; very rare trace disseminated chalcopyrite and magnetite.</p> <p>Orange-stained rock is also strongly K-altered and resembles the interval described previously - possible contamination in a wet hole?; pyrite as sub-cm brassy clots and pseudo-stringers that replace <50% of occasional chips.</p> | | | | | | | | | | | | | |



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|------------|-----------|--------------------------|--------|------------|----------------|
| Zone | Southeast | Easting | 3646.2 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2104.6 | Logged By | V. Park |
| | | Elevation | 1077.7 | Comments | Wet from 6.0 m |
| | | Depth Az Dip Survey Type | | | |
| | | 0.0 0 -90 Head Set | | | |

| Lithology | | | | Assay Results | | | | | | | Alteration | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------|------------|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | CP | PY |
| 0.0 | 43.5 | MZ | Monzonite to plagioclase porphyry monzonite (PPp); dominantly equigranular with phyric phases increasingly common to end of hole; much as P00-5; mottled pink, green, cream and orange; all textures are very well-preserved. | 0.0 | 6.0 | 68029 | 0.021 | 0.009 | 0.07 | 2.13 | 3 | | 2 | | tr |
| | | | 0.0 - 10.0 m: possible overburden; minor organics; strong pervasive limonitic staining and several earthy limonite-coated fractures; moderate to strong pervasive K-alteration; plagioclase phenocrysts <3mm are white and unaltered or very weakly clay-altered; slightly altered biotite crystals are common; <2% disseminated magnetite; trace disseminated pyrite. | 6.0 | 13.5 | 68030 | 0.024 | 0.009 | 0.06 | 2.12 | 4 | | 2 | | tr |
| | | | 10.0 - 36.0 m: very slightly more potassically altered - almost equal quantities of K-sparic and epidotic rocks, with alterations occurring separately and together; mafic minerals (bi, px) are slightly larger and more common; weakly magnetitic; <2% disseminated pyrite as sub-mm clots and stringers, locally forming a fine network - oxidized on occasional fractures; no copper minerals. | 13.5 | 21.0 | 68031 | 0.019 | 0.005 | 0.03 | 1.96 | 3 | | 2 | | 1 |
| | | | 36.0 - 43.5 m: as above, but 25% of rock with weak K-alteration (>>propylitic) and remaining rock is fresh and grey to very, very faintly green; marginal increase in disseminated magnetite; >2% fresh and tarnished pyrite as interstitial clots (occasionally replacing <20% of rock) and possibly with magnetite and apparently replacing some biotite; phyric textures are slightly stronger. | 21.0 | 28.5 | 68032 | 0.013 | 0.001 | 0.02 | 1.91 | 3 | | 2 | | 2 |
| | | | | 28.5 | 36.0 | 68033 | 0.012 | 0.002 | 0.02 | 1.92 | 2 | | 2 | | tr |
| | | | | 36.0 | 43.5 | 68034 | 0.011 | 0.002 | 0.02 | 2.39 | 2 | | 2 | | 2 |



Drillhole Report

P00-7

| | | | | | |
|------------|-----------|-----------|--------|------------|----------------|
| Zone | Southeast | Easting | 3637.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2110.3 | Logged By | V. Park |
| | | Elevation | 1080.5 | Comments | Wet from 6.0 m |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| | | Lithology | | Assay Results | | | | | | | Alteration | | | | | |
|------|------|-----------|---|---------------|------|--------|-------|--------|--------|------|------------|---|---|----|----|--|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 0.0 | 36.0 | MZ | Monzonite to plagioclase porphyry monzonite, almost exactly as P00-6 and similar to P00-5; mottled pink, green with weak orange and grey; dominantly equigranular with increasingly common phyrlic phases to end of hole. 0.0 - 7.0 m: weak pervasive limonitic staining and limonitic fractures decreasing to end of hole; K-alteration dominates with minor mm-scale epidote spots - some modal feldspar is unaffected; minor disseminated magnetite; very rare disseminated pyrite. 7.0 - 36.0 m: K-alteration dominates over epidote, but epidote (+/- chlorite) comprises <25% of total chips (complete alteration) and shows as small clots and veinlets in K-altered rocks; minor magnetite. <3% pyrite, usually as fine coatings on fractures, but also as sub-mm disseminated crystals and very, very subtle hairline stringers - rarely oxidized on fractures; some individual chips, usual those that are more epidotic, host 10-15% pyrite as clots and as interstitial, interconnected stringers; propylitic alteration increases to end of hole. | 0.0 | 6.0 | 68035 | 0.025 | 0.008 | 0.02 | 2.30 | 3 | | 2 | | | |
| | | | | 6.0 | 13.5 | 68036 | 0.021 | 0.008 | 0.02 | 2.24 | 3 | | 2 | | tr | |
| | | | | 13.5 | 21.0 | 68037 | 0.011 | 0.004 | 0.02 | 2.37 | 2 | | 2 | | tr | |
| | | | | 21.0 | 28.5 | 68038 | 0.013 | 0.002 | 0.02 | 2.49 | 2 | | 2 | | 1 | |
| | | | | 28.5 | 36.0 | 68039 | 0.022 | 0.004 | 0.03 | 2.43 | 3 | | 2 | | 3 | |
| | | | | 36.0 | 43.5 | 68040 | 0.020 | 0.002 | 0.03 | 3.57 | 1 | | 5 | | 1 | |
| 36.0 | 42.5 | DYKE | Augite porphyry dyke: grey/green-grey, fine-grained, sugary-looking feldspar-rich groundmass with black/green augite phenocrysts <2mm; white feldspar laths <1mm are slightly phyrlic and provide strong contrast; magnetitic; augite occasionally altered to brick red hematite along with disseminated magnetite cubes <1/2mm; might correlate with P00-4 13.0 - 16.5 m. | | | | | | | | | | | | | |
| 42.5 | 43.5 | MZ | Monzonite, as 0.0 - 3.6 m - <50% with moderate pervasive limonitic staining. | | | | | | | | | | | | | |



Drillhole Report

P00-8

| | | | | | |
|------------|-----------|-----------|--------|------------|-------------|
| Zone | Southeast | Easting | 3681.4 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2102.7 | Logged By | V. Park |
| | | Elevation | 1068.7 | Comments | All wet |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|-----|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|------|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 7.0 | BX | Magnetite breccia; black with strong pervasive limonitic staining and earthy hematite and limonite coatings on fractures; very fine-grained equigranular, very homogeneous-looking, silicified, intensely magnetitic rock; I can't determine the pre-silica/magnetite protolith - probably forms matrix; earthy orange sericite on most surfaces; no visible sulfides, but they've likely been oxidized beyond recognition; yummy-looking rock shows strong near-surface weathering/oxidation; >50% magnetite; wet from surface; rather sharply into: | 0.0 | 6.0 | 68041 | 0.271 | 0.144 | 0.74 | 6.56 | 0 | | 5 | | tr |
| | | | | 6.0 | 13.5 | 68042 | 0.432 | 0.173 | 0.63 | 6.17 | 2 | | 5 | 1, | 1 |
| | | | | 13.5 | 21.0 | 68043 | 0.282 | 0.071 | 0.63 | 6.23 | 2 | | 5 | 1, b | 2 |
| | | | | 21.0 | 28.5 | 68044 | 0.237 | 0.061 | 0.43 | 6.14 | 1 | | 5 | 1, b | 7 |
| | | | | 28.5 | 36.0 | 68045 | 0.238 | 0.042 | 0.32 | 6.73 | 1 | | 5 | 1, b | 1 |
| | | | | 36.0 | 43.5 | 68046 | 0.231 | 0.038 | 0.35 | 5.91 | 1 | | 5 | tr | tr |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|--------|------------|------|---|---|---|----|----|--|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 7.0 | 43.5 | BX | <p>Magnetite-intrusive breccia; wide colour variation due to mixed lithologies - dominantly shades of pink and grey with black, cream and minor green - quantities of grey steadily increase to end of hole.</p> <p>Rock types are equigranular monzonite to grey monzodiorite, occasionally feldspar phyric with finer-grained black volcanic clast fragments and abundant magnetitic silica-saturated magnetite and volcanic and quartz-magnetite fragments; original textures are always discernible, although locally masked/blurred by alterations.</p> <p>Silicification, associated with ultra fine magnetite, dominates as quartz flooding of all units and as quartz-magnetite cement and also occurs as discrete clear to cloudy, randomly orientated veinlets to 1/2cm and as subtle hairline stringers; rock has a vitreous to sub-vitreous luster and some totally silicified chips fracture like glass.</p> <p>Manganese oxide on fractures to end of hole, but might be contamination in a wet hole.</p> <p>Very weak and selective K-alteration to 28.5 m - after, potassic alteration is marginally more significant, occurring as dark pink, sub-cm alteration envelopes around fractures; after 28.5 m, potassic alteration is also less selective and affects <50% of modal feldspar - still very subtle.</p> <p>Epidotic fractures from top of interval but increases very slightly at 28.5 m; minor chlorite.</p> <p>From 36.0 m, rocks have a soft bleached and leached appearance due to clay and sericite alteration; minor sericite elsewhere.</p> <p>Trace to >7% pyrite in all possible occurrences - disseminated throughout as clots, blebs, stringers, lining fractures, along quartz veinlet selvages and centerlines, and often intergrown with chalcopyrite; pyrite is the most abundant and most obvious sulfide.</p> <p>Chalcopyrite +/- bornite, at least 1% (possibly more) on fractures, associated and intergrown with pyrite +/- magnetite in siliceous rock; addition of chalcopyrite and pyrite as ultra fine disseminations within intensely silicified intrusive and cement; YUM!; trace malachite on fractures to 21.0 m.</p> <p>Intensely magnetitic - ultra fine magnetite, usually associated with quartz, totally infuses entire interval, forming >50% of several fragments; minor alteration to hematite on fractures.</p> | | | | | | | | | | | | | |

| | | Lithology | |
|-------------|-----------|-------------|--------------------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> |
| | | | Delicious rock! |

| | | | Assay Results | | | | | Alteration | | | |
|-------------|-----------|---------------|---------------|---------------|---------------|-------------|----------|------------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |



Drillhole Report

P00-9

| | | | | | |
|------------|-----------|-----------|--------|------------|-------------|
| Zone | Southeast | Easting | 3700.1 | Drilled By | Paramount |
| Length (m) | 21.0 | Northing | 2127.9 | Logged By | V. Park |
| | | Elevation | 1066.4 | Comments | All wet |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 21.0 | BX | Intermixed breccia and overburden; dominant lithology = equigranular monzonite with excellent textures; <10% volcanic fragments and massive magnetite chunks; does not resemble strong magnetite-intrusive breccia in P00-8; sample also includes several small, rounded, milky quartz pebbles = overburden; rare phyric plagioclase <2mm. | 0.0 | 6.0 | 68047 | 0.220 | 0.117 | 0.26 | 4.08 | 4 | | 3 | | tr |
| | | | Moderate and decreasing pervasive K-alteration; limonitic staining overprints all alterations and persists to end of hole; minor localized epidote spots; biotite coated with manganese oxide. | 6.0 | 13.5 | 68048 | 0.215 | 0.120 | 0.35 | 4.67 | 3 | | 4 | | tr |
| | | | Strong magnetite occurs interstitially in silicified rock and can form up to 50% in some fragments; magnetite altered to hematite; many mottled orange and black fragments due to rust and magnetite; hairline quartz veinlets throughout. | 13.5 | 21.0 | 68049 | 0.231 | 0.122 | 0.42 | 4.76 | 2 | | 4 | tr | tr |
| | | | Due to high level of oxidation, sulfides are very difficult to identify; limonite pseudomorphs after pyrite on occasional fractures; chalcopyrite is likely associated with magnetite. | | | | | | | | | | | | |
| | | | Very wet from surface - caused surface rocks to be carried downhole. | | | | | | | | | | | | |
| | | | Decent-looking, but not nearly as excellent as P00-8. | | | | | | | | | | | | |



Mount Polley Mining Corporation
A DIVISION OF IMPERIAL METALS CORPORATION

Mount Polley Mine

Drillhole Report

P00-10

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|----------------|
| Zone | Southeast | Easting | 3688.9 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2188.9 | Logged By | V. Park |
| | | Elevation | 1063.9 | Comments | Wet from 6.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | | |
|------|------|------|---|------|------|--------|---------------|--------|--------|------|------------|---|---|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 31.0 | MZ | Monzonite to plagioclase porphyry monzonite (PPp); homogeneous, equigranular monzonite with excellent textures; medium pink with cubic manganese oxide speckles on most surfaces; biotite oxidized and/or coated with manganese oxide; many fractures with minor, patchy limonite/hematite and manganese oxide. | 0.0 | 6.0 | 68050 | 0.032 | 0.019 | 0.01 | 2.30 | 3 | | 2 | | tr |
| | | | | 6.0 | 13.5 | 68051 | 0.041 | 0.031 | 0.04 | 2.57 | 4 | | 2 | | |
| | | | | 13.5 | 21.0 | 68052 | 0.094 | 0.076 | 0.07 | 2.91 | 3 | | 2 | | |
| | | | | 21.0 | 28.5 | 68053 | 0.071 | 0.032 | 0.06 | 2.93 | 3 | | 3 | tr | 3 |
| | | | | 28.5 | 36.0 | 68054 | 0.148 | 0.027 | 0.25 | 4.65 | 3 | | 4 | tr | 4 |
| | | | | 36.0 | 43.5 | 68055 | 0.146 | 0.024 | 0.21 | 4.30 | 2 | | 4 | tr | 3 |
| | | | Pervasive K-alteration decrease slightly; many unaffected plagioclase crystals (rarely phyrlic) remain white with variable sericite and/or clay alteration; minor patchy epidote; manganese oxide-coated magnetite stands out as dominant feature. | | | | | | | | | | | | |
| | | | Abundant disseminated magnetite <1/4mm (<1% to >10%, rarely >50% locally) almost always remains as highly visible, black r dark red/black, manganese oxide-coated or oxidized cubes. | | | | | | | | | | | | |
| | | | Trace pyrite on fractures; no visible chalcopyrite. | | | | | | | | | | | | |
| | | | Wet from 6.0 m. | | | | | | | | | | | | |
| | | | Then suddenly: | | | | | | | | | | | | |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | Alteration | | | | | |
|------|------|------|--|------|----|--------|---------------|--------|--------|------------|---|---|---|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 31.0 | 43.5 | BX | <p>Monzodioritic breccia; grey and pink-grey with <10% pink monzonite as 0.0 - 31.0 m; original textures are barely discernible; grain size decreases as colour index increases (medium-dark grey overall).</p> <p>Strong pervasive silicification causes degeneration/overprinting of original textures - quartz veinlets <1/2cm; potassic alteration>epidotization dominant until 36.0 m, where most rocks are just silicified and <10% of remaining rock is K-altered only; oxidation below upper contact is uncommon.</p> <p>Strongly magnetitic - ultra fine magnetite, associated with secondary quartz infuses groundmass.</p> <p>Up to 4% pyrite and <1% chalcopyrite, often occurring together in fractures, sub-mm stringers, hairline linear inclusions in quartz veinlets parallel to wall, as blebs, clots and disseminations; larger pyrite crystals <1/4mm often show striae; most abundant pyrite as subtle, ultra fine disseminated crystals in silicified groundmass.</p> <p>(Fairly decent-looking interval).</p> | | | | | | | | | | | | |



Mount Polley Mine

| | | | | | |
|------------|-----------|-----------|--------|-------------|-------------------|
| Zone | Southeast | Easting | 3682.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2203.0 | Logged By | V. Park |
| | | Elevation | 1065.1 | Comments | Damp from 36.6 m? |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | | |
|------|------|------|---|------|------|--------|---------------|--------|--------|------|------------|---|---|-----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | CP | PY |
| 0.0 | 14.0 | BX | Monzonite to monzodiorite breccia (50% of each type); varies from grey to pink, with strong pervasive limonitic staining throughout; dark grey, very fine-grained, featureless volcanic fragments; original textures discernible in some chips only; most of interval has a grungy, weathered and oxidized appearance that improves to end of interval. | 0.0 | 6.0 | 68056 | 0.324 | 0.226 | 0.71 | 6.17 | 2 | | 5 | tr, | tr |
| | | | Strong pervasive potassic alteration increases to end of interval; strong pervasive silicification, especially near lower contact; ubiquitous sericite, especially near surface where mot surfaces show dusty, felted 'siltskins', often limonite-stained; localized clay alteration of some modal feldspar and feldspar veinlets. | 6.0 | 13.5 | 68057 | 0.327 | 0.186 | 1.74 | 4.26 | 4 | | 4 | tr, | tr |
| | | | Ultra fine magnetite, associated with secondary quartz is often associated with sulfides. | 13.5 | 21.0 | 68058 | 0.304 | 0.062 | 0.71 | 5.40 | 1 | | 4 | tr, | 3 |
| | | | <1% bright green malachite on fractures, occasionally with trace pyrite +/- chalcopyrite (tarnished and in dark red and black aureoles). | 21.0 | 28.5 | 68059 | 0.278 | 0.019 | 0.53 | 5.46 | 2 | | 4 | tr | 1 |
| | | | Increasingly glassy to end of interval. | 28.5 | 36.0 | 68060 | 0.164 | 0.046 | 0.39 | 5.13 | 3 | | 4 | tr | tr |
| | | | Sharp lower 'contact' where strong oxidation dies. | 36.0 | 43.5 | 68061 | 0.121 | 0.005 | 0.16 | 3.67 | 2 | | 3 | tr | 1 |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 14.0 | 30.0 | BX | <p>Magnetite-intrusion breccia; medium to dark grey, homogeneous, fine-grained, equigranular rock with some pink and green patches; grain size increases near end of interval; black volcanic fragments.</p> <p>Secondary quartz flooding with abundant associated magnetite; very rare discrete quartz veinlets; glassy luster; weak selective potassic alteration in 90% rock; remaining rock is strongly K-altered and also shows patchy epidote; strong surface sericite, especially from 21.0 m, where rocks have a pseudo-bleached, very dusty/felted appearance on surfaces.</p> <p>Abundant ultra fine magnetite (with quartz).</p> <p><1% chalcopyrite and <3% chalcopyrite, usually in fractures and as rarer stringers and clots, is visible; sulfides are often associated with magnetite (and secondary quartz); total content might be underestimated; trace malachite on fractures near upper contact; occasional chips host >10% ultra fine disseminated and stringy and pyrite+chalcopyrite+1magnetite; very nice interval.</p> <p>Lower contact is probably a fault.</p> | | | | | | | | | | | | |
| 30.0 | 34.0 | FT | <p>Fault; oxidized breccia, as 0.0 - 14.0 m; strong oxidation and large angular fragments suggest either a) a fault, or b) contamination from surface; pervasive limonitic staining and limonitic fractures in pinkish monzonite; slickensides; strongly oxidized/manganese oxide-coated magnetite; hematite, limonite, chlorite, epidote and k-spar alterations, but mostly ugly orange and black rock.</p> | | | | | | | | | | | | |
| 34.0 | 38.0 | DYKE | <p>Augite porphyry dyke; thin - likely <2m wide; magnetitic aphanitic groundmass with minor alteration to hematite and with associated red staining; augite crystals <1mm; not sulfidic.</p> | | | | | | | | | | | | |

| | | | Lithology | | | | | | Assay Results | | | | Alteration | | | |
|-------------|-----------|-------------|---|-------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|------------|-----------|-----------|--|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> | |
| 38.0 | 43.5 | BX | <p>Breccia?; definitely equigranular, pinkish-greenish monzonite with excellent textures; <20% strongly silicified, magnetitic fragments with homogeneous fine-grained texture.</p> <p>Semi-pervasive K-alteration dominates just slightly over the patchy epidotization that occurs in the same chips (cool pink and bright green mottling); sericitization creates dusty, opaque and bleached-looking appearance.</p> <p>Decreased magnetite disseminated in monzonite - higher concentrations in dark grey silica/magnetite.</p> <p><1% pyrite and rare chalcopyrite disseminated in groundmass - possibly <5% of ultra fine disseminated pyrite with magnetite in siliceous fragments.</p> | | | | | | | | | | | | | |



Drillhole Report

P00-12

| | | | | | |
|-------------------|-----------|---------------------------------|--------|-------------------|----------------|
| Zone | Southeast | Easting | 3673.8 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2221.2 | Logged By | V. Park |
| | | Elevation | 1067.1 | Comments | Wet from 6.0 m |
| | | Depth Az Dip Survey Type | | | |
| | | 0.0 0 -90 Head Set | | | |

| | | Lithology | | Assay Results | | | | | | | Alteration | | | | |
|------|------|-----------|--|---------------|------|--------|-------|--------|--------|------|------------|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 12.0 | BX | Intrusion-magnetite breccia; dark grey, homogeneous, very fine-grained dioritic (?) intrusive, much as in P00-11; strong pervasive limonitic staining to 3.0 m, some limonitic fractures after; excellent textures, occasionally blurred; rare augite phenocrysts <1mm near lower contact; wet from 6.0 m. Moderate silicification dominates - saturated with magnetite; rare cloudy quartz stringers; weak selective potassic and propylitic alteration, both increasing marginally toward lower contact; limonite, hematite and sericite on fractures. Intensely magnetitic - ultra fine magnetite in silica infuses rock. Trace fresh yellow pyrite in fractures and in hairline stringers - oxidation near surface. | 0.0 | 6.0 | 68062 | 0.233 | 0.137 | 0.43 | 5.74 | 1 | 5 | | | tr |
| | | | | 6.0 | 13.5 | 68063 | 0.119 | 0.072 | 0.21 | 4.29 | 1 | 4 | | | tr |
| | | | | 13.5 | 21.0 | 68064 | 0.140 | 0.069 | 0.21 | 5.17 | 0 | 5 | | | tr |
| | | | | 21.0 | 28.5 | 68065 | 0.139 | 0.055 | 0.19 | 4.62 | 1 | 2 | | | 1 |
| | | | | 28.5 | 36.0 | 68066 | 0.097 | 0.050 | 0.22 | 4.12 | 1 | 2 | | tr | 5 |
| | | | | 36.0 | 43.5 | 68067 | 0.119 | 0.057 | 0.23 | 4.47 | 1 | 2 | | | 5 |
| 12.0 | 19.0 | DYKE | Augite porphyry dyke; grey to purple grey; aphanitic groundmass with black augite phenocrysts <1mm and white feldspar laths <1mm; feldspar-rich groundmass is variably sericitized, chloritized or hematitized - grainy and bleached-looking where sericite +/- chlorite is strongest; coarser-grained fragments likely belong at center of dyke; magnetitic groundmass - pinpoints of hematite after magnetite create overall maroon hue; red oxide coats some augite; rare disseminated pyrite. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 19.0 | 25.0 | BX | <p>Intrusion-magnetite breccia, much as 0.0 - 12.0 m, but with decreased oxidation, except right near upper contact and an increased and improved grain size; speckled black and white due to plagioclase, mafics and abundant interstitial magnetite (in quartz); tends toward plagioclase porphyry (PPg), with unaltered plagioclase phenocrysts <1-2mm.</p> <p>Weak silicification as dominant alteration; very, very rare selective replacement; trace disseminated pyrite - difficult to see in magnetite-silica flooding; no visible copper minerals.</p> <p>Somewhat sharply into:</p> | | | | | | | | | | | | |
| 25.0 | 43.5 | MZ | <p>Monzonite to possible monzonite breccia; bright green with patchy pale pink and cream; equigranular; excellent textures; homolitic.</p> <p>Strong propylitic alteration, with epidote almost completely replacing groundmass; selective potassic alteration is significantly less abundant than epidotization, but occurs together with it; occasional sericitic surfaces.</p> <p>Minor disseminated magnetite.</p> <p><5% fresh yellow pyrite as interstitial and often interconnected blebs and stringers, occasionally occurring with magnetite - likely part of propylitic assemblage; very, very rare trace disseminated chalcopyrite.</p> <p>From 36.0 m: <5% dyke and breccia fragments are possible contamination.</p> | | | | | | | | | | | | |



Drillhole Report

P00-13

| | | | | | |
|------------|-----------|-----------|--------|------------|-----------------|
| Zone | Southeast | Easting | 3744.7 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 1950.4 | Logged By | V. Park |
| | | Elevation | 1057.5 | Comments | Wet from 21.0 m |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| | | Lithology | | Assay Results | | | | | | | Alteration | | | | |
|------|-----|-----------|---|---------------|------|--------|-------|--------|--------|------|------------|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 6.0 | BX | Breccia; overburden or very weathered near-surface bedrock; large angular fragments with limonitic coating on most surfaces; grey/green-grey; mostly composed of fine-grained, equigranular mafic fragments = possible volcanic, but also slightly more coarse and intrusive-like - rare plagioclase phenocrysts; in general, original lithology is difficult to determine; <10% mafic fragments; called breccia because it's heterolithic. | 0.0 | 6.0 | 68068 | 0.097 | 0.042 | 2.58 | 6.89 | 1 | | 5 | | tr |
| | | | Limnite and sericite most common alterations; very localized potassic alteration in mafic fragments; hard and silicified. | 6.0 | 13.5 | 68069 | 0.044 | 0.017 | 0.10 | 4.64 | 1 | | 4 | tr | tr |
| | | | Intensely magnetitic - crystals disseminated throughout, often oxidized. | 13.5 | 21.0 | 68070 | 0.058 | 0.012 | 0.07 | 3.88 | 1 | | 4 | | tr |
| | | | NO visible sulfides; limonitic fractures suggest former pyrite, but pseudomorphs are rare; assay results indicate 2.58 gpt Au (!) with no Cu (I can't really explain this except that I think there's a structure here (below). | 21.0 | 28.5 | 68071 | 0.061 | 0.006 | 0.16 | 5.09 | 1 | | 4 | | tr |
| | | | | 28.5 | 36.0 | 68072 | 0.064 | 0.007 | 0.15 | 3.91 | 1 | | 4 | | 1 |
| | | | | 36.0 | 43.5 | 68073 | 0.052 | 0.009 | 0.12 | 4.07 | 1 | | 4 | tr | 1 |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 6.0 | 13.5 | FT | <p>Fault in breccia; as 0.0 - 6.0 m with >90% black magnetitic mafic igneous rock with <10% coarser monzonitic fragments; sample consisted mostly of dry powder with very few coarse fragments remaining for washed sample.</p> <p>Mafic rock is very fine-grained, equigranular, black and green-black, hard-looking and silicified with strong magnetite concentration in groundmass and rare white plagioclase phenocrysts <1-2mm; <1% fresh yellow pyrite on fractures (occasionally oxidized to limonite) with very rare intergrown chalcopyrite.</p> <p>Monzonitic rock is equigranular, coarser-grained with strong pervasive limonitic staining over a partially K-altered groundmass; minor disseminated magnetite; no visible sulfides.</p> | | | | | | | | | | | | |
| 13.5 | 28.5 | BX | <p>Breccia, as 0.0 - 6.0 m and 6.0 - 13.5 m; mostly (>75%) mafic rock (volcanic?), intensely silicified and almost featureless with bleached-looking, sericite-coated fragments that are large and angular - proximity to fault?; <1% pyrite, with minor patchy tarnish and very rare chalcopyrite on many fractures.</p> <p>Monzonite is mottled pink and green with cream and black due to potassic alteration > patchy epidotization; also silicified and homogeneous-looking, but textures improve significantly with depth; pyrite (+/1 rare chalcopyrite) on fractures and as sub-mm stringers is common.</p> <p>Both rock types are strongly magnetitic.</p> <p>Wet from 21.0 m.</p> | | | | | | | | | | | | |

| | | | Lithology | Assay Results | | | | | | | Alteration | | | | | |
|-------------|-----------|-------------|--|---------------|-----------|---------------|--------------|---------------|---------------|-------------|------------|----------|----------|-----------|-----------|--|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Taq ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> | |
| 28.5 | 43.5 | BX | <p>Breccia; 75% cream to greyish, equigranular (to weakly feldspar phyric) monzonite with <25% (decreasing to end of interval) melanic, magnetitic fragments as described (ad nauseum) above; original textures are very well preserved and mafic rock shows occasional plagioclase phenocrysts <1-2mm; tends toward diorite near upper contact where modal plagioclase increases; <5% chips with limonitic fractures, rare by 36.0 m.</p> <p>Weak and selective K-alteration in monzonite intensifies to end of hole; rare epidote specks and weak ubiquitous sericite; minor chlorite and very, very strong silicification in dark fragments.</p> <p>Strongly magnetitic - infuses melanic fragments and occurs as mm-scale disseminated blebs in monzonite.</p> <p><1% pyrite on fractures and as wispy sub-mm stringers; very, very rare chalcopyrite with pyrite.</p> | | | | | | | | | | | | | |



Drillhole Report

P00-14

| | | | | | |
|------------|-----------|-----------|--------|-------------|----------------|
| Zone | Southeast | Easting | 3795.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 1958.7 | Logged By | V. Park |
| | | Elevation | 1057.5 | Comments | Wet from 6.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|-----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 8.0 | MZ | Monzonite with <10% plagioclase porphyry monzonite; equigranular with a few distinctly plagioclase phyric sections, especially near surface; wet from 6.0 m. Selective K-alteration is overprinted with pervasive limonitic staining and sericitization, due to near surface weathering and oxidation. Disseminated magnetite <1/2mm partially oxidized to hematite/limonite and occasionally coated with manganese oxide. At least 1% former pyrite in fractures is oxidized to crusty limonitic patina; very, very rare trace chalcopyrite in magnetitic blebs. | 0.0 | 6.0 | 68074 | 0.030 | 0.011 | 0.10 | 3.24 | 1 | | 2 | | tr |
| | | | | 6.0 | 13.5 | 68075 | 0.052 | 0.019 | 0.15 | 4.28 | 1 | | 2 | | 1 |
| | | | | 13.5 | 21.0 | 68076 | 0.040 | 0.014 | 0.13 | 3.30 | 2 | | 3 | tr, | 1 |
| | | | | 21.0 | 28.5 | 68077 | 0.048 | 0.009 | 0.12 | 3.35 | 2 | | 3 | tr | 1 |
| | | | | 28.5 | 36.0 | 68078 | 0.044 | 0.008 | 0.12 | 3.41 | 2 | | 3 | tr | 1 |
| | | | | 36.0 | 43.5 | 68079 | 0.037 | 0.005 | 0.06 | 4.09 | 2 | | 4 | tr | 1 |
| 8.0 | 35.0 | MZ | Monzonite, as 0.0 - 8.0 m, but without orange staining, except on fractures; excellent textures - rarely feldspar phyric; <5-10% black biotite; varying quantities of pink, grey, cream, orange and black depending on dominant alteration locally. Selective potassic alteration and propylitic alteration - varies from chip to chip - usually occur together; <20% chips with pervasive limonitic staining. Moderate disseminated pyrite as thin coatings on many fractures; very, very rare chalcopyrite associated with magnetite in fractures; increased pyrite is partially responsible for slightly elevated gold values. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-------------|-----------|-------------|---|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| 40.0 | 43.5 | MZ | Monzonite to monzodiorite, as 8.0 - 35.0 m; excellent textures; moderate selective K-alteration, but most fragments show weak to moderate pervasive limonitic staining - is this in situ (??) or a lot of downhole contamination in a wet hole?; at least 1% pyrite and rare trace chalcopyrite as mm-scale blebs disseminated throughout - oxidized on some fractures. | | | | | | | | | | | | |
| 35.0 | 40.0 | PPg | Plagioclase porphyry diorite (?); very dark grey to black, very fine-grained intrusion with indistinct features although a few chips very clearly show white plagioclase phenocrysts <1-2mm; definitely a dyke of some sort. Minor chloritization, otherwise not altered; weak silica. Intensely magnetitic - entire groundmass is infused with ultra fine magnetite, often associated with minor silica. <1% fresh yellow pyrite on several fractures; no chalcopyrite. | | | | | | | | | | | | |



Drillhole Report

P00-15

| | | | | | |
|------------|-----------|-----------|--------|------------|-----------------|
| Zone | Southeast | Easting | 3830.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 1982.8 | Logged By | V. Park |
| | | Elevation | 1053.4 | Comments | Wet from 21.0 m |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | | |
|------|------|------|--|------|------|--------|---------------|--------|--------|------|------------|---|----|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 3.0 | PPg | Dioritic plagioclase porphyry; salt and pepper colour; dominantly equigranular, but enough phyric plagioclase phenocrysts <1-2mm to create porphyry locally; excellent textures. Not altered. Very strongly magnetitic - ultra fine magnetite disseminated throughout; rare massive magnetite. Rare chalcopyrite (very, very trace) in magnetite; <1% pyrite on fractures. | 0.0 | 6.0 | 68080 | 0.019 | 0.004 | 0.07 | 3.76 | 2 | 3 | tr | tr | |
| | | | | 6.0 | 13.5 | 68081 | 0.002 | 0.001 | 0.01 | 2.66 | 3 | 1 | | tr | |
| | | | | 13.5 | 21.0 | 68082 | 0.002 | 0.001 | 0.01 | 2.50 | 3 | 1 | | | |
| | | | | 21.0 | 28.5 | 68083 | 0.002 | 0.001 | 0.01 | 2.56 | 3 | 1 | | | |
| | | | | 28.5 | 36.0 | 68084 | 0.006 | 0.002 | 0.02 | 2.87 | 3 | 1 | | tr | |
| | | | | 36.0 | 43.5 | 68085 | 0.014 | 0.002 | 0.06 | 3.15 | 3 | 2 | | | |
| 3.0 | 43.5 | MZ | Monzonite; fine to medium grained equigranular with rare phyric feldspar; pale to medium pink with cream and black speckling; biotite remains; textures are moderately well preserved. Moderate pervasive K-alteration; selective clay alteration of some massive modal feldspar creates pseudo-porphyritic texture. Minor disseminated magnetite. Rare disseminated pyrite. Wet from 21.0 m. 3.0 - 13.5 m: weak limonitic staining 13.5 - 21.0 m: very strongly sericitized; textures blurred and all surfaces coated with dusty, felted sericite; generally bleached-looking; possible fault? 21.0 - 43.5 m: most fragments with weak to moderate pervasive limonitic staining - due to proximity to fault? 28.5 - 43.5 m: slight increase in pyrite, which lines fractures, forms interstitial blebs and also seems to replace biotite locally. 36.0 - 43.5 m: <20% diorite/monzodiorite with abundant ghosts of mafics; otherwise as monzonite. | | | | | | | | | | | | |



Drillhole Report

P00-16

| | | | | | |
|------------|-----------|-----------|--------|------------|-----------------|
| Zone | Southeast | Easting | 3860.6 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 1999.4 | Logged By | V. Park |
| | | Elevation | 1041.6 | Comments | Wet from 13.5 m |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | | |
|------|------|------|--|------|------|--------|---------------|--------|--------|------|------------|---|---|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 14.0 | MZ | Monzonite with occasional plagioclase porphyry (PPp) sections; palest pink to light orange with greyish underhue; mostly equigranular with are phyric plagioclase near surface; weathered; textures are well preserved, but rock has a homogeneous look from 6.0 m. Weak pervasive potassic alteration overprinted with limonitic staining; sericite on most surfaces; manganese oxide and limonite crusts on many fractures. Minor disseminated magnetite. Very rare disseminated pyrite. Lower contact assigned at base of pervasive orange staining. | 0.0 | 6.0 | 68086 | 0.002 | 0.001 | 0.01 | 2.40 | 1 | | 1 | | |
| | | | | 6.0 | 13.5 | 68087 | 0.002 | 0.001 | 0.01 | 2.06 | 2 | | 1 | | |
| | | | | 13.5 | 21.0 | 68088 | 0.003 | 0.002 | 0.01 | 2.59 | 0 | | 1 | | tr |
| | | | | 21.0 | 28.5 | 68089 | 0.005 | 0.002 | 0.01 | 2.52 | 0 | | 1 | | tr |
| | | | | 28.5 | 36.0 | 68090 | 0.003 | 0.002 | 0.01 | 2.51 | 0 | | 1 | | tr |
| | | | | 36.0 | 43.5 | 68091 | 0.002 | 0.001 | 0.01 | 2.45 | 0 | | 1 | | tr |
| 14.0 | 32.0 | MZ | Monzonite, as 0.0 - 14.0 m; medium grey/off-white; low colour index, but mafic minerals (biotite, hornblende, pyroxene) are more commonly preserved in situ and exhibit chloritization locally; excellent textures; one sub-cm clot of green/black amphibole cluster; limonitic fractures with mm-scale orange stained envelopes are very common. Minor disseminated magnetite <1/4mm throughout. <1% ubiquitous sub-mm yellow pyrite and disseminated and locally appears to replace or rim former biotite. From 28.5 m: limonitic staining is more pervasive; one slickensided surface. Wet from 13.5 m. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-------------|-----------|-------------|--|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| 32.0 | 43.5 | MZ | <p>Monzonite, as 14.0 - 32.0 m, but limonitic fractures are far less common now; blue-grey, very fresh-looking rock with mafic minerals commonly chloritized; dominantly equigranular, but occasional phyric plagioclase <1-2mm is seen.</p> <p>Chloritized mafics; selective clay-alteration of <1/2 modal feldspar.</p> <p>Disseminated magnetite.</p> <p><1% fresh pyrite as interstitial blebs and stringers, occasionally on fractures and is likely associated with weak propylitic alteration.</p> | | | | | | | | | | | | |



| | | | | | |
|------------|-----------|-----------|--------|------------|-------------|
| Zone | Southeast | Easting | 3892.6 | Drilled By | Paramount |
| Length (m) | 28.5 | Northing | 2018.4 | Logged By | V. Park |
| | | Elevation | 1039.9 | Comments | All wet |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 0.0 | 28.5 | BX | Breccia (?); dominantly monzonitic with <10% fine-grained mafic intrusive (dioritic PPg) or volcanic?; monzonite is equigranular with rare feldspar phryic sections and increasingly well-preserved textures; mafic phase is typically featureless, silicified, intensely magnetitic and hosts pyrite; unit is increasingly porphyritic to end of hole; all wet. Rock is altered to mottled pink (K-spar) and green (epidote), with potassic alteration >propylitic alteration; oxidation persists, yet lessens, to end of hole; minor oxide flecks on fractures. Trace to >7% pyrite, with very rare chalcopyrite, is very strongly evident throughout as hairline stringers, fracture-fill and disseminated blebs; some chips are saturated with pyrite; the more mafic intrusion hosts more pyrite (+magnetite and silica) than monzonite. Strongly magnetitic throughout. 0.0 - 7.0 m: large angular fragments; organics; deep, strong limonitic staining; all surfaces coated with limonitic siltskins; hematite pseudomorphs after magnetite and manganese oxide on fractures; homogeneous textures (even between differing lithologies); could be overburden or very strongly weathered bedrock; rare fragments display lineation; not pyrite oxidized beyond recognition. 7.0 - 28.5 m: >10% dark grey/black magnetic silicified intrusive (breccia cement?) hosts significant pyrite; oxidation decreases downward. From 21.0 m: rock is significantly less weathered. Note: abundance of pyrite, large angular chips, depth of oxidation etc. suggest possible fault in this area. Note: elevated gold values in absence of copper - | 0.0 | 6.0 | 68092 | 0.088 | 0.038 | 0.32 | 4.78 | 1 | | 4 | | | tr |
| | | | | 6.0 | 13.5 | 68093 | 0.100 | 0.030 | 0.41 | 4.10 | 2 | | 4 | | 3 | |
| | | | | 13.5 | 21.0 | 68094 | 0.100 | 0.015 | 0.43 | 3.93 | 2 | | 4 | tr | 7 | |
| | | | | 21.0 | 28.5 | 68095 | 0.057 | 0.009 | 0.16 | 3.91 | 2 | | 4 | | 5 | |

Lithology

Assay Results

Alteration

| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
|-------------|-----------|-------------|--|-------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| | | | due to pyrite. Kinda yummy-looking. | | | | | | | | | | | | |



Drillhole Report

P00-18

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|----------------|
| Zone | Southeast | Easting | 3938.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2039.1 | Logged By | V. Park |
| | | Elevation | 1032.5 | Comments | Wet from 6.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 21.0 | PPp | Plagioclase porphyry monzonite; pink-orange; more coarse than usual monzonite with strong pearly luster; excellent textures; plagioclase phenocrysts <2-3mm; no unoxidized mafic minerals - reminds me of a syenite; wet from 6.0 m. Strong pervasive potassic alteration throughout; strong pervasive limonitic staining; hematite after disseminated magnetite; minor manganese oxide on fractures; rare patchy epidote. Rare oxidized pyrite on fractures. Lower contact is somewhat arbitrary. | 0.0 | 6.0 | 68096 | 0.036 | 0.017 | 0.06 | 2.76 | 3 | | 1 | | tr |
| | | | | 6.0 | 13.5 | 68097 | 0.044 | 0.022 | 0.20 | 3.47 | 3 | | 1 | | tr |
| | | | | 13.5 | 21.0 | 68098 | 0.034 | 0.017 | 0.07 | 3.51 | 4 | | 1 | | tr |
| | | | | 21.0 | 28.5 | 68099 | 0.030 | 0.012 | 0.06 | 3.41 | 1 | | 3 | | 5 |
| | | | | 28.5 | 36.0 | 68100 | 0.050 | 0.008 | 0.09 | 4.32 | 1 | | 3 | | 5 |
| | | | | 36.0 | 43.5 | 68101 | 0.049 | 0.008 | 0.06 | 4.63 | 1 | | 3 | | 5 |
| 21.0 | 43.5 | PPg | Plagioclase porphyry diorite (?); dark grey to green-grey, feldspar-rich intrusive; textures are very subtle but discernible; phyrlic textures are not well-developed, but white plagioclase phenocrysts <1-2mm are seen; smaller grain size than 0.0 - 21.0 m; entire interval contains <20% strongly orange-stained intrusive as 0.0 - 21.0 m - probably contamination in a very wet hole. Chloritization (+/- sericite +/- epidote) is strongest alteration; epidote usually as veinlets or stringers; very rare selective K-alteration of modal feldspar; vaguely silicified-looking. Very strongly magnetic - unit is infused with ultra fine magnetite that forms massive concentrations locally. 5-10% ultra fine disseminated pyrite - subtle but gorgeous - some fragments with >25%; pyrite also in fractures and as blebs and stringers; no chalcopyrite. 28.5 - 36.0 m: slickensides. | | | | | | | | | | | | |



Drillhole Report

P00-19

| | | | | | |
|-------------------|-----------|---------------------------------|----------|-------------------|-----------|
| Zone | Southeast | Easting | 3994.4 | Drilled By | Paramount |
| Length (m) | 28.5 | Northing | 2045.7 | Logged By | V. Park |
| | | Elevation | 1028.4 | Comments | Wet?? |
| | | Depth Az Dip Survey Type | | | |
| | | 0.0 0 -90 | Head Set | | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 3.0 | OB | Overburden; angular clasts and rounded pebbles; soil-coated; intensely weathered; strong pervasive limonitic staining; quartz pebbles; monzonite as below. | 0.0 | 6.0 | 68102 | 0.013 | 0.005 | 0.03 | 2.84 | 3 | 1 | | | tr |
| | | | | 6.0 | 13.5 | 68103 | 0.021 | 0.008 | 0.10 | 3.42 | 2 | 1 | | | tr |
| | | | | 13.5 | 21.0 | 68104 | 0.020 | 0.007 | 0.07 | 2.86 | 3 | 1 | | | tr |
| 3.0 | 28.5 | MZ | Monzonite; probable fault; large angular fragments with strong pervasive limonitic staining; good equigranular textures, rarely feldspar phyric, discernible throughout; oxidation (and associated staining) decreases to end of hole. K-alteration dominates but is obscured by orange stain; patchy epidote occurs in potassically altered fragments; minor chloritization; sericite +/- limonite on most surfaces; manganese oxide on fractures also common. Trace to 5% disseminated pyrite as in P00-18 - ultra fine and subtle; fresh pyrite is obvious from 20.0 m, otherwise it is typically oxidized to limonite; pyrite appears to replace biotite; no copper minerals. Note: deep oxidation suggests a fault, similar to P00-14 through P00-17 - is the whole road affected? | 21.0 | 28.5 | 68105 | 0.014 | 0.007 | 0.05 | 2.79 | 4 | 1 | | | 5 |



Drillhole Report

| | | | | | |
|------------|-----------|-----------|--------|------------|----------------|
| Zone | Southeast | Easting | 4017.2 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2050.7 | Logged By | V. Park |
| | | Elevation | 1027.5 | Comments | Wet from 6.0 m |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 10.0 | MZ | Monzonite; faint pink with moderate pervasive limonitic staining; equigranular with excellent textures; limonite and manganese oxide on fractures; abundant biotite remnants. | 0.0 | 6.0 | 68106 | 0.010 | 0.006 | 0.02 | 2.62 | 3 | | 1 | | tr |
| | | | | 6.0 | 13.5 | 68107 | 0.014 | 0.006 | 0.04 | 3.57 | 2 | | 2 | | tr |
| | | | | 13.5 | 21.0 | 68108 | 0.025 | 0.003 | 0.03 | 4.90 | 1 | | 4 | | 7 |
| | | | | 21.0 | 28.5 | 68109 | 0.031 | 0.002 | 0.07 | 4.91 | 1 | | 4 | | 10 |
| | | | Pervasive K-alteration; oxidation decreases; strong sericitization in near-surface weathered rocks; more patchy epidote in potassic rocks. | 28.5 | 36.0 | 68110 | 0.045 | 0.002 | 0.08 | 6.04 | 1 | | 5 | tr | 5 |
| | | | Oxidized magnetite cubes. | 36.0 | 43.5 | 68111 | 0.031 | 0.002 | 0.06 | 4.60 | 1 | | 4 | | 5 |
| | | | Very, very rare partially oxidized pyrite. | | | | | | | | | | | | |
| | | | Wet from 6.0 m. | | | | | | | | | | | | |
| 10.0 | 35.0 | DYKE | Dyke; black to dark green mafic intrusive (?) with dioritic composition, equigranular feldspar-rich matrix and a faintly plagioclase porphyry texture very locally; could this fine-grained unit correlate with the mafic dyke (along the ditch) mapped by Rad?; textures seem definitely intrusive - I don't want to call this a volcanic; homogeneous appearance macroscopically. | | | | | | | | | | | | |
| | | | Propylitic alteration, especially chlorite, dominates but decreases; hematite and limonite on occasional fractures; very rare selective potassic alteration near lower contact; epidote increases to end of hole. | | | | | | | | | | | | |
| | | | Intensely magnetitic groundmass - ultra fine crystals in a siliceous-looking groundmass. | | | | | | | | | | | | |
| | | | Very strongly pyritic - fresh yellow pyrite as ultra fine disseminated crystals, blebs and coatings in fractures, hairline stringers, interstitial wisps and blebs, and even as sub-mm discontinuous stringers down centerline of epidote veinlets - it's everywhere! | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | | |
|-------------|-----------|-------------|--|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|--|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> | |
| 35.0 | 42.0 | MZ | <p>Monzonite; mostly bright green with pink patches; excellent textures; distinctly different from adjacent rocks.</p> <p>Epidotization dominates, with minor pyrite; K-alteration is quite strong to 36.0 m, but is very, very weak with depth.</p> <p>Moderately magnetitic.</p> <p>5-10% fresh yellow pyrite in all occurrences, but very often seems to replace biotite.</p> <p>Slickensides near lower contact.</p> | | | | | | | | | | | | | |
| 42.0 | 43.5 | DYKE | <p>Magnetitic, pyritic dyke (PPg-ish) as 10.0 - 35.0 m; decreased propylitic alteration, slightly increased epidote replacement (but still decreased), slightly more porphyritic and slightly less pyritic.</p> | | | | | | | | | | | | | |



Mount Polley Mine

| | | | | | |
|------------|-----------|-----------|--------|-------------|-----------------|
| Zone | Southeast | Easting | 4036.8 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2055.5 | Logged By | V. Park |
| | | Elevation | 1022.0 | Comments | Wet from 21.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 | 0 | -90 | Head Set |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | Alteration | | | | | |
|------|------|------|---|------|------|--------|---------------|--------|--------|------------|---|---|---|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | CP | PY |
| 0.0 | 7.0 | DYKE | Mafic dyke, as P00-21 10.0 - 35.0 m and 42.0 - 43.5 m, except weathered and oxidized; grey with orange surfaces; very fine-grained; equigranular; homogeneous looking; faintly silicified; all surfaces with earthy limonitic patina; probably formerly pyritic (oxidized), but now only rare chips show fine disseminated pyrite; grungy; intensely magnetitic; no copper minerals. | 0.0 | 6.0 | 68112 | 0.021 | 0.012 | 0.05 | 5.01 | 0 | | 5 | | tr |
| | | | | 6.0 | 13.5 | 68113 | 0.016 | 0.010 | 0.05 | 3.47 | 4 | | 3 | | tr |
| | | | | 13.5 | 21.0 | 68114 | 0.004 | 0.003 | 0.08 | 2.69 | 4 | | 3 | | |
| | | | | 21.0 | 28.5 | 68115 | 0.004 | 0.002 | 0.05 | 2.61 | 4 | | 3 | | tr |
| | | | | 28.5 | 36.0 | 68116 | 0.010 | 0.002 | 0.04 | 3.37 | 3 | | 3 | | tr |
| | | | | 36.0 | 43.5 | 68117 | 0.020 | 0.001 | 0.05 | 3.85 | 2 | | 3 | | tr |
| 7.0 | 21.0 | MZ | Monzonite to plagioclase porphyry monzonite (PPp); pink/pink-orange; dominantly equigranular with rare clay altered plagioclase phenocrysts <2mm; weak to moderate pervasive limonitic staining; limonite and sericite on most surfaces; homogeneous with moderately well-preserved textures. Strong pervasive potassic alteration speckled with very minor epidote; sericite throughout; minor selective K-alteration of modal feldspar. Fine disseminated magnetite. Very, very rare disseminated pyrite; no chalcopyrite. | | | | | | | | | | | | |
| 21.0 | 34.0 | MZ | Monzonite to plagioclase porphyry monzonite (PPp) as above, but without orange staining; slightly more phyrlic textures are much better preserved; overall pink, but with microscope has nice pink, green, white and black mottling. Pervasive K-alteration dominates - these fragments also contain <10% (overall) epidote spotting; unaltered (minor clay or sericite locally) plagioclase is increasingly contrasted against groundmass. Magnetitic; very, very rare disseminated pyrite; no chalcopyrite. Wet from 21.0 m. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | CP | PY |
| 34.0 | 37.0 | DYKE | Dyke; dark grey/green-grey mafic intrusive as 0.0 7.0 m and P00-20 10.0 - 35.0 m; minor phyric plagioclase <2mm; strongly magnetitic; chloritized; epidote clots and fractures; <1% pyrite in fractures and as fractures. Slickensides at upper contact. | | | | | | | | | | | | |
| 37.0 | 43.5 | MZ | Monzonite, as P00-20 35.0 - 42.0 m; mostly bright green with abundant pink mottling; excellent textures. K-alteration dominates (pervasive) with significant epidote speckling (complete replacement in some fragments) and veinlets. Disseminated magnetite; <1% disseminated pyrite, occasionally in fractures. | | | | | | | | | | | | |



| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------------|
| Zone | Southeast | Easting | 4002.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2067.6 | Logged By | V. Park |
| | | Elevation | 1028.0 | Comments | Wet from 13.5 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | CP | PY |
| 0.0 | 27.0 | MZ | Monzonite to plagioclase porphyry monzonite (PPp); oink; organics and poor recovery; as P00-20 0.0 - 10.0 m and P00-21 7.0 - 21.0 m; excellent equigranular textures; biotite and biotite remnants remain; increasingly phyrlic to end of interval. Moderate to strong pervasive potassic alteration; from 21.0 m, epidote, in conjunction with K-spar increases to <10 %; selective K-alteration of <50% modal feldspar. Disseminated cubic magnetite - oxidized to 21.0 m. Wet from 13.5 m. 0.0 - 21.0 m: Weak pervasive limonitic staining; manganese oxide and earthy limonite/sericite on fractures; organic fragments. | 0.0 | 6.0 | 68118 | 0.008 | 0.003 | 0.03 | 3.72 | 3 | | 2 | | tr |
| | | | | 6.0 | 13.5 | 68119 | 0.011 | 0.007 | 0.03 | 3.01 | 3 | | 2 | | tr |
| | | | | 13.5 | 21.0 | 68120 | 0.007 | 0.001 | 0.06 | 2.82 | 3 | | 2 | | tr |
| | | | | 21.0 | 28.5 | 68121 | 0.011 | 0.001 | 0.05 | 2.66 | 3 | | 3 | | 1 |
| | | | | 28.5 | 36.0 | 68122 | 0.030 | 0.002 | 0.07 | 4.26 | 1 | | 3 | | 8 |
| | | | | 36.0 | 43.5 | 68123 | 0.020 | 0.002 | 0.06 | 4.22 | 1 | | 3 | | 5 |
| 27.0 | 34.0 | DYKE | Mafic dyke, as P00-21 0.0 - 7.0 m and 34.0 37.0 m and P00-20 10.0 - 35.0 m and 42.0 - 43.5 m. Dark grey to green-grey feldspar-rich, fine-grained intrusive with occasional plagioclase phenocrysts <1-2mm. Strongly propylitized with abundant chlorite through groundmass and patchy to complete epidotization within; siliceous-looking in some aphanitic chips that break like glass. Magnetitic groundmass - fine disseminated crystals. <5-10% disseminated pyrite crystals, blebs, clots and stringers and completely coating fracture surfaces - likely part of propylitic assemblage. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | | |
|-----------|------|------|--|---------------|----|--------|-------|--------|--------|------------|---|---|---|----|----|--|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 34.0 | 37.0 | MZ | <p>Monzonite, as P00-20 35.0 - 42.0 m and P00-21 37.0 - 43.5 m; bright green and pink; excellent textures.</p> <p>Strong epidotization with secondary potassic alteration; strong sericite very locally; minor limonitic staining - might be contamination from above.</p> <p>Weak disseminated magnetite.</p> <p><5% fresh pyrite as disseminated mm-scale clots, stringers and in fractures; no chalcopyrite.</p> | | | | | | | | | | | | | |
| 37.0 | 43.5 | DYKE | <p>Mafic dyke as 27.0 - 34.0 m; dark green to black; aphanitic with plagioclase phenocrysts <1-2mm (rare) to medium/fine-grained equigranular; intense propylitic alteration with chlorite > epidote, but both still strong; very strongly to intensely magnetitic - invades entire groundmass; 5-10% pyrite disseminated, stringy etc - see above descriptions.</p> | | | | | | | | | | | | | |



Drillhole Report

P00-23

| | | | | | |
|------------|-----------|-----------|--------|-------------|-----------------|
| Zone | Southeast | Easting | 4034.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2110.0 | Logged By | V. Park |
| | | Elevation | 1025.0 | Comments | Wet from 21.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| From | To | LITH | Lithology Description | From | To | Tag ID | TCu % | Assay Results | | | | Alteration | | | | |
|------|------|------|---|------|------|--------|-------|---------------|--------|------|---|------------|---|----|----|----|
| | | | | | | | | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 0.0 | 8.0 | MZ | Monzonite; medium salmon-pink with weak orange limonitic staining; equigranular; excellent textures; deep orange earthy to crusty limonitic patina on fractures. | 21.0 | 28.5 | 68127 | 0.037 | 0.006 | 0.07 | 5.25 | 3 | | 1 | | | tr |
| | | | | 28.5 | 36.0 | 68128 | 0.027 | 0.001 | 0.03 | 5.81 | 1 | | 3 | | | 10 |
| | | | | 36.0 | 43.5 | 68129 | 0.040 | 0.002 | 0.04 | 4.73 | 1 | | 4 | | | 12 |
| | | | Strong pervasive potassic alteration; <5% epidote patches in k-sparic rock; minor selective clay alteration of <10% modal feldspar; felted sericite on most surfaces = weathering product; biotite rarely preserved. | 0.0 | 6.0 | 68124 | 0.015 | 0.005 | 0.03 | 3.02 | 2 | | 4 | | | 5 |
| | | | Trace sub-mm clots of pyrite. | 6.0 | 13.5 | 68125 | 0.147 | 0.030 | 0.34 | 6.14 | 4 | | 4 | | | 1 |
| | | | | 13.5 | 21.0 | 68126 | 0.039 | 0.005 | 0.05 | 5.03 | 4 | | 4 | | | 3 |
| 8.0 | 23.0 | DYKE | Mafic dyke to plagioclase porphyry diorite (PPg) locally; much as dyke intervals described in P00-21, 22 and 23, but with a slightly larger grain size, although it still remains mostly fine-grained and equigranular; includes varying quantities of coarser monzonite-like rock; difficult to tell contacts due to mixed lithologies; resembles gabbro or diabase. | | | | | | | | | | | | | |
| | | | Intense pervasive propylitic alteration, with very strong chlorite>epidote; pervasively silicified to 13.5 m; weak selective K-alteration; carbonate in fractures; <5% fragments completely altered to epidote. | | | | | | | | | | | | | |
| | | | Very strongly magnetitic groundmass, with <10% completely saturated with magnetite. | | | | | | | | | | | | | |
| | | | >10% fresh yellow pyrite as disseminated clots, stringers, fracture-fill - pyrite often appears to replace biotite; this rock is loaded!; no chalcopyrite | | | | | | | | | | | | | |
| | | | Slickensides at lower contact. | | | | | | | | | | | | | |
| | | | Wet from 21.0 m. | | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | | |
|-------------|-----------|-------------|---|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|--|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> | |
| 23.0 | 30.0 | MZ | <p>Pink monzonite, as 0.0 - 8.0 m; weak pervasive limonitic staining - could be downhole contamination?; slightly phytic with depth; see above description.</p> <p>K-alteration > epidotization, which is increasing; increased selective clay alteration of modal feldspar.</p> <p>Trace to 5% pyrite as disseminated mm-scale clots and as very subtle, ultra fine crystals.</p> | | | | | | | | | | | | | |
| 30.0 | 41.0 | DYKE | <p>Dark grey/green-grey dyke to plagioclase porphyry diorite (PPg), much as 8.0 - 23.0 m; increased grain size; very strongly magnetitic; strong but decreased chloritization (propylitic alteration), especially as plagioclase becomes more crowded and prevalent; <1% pyrite throughout.</p> | | | | | | | | | | | | | |
| 41.0 | 43.5 | MZ | <p>Monzonite, as 23.0 - 30.0 m; dominantly pink but with strong (<20%) epidotic sections; <10% yellow pyrite in fractures, as clots and stringers and sub-cm concentrations.</p> | | | | | | | | | | | | | |



Drillhole Report

P00-24

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------------|
| Zone | Southeast | Easting | 3857.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2028.7 | Logged By | V. Park |
| | | Elevation | 1042.7 | Comments | Wet from 13.5 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-------------|-----------|-------------|---|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| 0.0 | 12.0 | BX | Breccia?; probable monzonite with <10% more mafic (melanic) and dioritic fragments; very, very strong pervasive limonitic staining and silicification destroy original textures; most fragments are large and angular, breaking like glass along planes that do not honor grain boundaries; original textures are barely discernible; I'm calling this a breccia due to the slight heterolithic composition, strong magnetite content and adjacent breccia; magnetite altered to hematite pseudomorphs. | 0.0 | 6.0 | 68130 | 0.081 | 0.028 | 0.19 | 7.27 | 3 | | 5 | | tr |
| | | | <1% fresh to weakly oxidized pyrite encrustations on several fractures. | 6.0 | 13.5 | 68131 | 0.080 | 0.026 | 0.18 | 5.55 | 3 | | 5 | | tr |
| | | | Lower contact assigned at base of limonitic staining. | 13.5 | 21.0 | 68132 | 0.065 | 0.011 | 0.15 | 6.66 | 1 | | 5 | | 3 |
| | | | | 21.0 | 28.5 | 68133 | 0.045 | 0.011 | 0.10 | 6.01 | 1 | | 5 | | 2 |
| | | | | 28.5 | 36.0 | 68134 | 0.030 | 0.006 | 0.07 | 5.12 | 1 | | 5 | | 3 |
| | | | | 36.0 | 43.5 | 68135 | 0.033 | 0.006 | 0.08 | 4.14 | 2 | | 3 | | 2 |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | | |
|-------------|-----------|-------------|---|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|--|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> | |
| 12.0 | 35.0 | BX | <p>Magnetite breccia; intern=mixed equigranular monzonite (pink and/or green) with black, siliceous magnetitic plagioclase porphyry - I can't tell clasts from cement; wet from 13.5 m.</p> <p>Plagioclase porphyry (PPg): black to medium green-grey; very fine-grained equigranular groundmass (increased grain size with depth) with randomly oriented, occasionally crowded white plagioclase phenocrysts <3mm; original textures are well preserved throughout.</p> <p>Silicified with intensely magnetitic groundmass (=cement?); green hue due to weak to moderate localized chloritization; minor sericite; quartz veinlets (+/- plagioclase) <1mm.</p> <p>Matrix completely infused with magnetite, with stronger magnetite in some fractures.</p> <p><3% fresh yellow pyrite in fractures and hairline stringers and as mm-scale clots throughout; no visible copper minerals.</p> <p>Monzonite: mottled pink/green/cream with moderate to strong pervasive limonitic staining (decreasing to end of interval) that obscures colours; equigranular; excellent textures blurred slightly with silicification; locally plagioclase phyrif?</p> <p>Potassic alteration, weak to moderate and pervasive is strongest alteration - <25% of potassic rocks dotted this epidote; occasional entirely epidotized fragments.</p> <p>Weakly to moderately magnetitic - magnetite as mm-scale disseminated clots, occasional stringers and in fractures; pyrite in fractures sometimes with rusty coating; no copper minerals.</p> | | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | |
|-------------|-----------|-------------|---|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| 35.0 | 43.5 | MZ | <p>Monzonite to plagioclase porphyry monzonite (PPp) locally; possible breccia?: mottled light pink and green with grey overhue; excellent textures; <5% magnetitic plagioclase porphyry (PPg) fragments as 12.0 - 35.0 m; similar to bottom of holes P00-20 and 21.</p> <p>Propylitic alteration (epidote>chlorite with pyrite) dominates with lesser pink selective potassic alteration; <5% fragments with limonitic fractures or staining; occasional chips with chlorite>epidote; ubiquitous but minor sericite.</p> <p>Magnetite as mm-scale interstitial clots of ultra fine crystals or disseminated crystals <1/4mm.</p> <p>2-3% fresh pyrite as mm-scale blebs and as sub-mm stringers and fracture-fill - some chips with none and others with >25%; pyrite is likely part of propylitic assemblage; no copper minerals.</p> | | | | | | | | | | | | |



Drillhole Report

P00-25

| | | | | | |
|------------|-----------|-----------|--------|-------------|-----------------|
| Zone | Southeast | Easting | 3837.7 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2039.2 | Logged By | V. Park |
| | | Elevation | 1048.7 | Comments | Wet from 13.5 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 7.0 | BX | Breccia or overburden (?); 95% monzonitic rock with intense pervasive limonitic staining and <5% magnetitic and ultra fine-grained melanitic rock; orange staining over pervasive potassic alteration; equigranular to weakly feldspar phyric monzonite; incompetent and distinctly weathered-looking. Oxidation dominates; very strong pervasive K-alteration in monzonitic fragments; intense sericitization to crumbly, felted to sucrosic. Oxidized disseminated magnetite. <1% partially oxidized pyrite as interstitial clots <2-3mm and in fractures; no copper minerals. | 0.0 | 6.0 | 68136 | 0.021 | 0.006 | 0.08 | 4.43 | 4 | | 3 | | 1 |
| | | | | 6.0 | 13.5 | 68137 | 0.010 | 0.002 | 0.05 | 2.90 | 2 | | 1 | | 5 |
| | | | | 13.5 | 21.0 | 68138 | 0.018 | 0.001 | 0.06 | 4.82 | 1 | | 1 | | 7 |
| | | | | 21.0 | 28.5 | 68139 | 0.025 | 0.002 | 0.06 | 5.26 | 1 | | 5 | | 5 |
| | | | | 28.5 | 36.0 | 68140 | 0.050 | 0.002 | 0.17 | 5.44 | 1 | | 5 | | 1 |
| | | | | 36.0 | 43.5 | 68141 | 0.058 | 0.004 | 0.14 | 5.72 | 1 | | 5 | | 3 |
| 7.0 | 13.5 | MZ | Monzonite; pale pink-green; somewhat bleached-looking; although textures are easily discernible this rock looks like it has seen better days; equigranular. Weak to moderate semi-pervasive potassic alteration with lesser epidotic splotches; all surfaces dusted with sericite and/or clay; very minor localized oxidation. <5% fresh (to weakly oxidized) pyrite as disseminated crystals <<1/4mm, as mm-scale blebs and clots, sub-mm stringers and in fractures; pyrite often appears secondary after biotite; no copper minerals. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|--|---------------|----|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 13.5 | 43.5 | BX | <p>Magnetitic intrusive breccia, as P00-24 12.0 - 35.0 m; composed mostly (95-75%) of dioritic plagioclase porphyry (PPg) with 5-25% monzonitic intrusive; wet from 13.5 m.</p> <p>Plagioclase porphyry (PPg): medium to dark grey to slightly salt-and-pepper; dioritic feldspar-rich groundmass with occasional plagioclase laths <1-2mm (uncrowded porphyry); original textures well preserved and easily discerned.</p> <p>Generally unaltered, but chips appear silicified (associated with magnetite); weak propylitic alteration (epidote>chlorite) from 28.5 m and increased chlorite from 36.0 m; rare, very weak selective K-alteration; slight sericitization toward lower contact; rare quartz veinlets; one hematitic slickenside 21.0 - 28.5 m.</p> <p>Very strongly magnetitic - fine (<<1/2mm) magnetite, usually associated with quartz, completely invades rock, comprising at least 25% of some fragments.</p> <p>1-7% pyrite, fresh and yellow, occurs mostly in fractures, but also as mm-scale blebs, sub-mm stringers, disseminated crystals and ultra fine crystals in magnetite in secondary quartz; no copper minerals.</p> <p>Monzonite: strong pervasive orange staining persists throughout; equigranular; medium to strong potassic alteration with increasing but minor patchy epidote throughout; increasingly chloritic.</p> <p>Strongly magnetitic - disseminated crystals <1/4mm and blebs.</p> <p><7% pyrite on fractures and as crusty-looking interstitial blebs - occasionally (rare) replaces <25% of single chip; pyrite is occasionally oxidized; no copper minerals.</p> <p>Could limonite-stained rock be contamination from above?</p> | | | | | | | | | | | | |



Drillhole Report

P00-26

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3809.1 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2065.7 | Logged By | V. Park |
| | | Elevation | 1050.0 | Comments | |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | | Alteration | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------|------------|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 20.0 | MZ | Monzonite; pale pink-grey; <25% chips with strong pervasive limonitic staining - these fragments are larger and more angular; textures and origin; features blurred/obscured in stained rock - assume it's the same as remainder of hole; all wet. | 0.0 | 6.0 | 68142 | 0.025 | 0.011 | 0.09 | 3.04 | 2 | | 2 | | tr |
| | | | Monzonite has overall greyish colour, but is mottled pink, cream, grey and black - pinkness increases with depth; equigranular with non-phyric plagioclase (to very slightly so) white plagioclase crystals providing contrast; excellent textures. | 6.0 | 13.5 | 68143 | 0.018 | 0.008 | 0.10 | 2.47 | 3 | | 1 | | tr |
| | | | Potassic alteration starts off weak and selective but becomes slightly stronger and more pervasive with depth; occasional epidotic fractures from 13.5 m; black speckling from altered fine biotite and some disseminated magnetite; rare quartz and feldspar veinlets <1mm; selective clay alteration of plagioclase laths from 13.5 m. | 13.5 | 21.0 | 68144 | 0.024 | 0.010 | 0.06 | 2.53 | 3 | | 1 | | tr |
| | | | Weakly magnetitic; trace disseminated and blebby pyrite and pyritic fractures - increases very slightly to end of interval; no visible copper minerals. | 21.0 | 28.5 | 68145 | 0.030 | 0.009 | 0.08 | 2.60 | 3 | | 1 | | 1 |
| | | | 6.0 - 13.5 m: >90% fragments with strong pervasive limonitic staining. | 28.5 | 36.0 | 68146 | 0.023 | 0.006 | 0.08 | 2.63 | 3 | | 1 | | 1 |
| | | | 13.5 - 20.0 m: <5% dark grey magnetitic rock; thin breccia end? | 36.0 | 43.5 | 68147 | 0.031 | 0.004 | 0.10 | 2.60 | 3 | | 1 | | 1 |
| | | | Kinda transitional into: | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | | |
|-------------|-----------|-------------|---|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|--|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> | |
| 20.0 | 43.5 | MZ | <p>Monzonite, much as above but <5% fragments with pervasive limonitic staining; overall grey-pink with pink, cream, green and black mottling; dominantly equigranular with Rare plagioclase phenocrysts <1-2mm (rarely weakly clay altered); excellent textures and pearly luster.</p> <p>Moderate, semi-pervasive K-alteration intensifies to end of hole; rare epidotic fractures; rare quartz or feldspar veinlets; <20% fragments with stronger potassic alteration; faintly silicified-looking from 36.0 m.</p> <p>Fine (<1/4mm) disseminated magnetite.</p> <p>At least 1% fresh yellow pyrite occurs almost exclusively in fractures and occasionally as disseminated blebs and sub-mm stringers; very rarely oxidized on very few fractures; no visible copper minerals; overall sulfide content increases to end of hole.</p> | | | | | | | | | | | | | |



Drillhole Report

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3789.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2092.3 | Logged By | V. Park |
| | | Elevation | 1052.3 | Comments | |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 | 0 | -90 | Head Set |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | | |
|------|------|------|--|------|------|--------|---------------|--------|--------|------|------------|---|---|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 6.0 | BX | Breccia or overburden; 90% monzonite with 10% mafic fragments; strong pervasive limonitic staining; excellent textures in all; rare quartz veinlet fragments. Monzonite: orange (over pink) with dark orange to orange-red earthy limonitic coatings on fractures; equigranular with pseudo-phyric texture created by partially clay-altered plagioclase phenocrysts; cruddy biotite remnants. Weak to moderate semi-pervasive potassic alteration obscured by orange staining; minor chlorite; ubiquitous sericite after all altered minerals. Weakly magnetic - fine (<1/4mm) disseminated crystals. No visible sulfides, but limonitic fractures suggest former pyrite. Mafic rock: dark grey to fine-grained equigranular, very strongly magnetitic and silicified rock with excellent (probably intrusive) textures; rare, barely porphyritic plagioclase laths. | 0.0 | 6.0 | 68148 | 0.027 | 0.011 | 0.07 | 2.95 | 2 | | 1 | | tr |
| | | | | 6.0 | 13.5 | 68149 | 0.019 | 0.006 | 0.08 | 3.33 | 2 | | 0 | | 1 |
| | | | | 13.5 | 21.0 | 68150 | 0.017 | 0.002 | 0.00 | 3.74 | 3 | | 1 | | 5 |
| | | | | 21.0 | 28.5 | 68151 | 0.012 | 0.002 | 0.06 | 3.15 | 2 | | 2 | | 1 |
| | | | | 28.5 | 36.0 | 68152 | 0.007 | 0.001 | 0.04 | 2.73 | 3 | | 1 | | tr |
| | | | | 36.0 | 43.5 | 68153 | 0.014 | 0.002 | 0.07 | 2.89 | 4 | | 1 | | 1 |
| 6.0 | 14.0 | MZ | Monzonite, as described 0.0 - 6.0 m; weak to moderate pervasive limonitic staining gradually dies out; excellent textures. Moderate potassic alteration dominates, with ubiquitous but minor epidotic fractures and mm-scale splotches and some chlorite after modal biotite; sericite throughout. Fine, non-abundant disseminated magnetite. <1% pyrite on some fractures, as rare blebs, but mostly as ultra fine (<<1/4mm) crystals/blebs that appear secondary after biotite. Gradational into: | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|------------|--------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 14.0 | 29.0 | BX | <p>Breccia? - determination based on heterolithology, although some organic fragments 21.0 - 28.5 m indicate some downhole contamination; 95% monzonite, as 6.0 - 14.0 m with 5% mafic fragments.</p> <p>Monzonite: light pink with bright green mottling; generally equigranular but occasional phyric plagioclase phenocrysts <1-2 mm are present; excellent textures.</p> <p>K-alteration dominates and intensifies; epidotic fractures and clots are increasingly common; minor ubiquitous chlorite after biotite; weak and very selective clay alteration of plagioclase crystals; sericite throughout; one epidotic slickensided near upper contact.</p> <p>5-1% pyrite on fractures (with silica), as occasional disseminated blebs and very frequently as replacement of biotite; sulfide content rapidly decreases; weak disseminated magnetite; no copper minerals.</p> <p>Mafic rock: dark grey, homogeneous, very fine-grained feldspar-rich, silicified intrusive (dyke) with strongly magnetitic matrix; almost featureless, but with some propylitic alteration to end of hole; very, very rare imperfect plagioclase phenocrysts <1mm.</p> <p><1% very fine (<<1/4mm) disseminated pyrite on some fractures and within magnetite; siliceous groundmass; 5-10% fragments with pervasive limonitic staining and with earthy limonite on fractures.</p> | | | | | | | | | | | | |
| 29.0 | 43.5 | PPp | <p>Plagioclase porphyry monzonite to equigranular monzonite; uncrowded porphyry with white, often clay-altered plagioclase phenocrysts <1-2mm; excellent textures; pink with green and cream; wet from 36.0 m.</p> <p>Moderate to strong pervasive potassic alteration with lesser but ubiquitous epidote as splotches and fractures (and occasionally replacing entire fragments); all alterations increases with depth; moderate sericitization throughout.</p> <p>Magnetite as mm-scale interstitial clots and some disseminated crystals - not abundant.</p> <p><1% pyrite on fractures (fresh and weakly oxidized), as occasional mm-scale blebs and often as secondary clusters after biotite; no copper minerals.</p> | | | | | | | | | | | | |



Drillhole Report

| | | | | | |
|-------------------|-----------|------------------|-----------|-------------------|--------------------|
| Zone | Southeast | Easting | 3773.4 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2103.9 | Logged By | V. Park |
| | | Elevation | 1051.3 | Comments | |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | |
|------|------|------|--|------|------|--------|---------------|--------|--------|------|------------|----|---|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp |
| 0.0 | 13.5 | BX | Breccia, as P00-27 0.0 - 6.0 m; 90% monzonite with 10% mafic fragments; weak to moderate pervasive limonitic staining, especially of monzonite; weathered. Monzonite: tends toward plagioclase porphyry (PPp); equigranular with some plagioclase phyric sections; excellent textures; pervasive orange staining on most fragments and crusty limonite +/- manganese oxide coatings on fractures; oxidation is (strangely) strongest from 6.0 m. | 0.0 | 6.0 | 68154 | 0.025 | 0.012 | 0.09 | 2.69 | 3 | 1 | | tr |
| | | | | 6.0 | 13.5 | 68155 | 0.029 | 0.013 | 0.06 | 3.72 | 3 | 2 | | tr |
| | | | | 13.5 | 21.0 | 68156 | 0.050 | 0.020 | 0.14 | 3.30 | 3 | -1 | | tr |
| | | | | 21.0 | 28.5 | 68157 | 0.060 | 0.011 | 0.16 | 2.93 | 4 | -1 | | 3 |
| | | | | 28.5 | 36.0 | 68158 | 0.031 | 0.005 | 0.13 | 2.82 | 4 | -1 | | 2 |
| | | | | 36.0 | 43.5 | 68159 | 0.020 | 0.004 | 0.08 | 3.13 | 4 | -1 | | 1 |
| | | | Potassic alteration varies from moderate to very strong, selective to pervasive; plagioclase phenocrysts often altered to white clay; hematite and manganese oxide-coated, disseminated magnetite crystals <1/4mm; minor patchy epidote and minor chlorite. | | | | | | | | | | | |
| | | | Minor disseminated magnetite and rare magnetite-silica clots <1/2cm. | | | | | | | | | | | |
| | | | Trace pyrite seems secondary after biotite. | | | | | | | | | | | |
| | | | Mafic: homogeneous, medium/dark grey, very fine-grained equigranular feldspar-rich, silicified magnetitic rock with abundant weakly orange-stained sericite on most surface; rare disseminated pyrite. | | | | | | | | | | | |
| | | | No copper minerals. | | | | | | | | | | | |

Lithology

Assay Results

Alteration

| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> | |
|-------------|-----------|-------------|--|-------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|--|
| 13.5 | 43.5 | PPp | <p>Plagioclase porphyry monzonite with equigranular portions; limonitic fractures to 25.0 m; pink with white plagioclase phenocrysts <1-2mm; excellent textures and luster; wet from 13.5 m.</p> <p>Potassic alteration dominates (decreasing with depth) affecting most modal feldspar except for plagioclase, which is often clay-altered in situ; <3% weakly altered mafic minerals; <5% epidote as clots in potassic rock.</p> <p>Minor disseminated magnetite.</p> <p>3-1% pyrite, decreasing to end of interval, mostly in fractures (with silica), but also as mm-scale clots (especially from top of interval), sub-mm stringers and very, very rarely secondary after biotite; no copper minerals.</p> | | | | | | | | | | | | | |



Mount Polley Mine

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3619.7 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2234.8 | Logged By | V. Park |
| | | Elevation | 1074.7 | Comments | |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 | 0 | -90 | Head Set |

| | | Lithology | | Assay Results | | | | | | Alteration | | | | | |
|------|------|-----------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | CP | PY |
| 0.0 | 43.5 | PPp | Plagioclase porphyry (barely!) monzonite; dominantly equigranular with just enough plagioclase phenocrysts <1-2mm to be a porphyry; all textures are excellent; light pink to increasingly deeper pink; plagioclase crystals are not always K-altered and white, occasionally clay altered crystals provide contrast; weak speckling <5% due to weakly altered biotite - books and individual crystals are in good shape, occasionally altered to sericite and rare chlorite; wet from 6.0 m. | 0.0 | 6.0 | 68160 | 0.014 | 0.007 | 0.02 | 2.71 | 3 | | 2 | | tr |
| | | | Increasing K-alteration dominates; minor epidotic mottling throughout; ubiquitous sericite after everything. | 6.0 | 13.5 | 68161 | 0.016 | 0.005 | 0.02 | 2.76 | 3 | | 2 | | tr |
| | | | <5% disseminated magnetite <1/4mm, rarely <1/2mm, occasionally with oxidized surfaces - crystals are easily identified. | 13.5 | 21.0 | 68162 | 0.011 | 0.003 | 0.02 | 2.70 | 4 | | 2 | | tr |
| | | | Trace to 2% fine (<1/2mm) disseminated pyrite and pyrite blebs, in similar occurrence to and apparently replacing biotite locally; no visible copper minerals. | 21.0 | 28.5 | 68163 | 0.009 | 0.003 | 0.01 | 2.67 | 4 | | 2 | | tr |
| | | | 0.0 - 13.5 m: some limonitic fractures and rare, more pervasive staining. | 28.5 | 36.0 | 68164 | 0.009 | 0.002 | 0.03 | 3.03 | 4 | | 2 | | 2 |
| | | | 28.5 - 43.5 m: significantly increased pyrite, but as fine disseminated specks throughout groundmass and occasionally appearing to replace biotite. | 36.0 | 43.5 | 68165 | 0.012 | 0.001 | 0.02 | 2.82 | 4 | | 2 | | 1 |



Drillhole Report

P00-30

| | | | | | |
|-------------------|-----------|------------------|-----------|-------------------|--------------------|
| Zone | Southeast | Easting | 3628.9 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2212.2 | Logged By | V. Park |
| | | Elevation | 1075.0 | Comments | Wet from 13.5 m |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|-----|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|-----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au ppt | Fe % | K | A | M | cp | py |
| 0.0 | 8.0 | BX | Magnetite breccia; weathered with sericitic surfaces and limonitic fractures; dioritic intrusive with intensely magnetitic matrix; intrusive tends toward plagioclase porphyry (PPg), with monzonitic and dioritic phases - difficult to tell quantities of both; <10% dark grey, homogeneous-looking magnetitic, very strongly silicified melanic fragments; mostly greyish with orange accents; most textures are clear. | 0.0 | 6.0 | 68166 | 0.094 | 0.052 | 0.22 | 5.95 | 1 | | 5 | | |
| | | | Oxidation is weak but still strongest alteration; weak localized and selective potassic alteration; ubiquitous sericitization as dusty/felted coatings on all surfaces; limonite, hematite and manganese oxide indicate magnetite pseudomorphs - especially visible in limonitic fractures. | 6.0 | 13.5 | 68167 | 0.110 | 0.069 | 0.22 | 5.83 | 1 | | 5 | | tr |
| | | | 5->25% magnetite (<1/2mm) crystals and clots. Former sulfides might have been preserved but are now oxidized beyond recognition. | 13.5 | 21.0 | 68168 | 0.199 | 0.039 | 0.29 | 6.06 | 0 | | 5 | mal | tr |
| | | | | 21.0 | 28.5 | 68169 | 0.131 | 0.027 | 0.21 | 5.99 | 1 | | 5 | tr | 3 |
| | | | | 28.5 | 36.0 | 68170 | 0.107 | 0.025 | 0.26 | 4.89 | 2 | | 4 | | 7 |
| | | | | 36.0 | 43.5 | 68171 | 0.057 | 0.014 | 0.12 | 3.89 | 3 | | 3 | mal | 10 |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | | |
|-------------|-----------|-------------|---|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|--|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> | |
| 8.0 | 30.0 | BX | <p>Magnetite-intrusive breccia = structure; dark grey with minor orange and cream accents; host rock is weakly phyrlic plagioclase porphyry diorite; fine-grained, feldspar-rich matrix has good salt+pepper colour; white plagioclase phenocrysts and pseudo-phenocrysts are occasionally clay altered; very little variation; wet from 15.5 m.</p> <p><5% aphanitic black angular fragments that are intensely silicified and magnetitic; overall grain size increases.</p> <p>Secondary quartz with magnetite flooding throughout - locally intense, especially from 21.0 m; weak chloritization decreases; minor very selective K-alteration and <2% fragments with very strong pervasive alteration; ubiquitous sericite; rare quartz veinlets <1mm.</p> <p>Intensely magnetitic - fine (<<1/4mm) magnetite as interstitial clots, stringers etc. associated with secondary quartz and increasing to end of interval.</p> <p>>3% ultra fine disseminated pyrite occurring within and along fractures of intensely silicified, magnetitic rock - significantly more abundant from 21.0 m; trace malachite near upper contact; <1% chalcopyrite with pyrite on fractures.</p> <p>Yummy-looking.</p> <p>21.0 - 30.0 m: intense pervasive silicification with associated magnetite and pyrite and chalcopyrite; fragments break like glass; increased grain size.</p> | | | | | | | | | | | | | |

Lithology

Assay Results

Alteration

| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
|------|------|------|---|------|----|--------|-------|--------|--------|------|---|---|---|----|----|
| 30.0 | 43.5 | BX | <p>Intrusive breccia; mostly (>80%) monzonitic plagioclase porphyry with <15% diorite-magnetite intrusion as 8.0 - 30.0 m and <5% aphanitic volcanic fragments (and one kinda rounded pebble!); mottled pink, grey and orange etc.; monzonite varies from equigranular to plagioclase phyric (PPp) and is usually a nice pink (with creamy plagioclase crystals) with an occasionally orange overhue; dioritic phases as also plagioclase phyric with salt+pepper colouration; excellent textures; <5% fragments, mostly monzonite, with pervasive limonitic staining.</p> <p>Monzonitic rock shows moderate and increasing K- alteration with increasing amounts of epidote spotting - both intensify; dioritic rock shows pervasive silicification, usually associated with abundant magnetite; volcanic is unchanged.</p> <p>Plagioclase porphyry diorite (PPg); monzonite to PPp contains minor disseminated magnetite; volcanic is non-magnetitic.</p> <p>7-10% fresh yellow pyrite occurs almost exclusively in pink and green monzonitic rock as fine (<<1/4mm) disseminated crystals, as numerous interstitial mm-scale clots and stringers, as sub-cm veinlets, along selvages of rare 1-2 mm clear quartz veinlets and as an apparent replacement of biotite locally; ultra fine disseminated pyrite also occurs in silicified, magnetitic PPp.</p> <p>Trace malachite on fractures in limonite stained monzonite after 36.0 m - is this chip contamination from above?; no visible chalcopyrite.</p> | | | | | | | | | | | | |



Mount Polley Mine

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|----------------|
| Zone | Southeast | Easting | 3698.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2232.4 | Logged By | V. Park |
| | | Elevation | 1063.3 | Comments | Wet from 6.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|-----|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|-----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 7.0 | BX | Intrusive-magnetite breccia; >85% monzonitic fragments with <15% mafic fragments; orange due to strong pervasive limonitic staining; all original textures are blurred but discernible; mafic rock has limonitic surfaces and decreases pervasive staining; all rock, especially mafic, is strongly silicified; wet from 6.0 m. Monzonitic rock has pervasive potassic alteration that is overprinted by limonite stain; several feldspar crystals altered to clay; sericite on all surfaces - strongly weathered; mafic rock is ruled by silica+magnetite, but sericite exists on all fractures. Trace fresh pyrite and chalcopyrite on limonitic fractures - higher concentrations are likely, but are destroyed through weathering. | 0.0 | 6.0 | 68172 | 0.239 | 0.168 | 0.49 | 6.41 | 2 | | 5 | tr | tr |
| | | | | 6.0 | 13.5 | 68173 | 0.240 | 0.143 | 0.44 | 6.26 | 1 | | 5 | tr | tr |
| | | | | 13.5 | 21.0 | 68174 | 0.302 | 0.095 | 0.45 | 6.25 | 1 | | 5 | mal | 3 |
| | | | | 21.0 | 28.5 | 68175 | 0.235 | 0.074 | 0.33 | 6.20 | 1 | | 5 | mal | 5 |
| | | | | 28.5 | 36.0 | 71576 | 0.210 | 0.043 | 0.31 | 5.25 | 1 | | 5 | tr | 5 |
| | | | | 36.0 | 43.5 | 71577 | 0.250 | 0.036 | 0.44 | 5.52 | 1 | | 4 | tr | 6 |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 7.0 | 34.0 | BX | <p>Magnetite breccia; dark grey diorite to plagioclase porphyry diorite is completely saturated with quartz and magnetite; <10% orange-stained monzonitic rocks, as described 0.0 - 7.0 m.</p> <p>Dioritic rock has very fine-grained equigranular dark grey appearance to coarser (<1-2mm) salt+pepper diorite to plagioclase phyric textures with dark grey groundmass and plagioclase phenocrysts <1-2 mm; all original textures are discernible, but intense clear quartz flooding smoothes textures and rock often behaves like glass shards; in general, grain size increases to end of interval; strong vitreous luster throughout.</p> <p>Intensely silicified (with magnetite); weakly chloritic near top of interval, but selective K-alteration slowly increases; slight tarnish on sulfides; monzonitic rock is less silicified, with stronger, more pervasive potassic alteration and significantly increased oxidation.</p> <p>Intensely magnetitic; most fragments saturated with magnetite and quartz; monzonitic fragments have decreased disseminated magnetite; magnetite and silica are the most distinctive traits of this interval.</p> <p><5% fresh yellow to slightly oxidized pyrite as ultra fine, numerous disseminated crystals in silicified magnetitic rock and as stringers, clots and fracture-fill in all rocks; <1% chalcopyrite, usually intergrown with pyrite and/or magnetite, often on fractures; <1% malachite on fractures in orange stained magnetitic rocks (are these downhole contamination in a wt hole?).</p> <p>Nice yummy-looking rock! Transitional into:</p> | | | | | | | | | | | | |

Lithology

Assay Results

Alteration

| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
|------|------|------|---|------|----|--------|-------|--------|--------|------|---|---|---|----|----|--|
| 34.0 | 43.5 | BX | <p>Intrusive-magnetite breccia; composed of 70% magnetitic, silicified dioritic rock (as 7.0 - 34.0 m) and <30% pink, green, grey and orange monzonitic rock (as occurs in all intervals with grey-green, intensely silicified porphyry with plagioclase phenocrysts <4mm).</p> <p>Magnetite-silica rock is intensely magnetitic and silicified, with fine disseminated pyrite throughout and with pyrite and chalcopyrite on occasional fractures; potassic alteration occurs along fractures (mm-scale envelopes) and selectively within groundmass; pyrite +/- chalcopyrite also forms stringers and rare clots.</p> <p>Monzonitic rock has mottled pink and green colour due to variable epidote>>K-spar alteration that increases to end of hole; ubiquitous limonite-stained fragments; <6% pyrite as disseminated blebs, clots, stringers crystals and fracture-fill; magnetite as localized clots.</p> <p>Remaining rock is glassy-looking olive green aphanitic rock with white plagioclase phenocrysts and excellently preserved textures; hosts <6% disseminated sub-mm, yellow pyrite specks; this rock looks silicified.</p> <p>Still great-looking.</p> | | | | | | | | | | | | | |



| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------------|
| Zone | Southeast | Easting | 3688.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2209.3 | Logged By | V. Park |
| | | Elevation | 1065.1 | Comments | Wet from 36.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

Lithology

Assay Results

Alteration

| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
|------|------|------|--|------|------|--------|-------|--------|--------|------|---|---|---|----|----|
| 0.0 | 5.0 | BX | Intrusive breccia or non-brecciated monzonite; intermixed with some overburden and organics; medium orange colour due to strong, even pervasive limonitic staining; monzonite is dominantly equigranular with good textures although phytic feldspar is present; limonitic fractures where pervasive limonitic staining is weaker; fresh to manganese oxide-coated biotite; very weathered. Moderate pervasive potassic alteration obscured by orange stain; minor patchy epidote; manganese oxide after biotite and magnetite; ubiquitous sericite on all surfaces; rare hematite dots after magnetite. | 0.0 | 6.0 | 71578 | 0.252 | 0.166 | 0.14 | 3.46 | 3 | | 5 | | 1 |
| | | | 1-2% disseminated magnetite; no visible sulfides although they might be altered beyond recognition. Suddenly into: | 6.0 | 13.5 | 71579 | 0.348 | 0.129 | 0.70 | 7.94 | 1 | | 5 | | 1 |
| | | | | 13.5 | 21.0 | 71580 | 0.280 | 0.028 | 0.39 | 7.78 | 1 | | 5 | tr | 1 |
| | | | | 21.0 | 28.5 | 71581 | 0.176 | 0.010 | 0.39 | 5.99 | 1 | | 5 | tr | 1 |
| | | | | 28.5 | 36.0 | 71582 | 0.124 | 0.005 | 0.23 | 5.07 | 2 | | 5 | | 1 |
| | | | | 36.0 | 43.5 | 71583 | 0.162 | 0.026 | 0.30 | 5.34 | 2 | | 5 | | 1 |
| 5.0 | 26.0 | BX | Magnetite breccia; black fine-grained rock (volcanic/intrusive?) with <5% monzonitic rock as 0.0 - 5.0 m. Dominant lithology is dark grey, black, fine-grained equigranular homogeneous-looking rock with very rare, whitish plagioclase phenocrysts <1mm; intense silicification had blurred almost everything; I can't tell what kind of rock this is - looks more intrusive than volcanic. Intensely magnetitic - ultra fine magnetite in silica completely saturates rock. Intensely silicified; all rock flooded with clear silica that causes strong vitreous luster and fragments to break like glass with smooth surfaces that don't honour grain boundaries; sericite is also extremely common and coats many surfaces to create a dusty, pseudo-bleached appearance; could be phyllic alteration; occasional cloudy quartz veinlets <1-2mm; rare and weak selective potassic alteration. At least 1% pyrite, possibly more is usually viewed as concentrations of ultra fine crystals on fractures; ultra fine pyrite is also likely disseminated throughout magnetite-silica groundmass, but it can be so subtle that it's difficult to estimate quantities; trace chalcopyrite on fractures with pyrite. Monzonitic rock is strong K-altered and has excellent coarser texture; also shows pervasive silicification, is weakly magnetitic and hosts <1% pyrite on fractures and as mm-scale disseminated blebs and wisps. Nice-looking interval. | | | | | | | | | | | | |

Lithology

Assay Results

Alteration

| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
|------|------|------|---|------|----|--------|-------|--------|--------|------|---|---|---|----|----|--|
| 26.0 | 29.0 | DYKE | <p>Augite porphyry dyke; looks almost exactly as magnetite breccia at 5.0 - 26.0 m but hosts black to green augite crystals <1-2mm - rarely larger; grey to slightly purple aphanitic groundmass also hosts subtle and non-abundant plagioclase laths <1mm.</p> <p>Strongly silicified; strongly magnetitic; hematite after modal magnetite (pink point replacement) and augite phenocrysts.</p> <p>Becomes more crowded with augite and develops light chloritization and sericite (as powder on surfaces) to end of interval.</p> <p>Trace disseminated pyrite.</p> | | | | | | | | | | | | | |
| 29.0 | 43.5 | BX | <p>Intrusive-magnetite breccia; composed of equal grey magnetite-silica fragments as 5.0 - 26.0 m and pinkish monzonitic fragments; more abundant mt-si near top of interval grading into dominantly monzonitic rock; wet from 36.0 m.</p> <p>Monzonite: pink; equigranular to distinctly plagioclase phyric with white phenocrysts <1-2mm; strong pervasive potassic alteration; epidote fractures and sub-cm splotches added by 36.0m; disseminated magnetite; very strongly, but decreasingly silicified; hosts <2% pyrite on fractures and as mm-scale disseminated blebs.</p> <p>Mt-Si: very fine-grained, equigranular rock grading into distinctly plagioclase phyric (diorite? - PPG) and combined with equal amounts of augitic rock; silicified and magnetitic, as above; selective K-alteration; occasional sub-mm milky quartz veinlets; <1% pyrite on fractures and disseminated throughout - subtle.</p> | | | | | | | | | | | | | |



Mount Polley Mine

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3699.9 | Drilled By | Paramount |
| Length (m) | 36.0 | Northing | 2107.6 | Logged By | V. Park |
| | | Elevation | 1068.4 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 36.0 | BX | Intrusive-magnetite breccia; dominantly monzonitic rock (85-90%) with lesser (15-20%) magnetite-silica fragments; wet from surface; strong oxidation and organic fragments to end of hole = possible fault or downhole contamination an a very wet hole (qui sais?). | 0.0 | 6.0 | 71584 | 0.241 | 0.157 | 0.37 | 5.28 | 3 | | 4 | | tr |
| | | | | 6.0 | 13.5 | 71585 | 0.188 | 0.127 | 0.28 | 4.08 | 3 | | 4 | | tr |
| | | | | 13.5 | 21.0 | 71586 | 0.193 | 0.128 | 0.27 | 4.35 | 3 | | 4 | | tr |
| | | | | 21.0 | 28.5 | 71587 | 0.152 | 0.083 | 0.27 | 4.30 | 3 | | 4 | tr | 1 |
| | | | | 28.5 | 36.0 | 71588 | 0.131 | 0.066 | 0.41 | 4.03 | 3 | | 4 | | tr |

MZ->PPp: equigranular to distinctly plagioclase phyric (white rounded phenocrysts <1-2mm); pink to deep salmon-pink with strong but decreasing pervasive limonitic staining; excellent textures are blurred only where alterations are strongest.

Strong to intense pervasive K-alteration - only rare (and occasionally clay-altered) phenocrysts are unaffected; biotite altered to limonite/sericite and rare chlorite; dark red cubic pseudomorphs after disseminated magnetite and probably some pyrite; manganese oxide on several fractures and coating biotite and magnetite; limonitic fractures and pervasive staining persist but decrease; epidotic fractures and mm-scale splotches in potassic rock from 21.0 m.

Magnetitic - disseminated magnetite crystals <1/4mm (very frequently altered to hematite pseudomorphs) and mm-scale clots of ultra fine magnetite.

Trace pyrite on fracture surfaces where oxidation is significantly decreased; possibly increased former sulfide content is destroyed by weathering.

Mt-Si: black fine-grained igneous rock (looks more intrusive than volcanic) tending toward diorite and to a plagioclase porphyry with an overall increase in grain size toward end of interval; plagioclase content increases and rock develops salt+pepper colour;

Lithology

Assay Results

Alteration

| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> | |
|-------------|-----------|-------------|--|-------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|--|
| | | | <p>textures are always preserved; occasional limonitic/hematitic fractures.</p> <p>Intense quartz flooding and saturation with magnetite - both decrease slightly with depth - no other alterations are even close to this significant; weak and selective K-alteration, especially from 20.0 m.</p> <p><1% visible fresh pyrite as ultra fine disseminated crystals (usually associated with magnetite and silica) and sub-mm wispy blebs - may compose >10% of some fragments; trace chalcopyrite with pyrite.</p> <p>21.0 - 28.5 m: noticeably increased pyrite (+/- chalcopyrite) in both rock types.</p> <p>Decent-looking hole even though copper minerals are rare.</p> | | | | | | | | | | | | | |



Drillhole Report

P00-34

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|----------------|
| Zone | Southeast | Easting | 3664.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2084.8 | Logged By | V. Park |
| | | Elevation | 1069.2 | Comments | Wet from 6.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 43.5 | PPp | Plagioclase porphyry monzonite; medium pink with cream and black speckles; phyric plagioclase phenocrysts <2-3 mm; excellent textures; wet from 6.0 m. | 0.0 | 6.0 | 71589 | 0.052 | 0.028 | 0.05 | 2.35 | 3 | | 1 | | |
| | | | Even pervasive potassic alteration throughout; cream and white plagioclase crystals are not K-altered but show weak to moderate, localized sericite +/- clay alteration; epidotic fractures and mm-scale splotches from 28.5 m; minor chloritization of modal mafics; pervasive limonitic staining to 6.0 m, and occasional limonitic fractures below; ubiquitous but minor sericite. | 6.0 | 13.5 | 71590 | 0.024 | 0.014 | 0.19 | 2.04 | 4 | | 1 | | |
| | | | Weakly magnetitic - fine disseminated crystals. | 13.5 | 21.0 | 71591 | 0.014 | 0.007 | 0.04 | 1.91 | 4 | | 2 | | tr |
| | | | Very rare pyrite to 21.0 m; <1% fresh yellow pyrite on fractures after; no copper minerals. | 21.0 | 28.5 | 71592 | 0.018 | 0.006 | 0.03 | 1.78 | 4 | | 2 | | 1 |
| | | | 0.0 - 6.0 m: organics; strong limonitic staining and oxidation; orange-stained sericite coating on most surfaces; overburden. | 28.5 | 36.0 | 71593 | 0.016 | 0.005 | 0.05 | 1.78 | 4 | | 2 | | 1 |
| | | | 6.0 - 21.0 m: trace oxidized pyrite and magnetite, especially on fractures; manganese oxide; minor epidotic clots <1-2mm. | 36.0 | 43.5 | 71594 | 0.018 | 0.007 | 0.01 | 1.98 | 4 | | 2 | | tr |
| | | | 21.0 - 36.0 m: <1% pyrite on fractures - usually fresh, but also with tarnished/rusted surfaces and aureoles on fractures; ultra fine pyrite also appears to partially replace some biotite; <15% chips with strong pervasive limonitic staining and <2% sub-angular volcanic fragments - possible contamination from surface? | | | | | | | | | | | | |



Drillhole Report

| | | | | | |
|-------------------|-----------|---------------------------------|--------|-------------------|-----------------|
| Zone | Southeast | Easting | 3625.8 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2119.2 | Logged By | V. Park |
| | | Elevation | 1075.0 | Comments | Wet from 36.0 m |
| | | Depth Az Dip Survey Type | | | |
| | | 0.0 0 -90 Head Set | | | |

| From | To | LITH | Lithology Description | From | To | Tag ID | TCu % | Assay Results | | | | Alteration | | | | |
|------|------|------|--|------|------|--------|-------|---------------|--------|------|---|------------|---|----|----|--|
| | | | | | | | | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 0.0 | 10.0 | PPp | Plagioclase porphyry monzonite to equigranular monzonite; possible breccia?; strong pervasive limonitic staining; minor organics and <5% volcanic fragments and small pebbles indicate overburden; 0.0 - 6.0 m unwashed sample resembled soil; poor recovery of coarse sample; strong sericite to 6.0 m; decent textures improving to end of interval. Pervasive K-alteration obscured by orange staining and sericite; abundant manganese oxide coats former biotite; strong oxidation throughout. Weakly magnetitic - disseminated and oxidized magnetite. Rare disseminated pyrite. | 0.0 | 6.0 | 71595 | 0.109 | 0.060 | 0.06 | 4.44 | 3 | | 2 | | | |
| | | | | 6.0 | 13.5 | 71596 | 0.030 | 0.011 | 0.06 | 3.10 | 3 | | 3 | | tr | |
| | | | | 13.5 | 21.0 | 71597 | 0.058 | 0.010 | 0.81 | 3.37 | 2 | | 2 | | 15 | |
| | | | | 21.0 | 28.5 | 71598 | 0.015 | 0.001 | 0.06 | 3.70 | 3 | | 3 | | 5 | |
| | | | | 28.5 | 36.0 | 71599 | 0.013 | 0.002 | 0.04 | 3.45 | 3 | | 2 | | 3 | |
| | | | | 36.0 | 43.5 | 71600 | 0.026 | 0.004 | 0.10 | 3.40 | 2 | | 2 | | tr | |
| 10.0 | 21.0 | PPp | Plagioclase porphyry monzonite; mottled light pink; well preserved phytic texture. Moderate pervasive K-alteration affects all but euhedral, white plagioclase phenocrysts <2-3mm; minor selective clay alteration of feldspar; pyritic silica floods groundmass. Intensely pyritic with <15% pyrite (usually in silica) as disseminated crystals <1/4mm, massive clots and veinlets <1cm, ultra fine concentrations in secondary quartz that occasionally replaces >50% of rock, and in fractures; pyrite is usually fresh, but shows weak to moderate oxidation in some fractures; pyrite is also often closely associated and intergrown with magnetite; no visible copper minerals. Magnetite is more prevalent in unwashed samples but is disseminated throughout washed fragments. Very yummy-looking interval although there's no copper. | | | | | | | | | | | | | |

| Lithology | | | | | | | | Assay Results | | | Alteration | | | | |
|-----------|------|------|---|------|----|--------|-------|---------------|--------|------|------------|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 21.0 | 22.0 | DYKE | Augite porphyry dyke; dark grey aphanitic groundmass with white plagioclase laths <1-2mm and black/black-green augite phenocrysts 1-3mm; minor localized chlorite and sericite; very, very strongly magnetitic; hematite after augite and magnetite; vitreous luster; trace disseminated pyrite; no copper. | | | | | | | | | | | | |
| 22.0 | 43.5 | PPp | <p>Crowded plagioclase porphyry monzonite; feldspar phyrlic textures are much more evident than seen above; all original textures are very well preserved; occasional oxidized fractures.</p> <p>Moderate and slightly decreasing pervasive K-alteration - doesn't affect plagioclase phenocrysts, which show clay and/or sericite alteration; rare and localized epidote and chlorite.</p> <p>Disseminated magnetite.</p> <p>>5% disseminated, fracture-controlled, blebby and occasionally stringy pyrite as in 10.0 - 21.0 m; usually fresh except on rare oxidized fractures; sulfide content quickly decreases; some pyrite appears secondary after biotite and is often associated with magnetite; no visible copper minerals.</p> | | | | | | | | | | | | |



| | | | | | |
|------------|-----------|-----------|--------|-------------|-----------|
| Zone | Southeast | Easting | 3634.7 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2127.8 | Logged By | V. Park |
| | | Elevation | 1076.0 | Comments | Wet?? |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | | |
|------|------|------|--|------|------|--------|---------------|--------|--------|------|------------|---|---|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 28.0 | PPp | Plagioclase porphyry monzonite to equigranular monzonite - quite variable; moderate orange over pink; sericitic/limonitic surfaces near surface; excellent textures; crowded porphyry locally; ubiquitous manganese oxide after biotite and magnetite. | 0.0 | 6.0 | 68176 | 0.035 | 0.016 | 0.08 | 2.43 | 4 | 2 | | tr | |
| | | | | 6.0 | 13.5 | 68177 | 0.042 | 0.018 | 0.31 | 2.31 | 4 | 2 | | tr | |
| | | | | 13.5 | 21.0 | 68178 | 0.040 | 0.014 | 0.33 | 2.51 | 4 | 2 | | tr | |
| | | | | 21.0 | 28.5 | 68179 | 0.017 | 0.004 | 0.07 | 2.51 | 4 | 2 | | tr | |
| | | | | 28.5 | 36.0 | 68180 | 0.021 | 0.006 | 0.09 | 2.82 | 4 | 2 | | tr | |
| | | | | 36.0 | 43.5 | 68181 | 0.015 | 0.005 | 0.10 | 2.77 | 3 | 2 | | tr | |
| | | | <p>Strong K-alteration affects most modal minerals except for many plagioclase phenocrysts that remain fresh and white or are weakly clay and/or sericite altered; strong pervasive limonitic staining; crusty limonitic fractures with manganese oxide; minor patchy chlorite.</p> <p><1% pyrite, usually oxidized, on fractures and in cores of disseminated black clots <1mm; from 13.5 m, much of pyrite remains fresh to weakly tarnished; no visible copper minerals.</p> <p>Limonitic staining decreases to end of holes.</p> | | | | | | | | | | | | |
| 28.0 | 30.0 | DYKE | Augite porphyry dyke; dark grey aphanitic to micro-sucrosic groundmass with white feldspar laths <<1/2mm to >1mm and black augite phenocrysts <3mm; moderately to strongly magnetitic; dark red hematite after some augite and magnetite; thin pyritic coating on rare fractures; no copper. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | |
|-------------|-----------|-------------|--|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| 30.0 | 43.5 | PPp | <p>Plagioclase porphyry monzonite to monzonite, as 0.0 - 28.0 m but with decreased limonitic staining as mm-scale alteration envelopes around fractures - rarely thicker; excellent textures; see description above.</p> <p><1% pyrite, no copper minerals.</p> <p>5% augite porphyry dyke material - I have no idea where to assign this; dyke at 28.0 - 30.0 m might belong at 35.0 - 36.5 m?</p> | | | | | | | | | | | | |



Mount Polley Mine

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3723.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2115.9 | Logged By | V. Park |
| | | Elevation | 1061.9 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 | 0 | -90 | Head Set |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | | |
|------|------|------|--|------|------|--------|---------------|--------|--------|------|------------|---|---|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 43.5 | MZ | Monzonite to plagioclase porphyry monzonite (PPP); possible breccia; very, very wet from surface; sub-rounded milky quartz pebbles to 28.5 m and <5% volcanic fragments throughout = contamination or overburden; volcanic fragments might indicate breccia, but this doesn't look like a good breccia. Medium to dark even orange colour due to strong pervasive limonitic staining that persists to end of hole; medium pink (prior to staining) monzonite; volcanic is dark grey; dominantly equigranular although localized patches host weakly phyrlic, clay-altered, white plagioclase phenocrysts <1-2mm - especially 6.0 - 28.5 m; original textures are preserved. Oxidation and associated staining prevails; potassic alteration from weak to strong is always present; entire feldspar-rich rock is soft-looking and often opaque due to weathering with alteration to clay and sericite; patchy epidote and chlorite below 21.0 m; ubiquitous sericite. 0.0 - 6.0 m: very large fragments and pebbles typical of unconsolidated material/overburden; strongly muscovitic intrusive fragments that lack mafic are different than is typically seen. 0.0 - 28.5 m: <5% rounded/sub-rounded barren milky quartz pebbles <1/5cm. 6.0 - 43.5: <5% black, angular volcanic fragments - not magnetitic, not mineralized, no orange staining; schistose texture 6.0 - 13.5 m. From 21.0 m: 5-10% monzonite, definitely equigranular, with slightly decreased orange staining and potassic alteration, but with greenish hue due to moderate to strong chlorite and epidote. | 0.0 | 6.0 | 68182 | 0.092 | 0.051 | 0.19 | 3.33 | 1 | | | 2 | |
| | | | | 6.0 | 13.5 | 68183 | 0.049 | 0.024 | 0.08 | 2.99 | 3 | | | 2 | |
| | | | | 13.5 | 21.0 | 68184 | 0.072 | 0.041 | 0.08 | 4.04 | 3 | | | 3 | |
| | | | | 21.0 | 28.5 | 68185 | 0.073 | 0.047 | 0.06 | 3.15 | 3 | | | 2 | |
| | | | | 28.5 | 36.0 | 68186 | 0.093 | 0.063 | 0.08 | 3.39 | 3 | | | 3 | tr |
| | | | | 36.0 | 43.5 | 68187 | 0.101 | 0.047 | 0.12 | 2.98 | 2 | | | 2 | 1 |

Lithology

Assay Results

Alteration

From To LITH Description From To Tag ID TCu % CuNS % Au gpt Fe % K A M cp py

Weakly to moderately magnetitic; magnetite crystals <1/4mm as black to red-black disseminated specks; trace pyrite; no chalcopyrite.

36.0 - 43.5 m: <10% fragments with <5% pyrite on fractures and as mm-scale disseminated blebs that appear to replace some former biotite locally; no copper minerals.



| | | | | | |
|------------|-----------|-----------|--------|-------------|-----------|
| Zone | Southeast | Easting | 3727.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2106.1 | Logged By | V. Park |
| | | Elevation | 1062.1 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 43.5 | MZ | Monzonite to plagioclase porphyry monzonite (PPp) locally; similar to P00-37 but looks more like weathering in situ rather than overburden; medium to dark orange (over pink) due to strong, even pervasive limonitic staining that persists to end of hole; wet from surface. | 0.0 | 6.0 | 68188 | 0.150 | 0.091 | 0.05 | 2.88 | 3 | | 1 | | |
| | | | Dominantly equigranular with very localized phyric plagioclase; textures are reasonably well-preserved; slightly heterolithic (minor volcanics and some overburden- like volcanic pebbles <1/2cm). | 6.0 | 13.5 | 68189 | 0.058 | 0.033 | 0.02 | 2.22 | 4 | | 1 | | |
| | | | Limonic staining and stronger limonite on fractures dominates; all rock with moderate to strong pervasive K-alteration - affects some plagioclase crystals to a slightly lesser degree; entire rock has an opaque, soft-looking, definitely weathered, clayish alteration; ubiquitous manganese oxide. | 13.5 | 21.0 | 68190 | 0.057 | 0.031 | 0.04 | 2.79 | 4 | | 1 | | |
| | | | Minor disseminated magnetite, increases very slightly from 21.0 m. | 21.0 | 28.5 | 68191 | 0.047 | 0.022 | 0.04 | 2.72 | 3 | | 2 | | |
| | | | 0.0 - 21.0 m: uniform, homogeneous. | 28.5 | 36.0 | 68192 | 0.043 | 0.021 | 0.05 | 2.56 | 3 | | 2 | | |
| | | | 21.0 - 43.5 m: <5% fine-grained monzonite with intense hematitic staining; <5% boring black volcanic fragments; <15% pink-grey monzonite with decreased limonitic staining and <1% pyrite from 36.0 m; minor epidotic fractures; possible breccia? - still not very interesting. | 36.0 | 43.5 | 68193 | 0.122 | 0.048 | 0.12 | 2.73 | 3 | | 2 | | tr |



Drillhole Report

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3707.1 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2215.6 | Logged By | V. Park |
| | | Elevation | 1063.8 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 43.5 | BX | Magnetite-intrusive-volcanic breccia; hand sample shows magnetitic grey volcanic clasts within monzonitic cement; drill chips are dominated by clast material with increasing, but still lesser, amounts of monzonitic cement to end of hole. | 0.0 | 6.0 | 68194 | 0.216 | 0.140 | 0.39 | 6.30 | 1 | | 5 | | tr |
| | | | In general, magnetite-volcanic clasts are fine-grained, mostly equigranular but with local phyric plagioclase <1mm and with variable silicification; monzonite shows strong pervasive limonitic staining and K-alteration, has good textures and host increasing quantities of disseminated pyrite; strongly magnetitic throughout; trace pyrite increases to 5%; variably silicified; pretty yummy-looking even though copper minerals (rare chalcopyrite) are very, very rare. | 6.0 | 13.5 | 68195 | 0.184 | 0.117 | 0.39 | 7.36 | 0 | | 5 | | tr |
| | | | 0.0 - 13.5 m: clast-supported - >80% black volcanic fragments and <20% monzonitic cement; clasts are very fine-grained equigranular with faintly discernible textures and localized plagioclase phenocrysts; very, very strongly magnetitic groundmass; earthy limonite on fractures is common but decreasing; faint to increasingly strong quartz flooding with subtle hairline stringers to end of interval; hosts <1% disseminated pyrite blebs <1mm - usually tarnished/rusted; monzonite is pink with strong orange staining; excellent textures with fine disseminated magnetite; some fragments host <1% pyrite at cores of magnetite; transitional into: | 13.5 | 21.0 | 68196 | 0.174 | 0.060 | 0.31 | 7.31 | 1 | | 5 | 1 | 1 |
| | | | 13.5 - 28.5 m: as 0.0 - 13.5 m, but quartz veinlets <1mm and increased calcite and feldspar stringers/veinlets; increased silicification; intense magnetite, often with silica; <1% to 5% disseminated and fracture-controlled pyrite - ultra fine disseminated in silica-magnetite fragments and as more obvious | 21.0 | 28.5 | 68197 | 0.184 | 0.041 | 0.43 | 6.78 | 0 | | 5 | tr | 5 |
| | | | | 28.5 | 36.0 | 68198 | 0.169 | 0.040 | 1.02 | 7.32 | 1 | | 5 | tr | 5 |
| | | | | 36.0 | 43.5 | 68199 | 0.111 | 0.068 | 0.35 | 5.76 | 1 | | 5 | | 5 |

Lithology

Assay Results

Alteration

| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
|------|----|------|--|------|----|--------|-------|--------|--------|------|---|---|---|----|----|
| | | | <p>disseminated clots <1mm in monzonite; trace to 1% chalcopyrite with magnetite+silica, usually in fractures; half of monzonite (to diorite) lacks limonitic staining; all grain sizes increase; transitional into:</p> <p>28.5 - 43.5 m: breccia is now dominated by intrusive - <15% volcanic fragments; monzonite (to monzodiorite) is equigranular with rare phyrlic sections; K-alteration is selective; occasional limonitic fractures and rare pervasive limonitic staining as sub-mm envelopes; selective epidotization too; occasional chips are mottled pale pink-green; weakly silicified; strongly magnetitic; at least 5% fresh yellow pyrite disseminated as mm-scale blebs, in fractures, as stringers and locally completely invading interstices to create massive concentrations <1cm; chalcopyrite (with bornite) is very, very rare, occurring in fractures; sulfides decrease from 36.0 m; increased chloritization from 36.0 m.</p> <p>Nice-looking hole, except there is not much copper.</p> | | | | | | | | | | | | |



| | | | | | |
|------------|-----------|-----------|--------|------------|-------------|
| Zone | Southeast | Easting | 3709.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2202.0 | Logged By | V. Park |
| | | Elevation | 1063.4 | Comments | All wet |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| | | Lithology | | Assay Results | | | | | | Alteration | | | | | |
|------|------|-----------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|-------|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 35.0 | BX | Magnetite-intrusive-volcanic breccia, similar to P00-39 0.0 - 43.5 m (especially 0.0 - 28.5 m), but with decreased quantity of volcanic clast fragments. IN general, >80% dark grey, often plagioclase phyrlic, fine-grained mafic intrusive (micro diorite?) with intensely magnetitic matrix that is also silicified - not dissimilar to finer-grained volcanic clasts in P00-39; <5% very fine-grained volcanic clast fragments without phyrlic texture; remaining rock is monzonite to plagioclase porphyry monzonite (PPp) with pervasive potassic alteration and very strong to intense pervasive limonitic staining that decreases with depth. Silicified and weakly quartz veined; secondary quartz usually associated with magnetite; weak selective K-alteration in mafic volcanic/intrusive - stronger in monzonite; minor patchy epidote and chlorite; feldspar clots and veinlets, clay altered, increasingly common. Trace to >7% pyrite, as mm-scale disseminated clots in monzonite and as much finer disseminated crystals in silicified mafic rock; trace chalcopyrite +/- bornite on rare fractures, usually associated with magnetite. Intensely magnetitic - ultra fine magnetite completely infuses rock. 0.0 - 6.0 m: larger fragments and sub-angular pebbles = weathered rock and minor overburden; limonitic fractures common; <5% of rock (monzonite) with strong orange stain; silicified; trace fine disseminated pyrite and rare blebs; one speck of malachite on fracture; grungy-looking weathered rock. 6.0 - 21.0 m: <5% orange-stained monzonite; increased pervasive silicification; igneous textures improve; very weak selective potassic alteration; | 0.0 | 6.0 | 68200 | 0.284 | 0.171 | 0.83 | 8.52 | 1 | | 5 | tr, | tr |
| | | | | 6.0 | 13.5 | 68201 | 0.262 | 0.144 | 0.50 | 8.03 | 1 | | 5 | 1, b | tr |
| | | | | 13.5 | 21.0 | 68202 | 0.149 | 0.067 | 0.27 | 7.24 | 1 | | 5 | tr, b | tr |
| | | | | 21.0 | 28.5 | 68203 | 0.159 | 0.041 | 0.25 | 7.59 | 1 | | 5 | | 5 |
| | | | | 28.5 | 36.0 | 68204 | 0.211 | 0.030 | 0.48 | 6.55 | 1 | | 5 | tr | 5 |
| | | | | 36.0 | 43.5 | 68205 | 0.147 | 0.015 | 0.98 | 4.65 | 1 | | 3 | tr | 7 |

| Lithology | | | Assay Results | | | | Alteration | | | | | | | | |
|-----------|------|------|--|------|----|--------|------------|--------|--------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| | | | <p>slightly increased propylitic alteration; slight overall increase in grain size; trace disseminated pyrite - fine in mafic, blebby in monzonite; <1% chalcopyrite +/- bornite on fractures associated with magnetite and silica - rarely oxidized - not widespread, just in higher concentrations locally.</p> <p>21.0 - 35.0 m: similar to above but most rock has a salt-and-pepper, more dioritic appearance and volcanic fragments (5-10%) are finer-grained; increased silicification and milky quartz veinlets 1-2 mm are common; overall increased grain size; >7% pyrite in fractures, as disseminated clots and crystals, stringers etc. - occasionally replacing <20% of some chips; trace chalcopyrite associated with magnetite and in higher concentrations in some fractures; stronger propylitic alteration dominates over weak selective potassic alteration; fairly sharply into:</p> | | | | | | | | | | | | |
| 35.0 | 43.5 | MZ | <p>Monzonite; pale pink-grey; equigranular; possible breccia but is homolithic so it's difficult to tell; 5-20% biotite, often fresh; excellent textures.</p> <p>Very selective potassic alteration creates faint pink, sub-continuous pink hue and epidote as occasional mm-scale spots occurring in K-altered chips; minor ubiquitous sericite.</p> <p>Strongly magnetitic - fine clots disseminated throughout.</p> <p>>7% pyrite as mm-scale clots, lenses and interstitial, interconnected networks composed of very fine (<1/4mm) anhedral crystals; occurrence of pyrite is similar to that of biotite and magnetite; in rare instances, pyrite replaces >25% of rock; very, very rare chalcopyrite.</p> <p>One chip of monzonite with intense pervasive limonitic staining and one speck of malachite is probable contamination from above.</p> | | | | | | | | | | | | |



Drillhole Report

P00-41

| | | | | | |
|------------|-----------|-----------|--------|------------|-------------|
| Zone | Southeast | Easting | 3711.6 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2185.6 | Logged By | V. Park |
| | | Elevation | 1061.5 | Comments | All wet |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| | | Lithology | | Assay Results | | | | | | | Alteration | | | | |
|------|------|-----------|--|---------------|------|--------|-------|--------|--------|------|------------|---|---|-----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 38.0 | BX | Magnetite- intrusive-volcanic breccia, much as described in P00-39 0.0 - 43.5 and P00-41 0.0 35.0 m; contains >80% mafic intrusive and/or volcanic (probable breccia clasts) with remaining rock a monzonitic cement; mafic rock is dark grey; monzonite is usually pink; K-alteration dominates in monzonite; propylitic alteration and silica dominates in mafic intrusive./volcanic; ubiquitous sericite; minor chalcopyrite, bornite and malachite on fractures; pyrite contents increases to end of hole; wet from surface. | 0.0 | 6.0 | 68206 | 0.348 | 0.227 | 0.57 | 7.97 | 1 | | 5 | tr | tr |
| | | | | 6.0 | 13.5 | 68207 | 0.218 | 0.126 | 0.37 | 6.53 | 2 | | 5 | tr, | tr |
| | | | | 13.5 | 21.0 | 68208 | 0.197 | 0.117 | 0.30 | 6.70 | 2 | | 5 | tr, | tr |
| | | | | 21.0 | 28.5 | 68209 | 0.183 | 0.082 | 0.28 | 6.04 | 2 | | 5 | tr, | tr |
| | | | | 28.5 | 36.0 | 68210 | 0.134 | 0.057 | 0.20 | 5.31 | 2 | | 5 | tr | 5 |
| | | | | 36.0 | 43.5 | 68211 | 0.071 | 0.034 | 0.13 | 4.26 | 3 | | 4 | tr | 7 |
| | | | 0.0 - 6.0 m: very weathered breccia or overburden; larger angular fragments with crusty limonite on all surfaces; >90% homogeneous-looking very fine-grained mafic, magnetic rock with slight glassy appearance and manganese oxide on fracture planes; monzonite has deep K-alteration overprinted by pervasive limonitic staining, manganese -oxide-coated magnetite and biotite, disseminated magnetite and good but sericitized textures - speckled orange and black; likely contained significant sulfides, but oxidation has destroyed all but the most trace amounts of pyrite and chalcopyrite on siliceous fracture surfaces. | | | | | | | | | | | | |
| | | | 6.0 - 21.0 m: much as above but without strong oxidation and rare limonite on fractures; >80% mafic rock (micro-diorite to volcanic) with feldspar-rich, equigranular to distinctly plagioclase phytic and a grain size ranging from aphanitic to 1-2mm; mafic rock is saturated with magnetite (with minor silica); selective K-alteration affects <50% of modal feldspar, often less; remaining rock is variably epidote and chlorite altered; hemalite after magnetite locally; | | | | | | | | | | | | |

Lithology

Assay Results

Alteration

| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> | |
|-------------|-----------|-------------|--|-------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|--|
| | | | <p>weakly silicified; trace fresh pyrite and/or chalcopyrite on fractures; rare dots of malachite.</p> <p><20% dark salmon-pink plagioclase porphyry monzonite (PPp) with intense pervasive K-alteration; plagioclase phenocrysts 1-2mm often remain white and variably clay altered; abundant disseminated magnetite crystals <1/4mm and blebs <1mm; trace pyrite, chalcopyrite, malachite and bornite.</p> <p>21.0 - 38.0 m: as above, but with >50% K-altered monzonite and <50% mafic rock (equal dioritic coarser-grained rock and very fine-grained, more volcanic-like fragments); similar to P00-40 21.0 - 35.0 m); mafic rock is more salt-and-pepper dioritic phase with increasing silicification; selective K-alteration and pervasive silicification with several milky quartz veinlets <2mm; <1% chalcopyrite (+/- bornite) and malachite on silicified fracture planes and often associated with intense magnetite infusion; monzonite to PPp shows intense yet decreasingly pervasive K-alteration with minor epidote flecks and abundant modal magnetite; trace chalcopyrite and malachite in disseminated blebs; <5% pyrite in interstitial clots and blebs, as below.</p> | | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 38.0 | 43.5 | MZ | <p>Monzonite to plagioclase porphyry monzonite, similar to P00-40 35.0 - 43.5 m; mostly pale pink-grey/cream with <10% showing pervasive limonitic staining that likely originated as fracture envelopes; possible breccia, but difficult to determine because it's homolithic; equigranular; excellent textures; rare pyritic plagioclase 2-3mm.</p> <p>Weak semi-pervasive potassic alteration creates pink hue; epidote replaces <10% of chips that are also K-altered and is common in fractures; rare chips composed of white feldspar and green epidote only; ubiquitous and locally very strong sericite; occasional incompetent clay altered chips; oxidation and deep limonitic staining also prevalent - these chips have manganese oxide on fractures; very subtle hairline (<1/4mm) clear quartz veinlets, randomly oriented, create a micro-crackle breccia locally.</p> <p>Very strongly magnetic - fine black magnetite crystals and blebs disseminated throughout and occupying interstices.</p> <p><7% yellow, fresh to weakly tarnished pyrite in similar occurrences as magnetite (and intergrown with) form interstitial clots, stringers and blebs etc. - may comprise >25% of some fragments; pyritic fractures; no copper minerals.</p> | | | | | | | | | | | | |



| | | | | | |
|------------|-----------|-----------|--------|------------|-------------|
| Zone | Southeast | Easting | 3712.1 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2171.6 | Logged By | V. Park |
| | | Elevation | 1061.5 | Comments | All wet |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | |
|------|------|------|---|------|------|--------|---------------|--------|--------|------|------------|---|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp |
| 0.0 | 25.0 | BX | Magnetite - intrusive - volcanic breccia, as described in holes P00-39, -40 and -41; heterolithic; composed of 30% orange-stained monzonite, 10% pink monzonite, 20% salt+pepper diorite to plagioclase porphyry (PPp) and 20% silicified, magnetitic diorite (or volcanic?). | 0.0 | 6.0 | 68212 | 0.122 | 0.019 | 0.14 | 5.37 | 3 | 4 | tr | tr |
| | | | MZ: deep pink to orange; fragments with intense pervasive limonitic staining persist to end of hole and might represent down hole contamination in a very wet hole; equigranular with excellent textures and strong pearly luster locally; one chip shows contact of potassic rock with magnetite-silica PPg - rare to see. | 6.0 | 13.5 | 68213 | 0.140 | 0.085 | 0.22 | 5.77 | 2 | 4 | tr | 1 |
| | | | Very , very strong pervasive potassic alteration; minor epidote from 13.5 m; localized silicification; mm-size biotite speckles. | 13.5 | 21.0 | 68214 | 0.113 | 0.046 | 0.13 | 5.09 | 4 | 4 | tr | tr |
| | | | Disseminated magnetite <1/4 mm - also lines fractures. | 21.0 | 28.5 | 68215 | 0.033 | 0.015 | 0.04 | 3.50 | 4 | 3 | | tr |
| | | | <1% pyrite and trace chalcopyrite as irregular mm-scale blebs and sometimes in fractures. | 28.5 | 36.0 | 68216 | 0.024 | 0.013 | 0.10 | 3.07 | 3 | 3 | | 1 |
| | | | Rocks with pervasive orange staining are as just described, but earthy limonite and speckly manganese oxide are on most surfaces. | 36.0 | 43.5 | 68217 | 0.021 | 0.007 | 0.05 | 2.49 | 1 | 2 | | 3 |
| | | | PPg: plagioclase porphyry diorite; salt+pepper with localized greenish hue due to chloritization; good textures; rare patchy limonite. | | | | | | | | | | | |
| | | | Strongly silicified and infused with magnetite; rare hairline clear quartz veinlets; minor very selective potassic alteration. | | | | | | | | | | | |
| | | | <1% pyrite +/- chalcopyrite, often with magnetite +/- silica as disseminated blebs and on fractures. | | | | | | | | | | | |
| | | | Magnetite-silica rock is fine-grained, black and appears to be solely composed of magnetite and quartz and hosts <1% pyrite with lesser chalcopyrite | | | | | | | | | | | |

Lithology

Assay Results

Alteration

| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
|------|------|------|---|------|----|--------|-------|--------|--------|------|---|---|---|----|----|
| | | | as blebs and on fractures; ultra fine pyrite, also disseminated. Increasingly common from 20.0 m; volcanic? | | | | | | | | | | | | |
| 25.0 | 43.5 | MZ | Monzonite to plagioclase porphyry monzonite; possible breccia; similar to P00-40 35.0 - 43.5 m and P00-41 38.0 - 43.5 m. Pale pink to pink-green to pale green-white; equigranular with localized clay altered plagioclase phenocrysts <1-2mm; <5% black volcanic fragments are probably downhole contamination in a very wet hole - if not, then this is a weak volcanic breccia; all textures are very well preserved; good biotite books and some hornblende, decreasing to end of hole, are more obvious than is typical. Strong pervasive K-alteration dominates to 30.0 m, then epidote and K-spar alterations are equal to 37.0 m where epidotization becomes prevalent; minor ubiquitous sericite. Disseminated magnetite <1/4mm (occasionally to 1/2mm) decreases to end of hole - easily seen on fractures where cubes are oxidized and/or coated with manganese oxide. <3% disseminated pyrite clots <1cm (composed of ultra fine crystals) and blebs <1mm on fractures, in interstices, as rare stringers - increasingly amounts to end of hole - possibly part of propylitic assemblage. | | | | | | | | | | | | |



Drillhole Report

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3714.4 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2161.0 | Logged By | V. Park |
| | | Elevation | 1062.1 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|-----|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 5.5 | MZ | Monzonite with wood chips; light greenish grey with 1-2 orange fragments; equigranular with occasional slightly phytic feldspar phenocrysts; original textures are easily discernible, except in rare pieces with intense pervasive limonitic staining; rare biotite. Semi-pervasive epidotization with sericite creates light green hue; selective potassic alteration turns <50% of modal feldspar pale pink; some larger feldspar crystals show partial argillic alteration; ubiquitous sericite. | 0.0 | 6.0 | 68218 | 0.078 | 0.044 | 0.06 | 3.06 | 1 | | 2 | | tr |
| | | | | 6.0 | 13.5 | 68219 | 0.178 | 0.089 | 0.20 | 6.49 | 2 | | 4 | tr | tr |
| | | | | 13.5 | 21.0 | 68220 | 0.093 | 0.041 | 0.12 | 4.22 | 2 | | 4 | tr | tr |
| | | | | 21.0 | 28.5 | 68221 | 0.099 | 0.026 | 0.12 | 4.79 | 2 | | 4 | tr | 1 |
| | | | | 28.5 | 36.0 | 68222 | 0.107 | 0.016 | 0.14 | 4.94 | 1 | | 4 | tr | 1 |
| | | | | 36.0 | 43.5 | 68223 | 0.055 | 0.013 | 0.08 | 3.83 | 1 | | 3 | 1 | 3 |
| | | | Disseminated magnetite cubes <1/4mm, often oxidized to limonite pseudomorphs; more magnetic than quantity of magnetite suggests. | | | | | | | | | | | | |
| | | | Trace pyrite - minor fresh to tarnished, very fine crystals within sub-mm clusters of ore oxidized pyrite - appears to replace biotite locally; no copper minerals. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|--------|------------|------|---|---|---|----|----|--|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 5.5 | 34.0 | BX | <p>intrusive-magnetite breccia with more magnetitic intervals; weak heterolithology is strongest indication that this is a breccia; quite variable throughout with differing quantities of equigranular monzonite (MZ), monzonitic and dioritic plagioclase porphyry (PPp and PPg), magnetite-silica (Mt-Si) melanic rock - all affected with variable potassic alteration, propylitic alteration and silicification; all rock types are magnetitic and host pyrite and very rare chalcopyrite; organic material (likely contamination from surface introduced during sampling) to 21.0 m; general lithological descriptions as follows:</p> <p>PPg: plagioclase porphyry diorite; medium to dark grey; fine to slightly more coarse grained; magnetitic; feldspar-rich groundmass with cloudy to white plagioclase laths <1-2mm (often crowded and rarely trachytic); weakly pervasive silicification associated with magnetite; moderate but very selective K-alteration; increasingly chlorite; less common to end of hole, especially after 20.0 m; trace disseminated pyrite with very rare chalcopyrite intergrown.</p> <p>PPp: plagioclase porphyry monzonite; deep salmon-pink, very strongly potassically altered feldspar-rich groundmass with generally uncrowded white, occasionally clay-altered plagioclase phenocrysts <1-2mm; fine disseminated magnetite; trace disseminated pyrite; increasingly common to lower contact.</p> <p>MZ: monzonite; equigranular, medium-grained; mostly pink, but also green and pink and totally green due to variable potassic versus propylitic alteration; in general, K-alteration decreases and propylitic alteration increases to end of interval; excellent textures; disseminated magnetite crystals <1/4mm and as mm-scale clots of ultra fine magnetite; disseminated and blebby pyrite.</p> <p>DR/Mt-Si: diorite; dark grey; fine to medium-grained intrusive with intensely magnetitic and silicified groundmass; increasingly abundant to end of interval; same as melanic magnetite-silica rock described in P00-39 through P00-42; grain size increases slightly with depth; rarely salt+pepper, but usually more grey; very rare plagioclase phenocrysts <2mm; chloritization is moderate to strong and imparts strong medium green hue, especially where magnetite content is decreased; subtle, moderate and very</p> | | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|------------|--------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| | | | <p>selective potassic alteration; silicified groundmass; occasionally cloudy quartz veinlets <2-3mm; intensely magnetitic, with some chips hosting 25->50% ultra fine magnetite in silica; <1% ultra fine disseminated pyrite and sub-mm pyritic fractures and trace to <1% chalcopyrite (with magnetite and pyrite) as mm-scale clots and ultra fine disseminations, especially in mt-si rock; sulfide content is not consistent and invariably forms higher (to >10%) concentrations; this is the best-looking rock - mineralized cement?</p> <p>6.0 - 13.5 m: 50 PPG: 30 MZ: 20 Mt-Si; potassic alteration dominates</p> <p>13.5 - 21.0 m: 70 MZ: 30 DR+Mt-Si; strong potassic alteration in MZ; strong chloritization in rest</p> <p>21.0 - 34.0 m: 60 Mt-Si/DR: 40 MZ; intense silica; increased chloritization in dioritic rock; strong potassic = propylitic alterations in monzonite; occasional fragments with gneissic texture; one fragment shows clear alteration zoning with 1-2mm magnetite-silica-pyrite veinlets with 2-3mm potassic alteration then remaining propylitic alteration; increased sulfides, especially in mt-si rock with abundant ultra fine disseminated pyrite and obvious increase in chalcopyrite (still <1%) as blebs and ultra fine disseminated crystals in mt-si rock.</p> | | | | | | | | | | | | |
| 34.0 | 43.5 | BX | <p>Monzonite breccia; >90% monzonite to plagioclase porphyry (PPp) with <10% Mt-Si dioritic rock as described above; equigranular with obviously phyrlic sections; excellent textures.</p> <p>MZ: strong epidotization with ubiquitous selective potassic alteration; <25% chips with strong K-alteration; <3% biotite in books; disseminated magnetite - less than in MZ above; <3% fresh pyrite in fractures, as disseminated crystals and blebs, as stringers and rarely intergrown with magnetite.</p> <p>Mt-Si: fine-grained, chloritized dioritic intrusive with <1% chalcopyrite and <3% pyrite - ultra fine disseminated and stringer; strongly silicified and yummy-looking.</p> | | | | | | | | | | | | |



Drillhole Report

P00-44

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|----------------|
| Zone | Southeast | Easting | 3712.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2144.1 | Logged By | V. Park |
| | | Elevation | 1060.7 | Comments | Wet from 6.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|-----|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | CP | py |
| 0.0 | 10.0 | BX | Magnetite-magnetite breccia; overall mottled black and pink; >70% magnetitic, silicified very fine-grained intrusive (as described in P00-39 through -43) with <30% dark pink monzonite; some very slightly rounded pebbles; decent textures; very, very rare oxidized fractures; wet from 6.0 m. | 0.0 | 6.0 | 68224 | 0.164 | 0.077 | 0.18 | 5.76 | 3 | 4 | tr | tr | |
| | | | Mt-Si/DR: grey to green-grey; increasingly silicified; equigranular; no visible variability with only one salt+pepper plagioclase-rich chip; infused with magnetite and silica; <1% sub-mm disseminated blebs and pyrite>chalcopyrite, occasionally oxidized. | 6.0 | 13.5 | 68225 | 0.116 | 0.047 | 0.12 | 5.13 | 3 | 4 | mal | 1 | |
| | | | MZ: deep pink with strong pervasive potassic alteration; minor disseminated magnetite; trace disseminated pyrite; malachite on one fracture. | 13.5 | 21.0 | 68226 | 0.080 | 0.041 | 0.09 | 4.33 | 3 | 4 | tr | tr | |
| | | | Strong sericitization, especially near surface. | 21.0 | 28.5 | 68227 | 0.082 | 0.029 | 0.10 | 4.35 | 3 | 4 | tr | tr | |
| | | | Transitional into: | 28.5 | 36.0 | 68228 | 0.124 | 0.022 | 0.10 | 4.90 | 1 | 4 | tr | 1 | |
| | | | | 36.0 | 43.5 | 68229 | 0.110 | 0.018 | 0.09 | 5.27 | 1 | 4 | tr | tr | |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|------------|--------|------|---|---|---|----|----|--|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 10.0 | 28.0 | BX | <p>Intrusive breccia, much as 0.0 - 10.0 m; 60% pink monzonite with 40% silicified, magnetitic diorite - see descriptions above.</p> <p>MZ: pink to salmon-pink; equigranular to plagioclase phyric (PPp); excellent textures; very strong pervasive potassic alteration; >5% disseminated magnetite; plagioclase crystals often remain white and are very weakly clay-altered near upper contact; localized quartz flooding from 21.0 m destroys textures - occurs with rare subtle hairline clear and milky quartz veinlets - rarely mm-scale; minor patchy epidote; occasional oxidized fractures; <1% pyrite on fractures and as rare disseminated blebs.</p> <p>DR/Mt-Si: grey/green-grey magnetitic, silicified diorite to good salt+pepper diorite; moderate chloritization with increasing selective potassic alteration; variable silicification; chips with intense silica with magnetite are less texturally distinct and host >1% ultra fine disseminated pyrite and very rare chalcopyrite; grain size and plagioclase content increase to end of interval.</p> <p>Transitional into:</p> | | | | | | | | | | | | | |
| 28.0 | 43.5 | BX | <p>Magnetitic intrusive breccia as 0.0 - 10.0 m; >90% dioritic (DR to PPg) rock and <10% monzonite; excellent textures.</p> <p>DR: DR-PPg; dark grey with plagioclase laths <1mm; increased plagioclase (to salt+pepper diorite) grain size and decreased phyric texture to end of hole; intensely magnetitic (associated with silica) - decreasing very slightly; strongest silicification near top of interval; <1% pyrite and trace chalcopyrite as ultra fine disseminated crystals, usually with magnetite in most strongly silicified fragments; trace pyrite and chalcopyrite on fractures; crosscut with sub-mm K-spar stringers (alteration around micro fractures) selective potassic alteration throughout; invariably chloritized, decreasing to end of hole.</p> | | | | | | | | | | | | | |



Drillhole Report

P00-45

| | | | | | |
|-------------------|-----------|------------------|-----------|-------------------|--------------------|
| Zone | Southeast | Easting | 3705.4 | Drilled By | Paramount |
| Length (m) | 36.0 | Northing | 2238.5 | Logged By | V. Park |
| | | Elevation | 1062.5 | Comments | All wet |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | | Alteration | | | | |
|------------------|-----------|-------------|---|----------------------|-----------|---------------|--------------|---------------|---------------|-------------|-------------------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| 0.0 | 34.0 | BX | Magnetite-intrusive breccia as in P00-39 through -44; 90-85% magnetitic dioritic (DR/Mt-Si) fragments to 10-15% monzonite (MZ); fine but discernible textures; strongly magnetitic; all wet. | 0.0 | 6.0 | 68230 | 0.212 | 0.136 | 0.33 | 6.51 | 1 | | 5 | | tr |
| | | | DR/Mt-Si: grey to green-grey; very fine-grained equigranular with increasing grain size and plagioclase ; rare phyric plagioclase phenocrysts <1-2mm; minor visible variation; oxidized fractures to 21.0 m; intensely magnetitic groundmass is usually associated with quartz flooding; rare milky quartz veinlets 1-2mm; often chloritic with increasingly selective potassic alteration; rare hematite and epidotic fractures. | 6.0 | 13.5 | 68231 | 0.230 | 0.104 | 0.41 | 6.42 | 1 | | 5 | tr | tr |
| | | | <1% pyrite > chalcopyrite throughout - as concentrations in fractures and as ultra fine crystals disseminated preferentially in the most silicified, magnetitic rock; look delicious. | 13.5 | 21.0 | 68232 | 0.202 | 0.075 | 0.30 | 6.08 | 1 | | 5 | mal | tr |
| | | | MZ: cruddy-looking, orange-stained, black-speckled equigranular monzonite; strong pervasive limonitic staining to 21.0 m; K-altered but fragments aren't pink until after 21.0 m; sericitic; magnetite as mm-scale blebs, usually oxidized; pyrite in similar occurrence. | 21.0 | 28.5 | 68233 | 0.128 | 0.045 | 0.19 | 6.18 | 1 | | 5 | | tr |
| | | | Increasingly propylitic (chlorite > epidote) after 21.0 m. | 28.5 | 36.0 | 68234 | 0.097 | 0.032 | 0.22 | 4.67 | 2 | | 4 | | 3 |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | |
|-------------|-----------|-------------|---|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| 34.0 | 43.5 | MZ | <p>Monzonite to plagioclase porphyry (PPp); very different than monzonite described above; pale pink and cream; occasional white plagioclase phenocrysts <2-3mm, but mostly equigranular; excellent textures; <3% mafic minerals; looks barely touched.</p> <p>Weak semi-pervasive K-alteration; occasional epidote spots and fractures <1mm.</p> <p>Ultra fine magnetite as crystals, blebs and stringer <1mm.</p> <p>>3% fresh pyrite in disseminated wispy blebs <1-2mm, in fractures and often in close association with magnetite; no copper minerals.</p> | | | | | | | | | | | | |



Drillhole Report

P00-46

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3706.7 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2254.4 | Logged By | V. Park |
| | | Elevation | 1062.9 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 32.0 | BX | Magnetite-intrusive breccia, as in P00-45 (and P00-39 through -44); >90% dioritic, magnetitic intrusive (DR) with <10% monzonite (MZ); textures improve to end of hole; all wet. | 0.0 | 6.0 | 68235 | 0.175 | 0.097 | 0.26 | 7.31 | 1 | | 5 | | tr |
| | | | | 6.0 | 13.5 | 68236 | 0.186 | 0.087 | 0.26 | 6.55 | 1 | | 5 | tr | 1 |
| | | | | 13.0 | 21.0 | 68237 | 0.129 | 0.052 | 0.18 | 5.74 | 1 | | 5 | tr | 3 |
| | | | | 21.0 | 28.5 | 68238 | 0.103 | 0.028 | 0.15 | 5.39 | 2 | | 4 | | 3 |
| | | | DR/Mt-Si: dark green-grey; begins as fine-grained equigranular and becomes increasingly porphyritic with white plagioclase phenocrysts <2-4mm after 15.0 m; strong pervasive silicification decreases to end of interval; plagioclase content increases and colour index gradually decreases; propylitic alteration with chlorite throughout and localized concentrations of epidote crystals; occasional quartz or feldspar veinlets <2-3; oxidized fractures to 21.0 m and leucocratic minerals show some limonitic staining and 1-2mm envelopes are micro fractures are also common; in general, rock has a pukey, altered appearance; selective potassic alteration and mm-scale potassic envelopes. | 28.5 | 36.0 | 68239 | 0.086 | 0.018 | 0.20 | 4.67 | 2 | | 3 | | 3 |
| | | | | 36.0 | 43.5 | 68240 | 0.066 | 0.013 | 0.23 | 3.98 | 2 | | 3 | | 4 |
| | | | Intensely magnetitic - ultra fine crystals in silica saturate groundmass - decreases slightly to end of interval; pin point dots of hematite after magnetite. | | | | | | | | | | | | |
| | | | <3% pyrite (increasing) and <1% chalcopyrite (decreasing) as ultra fine , often very subtly disseminated crystals and rare blebs, usually within silicified, magnetitic rock; some fragments may host >10% sulfides. | | | | | | | | | | | | |
| | | | MZ: pink; increasingly plagioclase phyrlic; intense pervasive K-alteration, increases; silicified from 13.5 m; more weathered and orange-stained above; trace to >3% fresh yellow pyrite as mm-scale blabs, thick (<1/2mm) encrustations on fractures and as ultra fine disseminated crystals; weakly magnetitic; rare mafic minerals; original textures are blurred | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | | |
|-----------|------|------|--|---------------|----|--------|-------|------------|--------|------|---|---|---|----|----|--|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| | | | <p>13.5 - 32.0 m: all rocks are distinctly feldspar phyrlic; increased silicification; occasional slickensides; significantly increased sulfide content; pyrite as disseminated crystals, blebs, stringers, along selvages of K-spar and quartz veinlets, in fractures - it's everywhere!</p> <p>Chalcopyrite is also present in trace amounts; increased potassic alteration in both rocks.</p> <p>Nice-looking interval.</p> <p>Kinda transitional into:</p> | | | | | | | | | | | | | |
| 32.0 | 43.5 | MZ | <p>Monzonite to monzonite breccia; <10% magnetitic, silicified fragments as above might be contamination in a wet hole; very similar to P00-45 34.0 - 43.5 m; pale pink-green; phyrlic plagioclase in a dominantly equigranular rock; excellent textures.</p> <p>Weak pervasive potassic alteration with minor mm-scale epidote spots; <2% mafic; disseminated magnetite.</p> <p>>4% fresh pyrite viewed on most fractures and as disseminated blebs; often as very fine crystals intergrown with magnetite; pyrite content is most striking feature of interval; no copper minerals.</p> | | | | | | | | | | | | | |



Drillhole Report

P00-47

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3708.9 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2276.8 | Logged By | V. Park |
| | | Elevation | 1063.2 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| From | To | LITH | Lithology Description | Assay Results | | | | | | | Alteration | | | | |
|------|------|------|--|---------------|------|--------|-------|--------|--------|------|------------|---|---|-----|----|
| | | | | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 35.0 | BX | Breccia; composed mostly of intrusive fragments with varying textures and alteration; although strongly magnetitic throughout, <10% fragments are that intensely magnetitic, silicified dioritic intrusive as seen in all holes from P00-39; almost equal amounts of dioritic and monzonitic phases - both ranging from equigranular to porphyritic, with phyrlic textures slightly more common to end of interval; limonitic fractures and weak to moderate, localized pervasive limonitic staining to 15.0 m; similar to grungy-looking rock described in P00-46 0.0 - 32.0 m; wet from surface. 0.0 - 13.5 m: >40% fine-grained to plagioclase porphyry; dark to medium grey; magnetitic, silicified dioritic rock as in all holes to south; 30% creamy leucocratic monzonitic porphyry and 20% monzonite with very strong potassic alteration +/- limonitic staining; sericite throughout due to weathering; trace partially oxidized pyrite, usually on (>5% locally) fractures; trace malachite on limonite-stained, K-altered monzonite. 13.5 - 35.0 m: 50% diorite to monzonite; creamy to salt+pepper; 30% monzonitic phases with moderate to strong K-alteration; 20% magnetitic, silicified dioritic porphyry as above; excellent textures; strongly magnetitic - creamy plagioclase-rich chips with <50% interstitial magnetite; weak and selective to strong and pervasive potassic alteration; strongest potassic fragments are also with minor epidote spotting; trace malachite; very, very rare chalcocopyrite; <1% concentrated in some fractures and as ultra fine disseminations in the most silicified rock. From 28.5 m: resembles P00-46 13.5 - 32.0 m, with | 0.0 | 6.0 | 68241 | 0.064 | 0.028 | 0.13 | 6.06 | 2 | | 5 | | tr |
| | | | | 6.0 | 13.5 | 68242 | 0.055 | 0.026 | 0.32 | 4.65 | 2 | | 3 | mal | tr |
| | | | | 13.5 | 21.0 | 68243 | 0.064 | 0.026 | 0.31 | 4.73 | 1 | | 3 | mal | tr |
| | | | | 21.0 | 28.5 | 68244 | 0.058 | 0.020 | 0.15 | 4.97 | 1 | | 4 | mal | tr |
| | | | | 28.5 | 36.0 | 68245 | 0.070 | 0.011 | 0.12 | 5.30 | 1 | | 4 | tr | 1 |
| | | | | 36.0 | 43.5 | 68246 | 0.067 | 0.012 | 0.12 | 5.63 | 1 | | 5 | tr | tr |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-------------|-----------|-------------|---|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| | | | better PpP development with patchy K-apart and epidote alteration may host >5% blebby pyrite with oxidized rims. | | | | | | | | | | | | |
| 35.0 | 36.5 | DYKE | Augite porphyry dyke; greyish aphanitic groundmass with subtle white plagioclase laths <1mm and lesser augite crystals <1-2mm; magnetitic - hematite after magnetite creates faint maroon staining; dark red hematite pseudomorphs after augite and magnetite; thin interval; not sulfidic. | | | | | | | | | | | | |
| 36.5 | 43.5 | BX | Breccia, much as 0.0 - 35.0 m, but with very decreased potassic alteration and oxidation (with staining); dominantly (>90%) grey plagioclase porphyry diorite and 5% K-sparic intrusive and 5% magnetitic diorite (as above); crowded porphyry with localized plagioclase lath alignment (trachytic); strongly biotitic - good salt+pepper appearance; selective epidote and K-spar alteration, often occurring together - generally weak; two perfect quartz crystals; <1% pyrite and very, very rare chalcopyrite as disseminations and on fractures. | | | | | | | | | | | | |



Mount Polley Mine

| | | | | | |
|------------|-----------|-----------|--------|------------|-------------|
| Zone | Southeast | Easting | 3709.8 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2295.3 | Logged By | V. Park |
| | | Elevation | 1063.1 | Comments | All wet |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|----|-----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 7.0 | MZ | Monzonite; equigranular with occasional more phyrlic plagioclase; medium pink-orange with greenish hue; minor organics; excellent textures; weak to moderate pervasive limonitic staining over moderately K-altered rock with mm-scale epidote spots; minor localized selective argillic alteration; <5% biotite; weakly magnetitic with fine disseminated crystals; very, very rare pyrite appears secondary after biotite; uncertain lower contact; wet from surface. | 0.0 | 6.0 | 68247 | 0.010 | 0.004 | 0.04 | 2.38 | 3 | | -1 | | tr |
| | | | | 6.0 | 13.5 | 68248 | 0.032 | 0.009 | 0.15 | 3.69 | 3 | | -1 | | tr |
| | | | | 13.5 | 21.0 | 68249 | 0.101 | 0.014 | 0.29 | 2.77 | 1 | | -1 | tr | 1 |
| | | | | 21.0 | 28.5 | 68250 | 0.052 | 0.007 | 0.49 | 3.42 | 1 | | -1 | tr | tr |
| | | | | 28.5 | 36.0 | 68251 | 0.018 | 0.001 | 0.40 | 2.72 | 1 | | -1 | tr | 1 |
| | | | | 36.0 | 43.5 | 68252 | 0.016 | 0.001 | 0.14 | 2.34 | 2 | | -1 | mal | tr |
| 7.0 | 12.5 | BX | Intrusive breccia as in holes P00-46 and -47 to the south; intermixed phyrlic and equigranular phases of monzonite and diorite with variable alterations and <5% intensely magnetitic, silicified, fine-grained dioritic rock; Pp is magnetitic with white plagioclase phenocrysts <1-3mm and very minor alteration; monzonite is strongly K-altered with numerous epidote fractures and sub-cm epidote spots; disseminated magnetite in all rocks; trace pyrite as sub-mm stringers. | | | | | | | | | | | | |
| 12.5 | 13.6 | DYKE | Augite porphyry dyke as in P00-47 35.0 - 36.0 m; grey to purple-grey aphanitic groundmass with numerous white plagioclase laths <1mm and augite <1-3mm; magnetitic groundmass is hematite and/or chlorite altered to create purple to green hue; dark red hematite pseudomorphs after augite; not sulfidic. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | | | Alteration | | | | |
|-----------|------|------|--|---------------|----|--------|-------|--------|--------|------|------------|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 13.6 | 43.5 | BX | <p>Intrusive breccia, as P00-47 36.5 - 43.5 m; mostly dioritic to increasingly monzonitic plagioclase porphyry (PPg - PPp); <5% magnetitic, silicified diorite and augite porphyry dyke fragments; barely a breccia; excellent textures.</p> <p>13.6 - 23.0 m: mostly creamy to light pink MZ/PPp with <25% salt+pepper DR/PPg; wide grain size variations; monzonitic rock with CI = 0, and dominated by large clots/veinlets of white feldspar; weak selective K-spar and epidote alteration; minor magnetite as interstitial stringers: <1% chalcopyrite and pyrite, occurring with magnetite in interstitial clots and stringers - easily seen but not abundant; increasing potassic alteration.</p> <p>23.0 - 28.5 m: mostly salt+pepper PPg with magnetitic clots and interstices; weakly silicified; trace disseminated magnetite; minor patchy chlorite and K-spar; <5% augite porphyry dyke fragments as 12.5 - 13.6 m.</p> <p>28.5 - 43.5 m: monzonite and PPp, much as 12.5 - 13.6 m; increased grain size; stronger-mottling due to selective (to semi-pervasive) epidote > K-spar alteration; <5% salt+pepper diorite; minor disseminated magnetite; low colour index; <1% sub-cm disseminated pyrite; very rare chalcopyrite and one clots of malachite.</p> <p>Note: I can't explain why the interval 21.0 - 36.0 m returned >.45 gpt Au; slightly elevated magnetite and silica.</p> | | | | | | | | | | | | |



Drillhole Report

P00-49

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|----------------|
| Zone | Southeast | Easting | 3712.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2317.1 | Logged By | V. Park |
| | | Elevation | 1063.7 | Comments | Wet from 6.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 13.0 | MZ | Monzonite, as P00-48 | 0.0 | 6.0 | 68253 | 0.009 | 0.002 | 0.11 | 2.91 | 3 | | 1 | | tr |
| | | | 0.0 - 7.0 m; intermixed with | 6.0 | 13.5 | 68254 | 0.019 | 0.002 | 0.12 | 2.55 | 3 | | 1 | tr | 1 |
| | | | overburden-type material = rounded quartz pebbles | 13.5 | 21.0 | 68255 | 0.005 | 0.001 | 0.10 | 3.75 | 3 | | 2 | | 6 |
| | | | <3/4cm, minor organics; equigranular except for rare | 21.0 | 28.5 | 68256 | 0.012 | 0.001 | 0.10 | 3.80 | 3 | | 2 | | 3 |
| | | | phyric K-spar <1/2cm and clay altered plagioclase | 28.5 | 36.0 | 68257 | 0.008 | 0.001 | 0.12 | 2.59 | 3 | | 1 | | 1 |
| | | | crystals; moderate to strong pervasive limonitic | 36.0 | 43.5 | 68258 | 0.012 | 0.001 | 0.10 | 2.50 | 3 | | 1 | | 3 |
| | | | staining and earthy limonite on many fractures; <5% biotite as partially altered books; good textures; wet from 6.0 m. | | | | | | | | | | | | |
| | | | Oxidized - staining of groundmass and alteration of magnetite and pyrite to limonite - remains constant; moderate pervasive potassic alteration; moderate to strong sericitization - mostly due to weathering - often orange stained; minor spotty epidote. | | | | | | | | | | | | |
| | | | Trace oxidized pyrite; minor magnetite <1/4mm, often oxidized. | | | | | | | | | | | | |
| | | | 1-2 black fragments as in breccia below. Indistinct contacts. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|--|---------------|----|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 13.0 | 43.5 | BX | <p>Breccia; 90% monzonite (as above) with 10% plagioclase porphyry diorite (PPg); excellent textures; weakly magnetitic; 1-6% pyrite.</p> <p>MZ: variable pink and green depending on what alteration type dominates locally; generally equigranular with occasional, slightly phytic plagioclase - usually partially clay-altered; rare biotite.</p> <p>K-alteration, increasing to end of hole, usually dominates over propylitic; epidote occurs as mm-scale clots and veinlets but also replaces entire fragments; plagioclase crystals remain whitish and are usually excluded from all alteration; where all alterations occur rock is very pretty.</p> <p><1-2% magnetite as subhedral disseminated crystals <1/2mm.</p> <p><6% pyrite as disseminated cubes <1/4mm, disseminated wisps and blebs <1-2mm, on fractures and as sub-mm stringers; trace chalcopyrite with pyrite on one fracture near top of interval.</p> <p>PPg: dark grey aphanitic groundmass with plagioclase phenocrysts <1-2mm; overall grain size increases to end of interval; good original textures appear strained locally.</p> <p>Weakly silicified; rare epidotic fractures.</p> <p>Intensely magnetitic - ultra fine crystals, associated with secondary quartz, saturate groundmass.</p> <p>Pyritic - quantity difficult to estimate - ultra fine crystals in magnetite-silica groundmass; distinctly less sulfidic than monzonite; no copper minerals.</p> <p>13.5 - 32.0 m: increasingly dioritic PPg - 10-20% below.</p> | | | | | | | | | | | | |



Drillhole Report

P00-50

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|----------------|
| Zone | Southeast | Easting | 3711.5 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2358.8 | Logged By | V. Park |
| | | Elevation | 1064.3 | Comments | Wet from 6.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | | Alteration | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------|------------|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 35.0 | PPp | Plagioclase porphyry; medium pink with white plagioclase phenocrysts <1mm to >3mm (rarely seen in chips); Cl <5 - composed of sub-mm magnetite cubes and biotite remnants; almost no variation; wet from 6.0 m. Strong pervasive potassic alteration; white plagioclase is usually unaffected but remains fresh to moderately clay altered; minor epidote speckling locally; ubiquitous sericite. <5% disseminated magnetite. <1% fresh yellow disseminated pyrite <1/4mm and in sub-cm clots that may line fractures and occasionally comprise <25% of individual chips. | 0.0 | 6.0 | 68259 | 0.017 | 0.007 | 0.10 | 2.79 | 4 | | 3 | | tr |
| | | | | 6.0 | 13.5 | 68260 | 0.016 | 0.006 | 0.10 | 3.11 | 4 | | 3 | | tr |
| | | | | 13.5 | 21.0 | 68261 | 0.019 | 0.006 | 0.11 | 2.82 | 4 | | 3 | | tr |
| | | | | 21.0 | 28.5 | 68262 | 0.022 | 0.004 | 0.09 | 2.57 | 4 | | 3 | | tr |
| | | | | 28.5 | 36.0 | 68263 | 0.016 | 0.001 | 0.10 | 2.38 | 3 | | 3 | | tr |
| | | | | 36.0 | 43.5 | 68264 | 0.057 | 0.008 | 0.15 | 2.70 | 4 | | 3 | | tr |
| 35.0 | 36.5 | PPg | Grey plagioclase porphyry monzonite with white and crowded plagioclase phenocrysts <3mm; not altered except for very weak selective K-alteration; low Cl (<3); minor disseminated magnetite and pyrite; boring. 6.0 - 21.0 m; increased epidote clots and fractures; <2% rounded limonite-coated pebbles. 21.0-28.5m: occasional large (<1cm) completely epidotized chips. | | | | | | | | | | | | |
| 36.5 | 43.5 | PPp | Pink plagioclase porphyry monzonite as 0.0 - 35.0 m; all alteration types slightly stronger; one volcanic pebble. | | | | | | | | | | | | |



| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|----------------|
| Zone | Southeast | Easting | 3705.2 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2403.4 | Logged By | V. Park |
| | | Elevation | 1064.0 | Comments | Wet from 6.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 35.5 | PPp | Plagioclase porphyry monzonite; similar to P00-50 but with much stronger pervasive K-alteration; dark pink to salmon-pink; almost all minerals are pink (including usually white plagioclase phenocrysts) so rock has a homogeneous appearance; grain boundaries are discernible; rock breaks into angular fragments; strong pearly luster; wet from 6.0 m; almost no mafic minerals; <5% greyish plagioclase fragments. Very strong potassic alteration dominates, but <5% rock has chloritized and epidote clots and fractures, increasing to end of hole; minor limonite and manganese oxide speckling to 14.0 m; minor dusty yellowish sericite on some surfaces. Minor disseminated magnetite - rare clots. <1% disseminated blebs of pyrite, often with oxidized rims - usually on fractures; rare hairline stringers. | 0.0 | 6.0 | 68265 | 0.019 | 0.008 | 0.09 | 1.35 | 5 | | 1 | | tr |
| | | | | 6.0 | 13.5 | 68266 | 0.017 | 0.007 | 0.09 | 1.64 | 5 | | 1 | | tr |
| | | | | 13.5 | 21.0 | 68267 | 0.029 | 0.010 | 0.09 | 1.20 | 5 | | 1 | | tr |
| | | | | 21.0 | 28.5 | 68268 | 0.026 | 0.006 | 0.09 | 1.51 | 5 | | 1 | | tr |
| | | | | 28.5 | 36.0 | 68269 | 0.027 | 0.005 | 0.09 | 2.06 | 5 | | 1 | | tr |
| | | | | 36.0 | 43.5 | 68270 | 0.054 | 0.002 | 0.06 | 2.09 | 5 | | 2 | tr | 1 |
| 35.5 | 41.0 | PPg | Plagioclase porphyry; crowded porphyry; salt+pepper diorite to even grey; >25% modal mafics, mostly biotite and magnetite; occasionally completely infused with magnetite and 2% clear quartz; transitional from lower contact where alteration types and combination are variable; ranges from selective K-alteration to mottled K-spar and epidote, to solid epidote to epidote and chlorite, to silicification. At least 1% fresh yellow pyrite with very, very rare epidote as clots, stringers, fracture-fill and occurring as massive quantities intergrown with magnetite in magnetite-silica saturated chips. | | | | | | | | | | | | |

Lithology

Assay Results

Alteration

| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
|-------------|-----------|-------------|---|-------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| 41.0 | 43.5 | PPp | Deep pink plagioclase porphyry monzonite as 0.0 - 35.5 m, but with <1% mm-scale disseminated pyrite blebs and ultra fine disseminated crystals. | | | | | | | | | | | | |



Drillhole Report

P00-52

| | | | | | |
|-------------------|----------|------------------|-----------|-------------------|--------------------|
| Zone | Road/Rad | Easting | 2917.9 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 4533.9 | Logged By | V. Park |
| | | Elevation | 1007.7 | Comments | Wet from 13.5 m |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 7.0 | MZ | Monzonite; deep, even orange over pink; intensely oxidized; original textures of equigranular feldspar-rich rock are discernible but blurred due to intense oxidation and sericitization; rock has micro sucrosic textures and appears incompetent - some fragments can be broken or marked with pressure from fingernail. Limonitic staining overprints everything, but rock looks like it has been strongly potassically altered; strong to intense sericite; some void space indicates former feldspar crystals; minor spotty manganese oxide. Weakly magnetitic - very fine (<1/4mm) disseminated crystals are not easily seen. NO visible sulfides or copper oxides. Transitional into: | 0.0 | 6.0 | 68271 | 0.026 | 0.012 | 0.01 | 1.95 | 4 | | 2 | | |
| | | | | 6.0 | 13.5 | 68272 | 0.063 | 0.041 | 0.10 | 2.91 | 3 | | 2 | | |
| | | | | 13.5 | 21.0 | 68273 | 0.029 | 0.014 | 0.01 | 3.38 | 3 | | 2 | | |
| | | | | 21.0 | 28.5 | 68274 | 0.035 | 0.013 | 0.05 | 3.09 | 4 | | 2 | | |
| | | | | 28.5 | 36.0 | 68275 | 0.029 | 0.007 | 0.04 | 3.00 | 4 | | 2 | | |
| | | | | 36.0 | 43.5 | 68276 | 0.040 | 0.014 | 0.04 | 2.92 | 3 | | 2 | | |
| 7.0 | 26.0 | MZ | Monzonite; dull pink-grey; pretty mottled pink, grey, black and white (as viewed with microscope); dominantly equigranular but with rare phyrlic feldspar is viewed locally; original textures are easily discernible but grain boundaries are blurred; rock has a bleached, opaque, dusty altered-looking appearance; average grain size = <1mm; <20% of fragments with pervasive limonitic staining; wet from 13.5 m. K-alteration, selective to pervasive, intensifies to end of interval; ubiquitous and strong sericitization, decreases and overall luster improves slightly; speckling manganese oxide after former biotite; minor carbonate in fractures. No visible sulfides or copper oxides. Moderately magnetitic - fine disseminated crystals. | | | | | | | | | | | | |
| 26.0 | 30.0 | FT | Fault?; monzonite as above, but more like 0.0 - 7.0 m; large angular fragments with very strong pervasive limonitic staining after strong potassic alteration; one fragments shows lineation; rare organic pieces; homogeneous texture with barely discernible grain boundaries; no sulfides or copper oxides. Note: possible contamination from above, but it seems like a fault. | | | | | | | | | | | | |

Lithology

Assay Results

Alteration

| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
|------|------|------|--|------|----|--------|-------|--------|--------|------|---|---|---|----|----|
| 30.0 | 43.5 | MZ | <p>Monzonite to monzodiorite; grey with pinkish hue; mottled pink, grey, black and green up close; mostly equigranular (grain size = 1-2mm) with occasional feldspar phenocryst <2-3mm; more coarse than up hole; increased colour index, with <20% biotite, hornblende and pyroxene, magnetite, very frequently altered (manganese oxide and rare chlorite); 5-10% intensely oxidized fragments as 0.0 - 7.0 m and 26.0 - 30.0 m; good luster; excellently preserved.</p> <p>K-alteration, strong and nearly completely pervasive, dominates but decreases and becomes more selective to end of hole; ubiquitous but minor sericite; rare calcite in fractures.</p> <p>Moderately magnetitic - abundant fine (<1/4mm) disseminated crystals throughout - occasionally as mm-scale clots.</p> <p>NO visible pyrite or chalcopyrite.</p> | | | | | | | | | | | | |



Mount Polley Mine

| | | | | | |
|-------------------|----------|------------------|------------|--------------------|-----------------|
| Zone | Road/Rad | Easting | 2871.4 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 4656.7 | Logged By | V. Park |
| | | Elevation | 1017.7 | Comments | Wet from 21.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 7.0 | MZ | Monzonite; deep salmon-pink/orange; moderately oxidized (not nearly as strong as in P00-52 0.0 - 7.0 m); <25% fragments with deepest oxidation (over intense K-alteration) are homogeneous with blurred textures; remaining rock is fine-grained equigranular (<1mm) with strong potassic alteration and strong black speckling by manganese oxide over and with biotite, magnetite and other modal mafics. Magnetitic - disseminated, oxidized crystals <1/4mm. No visible sulfides. K-alteration dominates along with strong pervasive limonitic staining; strong and ubiquitous sericite. | 0.0 | 6.0 | 68277 | 0.064 | 0.042 | 0.02 | 3.61 | 4 | | 2 | | |
| | | | | 6.0 | 13.5 | 68278 | 0.102 | 0.079 | 0.02 | 2.97 | 4 | | 2 | | |
| | | | | 13.5 | 21.0 | 68279 | 0.079 | 0.033 | 0.02 | 2.95 | 4 | | 3 | | |
| | | | | 21.0 | 28.5 | 68280 | 0.040 | 0.010 | 0.01 | 2.88 | 3 | | 3 | | |
| | | | | 28.5 | 36.0 | 68281 | 0.168 | 0.016 | 0.05 | 3.16 | 4 | | 3 | | tr |
| | | | | 36.0 | 43.5 | 68282 | 0.276 | 0.051 | 0.15 | 3.35 | 3 | | 3 | | tr |
| 7.0 | 43.5 | MZ | Monzonite, as above; mottled pink and grey; excellent fine <1mm) equigranular textures with occasional localized more plagioclase phyric phases; wet from 21.0 m. K-alteration dominates - strong and pervasive nearer top of interval and becoming more selective and weaker to end; 25-50% of rock show intense salmon-pink K-alteration; moderate sericite - most surfaces with dusty coating; 5-10% black speckling is cruddy-looking biotite and hornblende and magnetite with surface alteration. Moderately to strongly magnetitic - disseminated magnetite throughout and mt-si fractures from 28.5 m; magnetite powder is much more evident in unwashed sample. Very rare, trace pyrite occurs with magnetite and silica in fractures from 21.0 m; no chalcopyrite. | | | | | | | | | | | | |



| | | | | | |
|-------------------|----------|------------------|------------|--------------------|-----------|
| Zone | Road/Rad | Easting | 2864.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 4671.3 | Logged By | V. Park |
| | | Elevation | 1019.7 | Comments | |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|------------|------|---|---|-----|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 14.0 | BX | Monzonitic breccia; deep pink with grey splotches and cream and black speckling; doesn't really appear brecciated but one chip shows a black, sub-cm clast and 1-2 sub-cm liberated clasts throughout; excellent textures; equigranular with very, very rare white plagioclase phenocrysts <1-2mm near lower 'contact'; all dry. Strong pervasive potassic alteration; moderate pervasive limonitic staining to 6.0 m; ubiquitous sericite - intense from 6.0 m (kinda bleached/dusty-looking rock = fault/structure?); minor selective K-alteration; manganese oxide on fractures and coating biotite and magnetite. Moderately to strongly magnetitic - disseminated crystals <1/4mm, often with oxidized faces; mafic clast fragments are intensely magnetitic; fine magnetite in sub-cm clots locally. Very, very, very rare pyrite; trace malachite on rare oxidized fractures. 6.0 - 14.0 m: textures become blurred; all surfaces coated with greyish sericite. | 0.0 | 6.0 | 68283 | 0.114 | 0.060 | 0.03 | 3.15 | 4 | 3 | mal | | |
| | | | | 6.0 | 13.5 | 68284 | 0.192 | 0.134 | 0.06 | 3.19 | 3 | 3 | mal | | |
| | | | | 13.5 | 21.0 | 68285 | 0.033 | 0.012 | 0.01 | 2.59 | 4 | 3 | | | |
| | | | | 21.0 | 28.5 | 68286 | 0.040 | 0.009 | 0.02 | 2.32 | 4 | 3 | | | |
| | | | | 28.5 | 36.0 | 68287 | 0.029 | 0.006 | 0.01 | 2.68 | 2 | 3 | | | |
| | | | | 36.0 | 43.5 | 68288 | 0.017 | 0.003 | 0.01 | 3.45 | 2 | 3 | | | tr |
| 14.0 | 34.0 | MZ | Monzonite, much as 0.0 - 14.0 m, but without mafic clasts; tends toward plagioclase porphyry (PPp) locally; deep salmon-pink to creamy plagioclase phenocrysts/crystals and black speckles of biotite, magnetite and manganese oxide and hornblende. Intense potassic alteration; many plagioclase phenocrysts are unaltered; manganese oxide on fractures; biotite weakly sericitized; sericitic powder coats all fragments. Moderately to strongly magnetitic with <5% disseminated magnetite <1/2mm. No visible sulfides or copper oxides. Grades into: | | | | | | | | | | | | |
| 34.0 | 43.5 | MZ | Monzonite?; fine-grained equigranular intrusive with very deep grey-pink (more grey-looking without microscope) colour and sub-vitreous luster; I can't differentiate feldspars, so this might even be a diorite (I doubt it); no phyrlic elements; grains are discernible but rock has a homogeneous appearance. Potassic alteration dominates, but it's deeper and much more subtle than in monzonite above; sericitic powder is strongly evident as it occurs as significant grey coating on all surfaces - much has developed in situ. Magnetitic - depending on chip, ranges from very strong to very weak - averages as moderate - ultra fine crystals that blend in. Rare ultra fine disseminated pyrite. | | | | | | | | | | | | |



| | | | | | |
|-------------------|----------|------------------|-----------|-------------------|--------------------|
| Zone | Road/Rad | Easting | 2854.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 4688.5 | Logged By | V. Park |
| | | Elevation | 1021.3 | Comments | |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---------|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 22.0 | BX | Monzonite breccia, as in P00-54 0.0 - 14.0 m: deep salmon-pink with black and cream specking; <2% magnetitic black clast fragments; good but somewhat smoothed textures; equigranular; all dry. Intense pervasive potassic alteration decreases very slightly to end of hole (where pink hue becomes increasingly grey); strong and increasing sericitization; spotty manganese oxide. Disseminated magnetite <1/2mm. Trace chalcopyrite crystals, partially oxidized, in one fracture; <1% malachite; very, very trace disseminated pyrite; note: this interval returned high copper values, but it doesn't look very interesting. 13.5 - 22.0 m: as P00-54 6.0 - 14.0 m; increased sericite seems to indicate a structure. | 0.0 | 6.0 | 68289 | 0.320 | 0.232 | 0.04 | 3.85 | 4 | 3 | mal | tr | |
| | | | | 6.0 | 13.5 | 68290 | 0.151 | 0.088 | 0.02 | 3.17 | 4 | 3 | mal, tr | tr | |
| | | | | 13.5 | 21.0 | 68291 | 0.332 | 0.071 | 0.04 | 3.25 | 3 | 3 | mal, tr | tr | |
| | | | | 21.0 | 28.5 | 68292 | 0.047 | 0.006 | 0.03 | 3.54 | 3 | 3 | | tr | |
| | | | | 28.5 | 36.0 | 68293 | 0.094 | 0.006 | 0.04 | 3.89 | 4 | 3 | | tr | |
| | | | | 36.0 | 43.5 | 68294 | 0.021 | 0.004 | 0.03 | 4.70 | 3 | 3 | | tr | |
| 22.0 | 32.0 | MZ | Pink to salmon-pink monzonite, as 0.0 - 22.0 m and P00-54 14.0 - 34.0 m; increased colour index with numerous biotite, magnetite and hornblende - <10%; original textures are blurred but discernible, due to strong/intense potassic alteration; rare phyrlic plagioclase ; abundant disseminated magnetite crystals <1/2mm; rare magnetite clots; trace pyrite; very strong sericite - greyish dusting on all surfaces. Transitional into: | | | | | | | | | | | | |
| 32.0 | 43.5 | PP | Plagioclase porphyry; correlates with monzonitic, non-phyric rock in P00-54 34.0 - 43.5 m; deep pink grey (more greyish macroscopically); micro porphyry with whitish, barely phyrlic plagioclase crystals <1mm, rarely <2mm; sub-vitreous luster; excellent textures. Strong but subtle K-alteration; abundant sericite throughout; minor selective clay alteration. Fine (<1/4mm) disseminated magnetite. Trace fine disseminated and fracture-controlled pyrite; no copper minerals. | | | | | | | | | | | | |



| | | | | | |
|------------|----------|-----------|--------|------------|-----------------|
| Zone | Road/Rad | Easting | 2847.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 4701.0 | Logged By | V. Park |
| | | Elevation | 1022.5 | Comments | Wet from 36.0 m |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|------------|------|---|---|-----|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 16.0 | BX | Breccia; monzonitic as in P00-54 0.0 - 14.0 m and P00-55 0.0 - 22.0 m; <5% magnetitic, mafic clast fragments, otherwise this rock looks like an ordinary unbrecciated monzonite; minor salt+pepper diorite-like rock; excellent textures degenerate slightly to end of interval; mostly equigranular but develops slight plagioclase phytic texture near lower 'contact'; pink with black speckles. Very strong pervasive K-alteration; strong pervasive limonitic staining and oxidation of iron minerals to 13.5 m; definitely less oxidized than hole to east and much less oxidized than hole to west; abundant manganese oxide and rusty pseudomorphs after disseminated magnetite, biotite, hornblende and probably sulfides; very strongly sericitized, especially near end of interval. <1% malachite on many fractures; trace pyrite from 13.5 m; likely was much more sulfidic but oxidation has destroyed most visible traces. <5% homogeneous, very fine-grained magnetitic and silicified mafic clasts. 0.0 - 13.5 m: very strong oxidation 6.0 - 13.5 m: decreased competent fragments 13.5 - 16.0 m: more greyish sericite powder on surfaces; faint vitreous luster; deeper, more greyish pink than the salmon-pink seen above; structure that correlates with P00-54 6.0 - 14.0 m and P00-55 13.5 - 22.0 m. Indistinct contact. | 0.0 | 6.0 | 68295 | 0.492 | 0.388 | 0.16 | 4.82 | 4 | 3 | mal | | |
| | | | | 6.0 | 13.5 | 68296 | 0.705 | 0.396 | 0.15 | 5.89 | 4 | 3 | mal | | |
| | | | | 13.5 | 21.0 | 68297 | 0.117 | 0.028 | 0.04 | 4.34 | 3 | 4 | | tr | |
| | | | | 21.0 | 28.5 | 68298 | 0.061 | 0.015 | 0.02 | 3.61 | 4 | 3 | | 1 | |
| | | | | 28.5 | 36.0 | 68299 | 0.053 | 0.026 | 0.03 | 4.53 | 4 | 3 | | 1 | |
| | | | | 36.0 | 43.5 | 68300 | 0.038 | 0.018 | 0.02 | 4.59 | 4 | 3 | | 5 | |
| 16.0 | 43.5 | PPp | Dark pink/greyish dark pink plagioclase porphyry monzonite as in P00-55 32.00 m and P00-55 34.0 - 43.5 m - this hole seems to have skipped the more equigranular monzonitic phase seen both previous holes. Micro porphyry with whitish, crowded plagioclase phenocrysts <1mm; remaining groundmass is very fine-grained; sub-vitreous luster improves with depth. Strongly magnetitic with disseminated crystals <1/4mm and sub-mm magnetite stringers; shiny cubes in a glassy-looking rock. 1-5% very fine (<<1/4mm) disseminated pyrite is almost always associated with magnetite and due to reflective nature and similar crystal shape, pyrite and magnetite are difficult to differentiate. Wet from 36.0 m. | | | | | | | | | | | | |



Drillhole Report

P00-57

| | | | | | |
|-------------------|----------|------------------|------------|--------------------|-----------|
| Zone | Road/Rad | Easting | 2836.4 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 4719.7 | Logged By | V. Park |
| | | Elevation | 1024.4 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 10.0 | PPp | Plagioclase porphyry to equigranular monzonite; strong pervasive limonitic staining throughout salmon-pink rock; occasional white plagioclase phenocrysts <1-2mm; large angular fragments and intense oxidation indicate deeper weathering than in holes to east - could this be a fault?; abundant black speckling due to biotite, hornblende and magnetite, often with manganese oxide coating crystals and completely lining some fractures; excellent textures even though the rock is so weathered; pocks and void space; all wet. Very, very strong potassic alteration obscured by oxidation/weathering; intense sericitization and minor clay alteration locally to create sugary, incompetent sections; rare fragments with <50% manganese oxide - looks like tiger-stripe ice cream. Strongly magnetitic - numerous (10 to >25%) disseminated magnetite crystals <1/2mm, usually <1/4mm. No visible sulfides or copper minerals. | 0.0 | 6.0 | 68301 | 0.106 | 0.065 | 0.05 | 5.17 | 4 | | 4 | | |
| | | | | 6.0 | 13.5 | 68302 | 0.057 | 0.029 | 0.03 | 4.52 | 4 | | 4 | | |
| | | | | 13.5 | 21.0 | 68303 | 0.062 | 0.032 | 0.03 | 4.66 | 4 | | 4 | tr | 2 |
| | | | | 21.0 | 28.5 | 68304 | 0.047 | 0.026 | 0.02 | 4.78 | 3 | | 4 | | 2 |
| | | | | 28.5 | 36.0 | 68305 | 0.028 | 0.013 | 0.01 | 4.43 | 3 | | 5 | | 1 |
| | | | | 36.0 | 43.5 | 68306 | 0.030 | 0.012 | 0.02 | 4.75 | 4 | | 5 | | 5 |
| 10.0 | 30.5 | PPp | Dark grey/grey-pink plagioclase porphyry monzonite as in P00-57 16.0 - 43.5 m; looks dark grey without microscope; intermixed with <25% oxidized rock as above - probable contamination in this very wet hole; micro porphyry with white, anhedral plagioclase crystals <1-2mm in fine-grained glassy dark pink groundmass; <10% weakly sericitized biotite. Strongly magnetitic - ultra fine disseminated magnetite and magnetite in fractures. <2% ultra fine pyrite on fractures and disseminated throughout glassy groundmass, as magnetite - often very, very subtle. Intense localized sericitization - rock is crumbly yellow-green; epidotic fractures and rare completely epidotic fragments near lower contact. | | | | | | | | | | | | |
| 30.5 | 37.0 | DYKE | Augite porphyry dyke; wide variation in colour and grain size; ranges from dark grey aphanitic to light green, dark green and brown, coarser grained; all versions of feldspar-rich groundmass hosts crowded augite porphyry with crystals <1-2mm - very rarely to 5mm; magnetitic groundmass where there is decreased feldspar and grain size; chloritization dominates but isn't consistent from chip to chip; aphanitic chill margins are usually black with hematitic stain; augite crystals also show weak surface hematitization locally; definitely a visually distinct interval; no visible sulfides. | | | | | | | | | | | | |

Lithology

Assay Results

Alteration

| From | To | LITH | Description |
|------|------|------|---|
| 37.0 | 43.5 | PPp | <p>Plagioclase porphyry monzonite, as 10.0 - 30.5 m and very much as P00-56 16.0 - 43.5 m, especially 36.0 - 43.5 m; dark salmon-pink with white plagioclase phenocrysts usually <1mm; excellent textures; vitreous luster.</p> <p>Intense potassic alteration; minor sericite; rare quartz veinlets.</p> <p>Disseminated magnetite <<1/4mm.</p> <p><5% ultra fine disseminated pyrite - also in fractures - in similar associations to magnetite; very pretty; no copper minerals.</p> |

| From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
|------|----|--------|-------|--------|--------|------|---|---|---|----|----|
| | | | | | | | | | | | |



Drillhole Report

P00-58

| | | | | | |
|-------------------|----------|------------------|------------|--------------------|-----------------|
| Zone | Road/Rad | Easting | 2824.6 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 4736.8 | Logged By | V. Park |
| | | Elevation | 1025.9 | Comments | Wet from 13.5 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 18.0 | MZ | As P00-57 0.0 - 10.0 m, but without phytic plagioclase; strong pervasive limonitic staining over strongly potassically altered intrusive; dark orange and salmon-pink with speckling by manganese oxide; excellent textures improving as weathering decreases; very strong sericitization throughout; bleached and depleted-looking to 10.0 m; rare sub-mm feldspar veinlets; moderately magnetic - disseminated crystals <1/4mm; no visible sulfides or copper minerals; wet from 13.5 m. | 0.0 | 6.0 | 68307 | 0.081 | 0.049 | 0.05 | 4.33 | 3 | | 3 | | |
| | | | | 6.0 | 13.5 | 68308 | 0.056 | 0.025 | 0.03 | 3.81 | 4 | | 2 | | |
| | | | | 13.5 | 21.0 | 68309 | 0.047 | 0.024 | 0.04 | 4.79 | 4 | | 4 | | tr |
| | | | | 21.0 | 28.5 | 68310 | 0.030 | 0.013 | 0.03 | 4.91 | 4 | | 4 | | tr |
| | | | | 28.5 | 36.0 | 68311 | 0.030 | 0.013 | 0.02 | 4.41 | 4 | | 5 | | tr |
| | | | | 36.0 | 43.5 | 68312 | 0.022 | 0.009 | 0.01 | 4.47 | 4 | | 4 | | tr |
| 18.0 | 35.5 | PPp | Dark pink plagioclase porphyry monzonite with white plagioclase phenocrysts <1-2mm, as P00-57 10. - 30.5 m and many holes east of this; excellent textures and sub-vitreous luster; very strong potassic alteration; weak sericite. Ultra fine disseminated fresh pyrite occurring like magnetite. | | | | | | | | | | | | |
| 35.5 | 37.5 | DYKE | Augite porphyry dyke, as p00-57 30.5 - 37.0 m; light greyish-greenish-pinkish (mottled) feldspar-rich groundmass with augite phenocrysts <2-4mm; minor selective potassic and propylitic alteration; some dark grey aphanitic chill margin fragments; strongly magnetic; no sulfides. | | | | | | | | | | | | |
| 37.5 | 43.5 | PPp | Brownish-pink, sub-vitreous monzonite as 18.0 - 35.5 m mixed with 45% dark salmon-pink monzonite as at top of hole (sans stain); magnetic; very strongly K-altered with some sericitic fractures; rare sub-mm epidote spots; <1% ultra fine, subtle disseminated pyrite occurs along with abundant disseminated and stringy magnetite. | | | | | | | | | | | | |



Drillhole Report

P00-59

| | | | | | |
|-------------------|---------------|------------------|-----------|-------------------|--------------------|
| Zone | C Pit - North | Easting | 2144.6 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3428.4 | Logged By | V. Park |
| | | Elevation | 1089.7 | Comments | All wet |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|------------------|-----------|-------------|--|----------------------|-----------|---------------|--------------|---------------|---------------|-------------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| 0.0 | 4.0 | BX | Breccia; mottled pink, grey and cream; monzonitic host; minor Pp - pink with white phenocrysts; abundant weakly sericitized biotite; excellent textures; all wet. | 0.0 | 6.0 | 68313 | 0.189 | 0.015 | 0.37 | 4.96 | 2 | | 5 | tr | tr |
| | | | Weakly magnetitic - interstitial and in fractures. | 6.0 | 13.5 | 68314 | 0.205 | 0.016 | 0.31 | 4.19 | 3 | | 4 | tr | |
| | | | Moderate pervasive potassic alteration; occasional milky quartz veinlets <2mm with rusty selvages. | 13.5 | 21.0 | 68315 | 0.155 | 0.015 | 0.22 | 3.82 | 3 | | 3 | tr | |
| | | | | 21.0 | 28.5 | 68316 | 0.145 | 0.011 | 0.17 | 3.79 | 4 | | 3 | tr | |
| | | | | 28.5 | 36.0 | 68317 | 0.137 | 0.010 | 0.15 | 3.52 | 3 | | 3 | tr | |
| | | | | 36.0 | 43.5 | 68318 | 0.178 | 0.006 | 0.22 | 2.66 | 3 | | 2 | tr | |
| 4.0 | 6.5 | DYKE | Augite porphyry dyke; light grey feldspar-rich groundmass with black to green augite phenocrysts <2-4mm; finer grained chill margins - more monzonitic toward core; intensely magnetitic; rare hematitic slickensides; trace disseminated pyrite; very weak selective potassic alteration; ubiquitous chlorite; minor hematite after magnetite and augite. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | CP | PY |
| 6.5 | 43.5 | BX | <p>Breccia; intermixed deep salmon-pink monzonite to plagioclase porphyry monzonite with nearly equal amounts of greyish salt+pepper diorite/monzodiorite with local plagioclase phyric (crowded) phase - decreasing to end of hole; textural relationships are not preserved although the igneous textures are perfect.</p> <p>Monzonitic rock has intense pervasive potassic alteration; dioritic rock is not altered except for very weak and very localized selective K-alteration and K-spar as mm-scale alteration envelopes around micro veinlets.</p> <p>Both rock types have abundant interstitial biotite and magnetite; magnetite completely invades occasional fragments; colour index exceeds 50 locally.</p> <p><1% chalcopyrite - ultra fine crystals typically line fractures or are disseminated through groundmass in similar occurrences as magnetite and biotite; trace pyrite.</p> <p>28.5 - 36.0 m: <1% augitic monzonite fragments - contamination from above?</p> | | | | | | | | | | | | |



Drillhole Report

P00-60

| | | | | | |
|-------------------|---------------|------------------|-----------|-------------------|--------------------|
| Zone | C Pit - North | Easting | 2107.6 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3432.7 | Logged By | V. Park |
| | | Elevation | 1090.0 | Comments | All wet |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | Alteration | | | | | |
|------|------|------|--|------|------|--------|---------------|--------|--------|------------|---|---|---|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 13.0 | BX | Breccia; deep pink/salmon-pink; intermixed plagioclase porphyry monzonite (PPp) and equigranular monzonite (MZ); minor salt+pepper dioritic plagioclase porphyry (PPg); excellent igneous textures; strong pearly luster; all wet. Intense pervasive K-alteration; plagioclase phenocrysts <1-2mm are often white and frequently clay-altered; wet from surface. Moderately to strongly magnetitic -fine disseminated crystals <1/4mm and mm-scale clots. <1% fine chalcopyrite and minor pyrite, usually in fractures but also intergrown with magnetite clots or freely disseminated. "Contacts' are not distinct. | 0.0 | 6.0 | 68319 | 0.259 | 0.008 | 0.57 | 3.37 | 4 | | 3 | 1 | |
| | | | | 6.0 | 13.5 | 68320 | 0.248 | 0.008 | 0.44 | 3.61 | 3 | | 3 | 1 | |
| | | | | 13.5 | 21.0 | 68321 | 0.104 | 0.002 | 0.18 | 4.19 | 3 | | 4 | tr | |
| | | | | 21.0 | 28.5 | 68322 | 0.183 | 0.016 | 0.23 | 3.99 | 3 | | 4 | tr | |
| | | | | 28.5 | 36.0 | 68323 | 0.194 | 0.056 | 1.37 | 4.23 | 5 | | 3 | tr | |
| | | | | 36.0 | 43.5 | 68324 | 0.166 | 0.045 | 0.23 | 4.01 | 5 | | 3 | tr | |
| 13.0 | 28.5 | BX | Breccia; salmon-pink MZ/PPp as above, but with <40% equigranular to slightly phyric monzonite to monzodiorite; monzodiorite is mottled grey, black, cream and pink due to selective potassic alteration (pink) and abundant black biotite with magnetite; intense K-alteration in monzonitic rock; moderate stockwork as clear hairline quartz veinlets and mm-scale quartz-feldspar and feldspar veinlets <2mm; strongly magnetitic - disseminated crystals; weakly propylitic from 21.0 m. <1% chalcopyrite in fractures and disseminated - more commonly seen in dark pink monzonite. | | | | | | | | | | | | |

Lithology

Assay Results

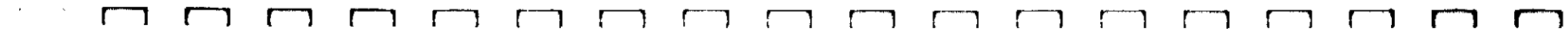
Alteration

| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
|-------------|-----------|-------------|--|-------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| 28.5 | 43.5 | BX | Breccia; deep salmon-pink monzonite to plagioclase porphyry monzonite (PPp) as 0.0 - 13.0 m; intense potassic alteration; some white plagioclase phenocrysts <1-2mm are occasionally clay altered; <5% diorite fragments; disseminated magnetite crystals and sub-cm magnetite clots. Trace fine chalcopyrite in fractures and rarely disseminated. | | | | | | | | | | | | |



| | | | | | |
|-------------------|---------------|------------------|------------|--------------------|-----------|
| Zone | C Pit - North | Easting | 2119.5 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3457.2 | Logged By | V. Park |
| | | Elevation | 1089.7 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | Alteration | | | | | |
|------|------|------|---|------|------|--------|---------------|--------|--------|------------|---|---|---|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 43.5 | BX | Breccia; 80% pink plagioclase porphyry monzonite (PPp) with 20% grey plagioclase porphyry diorite (PPg) - percentages vary from sample to sample; excellent textures; probably all wet, but that's not indicated on the box. | 0.0 | 6.0 | 68325 | 0.226 | 0.007 | 0.27 | 3.53 | 4 | 4 | 4 | tr | tr |
| | | | | 6.0 | 13.5 | 68326 | 0.234 | 0.010 | 0.36 | 3.98 | 2 | 4 | 4 | tr | tr |
| | | | | 13.5 | 21.0 | 68327 | 0.172 | 0.010 | 0.25 | 3.71 | 2 | 4 | 4 | tr | tr |
| | | | | 21.0 | 28.5 | 68328 | 0.160 | 0.005 | 0.17 | 3.35 | 3 | 3 | 4 | tr | tr |
| | | | | 28.5 | 36.0 | 68329 | 0.188 | 0.007 | 0.39 | 3.13 | 4 | 4 | 4 | tr | tr |
| | | | PPp: deep salmon-pink with many, often crowded, white plagioclase phenocrysts <1-2mm; <10% black speckling due to biotite, magnetite and manganese oxide - locally higher. Intense potassic alteration; white plagioclase phenocrysts are variably clay altered +/- sericite - soft, opaque; biotite altered to brownish mica; ubiquitous manganese oxide; minor sericite on occasional fractures; occasional quartz veinlets - milky to <3/4cm to clear hairline stringers; some multiphase veinlets with milky cores and clear quartz (+/-cp and py) along selvages. Strongly magnetitic - disseminated crystals <1/2mm, fracture-fill. hairline stringers - it's everywhere!! <1% chalcopyrite - ubiquitous and often very subtle - as ultra fine (<<1/4mm) crystals disseminated throughout and frequently associated with magnetite and as rarer hairline stringers and filling magnetite-silica fractures/veinlets; chalcopyrite also viewed along quartz veinlet selvages; trace pyrite in similar occurrences. PPg: salt+pepper with widely variable colour index; crowded, unoriented, anhedral plagioclase phenocrysts <1-2mm, occasionally argillically altered; excellent textures improve downhole; abundant biotite. Intensely magnetitic - as disseminated crystals, clots, stringers etc - forms >25% of rock locally. | 36.0 | 43.5 | 68330 | 0.191 | 0.030 | 0.23 | 3.57 | 4 | 4 | 4 | tr | tr |



| Lithology | | | | Assay Results | | | | Alteration | | | | | | | |
|-----------|----|------|-------------|---------------|----|--------|-------|------------|--------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |

Unaltered near end of hole, gaining chloritization by 6.0 m, increased epidote from 13.5m and then grading into weak selective potassic alteration that intensifies until, by the end of the hole, rock types have similar appearance; in unaltered or propylitized rock, strong K-alteration occurs as mm-scale envelopes around micro-veinlets.

<1% pyrite as disseminated crystals, hairline stringers and in fractures - associated with magnetite; trace pyrite as chalcopyrite.

6.0 - 13.5 m: 50 PPg:50 PPg; chloritic, silicified, magnetitic PPg hosts >5% chalcopyrite with minor pyrite - <5% total rock; quartz veinlets<1cm and <1mm - often with chalcopyrite along selvages.

From 21.0 m: some clear quartz eyes <2-3mm in a more equigranular monzonitic phase.



| | | | | | |
|-------------------|---------------|------------------|------------|--------------------|-----------|
| Zone | C Pit - North | Easting | 2147.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3520.0 | Logged By | V. Park |
| | | Elevation | 1090.1 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | |
|------|------|------|--|------|------|--------|---------------|--------|--------|------|------------|---|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp |
| 0.0 | 42.5 | BX | Breccia, as in P00-61; dominantly grey plagioclase porphyry diorite (PPg) (100% at top of hole to 50% by 21.0m and 25% at end of interval); remaining rock is deep pink plagioclase porphyry (PPp); wet from surface. PPg: strong salt+pepper colour; very crowded with white plagioclase phenocrysts <1-2mm; high colour index = 50 or more, rarely less; excellent textures; abundant black biotite. Intensely magnetitic - magnetite fills all interstices, forms clots and stringers and lines fractures; occasional chips, usually silicified are saturated with ultra fine magnetite. Mostly unaltered but with very weak, very localized and selective potassic alteration; very weak but increasing propylitic alteration; strong localized silicification and rare quartz veinlets; near lower contact veinlets have intensely potassic mm-scale alteration envelopes. <1% chalcopyrite as disseminated crystals, stringers and fracture-fill; chalcopyrite always occurs in higher concentrations on silicified, magnetitic phase, especially on fractures; trace pyrite. PPp: deep salmon-pink with white plagioclase phenocrysts <1-2mm; occasionally equigranular; excellent textures; Cl = 5-10 - biotite and magnetite. Intense potassic alteration; minor clotty propylitization; clay alteration of some plagioclase crystals. Moderately to strongly magnetitic. <1% chalcopyrite as irregular stringers and clots, as ultra fine disseminated crystals (often associated with magnetite) and in fractures; decreasing to end of | 0.0 | 6.0 | 68331 | 0.213 | 0.010 | 0.31 | 5.35 | 1 | 5 | tr | tr |
| | | | | 6.0 | 13.5 | 68332 | 0.298 | 0.007 | 0.43 | 4.99 | 2 | 5 | 1 | tr |
| | | | | 13.5 | 21.0 | 68333 | 0.161 | 0.005 | 0.24 | 4.33 | 2 | 5 | 1 | tr |
| | | | | 21.0 | 28.5 | 68334 | 0.105 | 0.002 | 0.16 | 3.55 | 3 | 4 | tr | tr |
| | | | | 28.5 | 36.0 | 68335 | 0.062 | 0.001 | 0.14 | 3.15 | 3 | 3 | tr | tr |
| | | | | 36.0 | 43.5 | 68336 | 0.041 | 0.001 | 0.06 | 2.55 | 3 | 2 | 1 | tr |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-------------|-----------|-------------|--|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| | | | hole; trace pyrite; highest concentrations of sulfides in silica-magnetite fractures. | | | | | | | | | | | | |
| 42.5 | 43.5 | DYKE | Augite porphyry dyke; grey/green-grey feldspar-rich groundmass with augite phenocrysts <2mm; weak chloritization; very strongly magnetitic; no visible sulfides. | | | | | | | | | | | | |



Drillhole Report

P00-63

| | | | | | |
|------------|---------------|-----------|--------|-------------|-----------|
| Zone | C Pit - North | Easting | 2150.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3551.7 | Logged By | V. Park |
| | | Elevation | 1089.9 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 43.5 | BX | Breccia; intermixed dark salmon-pink plagioclase porphyry monzonite (PPp) and equigranular, pink-grey monzonite; minor diorite; excellent textures; fairly consistent throughout; all phases are intensely magnetitic - fine (<1/4mm); abundant biotite; all wet. PPp: strongly K-altered with white, fresh and clay altered plagioclase phenocrysts <1mm - decreasing; minor sericite; rare sub-mm quartz veinlets; often in contact with equigranular phases; faint trachytic texture; <1% chalcopyrite in localized concentrations as ultra fine (<<1/4mm), subtle disseminated crystals, hairline stringers and in magnetite-silica fractures; usually associated with magnetite; minor pyrite. MZ: mottles grey and pink; equigranular to slightly porphyritic; selective potassic alteration affects <50% modal feldspar; abundant magnetite and biotite for slightly higher colour index than in PPp; strongly magnetitic; <1% chalcopyrite as in PPp, but also as sub-mm clots and wider stringers - this unit is slightly more sulfidic than PPp; trace pyrite; weak chloritization throughout - never significant. | 0.0 | 6.0 | 68337 | 0.203 | 0.014 | 0.34 | 4.63 | 3 | | 5 | tr | tr |
| | | | | 6.0 | 13.5 | 68338 | 0.238 | 0.009 | 0.39 | 4.00 | 4 | | 5 | 1 | tr |
| | | | | 13.5 | 21.0 | 68339 | 0.170 | 0.007 | 0.25 | 3.67 | 3 | | 5 | 1 | tr |
| | | | | 21.0 | 28.5 | 68340 | 0.148 | 0.009 | 0.22 | 3.90 | 4 | | 4 | 1 | tr |
| | | | | 28.5 | 36.0 | 68341 | 0.142 | 0.006 | 0.57 | 4.22 | 3 | | 4 | tr | tr |
| | | | | 36.0 | 43.5 | 68342 | 0.149 | 0.006 | 0.41 | 4.73 | 3 | | 5 | tr | tr |



Drillhole Report

P00-64

| | | | | | |
|------------|---------------|-----------|--------|-------------|-----------|
| Zone | C Pit - North | Easting | 2130.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3531.3 | Logged By | V. Park |
| | | Elevation | 1089.8 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|-----|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|----|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 5.5 | BX | Breccia; as P00-62, 61 etc; mostly deep salmon-pink plagioclase porphyry monzonite (PPp) with minor (<5%) grey dioritic plagioclase porphyry; excellent textures; wet from surface. Intense potassic alteration; white clay-altered plagioclase phenocrysts<1-2mm; some sericitic surfaces. Strongly magnetitic - fine disseminated crystals. <1% very fine (<<1/4mm) disseminated chalcopyrite crystals - very subtle - usually associated with magnetite; also as mm-scale clots; rare pyrite. | 0.0 | 6.0 | 68343 | 0.240 | 0.008 | 0.51 | 4.16 | 4 | 4 | 1 | tr | |
| | | | | 6.0 | 13.5 | 68344 | 0.113 | 0.006 | 0.23 | 4.28 | 5 | 4 | tr | tr | |
| | | | | 13.5 | 21.0 | 68345 | 0.101 | 0.004 | 0.18 | 3.59 | 5 | 3 | tr | tr | |
| | | | | 21.0 | 28.5 | 68346 | 0.141 | 0.007 | 0.26 | 3.62 | 5 | 3 | tr | tr | |
| | | | | 28.5 | 36.0 | 68347 | 0.099 | 0.004 | 0.18 | 4.38 | 4 | 3 | tr | tr | |
| | | | | 36.0 | 43.5 | 68348 | 0.079 | 0.003 | 0.14 | 4.42 | 2 | 3 | tr | tr | |
| 5.5 | 6.5 | DYKE | Augite porphyry dyke; dark green/grey-green feldspar-rich groundmass with black and dark green augite phenocrysts <1mm; magnetitic; chloritized; trace ultra fine disseminated pyrite; crosscut with occasional clear, sub-mm quartz veinlets. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 6.5 | 32.0 | BX | <p>Breccia, as 0.0 - 5.5 m; deep salmon-pink; white, partially clay-altered plagioclase phenocrysts <2mm and black biotite and magnetite speckling; good textures.</p> <p>Intense potassic alteration; spotty chlorite from 21.0 m; several clear quartz veinlets and milky veinlets (looks like feldspar) with clear quartz selvages (1mm) w outer selvages of hematite; clear veinlets/fractures often contain chalcopyrite and minor pyrite.</p> <p>Very strongly magnetitic - disseminated crystals <1/4mm; as hairline stringers, as clots <1/2cm and in fractures; in same occurrences as abundant biotite.</p> <p><1% chalcopyrite, locally concentrated - as mm-scale clots in larger magnetite clots, as hairline stringers and as very fine disseminated crystals; chalcopyrite is most obvious in occasional sub-mm quartz-magnetite veinlets; trace pyrite.</p> <p>Grades into:</p> | | | | | | | | | | | | |
| 32.0 | 43.5 | DR | <p>Diorite to monzodiorite; medium grey with mm- to cm-scale pink envelopes around fractures; equigranular to feldspar phyric; salt+pepper colour microscopically; excellent textures.</p> <p>Mostly unaltered, except for very weak and selective potassic alteration of some modal feldspar and intense K-altered envelopes around fractures - <20%.</p> <p>Strongly magnetitic - abundant fine disseminated crystals.</p> <p>Trace chalcopyrite crystals and clots intergrown with magnetite; trace pyrite.</p> | | | | | | | | | | | | |



Drillhole Report

P00-65

| | | | | | |
|-------------------|---------------|------------------|------------|--------------------|-----------|
| Zone | C Pit - North | Easting | 2103.9 | Drilled By | Paramount |
| Length (m) | 36.0 | Northing | 3503.1 | Logged By | V. Park |
| | | Elevation | 1089.8 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 13.0 | BX | Breccia; deep salmon-pink plagioclase porphyry monzonite to equigranular monzonite; much as described in all holes so far; CI <10 = magnetite and biotite; white plagioclase phenocrysts <1-2mm, not abundant, altered to clay; good textures; all wet. | 0.0 | 6.0 | 68349 | 0.268 | 0.010 | 0.43 | 4.33 | 5 | | 4 | 1 | tr |
| | | | | 6.0 | 13.5 | 68350 | 0.248 | 0.008 | 0.41 | 3.96 | 5 | | 4 | 1 | tr |
| | | | | 13.5 | 21.0 | 68351 | 0.069 | 0.022 | 0.14 | 5.49 | 2 | | 5 | | tr |
| | | | | 21.0 | 28.5 | 68352 | 0.149 | 0.030 | 0.26 | 4.87 | 3 | | 5 | tr | tr |
| | | | | 28.5 | 36.0 | 68353 | 0.147 | 0.035 | 0.29 | 5.38 | 3 | | 3 | | tr |
| | | | Intense potassic alteration - affects most minerals except for occasional plagioclase and modal mafics; occasional hairline clear quartz stringers - occasionally with magnetite +/- chalcopyrite. | | | | | | | | | | | | |
| | | | Very, very strongly magnetitic - fine disseminated crystals, hairline stringers (+/- quartz) and sub-cm clots. | | | | | | | | | | | | |
| | | | <1% chalcopyrite as ultra fine (<<1/4mm), subtle disseminations, as hairline wisps and stringers and in magnetite-silica veinlets; sulfides are almost always associated with magnetite. | | | | | | | | | | | | |
| 13.0 | 20.0 | PPg | Plagioclase porphyry; medium grey; subtle plagioclase phyric textures abundant biotite and feldspar-rich groundmass strongly sericitized; diorite to monzonite with weak selective K-alteration; very weakly magnetitic; trace pyrite. | | | | | | | | | | | | |
| | | | Poor recovery of coarse fragments and bleached-looking, sericitic chips suggest a fault. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | |
|-------------|-----------|-------------|--|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| 20.0 | 36.0 | BX | <p>Pink monzonitic breccia, as 0.0 - 13.0 m with <20% greyish-pinkish equigranular phases and <5% mafic, magnetitic plagioclase porphyry diorite; plagioclase phyrlic textures improve.</p> <p>Intense K-alteration to selective to locally absent; minor but increasingly propylitic; stronger sericitization in less potassic fragments.</p> <p>Strongly magnetitic - fine disseminated crystals.</p> <p><1% disseminated and fracture-controlled chalcopyrite, decreases down; trace disseminated pyrite.</p> <p>From 28.5 m: moderate and very localized limonitic staining on some fractures; increased epidote.</p> | | | | | | | | | | | | |



| | | | | | |
|-------------------|---------------|------------------|------------|--------------------|-----------|
| Zone | C Pit - North | Easting | 2111.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3489.6 | Logged By | V. Park |
| | | Elevation | 1089.7 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 19.0 | BX | Breccia; deep salmon-pink; equigranular with rare plagioclase phenocrysts; blurred textures; wet from surface. Intense potassic alteration; increasingly sericitic - most surfaces dusted with sericite; alterations increase to lower contact. Strongly magnetitic - fine disseminated crystals and hairline quartz stringers. <1% chalcopyrite, usually on silicified, magnetitic fracture planes; rare pyrite. | 0.0 | 6.0 | 68354 | 0.228 | 0.010 | 0.27 | 4.60 | 5 | | 4 | tr | tr |
| | | | | 6.0 | 13.5 | 68355 | 0.180 | 0.007 | 0.31 | 4.78 | 5 | | 5 | 1 | tr |
| | | | | 13.5 | 21.0 | 68356 | 0.144 | 0.005 | 0.22 | 3.98 | 5 | | 2 | tr | tr |
| | | | | 21.0 | 28.5 | 68357 | 0.116 | 0.025 | 0.17 | 4.88 | 5 | | 5 | | tr |
| | | | | 28.5 | 36.0 | 68358 | 0.134 | 0.045 | 0.27 | 4.11 | 5 | | 3 | 1 | tr |
| | | | | 36.0 | 43.5 | 68359 | 0.165 | 0.029 | 0.23 | 3.91 | 5 | | 3 | tr | tr |
| 19.0 | 22.0 | DYKE | Augite porphyry dyke; less competent and dyke-like - more representative of structure it occupies; very, very poor recovery of coarse, competent material. Dark green-grey with uncrowded black augite crystals <1-2mm; grain size of groundmass varies. Strongly magnetitic; no visible sulfides. | | | | | | | | | | | | |
| 22.0 | 43.5 | BX | Breccia; dark pink plagioclase porphyry monzonite, as 0.0 - 19.0 m, but with much improved textures and stronger porphyry; with <5% dyke (contamination?) and dioritic material. Intense potassic alteration; ubiquitous sericite; carbonate in fractures; minor clay after feldspar. Abundant disseminated stringy and fracture-controlled magnetite, often with secondary quartz in microveinlets. <1% chalcopyrite, usually in quartz-magnetite veinlets, but also as fine disseminations - decreases to end of hole; trace pyrite. | | | | | | | | | | | | |



| | | | | | |
|-------------------|---------------|------------------|------------|--------------------|-----------|
| Zone | C Pit - North | Easting | 2094.0 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3470.1 | Logged By | V. Park |
| | | Elevation | 1089.8 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 15.0 | BX | Breccia; clay to 6.0 m indicates possible fault; all wet; intermixed deep salmon-pink plagioclase porphyry monzonite with white clay-altered phenocrysts <1mm, pink-grey equigranular monzonite and minor augite porphyry dyke; excellent textures, even in grungy top sample. | 0.0 | 6.0 | 68360 | 0.073 | 0.019 | 0.17 | 4.17 | 2 | | 4 | | tr |
| | | | | 6.0 | 13.5 | 68361 | 0.116 | 0.052 | 0.20 | 4.27 | 2 | | 4 | | tr |
| | | | | 13.5 | 21.0 | 68362 | 0.118 | 0.048 | 0.16 | 5.06 | 2 | | 1 | | |
| | | | | 21.0 | 28.5 | 68363 | 0.083 | 0.029 | 0.11 | 3.98 | 2 | | 1 | | |
| | | | | 28.5 | 36.0 | 68364 | 0.033 | 0.012 | 0.03 | 4.98 | 1 | | 1 | | |
| | | | | 36.0 | 43.5 | 68365 | 0.112 | 0.057 | 0.10 | 5.10 | 1 | | 1 | | |
| | | | Intense potassic alteration in Pp; moderate selective K-alteration in monzonitic rock; in Pp that is less intensely potassic, the selvages along fractures are intensely affected; clay after plagioclase. | | | | | | | | | | | | |
| | | | Strongly magnetitic - disseminated crystals and sub-mm fractures; associated with silica in fractures. | | | | | | | | | | | | |
| | | | Trace pyrite in magnetite-silica veinlets/fractures; no visible chalcopyrite. | | | | | | | | | | | | |
| 15.0 | 43.5 | DYKE | Augite porphyry dyke with <5% Pp as above (decreasing to end of hole); dark green feldspar-rich groundmass with augite phenocrysts <1-2m; intense sericitization and chloritization - rock is very crumbly and incompetent - easily crushed or marked with pressure from fingernail. | | | | | | | | | | | | |
| | | | weakly magnetitic; trace hematite specks; no sulfides. | | | | | | | | | | | | |



| | | | | | |
|-------------------|---------------|------------------|------------|--------------------|-----------|
| Zone | C Pit - North | Easting | 2075.1 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3468.4 | Logged By | V. Park |
| | | Elevation | 1089.7 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | | |
|------|------|------|---|------|------|--------|---------------|--------|--------|------|------------|---|---|-----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 3.0 | BX | Breccia; deep salmon-pink monzonite; blurred but discernible textures due to intense potassic alteration; most mafics destroyed; very weakly magnetitic; milky quartz veinlet fragments <1cm. <1% malachite on fractures; trace blebby chalcopyrite - subtle; trace disseminated pyrite; wet from surface. | 0.0 | 6.0 | 68366 | 0.138 | 0.078 | 0.24 | 4.83 | 2 | | 4 | mal | tr |
| | | | | 6.0 | 13.5 | 68367 | 0.222 | 0.107 | 0.36 | 4.19 | 3 | | 2 | | tr |
| | | | | 13.5 | 21.0 | 68368 | 0.204 | 0.065 | 0.27 | 4.27 | 4 | | 3 | | tr |
| | | | | 21.0 | 28.5 | 68369 | 0.208 | 0.057 | 0.32 | 4.34 | 4 | | 2 | 1 | tr |
| | | | | 28.5 | 36.0 | 68370 | 0.255 | 0.047 | 0.46 | 4.28 | 4 | | 2 | tr | tr |
| | | | | 36.0 | 43.5 | 68371 | 0.237 | 0.053 | 0.35 | 4.17 | 5 | | 2 | tr | tr |
| 3.0 | 6.5 | DYKE | Augite porphyry dyke, as in P00-67 15.0 - 45.0 m; dark grey, brown-grey, purple-grey; aphanitic to fine-grained groundmass with white plagioclase phenocryst <1mm and augite crystals <1-2mm; very, very weakly magnetitic; chlorite and weak hematite. | | | | | | | | | | | | |
| 6.5 | 35.5 | BX | Breccia; salmon-pink monzonite (as 0.0 - 3.0 m) with <5% magnetite-silica fragments and a few dyke chips (= downhole contamination?); both phyric (PPp) and non-phyric (MZ) phases; excellent textures, decreased where alterations are strongest. Intense K-alteration in >50% rocks; alteration in remaining rocks is variable, ranging from semi-pervasive to alteration envelopes <2mm; abundant interstitial biotite; yellowish sericite dusting on some fractures. Moderately and decreasingly magnetitic - disseminated crystals <1/4mm and stringers. Trace to 2% pyrite on fractures, usually associated with magnetite; also as disseminated crystals and blebs, also associated with magnetite. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | | | Alteration | | | | |
|-------------|-----------|-------------|--|---------------|-----------|---------------|--------------|---------------|---------------|-------------|------------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| 35.5 | 36.5 | DYKE | Augite porphyry dyke; seems real but might be downhole contamination - more competent than at 3.0 - 6.5 m; brown-green-grey aphanitic groundmass with augite crystals <1-2mm; weak chloritization and subtle K-alteration; very, very weakly magnetitic; no sulfides. | | | | | | | | | | | | |
| 36.5 | 43.5 | BX | Breccia; deep salmon-pink/orange monzonitic intrusive, as 6.5 - 35.5 m; intense potassic alteration in >50% rocks, variable in rest; abundant biotite in less potassic rock. Weakly magnetitic; <<1% very fine, often subtle wispy disseminated clots and crystals, usually associated with magnetite (+/1 silica); trace pyrite. | | | | | | | | | | | | |



Drillhole Report

P00-69

| | | | | | |
|-------------------|---------------|------------------|------------|--------------------|-----------|
| Zone | C Pit - North | Easting | 2129.9 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3476.6 | Logged By | V. Park |
| | | Elevation | 1089.7 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | Alteration | | | | | |
|------|-----|------|---|------|------|--------|---------------|--------|--------|------------|---|---|----|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 5.5 | BX | Breccia; medium pink-grey, equigranular to weakly porphyritic monzonite with rare dioritic phases; <50% combined blebby interstitial biotite and monzonite; good textures. Weak pervasive K-alteration; plagioclase selectively clay-altered. Strongly magnetitic. <5% fine disseminated chalcopyrite on fractures and disseminated throughout - usually associated with magnetite. Wet from surface. | 0.0 | 6.0 | 68372 | 0.231 | 0.010 | 0.32 | 3.79 | 1 | 4 | 2 | tr | |
| | | | | 6.0 | 13.5 | 68373 | 0.144 | 0.005 | 0.22 | 5.03 | 1 | 3 | | tr | |
| | | | | 13.5 | 21.0 | 68374 | 0.211 | 0.007 | 0.28 | 4.29 | 1 | 3 | tr | tr | |
| | | | | 21.0 | 28.5 | 68375 | 0.353 | 0.011 | 0.77 | 4.76 | 2 | 3 | tr | tr | |
| | | | | 28.5 | 36.0 | 68376 | 0.283 | 0.016 | 0.41 | 4.24 | 2 | 4 | 1 | tr | |
| | | | | 36.0 | 43.5 | 68377 | 0.225 | 0.010 | 0.37 | 3.91 | 2 | 4 | 1 | tr | |
| 5.5 | 8.0 | DYKE | Augite porphyry dyke; medium grey/brown-grey aphanitic groundmass with black augite phenocrysts <1-3mm; uniform and silicified-looking; mm-scale epidote clots; weakly chloritized; trace pyrite; no copper minerals. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | | |
|-----------|------|------|---|---------------|----|--------|-------|------------|--------|------|---|---|---|----|----|--|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 8.0 | 43.5 | BX | <p>Breccia; plagioclase porphyry; 70% pink-grey (PPg) and 30% deep salmon-pink (PPp); composition varies from diorite to monzonite; equigranular locally; excellent textures.</p> <p>PPp: intense potassic alteration; plagioclase phenocrysts <1-2mm occasionally remain white and clay-altered; CI = 5-10, mostly biotite with hornblende and magnetite; minor sericite.</p> <p>Strongly magnetitic - disseminated crystals <1/4mm and very obvious in fractures <1/2mm with quartz and chalcopyrite; also forms sub-cm clots.</p> <p><1% chalcopyrite, increasing from trace at top of interval; mostly seen in magnetite-silica fractures, but also intergrown with magnetite in clots and as rare wispy disseminations <1mm.</p> <p>PPg: grey, to salt+pepper to pink-grey; crowded porphyry with excellent textures - faint alignment locally; CI = 25+, mostly biotite and hornblende - some biotite books >1-2mm.</p> <p>Weak selective K-alteration locally; plagioclase phenocrysts are usually clay-altered.</p> <p>Strongly magnetitic, as stringers and disseminated blebs.</p> <p><1% chalcopyrite, more as disseminated wisps <1/2mm and as hairline stringers.</p> <p>At 36.0 m: possible augite porphyry dyke centered here - OR - fragments might be contamination.</p> | | | | | | | | | | | | | |



Drillhole Report

P00-70

| | | | | | |
|-------------------|---------------|------------------|------------|--------------------|-----------|
| Zone | C Pit - North | Easting | 2143.2 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3499.8 | Logged By | V. Park |
| | | Elevation | 1089.7 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | | Alteration | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------|------------|---|----|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 43.5 | BX | Breccia; monzonite (MZ) and plagioclase porphyry monzonite (PPp) with dioritic sections; <10% massive magnetite (to 28.5m); large angular fragments; 60% deep, dark, salmon-pink, 40% dark grey, grey-pink or black (PPg); wet from surface. | 0.0 | 6.0 | 68378 | 0.463 | 0.019 | 0.76 | 4.97 | 5 | 4 | 2 | tr | |
| | | | PPp+MZ: intense potassic alteration; <50% (usually less) modal biotite +/- hornblende, occasionally sericitized - often intergrown with magnetite; usually equigranular but white, clay-altered plagioclase phenocrysts <1-2mm are occasionally viewed; strongly magnetitic; <2% chalcopyrite decreases to trace - sub-mm disseminated clots, crystals <1/4mm, hairline to wider stringers and in fractures (very obvious) - most commonly associated with or intergrown with magnetite. | 6.0 | 13.5 | 68379 | 0.375 | 0.015 | 0.62 | 4.60 | 5 | 3 | 2 | tr | |
| | | | PPg: grey, green-grey and salt+pepper; weak chloritization to weak selective potassic alteration; <50% mafics - bi+hb+mt; strongly magnetitic; chalcopyrite as described for PPp. | 13.5 | 21.0 | 68380 | 0.282 | 0.008 | 0.36 | 4.24 | 4 | 3 | 1 | tr | |
| | | | 0.0 - 13.5 m: <10% magnetite-silica infused rock and massive magnetite (in quartz) fragments; <2% chalcopyrite. | 21.0 | 28.5 | 68381 | 0.236 | 0.007 | 0.34 | 4.46 | 4 | 3 | 1 | tr | |
| | | | 13.5 - 28.5 m: <1% chalcopyrite. | 28.5 | 36.0 | 68382 | 0.193 | 0.007 | 0.33 | 4.00 | 5 | 3 | tr | tr | |
| | | | 28.5 - 43.5 m: trace chalcopyrite; >70% intensely potassic rock; no magnetite chunks; <2% augitic monzonite; some hairline quartz veinlets; possible structure around 36.0 m where fragments are silicified, faintly aligned and contain hairline sub-parallel quartz veinlets; chalcopyrite, although reduced overall, forms concentrations of >5% in some chips; decreased chip size. | 36.0 | 43.5 | 68383 | 0.134 | 0.006 | 0.25 | 3.76 | 5 | 3 | tr | tr | |



Drillhole Report

P00-71

| | | | | | |
|-------------------|---------------|------------------|------------|--------------------|-----------|
| Zone | C Pit - North | Easting | 2156.5 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3483.2 | Logged By | V. Park |
| | | Elevation | 1089.8 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Lithology</u> <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>Assay Results</u> | | | | <u>Alteration</u> | | | | |
|-------------|-----------|-------------|--|-------------|-----------|---------------|----------------------|---------------|---------------|-------------|-------------------|----------|----------|-----------|-----------|
| | | | | | | | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| 0.0 | 43.5 | BX | Breccia; variable throughout - composition and grain size changes from sample to sample; strongly magnetitic; trace to 1% chalcopyrite with minor pyrite; all wet. | 0.0 | 6.0 | 68384 | 0.263 | 0.009 | 0.30 | 4.51 | 2 | 4 | 1 | tr | |
| | | | 0.0 - 14.0 m: mostly grey (salt+pepper) crowded plagioclase porphyry diorite with >10% biotite+magnetite+hornblende (to >25%); strongly magnetitic - magnetite as disseminated crystals and sub-mm veinlets - usually associated with chalcopyrite (<1%); patchy chloritization of mafics and selective potassic alteration of modal feldspar; <10% chips with intense K-alteration; plagioclase phenocrysts typically clay-altered. | 6.0 | 13.5 | 68385 | 0.170 | 0.008 | 0.23 | 4.07 | 2 | 3 | tr | tr | |
| | | | 14.0 - 28.5 m: AS 0.0 - 14.0 m, but with <20% brownish plagioclase porphyry with white clay-altered plagioclase phenocrysts <1mm. | 13.5 | 21.0 | 68386 | 0.269 | 0.018 | 0.30 | 3.42 | 2 | 3 | tr | tr | |
| | | | 28.5 - 43.5 m: >85% deep salmon-pink, intensely potassic monzonite, occasionally plagioclase porphyry with smoothed textures contains <1% disseminated chalcopyrite associated with magnetite; <15% dioritic plagioclase porphyry as 0.0 - 14.0 m. | 21.0 | 28.5 | 68387 | 0.177 | 0.015 | 0.20 | 3.07 | 3 | 3 | tr | tr | |
| | | | | 28.5 | 36.0 | 68388 | 0.279 | 0.026 | 0.32 | 3.08 | 4 | 3 | tr | tr | |
| | | | | 36.0 | 43.5 | 68389 | 0.239 | 0.027 | 0.23 | 3.50 | 4 | 3 | 1 | tr | |



Drillhole Report

P00-72

| | | | | | |
|-------------------|---------------|------------------|------------|--------------------|-----------|
| Zone | C Pit - North | Easting | 2159.6 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3460.5 | Logged By | V. Park |
| | | Elevation | 1089.8 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au ppt | Fe % | K | A | M | cp | py |
| 0.0 | 35.5 | BX | Breccia; pink and grey; fine-grained diorite to monzonite with some plagioclase porphyry sections; deep salmon-pink, intensely K-altered rock (>90%) with relatively unaltered salt+pepper diorite to plagioclase porphyry; CI = 10-50; weakly magnetic; decent textures; nice-looking hole; all wet. Ubiquitous chalcopyrite, at least 1%, usually on fractures but also disseminated and stringy - associated with magnetite. 0.0 - 6.0 m: pervasively silicified; >1% chalcopyrite in magnetite-silica fractures and disseminated. | 0.0 | 6.0 | 68390 | 0.535 | 0.019 | 0.55 | 4.33 | 4 | | 3 | 1 | tr |
| | | | | 6.0 | 13.5 | 68391 | 0.297 | 0.012 | 0.27 | 4.70 | 4 | | 2 | 1 | tr |
| | | | | 13.5 | 21.0 | 68393 | 0.343 | 0.011 | 0.27 | 3.51 | 4 | | 2 | 1 | tr |
| | | | | 21.0 | 28.5 | 68394 | 0.263 | 0.010 | 0.26 | 3.60 | 4 | | 2 | 2 | tr |
| | | | | 28.5 | 36.0 | 68395 | 0.242 | 0.011 | 0.21 | 3.77 | 4 | | 2 | tr | tr |
| | | | | 36.0 | 43.5 | 68396 | 0.270 | 0.013 | 0.24 | 3.50 | 4 | | 2 | tr | tr |
| 35.5 | 36.5 | DYKE | Augite porphyry dyke; light grey, feldspar-rich groundmass with numerous black and green augite phenocrysts <2mm; groundmass is weakly selectively K-altered; minor hematite after augite; mat magnetic; not sulfidic. | | | | | | | | | | | | |
| 36.5 | 43.5 | BX | Breccia, as 0.0 - 35.5 m; mostly pink and white plagioclase porphyry monzonite; rare clear radiating zeolites; <1% chalcopyrite. | | | | | | | | | | | | |



Drillhole Report

| | | | | | |
|-------------------|---------------|------------------|-----------|-------------------|--------------------|
| Zone | C Pit - North | Easting | 2147.5 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 3565.7 | Logged By | V. Park |
| | | Elevation | 1090.2 | Comments | Wet from 21.0 m |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 32.0 | BX | Breccia; grey and pink-grey; equigranular to plagioclase porphyry; usually monzonite, but also dioritic; moderate pervasive to weak, selective potassic alteration; plagioclase crystals are often clay-altered; some chip shows salt+pepper fragment in pink monzonite; abundant biotite; strongly magnetitic - ultra fine (<<1/4mm) disseminated crystals; trace disseminated chalcopyrite; strong sericitization; wet from 21.0 m. | 0.0 | 6.0 | 68397 | 0.153 | 0.010 | 0.30 | 3.93 | 1 | | 3 | | tr |
| | | | | 6.0 | 13.5 | 68398 | 0.194 | 0.009 | 0.24 | 5.29 | 2 | | 4 | | tr |
| | | | | 13.5 | 21.0 | 68399 | 0.215 | 0.007 | 0.31 | 4.65 | 1 | | 5 | | |
| | | | | 21.0 | 28.5 | 68400 | 0.177 | 0.006 | 0.33 | 4.38 | 2 | | 4 | | |
| | | | | 28.5 | 36.0 | 68401 | 0.142 | 0.007 | 0.28 | 4.71 | 3 | | 3 | | |
| | | | | 36.0 | 43.5 | 68402 | 0.275 | 0.015 | 0.33 | 4.26 | 4 | | 3 | 2 | tr |
| | | | 6.0 - 28.5 m: very, very poor recovery of coarse sample; rock was very powdery/clayey; as a result (proximity to fault?) the few rock fragments that remain may not adequately represent the rock as a whole - assay results indicate a more exciting rock. | | | | | | | | | | | | |
| 32.0 | 36.5 | DYKE | Augite porphyry dyke; medium grey feldspar-rich groundmass with numerous augite phenocrysts <1-2mm; mostly chloritized to make pale green hue, but also hematitic locally to give rock a purplish hue; magnetitic groundmass; minor plagioclase laths <1mm; no sulfides. | | | | | | | | | | | | |
| 36.5 | 43.5 | BX | Breccia, as 0.0 - 32.0 m; increased potassic alteration; increased chalcopyrite to >2%, as disseminated crystals and blebs, on fractures and often closely associated with magnetite; best-looking interval in this hole. | | | | | | | | | | | | |



| | | | | | |
|-------------------|-----------|------------------|-----------|-------------------|--------------------|
| Zone | Southeast | Easting | 3656.0 | Drilled By | Paramount |
| Length (m) | 40.5 | Northing | 2104.0 | Logged By | V. Park |
| | | Elevation | 1074.0 | Comments | All wet |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 16.5 | BX | Breccia; intermixed monzonite (equigranular and plagioclase porphyry) with magnetitic, melanic fine-grained fragments; varying shades of dark orange, grey, black and grey and pink; intense weathering near surface, decreasing to end of interval; very wet. | 0.0 | 6.0 | 68403 | 0.125 | 0.063 | 0.42 | 5.73 | 3 | | 4 | | |
| | | | 0.0 - 6.0 m: 25% dark orange intrusive with intense limonitic staining and earthy sericitic surfaces; <10% melanic, magnetitic intrusive with minor chlorite and epidote; remaining rock is monzonite with variable, often patchy K-spar and epidote alteration that often occur together; unaltered plagioclase phenocrysts <2mm; limonite on fractures; weak to moderate staining. | 6.0 | 12.0 | 68404 | 0.061 | 0.030 | 0.19 | 3.73 | 3 | | 2 | | 1 |
| | | | 6.0 - 16.5 m: rare magnetitic melanic rocks; monzonite is increasingly porphyritic; good textures; moderate pervasive to selective potassic alteration, gradually decreasing and often occurring with patchy epidote; weak limonitic staining; sericitic limonitic fractures; former biotite altered to dark red-orange oxide. | 12.0 | 18.0 | 68405 | 0.064 | 0.032 | 0.28 | 4.17 | 3 | | 2 | | 1 |
| | | | Moderately magnetitic - finely disseminated and clotty; occasionally oxidized. | 18.0 | 25.5 | 68406 | 0.010 | 0.003 | 0.05 | 2.74 | 2 | | 3 | | tr |
| | | | <1% fresh yellow to partially oxidized pyrite - disseminated - often associated with magnetite; more likely part of alteration assemblage. | 25.5 | 33.0 | 68407 | 0.009 | 0.002 | 0.06 | 2.90 | 2 | | 3 | | 1 |
| | | | | 33.0 | 40.5 | 68408 | 0.007 | 0.001 | 0.05 | 2.65 | 2 | | 1 | | 1 |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | |
|-------------|-----------|-------------|--|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>PY</u> |
| 16.5 | 40.5 | PPp | <p>Plagioclase porphyry monzonite to equigranular monzonite; pale pink with cream and grey; excellent igneous textures.</p> <p>Moderate, pale pink pervasive potassic alteration; plagioclase phenocrysts <1-2mm usually unaltered; rare sub-cm, greyish feldspar crystals; ubiquitous epidotic clots and fractures and rare chloritized biotite - increasing with depth.</p> <p>Fine disseminated magnetite.</p> <p><1% disseminated pyrite - occurs with magnetite and epidote; rare sub-cm concentrations with calcite; likely part of alteration assemblage.</p> <p>Blech.</p> | | | | | | | | | | | | |



Drillhole Report

P00-75

| | | | | | |
|-------------------|----------|------------------|------------|--------------------|-----------|
| Zone | Springer | Easting | 1839.9 | Drilled By | Paramount |
| Length (m) | 40.5 | Northing | 3480.6 | Logged By | V.Park |
| | | Elevation | 1178.7 | Comments | |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | Alteration | | | | | |
|------|------|------|--|------|------|--------|---------------|--------|--------|------------|---|---|---|---------|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 10.5 | MZ | Monzonite; possible breccia?; medium pink with fine black speckles; dominantly equigranular with occasional phytic feldspar; excellent aphanitic textures; abundant (>5%) black and cream altered biotite. Strong and increasing pervasive potassic alteration - <10% with intense k-spar; occasional selective K-alteration of feldspar crystals; localized pervasive limonitic staining; biotite variably altered; minor manganese oxide; rare milky quartz veinlet fragments. Strongly magnetitic - very fine (<1/4mm) disseminated and stringy crystals and in fractures. Trace malachite on several fractures from 6.0 m; trace partially oxidized sulfides. Transitional 'contacts'. | 0.0 | 6.0 | 68409 | 0.044 | 0.018 | 0.04 | 4.01 | 4 | | 3 | | |
| | | | | 6.0 | 12.0 | 68410 | 0.171 | 0.124 | 0.10 | 4.59 | 4 | | 4 | mal, tr | tr |
| | | | | 12.0 | 18.0 | 68411 | 0.107 | 0.078 | 0.08 | 3.53 | 4 | | 1 | | |
| | | | | 18.0 | 25.5 | 68412 | 0.113 | 0.084 | 0.14 | 2.01 | 4 | | 1 | | |
| | | | | 25.5 | 33.0 | 68413 | 0.040 | 0.018 | 0.04 | 4.08 | 3 | | 5 | tr | |
| | | | | 33.0 | 40.5 | 68414 | 0.364 | 0.066 | 0.37 | 6.06 | 4 | | 5 | tr | |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | |
|-----------|------|------|--|---------------|----|--------|-------|------------|--------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 10.5 | 31.1 | BX | <p>Breccia; monzonite with phyrlic plagioclase <1-2mm; orange-pink to deep red-pink; original textures are blurred; decreased grain size; slightly larger angular fragments are more likely to break along smooth planes that do not preserve crystal boundaries (as well as above); >10% with strong limonitic staining and earthy orange surface = fractures or contamination from surface; phyrlic textures are better seen near contacts; rock has a uniform, textureless, cooked-looking appearance; rare mafic minerals.</p> <p>Very strong to intense pervasive K-alteration increases to end of interval; all rock has a pearly/sub-vitreous luster due to intense alteration - feldspar alteration over quartz; ubiquitous sericite; minor manganese oxide on fractures; occasional limonitic fractures.</p> <p>Rare disseminated magnetite; no visible sulfides, except for one chip with >10% chalcopyrite after 25.5 m.</p> <p>Weird structure.</p> | | | | | | | | | | | | |
| 31.1 | 34.0 | DYKE | <p>Augite porphyry dyke; dark grey/green-grey; uncrowded augite phenocrysts <1-2mm and white plagioclase laths <1-3mm; moderately soft - can be marked with fingernail; chloritic; sericitic; minor patchy hematite; clay after plagioclase; moderately to strongly magnetitic; not mineralized.</p> | | | | | | | | | | | | |
| 34.0 | 40.5 | BX | <p>Breccia; deep mottled pink and grey; was probably plagioclase porphyry monzonite, but has altered to almost featureless syenite; rare clay altered plagioclase is seen; >10% variably sericitized; ultra fine biotite.</p> <p>Intense pervasive potassic alteration; glassy luster due to silicification (although might be k-spar) - intimately associated with magnetite and sulfides.</p> <p>Intensely magnetitic - ultra fine (<<1/10mm) magnetite in silica invades groundmass and concentrates in clumps - replaces >50% of selected chips.</p> <p>Trace ultra fine disseminated pyrite and chalcopyrite in magnetitic silicified rock.</p> <p>Nice-looking interval!</p> | | | | | | | | | | | | |



| | | | | | |
|------------|----------|-----------|--------|-------------|-----------|
| Zone | Springer | Easting | 1816.3 | Drilled By | Paramount |
| Length (m) | 40.5 | Northing | 3464.0 | Logged By | V.Park |
| | | Elevation | 1181.9 | Comments | |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | |
|------|------|------|--|------|------|--------|---------------|--------|--------|------|------------|---|-----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp |
| 0.0 | 40.5 | BX | Breccia; deep salmon-pink to mottled pink and grey; monzonitic - equigranular and plagioclase phyrlic; in general: intense K-alteration, strongly magnetitic with trace malachite and chalcopyrite on fractures; locally silicified; all dry. | 0.0 | 6.0 | 68415 | 0.307 | 0.220 | 0.24 | 4.23 | 5 | 2 | mal | |
| | | | 0.0 - 12.0 m: dark salmon-pink; dominantly plagioclase porphyry monzonite (PPp) with original textures weakly preserved; white plagioclase phenocrysts <1-3mm are starkly contrasted against pink rock; <2% grey rock; somewhat homogeneous. | 6.0 | 12.0 | 68416 | 0.165 | 0.121 | 0.10 | 3.46 | 5 | 4 | | |
| | | | Intense pervasive K-alteration - combined with hematitic staining (weak) to create intense colouration; potassic rock shows very, very rare bright green epidotic fractures and mm-scale yellowish sericite clots; many plagioclase phenocrysts are selectively clay altered; ubiquitous manganese oxide and hematite/limonite on most fractures; moderate silicification after 6.0 m. | 12.0 | 18.0 | 68417 | 0.135 | 0.105 | 0.09 | 3.41 | 4 | 4 | mal | |
| | | | Strongly magnetitic, increasingly significant after 6.0 m as quartz flooding increases; magnetite as crusty disseminated cubes <1/2mm and as clots of ultra fine crystals with silica invading groundmass; also as sub-mm stringers/fractures - creates tiger-stripe appearance locally; mt>20% in some chips; weakly oxidized in some fractures. | 18.0 | 25.5 | 68418 | 0.248 | 0.196 | 0.19 | 4.38 | 4 | 3 | mal | |
| | | | Trace sub-mm malachite dots on rare fractures. | 25.5 | 33.0 | 68419 | 0.266 | 0.204 | 0.22 | 4.18 | 4 | 4 | tr | |
| | | | 12.0 - 40.5 m: mottled dusty grey and dark pink; 5-10% melanic fragments - volcanic or fine-grained intrusive; mixed phyrlic and non-phyric; 50% rock with intense potassic alteration as 0.0 - 12.0 m; igneous textures are variably preserved - generally better in rock that is less potassic; melanic fragments are intensely magnetitic (fine disseminated), slightly more | 33.0 | 40.5 | 68420 | 0.393 | 0.338 | 0.92 | 5.12 | 4 | 4 | mal | tr |

Lithology

Assay Results

Alteration

| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
|-------------|-----------|-------------|---|-------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| | | | siliceous, occasionally chloritic and very weakly potassic and are occasionally strongly hematitic; secondary biotite, usually altered, is more prevalent; ubiquitous sericite; intense to strong K-alteration; patchy propylitization. Very strongly magnetitic - fine disseminated crystals, blebs, clots and stringers - occasionally associated with secondary quartz; hematitic in fractures. Trace pyrite on fractures throughout and very rare fresh chalcopyrite associated with magnetite. Nice-looking hole. | | | | | | | | | | | | |



| | | | | | |
|-------------------|----------|------------------|-----------|-------------------|--------------------|
| Zone | Springer | Easting | 1798.3 | Drilled By | Paramount |
| Length (m) | 40.5 | Northing | 3444.0 | Logged By | V.Park |
| | | Elevation | 1174.6 | Comments | |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | |
|------|------|------|---|------|------|--------|---------------|--------|--------|------|------------|---|---|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp |
| 0.0 | 31.5 | BX | Breccia?; probably breccia near contacts but looks like drab intrusive near the middle; generally - dominantly plagioclase porphyry (PPp), intensely to strongly K-altered, very weakly magnetitic, sericitic and not overtly mineralized; monzonitic; hard; sharp lower contact; all dry. | 0.0 | 6.0 | 68421 | 0.120 | 0.065 | 0.10 | 2.98 | 4 | 1 | | |
| | | | | 6.0 | 12.0 | 68422 | 0.117 | 0.080 | 0.06 | 3.10 | 4 | 1 | | |
| | | | | 12.0 | 18.0 | 68423 | 0.059 | 0.039 | 0.03 | 2.80 | 4 | 1 | | |
| | | | | 18.0 | 25.5 | 68424 | 0.054 | 0.030 | 0.02 | 3.07 | 4 | 1 | | |
| | | | | 25.5 | 33.0 | 68425 | 0.137 | 0.095 | 0.08 | 3.96 | 4 | 1 | | |
| | | | | 33.0 | 40.5 | 68426 | 0.038 | 0.016 | 0.01 | 5.15 | 1 | 3 | | |
| | | | 0.0 - 9.0 m: deep orange-pink/salmon-pink; PPp; subtle white plagioclase phenocrysts <1mm; intensely K-altered groundmass with homogeneous texture; abundant black speckling due to secondary biotite (variably altered), minor magnetite, ubiquitous manganese oxide and red-black hematite on fractures - rather dirty and weathered-looking; hematite specks and moderate pervasive hematitic staining is common; hematite also as cubic pseudomorphs after disseminated magnetite <1/2mm; minor epidote and chlorite; ubiquitous and locally strong sericite - seen on most surfaces; weakly magnetitic - as disseminations and stringers (occasionally as sub-mm parallel clusters) - muted magnetitic response might be muted due to oxidation; magnetite in fractures with silica. | | | | | | | | | | | |
| | | | 9.0 - 28.5 m: dull pink-grey; good but variable textures; hard; pearly to sub-vitreous luster; almost all surfaces coated with clay and sericite and/or black manganese oxide; cruddy biotite also adds to grungy appearance. | | | | | | | | | | | |
| | | | Strong pervasive K-alteration with minor epidote+chlorite and abundant sericite; several feldspar crystals are selectively clay altered; sericite gives yellowish dusty/felted appearance. | | | | | | | | | | | |
| | | | Barely magnetitic and not mineralized. | | | | | | | | | | | |
| | | | Boring and dead-looking. | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-------------|-----------|-------------|---|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| | | | 28.5 - 31.5 m: deep salmon-pink, intensely potassic Pp as 0.0 - 9.0 m; plagioclase laths are more crowded and slightly more argillic; increased sericite; decreased magnetite and biotite; no visible mineralization, but interval probably runs. | | | | | | | | | | | | |
| 31.5 | 40.5 | DYKE | Augite porphyry dyke; medium-grained with a more monzonitic texture, but this is definitely a dyke; dark/medium grey with green and pink hues; crowded black/dark green augite phenocrysts <1-2mm; feldspar-rich groundmass shows weak to moderate epidote and k-spar occurring together; greyish sericitic powder fills all void space (interstitial); strongly magnetitic; not mineralized. | | | | | | | | | | | | |



Drillhole Report

P00-78

| | | | | | |
|-------------------|----------|------------------|------------|--------------------|-----------|
| Zone | Springer | Easting | 1660.9 | Drilled By | Paramount |
| Length (m) | 40.5 | Northing | 3168.5 | Logged By | V. Park |
| | | Elevation | 1117.3 | Comments | |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|-----|----|
| From | To | LITH | Description | From | To | Taq ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 12.0 | BX | Breccia?; deep salmon-pink with 25% grey; pink rock is texturally destroyed and uniform-looking plagioclase porphyry monzonite (PPp); grey to black rock is fine-grained, equigranular volcanic clast fragments; all dry. | 0.0 | 6.0 | 68427 | 0.074 | 0.045 | 0.08 | 3.70 | 4 | | 2 | | |
| | | | PPp: intense pervasive K-alteration; hematitic staining adds to colouration; abundant hematite pseudomorphs after disseminated magnetite <1/4mm and also in fractures; ubiquitous yellowish sericite - stronger locally; rare epidote; disseminated magnetite, usually oxidized; minor biotite; trace malachite on occasional fractures. | 6.0 | 12.0 | 68428 | 0.111 | 0.081 | 0.08 | 3.03 | 5 | | 1 | mal | |
| | | | Vol: fine-grained; black; rare weak phyric texture; decreasingly common; not magnetic; not mineralized. | 12.0 | 18.0 | 68429 | 0.051 | 0.035 | 0.06 | 3.40 | 2 | | 2 | tr | tr |
| | | | 0.0 - 6.0 m: 50 PPp:50 Vol | 18.0 | 25.5 | 68430 | 0.115 | 0.069 | 0.40 | 4.09 | 3 | | 3 | mal | tr |
| | | | 6.0 - 12.00 m: 95 PPp:5 Vol | 25.5 | 33.0 | 68431 | 0.115 | 0.068 | 0.14 | 4.48 | 2 | | 2 | | |
| | | | Sharply into: | 33.0 | 40.5 | 68432 | 0.060 | 0.015 | 0.09 | 4.28 | 2 | | 3 | tr | tr |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|--|---------------|----|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag.ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 12.0 | 40.5 | MZ | <p>Monzonite; possible breccia; medium grey with pink and green mottling; excellent equigranular textures; locally feldspar phyric; 5-10% salmon-pink chips as 0.0 - 12.0 m; CI (biotite + magnetite) steadily increases; weak to moderate pervasive limonitic staining in <10% of rock.</p> <p>Weak to moderate K-alteration occurs with lesser propylitic alteration; moderate sericitization increases to strong - dusty/felted surfaces with increasingly granular texture; rare localized clay alteration.</p> <p>Moderately magnetitic - fine disseminated crystals, locally associated with secondary quartz.</p> <p>Trace malachite on fractures in pink potassic rock; trace chalcopyrite with magnetite; trace but ubiquitous disseminated pyrite is probably an alteration mineral only.</p> | | | | | | | | | | | | |



| | | | | | |
|-------------------|----------|------------------|-----------|-------------------|--------------------|
| Zone | Springer | Easting | 1696.0 | Drilled By | Paramount |
| Length (m) | 40.5 | Northing | 3165.7 | Logged By | V. Park |
| | | Elevation | 1122.1 | Comments | Wet from 12.0 m |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | Alteration | | | | | |
|------|------|------|---|------|------|--------|---------------|--------|--------|------------|---|---|---|----|----|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 13.5 | MZ | Monzonite; pink/pink-grey; excellent equigranular textures with rare phytic feldspar or augite <1mm; wet from 12.0 m. Moderate but increasing potassic alteration, sub-pervasive; minor epidote and chlorite; increasing sericite; weak to moderate limonitic staining affects <25% rock - persists to end of interval; ubiquitous manganese oxide and limonite on fractures; all alterations increase and rock has a grungy appearance by lower contact. Very strongly magnetitic - fine (<1/4mm) disseminated as well as concentrated in some fractures. <1% widespread and ubiquitous pyrite <1/4mm - disseminated in groundmass, concentrated in fractures and apparently replacing biotite locally; no visible copper minerals. | 0.0 | 6.0 | 68439 | 0.033 | 0.013 | 0.10 | 4.75 | 2 | | 4 | | tr |
| | | | | 6.0 | 12.0 | 68440 | 0.023 | 0.012 | 0.16 | 4.70 | 3 | | 4 | | tr |
| | | | | 12.0 | 18.0 | 68441 | 0.041 | 0.021 | 0.10 | 3.19 | 4 | | 4 | tr | tr |
| | | | | 18.0 | 25.5 | 68442 | 0.044 | 0.013 | 0.12 | 4.25 | 3 | | 5 | tr | tr |
| | | | | 25.5 | 33.0 | 68443 | 0.064 | 0.006 | 0.14 | 3.74 | 3 | | 5 | | tr |
| | | | | 33.0 | 40.5 | 68444 | 0.090 | 0.005 | 0.34 | 3.88 | 2 | | 5 | | tr |
| 13.5 | 18.8 | BX | Breccia; 95% deep salmon-pink/orange monzonitic plagioclase porphyry (PPp) and 5% black equigranular fine-grained volcanic fragments; easily discerned but slightly blurred textures. Intense potassic alteration; decreased biotite, usually oxidized or altered to pyrite (also oxidized); moderate hematitic staining; distinctly different than adjacent units. Fine disseminated magnetite, often oxidized or coated with manganese oxide. Trace pyrite after biotite and one tiny speck of chalcopyrite. | | | | | | | | | | | | |

| Lithology | | | | | | | | Assay Results | | | Alteration | | | | |
|-----------|------|------|--|------|----|--------|-------|---------------|--------|------|------------|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 18.8 | 40.5 | MZ | <p>Monzonite, as 0.0 - 13.5 m; good equigranular textures; dominantly grey with pink/grey/green variants; <10% salmon-pink rock as 13.5 - 18.8 m (possible contamination?); abundant biotite.</p> <p>Interval begins with stronger K-alteration and then grades through potassic and propylitic alteration and ends up dominantly propylitic after 30.0 m; all alterations vary from selective to pervasive and usually occur together; ubiquitous sericite; limonitic staining, especially around fractures, is not abundant but is persistent.</p> <p>Strongly magnetitic - disseminated crystals and some blebs and stringers; minor oxidation.</p> <p><1% ubiquitous pyrite is secondary after biotite and is occasionally associated with magnetite; very rare fine chalcopyrite in magnetite clots; minor oxidation; pyrite is likely an alteration mineral.</p> <p>Blech.</p> | | | | | | | | | | | | |



Drillhole Report

P00-81

| | | | | | |
|-------------------|----------|---------------------------------|----------|-------------------|-----------|
| Zone | Springer | Easting | 1741.4 | Drilled By | Paramount |
| Length (m) | 40.5 | Northing | 3403.6 | Logged By | V. Park |
| | | Elevation | 1165.1 | Comments | |
| | | Depth Az Dip Survey Type | | | |
| | | 0.0 0 -90 | Head Set | | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|-----|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|--------|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 6.3 | BX | Breccia; dark salmon-pink with abundant black speckling; <5% grey or brown; monzonitic; dominantly equigranular but occasional chips show good phyric plagioclase <1-2mm; original textures are easily discerned although there is no contrast between grains; minor augite; strong pearly luster. | 0.0 | 6.0 | 68445 | 0.307 | 0.246 | 0.39 | 5.39 | 5 | | 4 | | mal |
| | | | | 6.0 | 12.0 | 68446 | 0.131 | 0.078 | 0.12 | 7.07 | 2 | | 4 | | |
| | | | | 12.0 | 18.0 | 68447 | 0.364 | 0.264 | 0.82 | 6.08 | 4 | | 4 | | chry |
| | | | | 18.0 | 25.5 | 68448 | 0.483 | 0.373 | 0.59 | 7.08 | 5 | | 3 | | mal, c |
| | | | | 25.5 | 33.0 | 68449 | 0.300 | 0.235 | 0.30 | 5.80 | 5 | | 2 | | |
| | | | | 33.0 | 40.5 | 68450 | 0.411 | 0.346 | 0.41 | 6.61 | 5 | | 1 | | |
| | | | Intense pervasive K-alteration; rare plagioclase phenocrysts are unaffected; weak sericite; hematite/staining contributes to deep colouration; <5% chips are very weathered with void space, stronger clay/sericite and more limonitic surfaces. | | | | | | | | | | | | |
| | | | Strongly magnetitic - disseminated crystals <1/4mm and sub-mm clots, stringers, fractures etc.; comprises <20% locally - rarely more. | | | | | | | | | | | | |
| | | | Rare specks of malachite; no visible sulfides. | | | | | | | | | | | | |
| | | | Nice-looking interval. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | |
|-----------|------|------|--|---------------|----|--------|-------|------------|--------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 6.3 | 11.9 | PPg | <p>Plagioclase porphyry (?) dyke; grey with green and pink hues; mostly equigranular but a few chips show subtle plagioclase lath ghosts; original textures are discernible but quite blurred; grainy fine-grained appearance.</p> <p>Very strong sericitization dominates - rock has incompetent-looking, sugary, decomposed appearance; soft, but can't be marked with fingernail; other propylitic minerals epidote and chlorite are also very strong; lesser selective K-alteration occurs in propylitic fragments; minor selective K-alteration; oxidation on several fractures and weak limonitic staining.</p> <p>Strongly magnetitic groundmass - fine disseminated crystals.</p> <p>Not visibly mineralized.</p> <p>Sharp upper contact.</p> | | | | | | | | | | | | |
| 11.9 | 13.8 | DYKE | <p>Dyke; medium to dark grey; usually non-phyric; aphanitic to fine-grained; possible chill margin of 6.3 - 11.9 m?; breaks into angular fragments with smooth faces and sharp edges.</p> <p>Strongly magnetitic; faint hematitic hue throughout; not mineralized.</p> <p>Sharp lower contact.</p> | | | | | | | | | | | | |
| 13.8 | 40.5 | BX | <p>Breccia; dark salmon-pink with black speckles as 0.0 - 6.3 m; plagioclase phenocrysts <1-2mm, white, earthy and clay altered, are common (but not abundant) enough for this to be PPp; <1% volcanic fragments; decent textures; minor variability; all dry.</p> <p>Intense pervasive K-alteration; <5% chips with strong yellow-orange limonitic staining to 30.0 m; minor ubiquitous sericite; limonitic fractures with increased clay and sericite.</p> <p>Strong but decreasing magnetite; fine disseminated crystals, clots, stringers, fractures etc..</p> <p>Trace sub-mm malachite specks; possible tiny fleck of chrysocolla (18.0 - 25.5 m); one tiny chalcopyrite fleck in magnetite fracture; nice-looking interval even though mineralization is difficult to see.</p> | | | | | | | | | | | | |



Drillhole Report

P00-82

| | | | | | |
|-------------------|----------|------------------|-----------|-------------------|------------------------------|
| Zone | Springer | Easting | 1727.5 | Drilled By | Paramount |
| Length (m) | 40.5 | Northing | 3359.8 | Logged By | V. Park |
| | | Elevation | 1150.5 | Comments | All wet, except 12.0 - 18.0m |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|------|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 25.3 | BX | Breccia; dark salmon-pink; monzonitic; equigranular and plagioclase phyric; original textures are blurred but discernible; all wet except 12.0 - 18.0 m. Intense pervasive potassic alteration; rare preserved plagioclase laths <1mm are often unaltered except for minor clay; limonitic/hematitic staining adds to intense colour; minor sericite; occasional limonitic fractures; black biotite is occasionally altered to sericite, limonite or manganese oxide; little variation. Fine magnetite occurs with biotite to create distinct black speckling and streaking - occurs as clots, stringers fractures - decreasing to end of interval; weak magnetic response due to partial oxidation; magnetite content 5-20%. Trace, very subtle blue-green chrysocolla on rare fractures; no visible sulfides, but due to degree of oxidation and amount of magnetite, I expect this interval to return good grades. | 0.0 | 6.0 | 48601 | 0.346 | 0.243 | 0.45 | 5.65 | 5 | | 1 | | chry |
| | | | | 6.0 | 12.0 | 48602 | 0.372 | 0.295 | 0.62 | 6.28 | 5 | | 3 | | chry |
| | | | | 12.0 | 18.0 | 48603 | 0.458 | 0.361 | 0.49 | 7.43 | 5 | | 1 | | chry |
| | | | | 18.0 | 25.5 | 48604 | 0.365 | 0.242 | 0.42 | 6.68 | 5 | | | | |
| | | | | 25.5 | 33.0 | 48605 | 0.261 | 0.178 | 0.28 | 7.23 | 5 | | 2 | | |
| | | | | 33.0 | 40.5 | 48606 | 0.359 | 0.278 | 0.38 | 6.78 | 5 | | 2 | | mal |
| 25.3 | 25.6 | DYKE | Dyke, as P00-81 and P00-85, but with significantly decreased width - very strange; greenish-grey feldspar-rich groundmass with very subtle plagioclase phenocrysts <1mm; no augite; intensely sericitic; aphanitic; magnetitic volcanic-like near lower contact = chill margin? | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | |
|-------------|-----------|-------------|--|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| 25.6 | 40.5 | BX | <p>Breccia; as 0.0 - 25.3 m; good plagioclase porphyry with white, occasionally lay altered phenocrysts <1-2mm in contrast with dark salmon-pink groundmass; strong black speckling; abundant biotite.</p> <p>Intense K-alteration; limonite stained envelopes <1/2mm adjacent to occasional fractures; <10% rock with weaker, more selective potassium; <2% rock with very strong argillic alteration; minor selective clay alteration.</p> <p>Abundant magnetite (with biotite) as disseminated crystals, clots and as fine stringers; weak response to magnet.</p> <p>Trace malachite on fractures; alteration and magnetite suggest strong, but not visible, mineralization.</p> | | | | | | | | | | | | |



| | | | | | |
|-------------------|----------|------------------|------------|--------------------|-----------|
| Zone | Springer | Easting | 1683.2 | Drilled By | Paramount |
| Length (m) | 40.5 | Northing | 3355.6 | Logged By | V. Park |
| | | Elevation | 1150.8 | Comments | |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|----|-----|--|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 0.0 | 17.6 | BX | Breccia; correlates with P00-81, 82 85 etc.; deep salmon-pink with some grey mottling and black speckles; ubiquitous but decreasing biotite, often altered; all dry. Intense to very strong K-alteration - pervasive, but occasional plagioclase phenocrysts are less or not affected; ubiquitous sericite, locally stronger; minor limonitic staining near top of interval; minor quartz flooding locally. Intensely magnetitic - fine and abundant disseminated crystals and as clots and stringers; occasionally oxidized - especially in fractures. Trace and rare malachite; note: due to intense K-alteration and abundant magnetite I expect this interval to have good grades although the mineralization is not visible. 9.0 - 15.0 m: dull grey-pink (more like PPg) with better textures; slightly glassy and more competent; increased sericite as strong dusting on surfaces - more like phyllic zone. | 0.0 | 6.0 | 48607 | 0.258 | 0.221 | 0.15 | 6.35 | 5 | | | 5 | | |
| | | | | 6.0 | 12.0 | 48608 | 0.278 | 0.206 | 0.15 | 6.96 | 5 | | | 5 | | |
| | | | | 12.0 | 18.0 | 48609 | 0.228 | 0.173 | 0.13 | 6.20 | 4 | | | 5 | mal | |
| | | | | 18.0 | 25.5 | 48610 | 0.268 | 0.209 | 0.17 | 7.43 | 5 | | | 5 | mal | |
| | | | | 25.5 | 33.0 | 48611 | 0.061 | 0.045 | 0.05 | 6.59 | 0 | | | 5 | | |
| | | | | 33.0 | 40.5 | 48612 | 0.134 | 0.070 | 0.09 | 6.66 | 5 | | | 5 | tr | |
| 17.6 | 36.0 | DYKE | Dyke, as P00-81 6.3 - 13.8 m; uniform fine-grained texture - might possibly be plagioclase porphyry (PPg); dusty medium grey with faint greenish hue and very subtle pink locally; feldspar-rich groundmass with sub-vitreous luster; hard; sugary; abundant sericite; weak to moderate propylitic alteration with selective K-alteration in patches; magnetitic; not visibly mineralized. Very sharp contacts. | | | | | | | | | | | | | |



| Lithology | | | | Assay Results | | | | | | | Alteration | | | | |
|-------------|-----------|-------------|--|---------------|-----------|---------------|--------------|---------------|---------------|-------------|------------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>pY</u> |
| 36.0 | 40.5 | BX | Breccia, as 0.0 - 17.6 m; deep salmon-pink with strong black (magnetite + biotite) speckling; blurred textures; rare white phyrlic plagioclase; intensely potassic; minor sericite; abundant magnetite; no visible mineralization. | | | | | | | | | | | | |



| | | | | | |
|------------|----------|-----------|--------|-------------|-----------------|
| Zone | Springer | Easting | 1686.1 | Drilled By | Paramount |
| Length (m) | 40.5 | Northing | 3332.7 | Logged By | V. Park |
| | | Elevation | 1146.3 | Comments | Wet from 33.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 | 0 | -90 | Head Set |

| From | To | LITH | Lithology Description | From | To | Tag ID | Assay Results | | | | Alteration | | | |
|------|------|------|---|------|------|--------|---------------|--------|--------|------|------------|---|---|---------|
| | | | | | | | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp |
| 0.0 | 17.1 | BX | Breccia, as in P00-81, 81, 83, 85; dark salmon-pink with grey, black and lighter pink-and-green; equigranular grading into plagioclase porphyry (PPp); igneous textures increasingly blurred. Very strong K-alteration increasingly intense to lower contact; moderate sericite decreases; rare epidotic fractures; very minor selective clay alteration; manganese oxide on occasional surfaces; minor limonite and hematite staining; spotty oxidation. Moderately and increasingly magnetitic - disseminated crystals <1/4mm and clots and stringers; strongly evident. Trace malachite on occasional fractures; trace to >1% fine disseminated chalcopyrite; no visible pyrite. 0.0 - 7.0 m: less intense potassic alteration; light pink and green with faint orange; medium fine-grained equigranular; good textures; sub-translucent; pearly luster; 25% salmon-pink PPp; moderate, almost completely pervasive K-alteration with weak epidote spots; spotty manganese oxide; oxidation on many fractures and after disseminated magnetite. Moderately magnetitic - disseminated crystals, often altered to hematite or coated with manganese oxide; magnetite also in fractures. Trace malachite in magnetitic fractures. 7.0 - 12.0 m: strong pervasive K-alteration; abundant biotite; increasingly magnetitic; moderately well preserved textures. >1% fine (<1/10mm), subtle disseminated chalcopyrite - commonly associated and intergrown with magnetite; local concentrations of chalcopyrite are higher; abundant malachite (<1%). 12.0 - 17.1 m: intense potassic alteration; most | 0.0 | 6.0 | 48613 | 0.634 | 0.543 | 0.20 | 4.66 | 4 | | 2 | mal |
| | | | | 6.0 | 12.0 | 48614 | 0.520 | 0.397 | 0.19 | 5.99 | 4 | | 3 | mal, 1 |
| | | | | 12.0 | 18.0 | 48615 | 0.244 | 0.166 | 0.12 | 4.10 | 5 | | 4 | |
| | | | | 18.0 | 25.5 | 48616 | 0.308 | 0.216 | 0.15 | 6.50 | 5 | | 4 | mal |
| | | | | 25.5 | 33.0 | 48617 | 0.266 | 0.183 | 0.17 | 5.29 | 5 | | 4 | mal, tr |
| | | | | 33.0 | 40.5 | 48618 | 0.246 | 0.134 | 0.15 | 5.56 | 5 | | 3 | mal |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|--|---------------|----|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| | | | original textures are almost destroyed; deepest dark salmon-pink; uniform appearance; rare biotite; ubiquitous disseminated and stringy magnetite; very subtle wispy argillic alteration of fine modal feldspar; not visibly mineralized but intense alteration and increased magnetite indicate probable good grades. | | | | | | | | | | | | |
| 17.1 | 18.1 | DYKE | Dyke, as in P00-81, 83, 85; medium green-grey, fine-grained feldspar-rich groundmass without phyrlic minerals; sugar/granular; greenish hue due to very strong sericite with lesser chlorite and epidote; magnetitic groundmass; hematitic fractures (after magnetite) as well as faint hematitic staining locally; soft and less competent; not mineralized. Sharp upper contact; indistinct lower contact. | | | | | | | | | | | | |
| 18.1 | 25.4 | BX | Breccia; intensely K-altered plagioclase porphyry monzonite (PPp) as 0.0 - 17.1 m; black speckling due to abundant magnetite and biotite; subtle but decent textures; strongly magnetitic - blebs, clumps and stringers to >50% of some chips; moderate limonitic staining and increased limonitic fractures; trace malachite. | | | | | | | | | | | | |
| 25.4 | 25.6 | PPg | Plagioclase porphyry dyke ?); apophysis of 17.1 - 18.1 m?; similar to P00-81 6.3 - 11.9 m; brownish pink with crowded white plagioclase phenocrysts <2mm; potassic; magnetitic, micaceous groundmass; hard and glassy-looking; not visibly mineralized. | | | | | | | | | | | | |
| 25.6 | 39.4 | BX | Breccia; dark salmon-pink PPp as 0.0 - 17.1 m and 18.1 - 25.4 m; <5% deep hematite-rod/purple; strong black speckling and streaking due to clots of biotite and magnetite, and magnetite stringers/veinlets; magnetite stringers create micro-stockwork locally; pervasive K-alteration becomes even more intense to end of interval; original textures are only crudely preserved; trace malachite and <1% disseminated chalcopyrite - associated with magnetite; wet from 33.0 m. 5% deep red/purple rock is strongly potassic, silicified, infused with fine magnetite (in silica) and hosts >5% ultra fine disseminated chalcopyrite. | | | | | | | | | | | | |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | |
|-------------|-----------|-------------|--|---------------|-----------|---------------|--------------|---------------|---------------|-------------|----------|----------|----------|-----------|-----------|
| <u>From</u> | <u>To</u> | <u>LITH</u> | <u>Description</u> | <u>From</u> | <u>To</u> | <u>Tag ID</u> | <u>TCu %</u> | <u>CuNS %</u> | <u>Au gpt</u> | <u>Fe %</u> | <u>K</u> | <u>A</u> | <u>M</u> | <u>cp</u> | <u>py</u> |
| 39.4 | 40.5 | DYKE | <p>Augite porphyry dyke (?); possible downhole contamination in a wet interval; if it's real, I can't accurately determine its location.</p> <p>Fine-grained equigranular feldspar-rich groundmass; very rare greenish augite phenocrysts <1mm; variably chloritic and/or hematite stained.</p> <p>Sugary, granular texture; sericitic; hard and competent.</p> <p>Weak magnetitic.</p> <p>No visible mineralization.</p> | | | | | | | | | | | | |



Drillhole Report

P00-85

| | | | | | |
|-------------------|----------|------------------|------------|--------------------|--------------------------------|
| Zone | Springer | Easting | 1713.2 | Drilled By | Paramount |
| Length (m) | 40.5 | Northing | 3312.7 | Logged By | V. Park |
| | | Elevation | 1139.4 | Comments | Damp to 12.0 m; very wet after |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | | Alteration | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|--------|------------|---|---|---|---------|------|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 10.5 | BX | Breccia; correlates with P00-81 0.0 - 6.3 m etc.; deep salmon-pink; equigranular monzonite and phyric PpP; phyric textures improve significantly after 6.0 m; strongly magnetitic; trace blue-green mineral = chrysocolla?; damp. | 0.0 | 6.0 | 48619 | 0.419 | 0.314 | 0.55 | 6.78 | 5 | | 4 | | chry |
| | | | 0.0 - 6.0 m: larger, angular fragments covered with silty mud = overburden/weathered rock; deep salmon-pink with brighter orange limonitic staining locally; increased sericite and clay alteration due to weathering; abundant black magnetite specks and stringers; limonitic fractures; minor volcanic fragments; rare quartz veinlet fragments. | 6.0 | 12.0 | 48620 | 0.134 | 0.106 | 0.15 | 5.50 | 5 | | 4 | | |
| | | | 6.0 - 10.5 m: excellent textures; very intense K-alteration; deep salmon-pink with white plagioclase and abundant black (biotite and magnetite) speckles, stringers, clots and fractures; abundant biotite; minor localized quartz flooding associated with increased magnetite; no visible mineralization, but nice-looking anyway. | 12.0 | 18.0 | 48621 | 0.077 | 0.047 | 0.09 | 4.88 | 1 | | 3 | | |
| | | | Sharp lower contact. | 18.0 | 25.5 | 48622 | 0.181 | 0.107 | 0.17 | 5.39 | 2 | | 3 | tr | |
| | | | | 25.5 | 33.0 | 48623 | 0.254 | 0.108 | 0.19 | 5.85 | 5 | | 4 | mal, tr | |
| | | | | 33.0 | 40.5 | 48624 | 0.258 | 0.112 | 0.23 | 6.19 | 4 | | 4 | tr | |

| Lithology | | | | Assay Results | | | | Alteration | | | | | | | |
|-----------|------|------|--|---------------|----|--------|-------|------------|--------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 10.5 | 23.6 | DYKE | <p>Dyke; correlates with P00-81 6.3 - 13.8 m; medium green-grey; fine-grained equigranular to 18.0 m - weakly augite phyric after; soft (can be crushed with minimal pressure) but slightly more competent near lower contact; occupies fault with lots of activity; wet.</p> <p>Intensely sericitized to create grainy, bleached-looking micaceous unit; also strong epidote and chlorite; occasional hematite staining; very minor selective K-alteration; uncrowded augite phenocrysts <1mm; clay/hematite on some fractures.</p> <p>Not magnetic until lower contact where sericite is significantly decreased.</p> <p>Not mineralized.</p> <p>Sharp contacts.</p> | | | | | | | | | | | | |
| 23.6 | 40.5 | BX | <p>Breccia; 90% deep salmon-pink with black speckles as 0.0 - 10.5 m; 10% green-grey sericitized dyke as 10.5 - 23.6 m - might be downhole contamination in a wet hole.</p> <p>BX: blurred but discernible igneous textures; equigranular but probably also plagioclase phyric (phenocrysts are not often preserved).</p> <p>Intense pervasive K-alteration; minor sericite; rare quartz veinlet fragments; minor limonitic fractures and staining.</p> <p>Very, very strongly magnetitic; fine magnetite as disseminated crystals, but more commonly as veinlets/stringers that form stockwork/micro-breccia locally; also as clots, blebs etc.; magnetite (+/-bi) can comprise >20% frequently - occasional chips are completely infused.</p> <p><1% chalcopyrite - fine crystals and blebs, fresh, intergrown with magnetite in blebs, clots, veinlets - not abundant but ubiquitous and easily seen; <1% malachite in fractures; oxidized chalcopyrite is also seen in occasional magnetitic fractures; no pyrite.</p> <p>Nice-looking interval.</p> <p>DYKE: probably contamination; better augite porphyry than above; intense sericite; feldspar-rich; strongly magnetitic; not mineralized.</p> | | | | | | | | | | | | |



Drillhole Report

P00-86

| | | | | | |
|-------------------|-----------|------------------|-----------|-------------------|---------------------------------|
| Zone | Southeast | Easting | 3949.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2099.1 | Logged By | V. Park |
| | | Elevation | 1027.4 | Comments | Sample discarded before logging |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|------------|------|----|----|----|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 43.5 | UK | No reject retained for logging, therefore, lithology is unknown; sample numbers are assumed. | 0.0 | 6.0 | 48723 | 0.033 | 0.013 | 0.04 | 6.41 | -1 | -1 | -1 | -1 | -1 |
| | | | | 6.0 | 13.5 | 48724 | 0.066 | 0.020 | 0.05 | 1.04 | -1 | -1 | -1 | -1 | -1 |
| | | | | 13.5 | 21.0 | 48725 | 0.065 | 0.007 | 0.06 | 9.26 | -1 | -1 | -1 | -1 | -1 |
| | | | | 21.0 | 28.5 | 48726 | 0.044 | 0.006 | 0.06 | 5.03 | -1 | -1 | -1 | -1 | -1 |
| | | | | 28.5 | 36.0 | 48727 | 0.043 | 0.008 | 0.23 | 5.25 | -1 | -1 | -1 | -1 | -1 |
| | | | | 36.0 | 43.5 | 48728 | 0.039 | 0.011 | 0.06 | 5.50 | -1 | -1 | -1 | -1 | -1 |



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 Mount Polley Mine

Drillhole Report

P00-87

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|---------------------------------|
| Zone | Southeast | Easting | 3936.6 | Drilled By | Paramount |
| Length (m) | 6.0 | Northing | 2126.3 | Logged By | V. Park |
| | | Elevation | 1029.5 | Comments | Sample discarded before logging |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|-----|------|--|---------------|-----|--------|-------|--------|------------|------|----|----|----|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 6.0 | UK | No reject retained for logging, therefore, lithology is unknown; sample numbers are assumed. | 0.0 | 6.0 | 48729 | 0.041 | 0.015 | 0.16 | 4.27 | -1 | -1 | -1 | -1 | -1 |



| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3780.9 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2200.8 | Logged By | V. Park |
| | | Elevation | 1049.9 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 43.5 | BX | Breccia; all intrusive rocks - monzonite to diorite; strongly phyrlic to equigranular; good igneous textures; wide colour variations - orange, pink, grey and green - generally grey increases and orange decreases; all wet. | 0.0 | 6.0 | 48730 | 0.177 | 0.117 | 0.20 | 5.41 | 3 | 1 | | | tr |
| | | | Strongly limonitic surfaces and pervasive limonitic staining to 21.0 m; minor limonitic fractures and rare staining after; oxidation is strongest and most obvious alteration. | 6.0 | 13.5 | 48731 | 0.125 | 0.077 | 0.16 | 6.34 | 2 | 3 | | | tr |
| | | | Moderate K-alteration is pervasive near top of hole, but steadily decreases to selective; epidote (+/- chlorite) as mm-scale specks in potassic rock becomes increasingly dominant with some fragments entirely affected; by end of hole propylitic alteration is very, very slightly stronger than potassic alteration, but both often occur together. | 13.5 | 21.0 | 48732 | 0.093 | 0.050 | 0.08 | 5.11 | 3 | 3 | | | tr |
| | | | Minor selective clay alteration of feldspar phenocrysts; manganese oxide on many fractures, especially where oxidation/staining is strongest; biotite altered to limonite. | 21.0 | 28.5 | 48733 | 0.062 | 0.034 | 0.08 | 3.61 | 2 | 3 | | | tr |
| | | | Strongly and increasing magnetitic - fine disseminated crystals and clots; frequently oxidized in fractures; associated with weak pervasive silicification after 28.5 m. | 28.5 | 36.0 | 48734 | 0.096 | 0.037 | 0.26 | 4.30 | 2 | 4 | | | t |
| | | | Trace to 2% pyrite, increasing to end of hole; partially to completely oxidized above 28.5 m; after, pyrite occurs as fresh disseminated clots that seem more related to alteration than to mineralization; also in numerous fractures. | 36.0 | 43.5 | 48735 | 0.100 | 0.035 | 0.23 | 5.07 | 1 | 5 | | | 2 |
| | | | No visible chalcocopyrite. | | | | | | | | | | | | |



| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3767.5 | Drilled By | Paramount |
| Length (m) | 28.5 | Northing | 2205.5 | Logged By | V. Park |
| | | Elevation | 1053.9 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 28.5 | BX | Magnetitic breccia; dark grey to black; dominantly melanic plagioclase porphyry (PPg) with increasing quantities of pink and orange monzonitic fragments with intense pervasive limonitic staining (5% increasing to 40%) that might be over-represented as contamination in a wet hole; good textures; wet from surface. | 0.0 | 6.0 | 48736 | 0.075 | 0.042 | 0.10 | 7.15 | 1 | | 5 | | tr |
| | | | | 6.0 | 13.5 | 48737 | 0.080 | 0.051 | 0.10 | 6.65 | 1 | | 5 | | tr |
| | | | | 13.5 | 21.0 | 48738 | 0.131 | 0.050 | 0.27 | 6.20 | 3 | | 5 | tr | 3 |
| | | | | 21.0 | 28.5 | 48739 | 0.089 | 0.023 | 0.10 | 6.64 | 3 | | 5 | tr | 3 |
| | | | Intensely silicified and magnetitic groundmass; epidotic fractures and weak chloritization of groundmass; dusty sericitic surfaces near surface; monzonitic fragments show strong K-alteration and pervasive limonitic staining and clay and minor epidote - I suspect that this material is contamination; occasional limonitic fractures elsewhere. | | | | | | | | | | | | |
| | | | Trace pyrite increasing to 3% - fresh to oxidized on fractures; pyrite and chalcopyrite (<1% overall, but >10% in some chips) as fine disseminations in magnetitic, silicified groundmass; remaining pyrite as coarser clots, often in oxidized, monzonitic rock = alteration product. | | | | | | | | | | | | |



Drillhole Report

P00-90

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3752.7 | Drilled By | Paramount |
| Length (m) | 13.5 | Northing | 2204.9 | Logged By | V. Park |
| | | Elevation | 1054.1 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 13.5 | BX | Breccia; large ogle fragments = possible overburden; as this hole was abandoned, I expect that the ground was very bad; wet from surface. | 0.0 | 6.0 | 48740 | 0.108 | 0.060 | 0.08 | 3.71 | 1 | | | 4 | |
| | | | Mottled orange, black, grey and pink - each chip is different; heterolithic - pinkish equigranular to plagioclase phyric monzonite with grey plagioclase porphyry (PPg) and siliceous, magnetitic melanic rock; good igneous textures throughout; possible minor augite porphyry dyke. | 6.0 | 13.5 | 48741 | 0.094 | 0.052 | 0.06 | 3.47 | 1 | | | 4 | |
| | | | Many limonitic fractures; kspar and epidote are equally strong, ranging from selective to locally pervasive; silicified; ubiquitous sericitization. | | | | | | | | | | | | |
| | | | Strongly magnetitic - disseminated crystals <1/2mm in monzonite and as finer crystals in other rock types; strongest magnetite in silicified sections. | | | | | | | | | | | | |
| | | | Trace oxidized, disseminated pyrite. | | | | | | | | | | | | |
| | | | Blech. | | | | | | | | | | | | |



| | | | | | |
|------------|-----------|-----------|--------|-------------|-----------|
| Zone | Southeast | Easting | 3743.8 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2204.5 | Logged By | V. Park |
| | | Elevation | 1055.7 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 43.5 | BX | Breccia; mostly greenish orange monzonitic intrusive (equigranular>phyric) with <5% fine-grained, black magnetitic, silicified intrusive and volcanic; all igneous textures are strongly evident to unaided eye; moderate pervasive limonitic staining in 25-50% rock fragments persists throughout; occasional rounded fragments = contamination in a very wet hole; this rock never looks like it's completely in situ. | 0.0 | 6.0 | 48742 | 0.154 | 0.103 | 0.05 | 3.31 | 3 | 1 | | | tr |
| | | | | 6.0 | 13.5 | 48743 | 0.124 | 0.076 | 0.05 | 3.01 | 2 | 1 | | | 1 |
| | | | | 13.5 | 21.0 | 48744 | 0.237 | 0.141 | 0.08 | 3.62 | 2 | 1 | | | 1 |
| | | | | 21.0 | 28.5 | 48745 | 0.154 | 0.085 | 0.08 | 3.10 | 2 | 1 | | | 1 |
| | | | | 28.5 | 36.0 | 48746 | 0.142 | 0.087 | 0.07 | 2.69 | 2 | 1 | | | 1 |
| | | | | 36.0 | 43.5 | 48747 | 0.141 | 0.084 | 0.09 | 2.98 | 2 | 1 | | | 1 |
| | | | Oxidation to end of hole; strong K-alteration locally, but mostly epidote and k-spar occur together to create pink and green rock; mostly strongly potassic rocks also show strongest limonitic staining; some feldspars altered to white clay; ubiquitous sericite. | | | | | | | | | | | | |
| | | | Very weakly (but increasing marginally) magnetitic - fine disseminated crystals (rare) in monzonite, finer and more abundant in melanic rocks. | | | | | | | | | | | | |
| | | | <1% pyrite throughout, as sub-mm disseminated clots that are usually at least weakly oxidized - pseudomorphs are common; no visible chalcopyrite. | | | | | | | | | | | | |



| | | | | | |
|------------|-----------|-----------|--------|-------------|-----------|
| Zone | Southeast | Easting | 3730.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2208.5 | Logged By | V. Park |
| | | Elevation | 1058.1 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|------------|------|---|---|---------|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 26.0 | BX | Breccia; >85% dark orange/pink intensely potassic monzonitic intrusive with intense pervasive limonitic staining with <15% black rock composed almost entirely of magnetite and silica (probable cement). Orange/pink monzonitic rock has strong pearly luster and original textures, although discernible, are badly blurred; protolith was probably PPg; also appears silicified as some fragments are sub-translucent and break like glass; dominant colours are deep orange and abundant black manganese oxide that occurs on almost every surface; ubiquitous and often very strong sericitization - felted, shimmery surface dustings to sugrosic recrystallized texture; limonite and hematite also on most fractures; minor dots of epidote within k-sparic groundmass; disseminated but often oxidized magnetite; <1% bright green malachite on fractures and very locally replacing >25% of one chip (malachite in siliceous matrix of micro breccia within magnetitic volcanic clasts); fresh pyrite or chalcopyrite are not seen. Magnetite-silica rock tends toward PPg locally; PPg may also contain augite phenocrysts locally; where less silicified, feldspar-rich groundmass is sericitized +/- chloritic; ultra fine pyrite>chalcopyrite as disseminations; very subtle, in silicified, magnetitic groundmass - trace to >10% - overall quantity difficult to estimate as occurrences are so variable; trace pinpoints of malachite also. Yummy-looking rock! Transitional into: | 0.0 | 6.0 | 48748 | 0.207 | 0.151 | 1.06 | 4.23 | 5 | 1 | mal | tr | |
| | | | | 6.0 | 13.5 | 48749 | 0.200 | 0.140 | 0.30 | 5.08 | 3 | 3 | mal, tr | 1 | |
| | | | | 13.5 | 21.0 | 48750 | 0.229 | 0.098 | 0.31 | 5.20 | 3 | 3 | mal, tr | 5 | |
| | | | | 21.0 | 28.5 | 22126 | 0.117 | 0.065 | 0.25 | 4.38 | 3 | 3 | tr | 5 | |
| | | | | 28.5 | 36.0 | 22127 | 0.065 | 0.029 | 0.19 | 4.44 | 3 | 4 | tr | 1 | |
| | | | | 36.0 | 43.5 | 22128 | 0.117 | 0.026 | 0.23 | 5.88 | 3 | 4 | tr | 10 | |
| 26.0 | 43.5 | BX | Breccia; >90% light pink/orange monzonitic (mostly fine-grained) in with variable limonitic staining and <10% magnetite-silica PPg. Monzonite as excellent textures, moderate pervasive K-alteration with epidote spots, to equally k-sparic and epidotic; many with intense limonitic staining as above = possible contamination in a wet hole; minor disseminated magnetite; >10% fresh to locally oxidized pyrite in mm-scale clots - seems more related to alteration than to mineralization. PPg is as described above, but is less silicified and very slightly less visible sulfidic - pyrite >10% locally; only trace visible chalcopyrite. Still OK-looking interval. | | | | | | | | | | | | |



Mount Polley Mine

| | | | | | |
|-------------------|-----------|------------------|-----------|-------------------|--------------------|
| Zone | Southeast | Easting | 3730.3 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2194.4 | Logged By | V. Park |
| | | Elevation | 1058.6 | Comments | All wet |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|------------|------|---|---|---|---------|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 0.0 | 12.0 | BX | Breccia; >80% dark grey, very strongly magnetitic and silicified plagioclase porphyry intrusive with some augite phenocrysts too - strongly resembles augite porphyry dyke with <20% pinkish monzonitic material (clasts); ugly rock; wet from surface. PPg: feldspar-rich with strong chlorite and epidote locally - distinct green hue; good igneous textures; silicified; intensely magnetitic - fine disseminated crystals saturate groundmass - occasionally altered to hematite; very strong sericitization; many limonitic fractures; fine disseminated pyrite>chalcopyrite and malachite in mt-si; sulfides in fractures are usually at least partially oxidized; kinda yummy-looking. MZ: light to medium pink (potassic) with bright green sub-mm specks (epidote) and often crowded, occasionally clay altered plagioclase phenocrysts <1-2mm; fine disseminated magnetite crystals; biotite altered to limonite, sericite or chlorite; manganese oxide and limonite on some fractures; some fragments with >7% weakly oxidized to fresh disseminated anhedral pyrite clumps = alteration mineral?; no visible chalcopyrite. Arbitrary contact. | 0.0 | 6.0 | 22129 | 0.123 | 0.087 | 0.18 | 7.32 | 2 | | 4 | | | tr |
| | | | | 6.0 | 13.5 | 22130 | 0.169 | 0.100 | 0.15 | 8.73 | 1 | | 5 | mal, tr | tr | |
| | | | | 13.5 | 21.0 | 22131 | 0.094 | 0.036 | 0.13 | 5.68 | 1 | | 5 | | 3 | |
| | | | | 21.0 | 28.5 | 22132 | 0.063 | 0.026 | 0.08 | 4.26 | 2 | | 4 | tr | 2 | |
| | | | | 28.5 | 36.0 | 22133 | 0.028 | 0.012 | 0.07 | 3.08 | 2 | | 3 | | 7 | |
| | | | | 36.0 | 43.5 | 22134 | 0.030 | 0.012 | 0.06 | 3.20 | 2 | | 2 | | 7 | |
| 12.0 | 43.5 | BX | Breccia; >85% monzonitic intrusive with <15% magnetite-silica plagioclase porphyry (PPg); excellent igneous textures. MZ is white, pink-green, orange etc.; mostly equigranular with some phytic feldspar; alterations vary from moderate pervasive K-alteration, to k-spar and epidote, to unaltered; ubiquitous sericite; biotite often altered to dark orange limonite and is often apparently replaced with pyrite; disseminated magnetite; 2-7% yellow pyrite, oxidized in some fractures, between some grains and seeming more like alteration mineral; pyrite often either replaces former biotite or occurs in exactly the same way. PPg as 0.0 - 12.0 m; many oxidized surfaces and strong limonitic staining and chlorite and epidote; silicified and magnetitic; fine disseminated pyrite; very, very rare chalcopyrite. | | | | | | | | | | | | | |



Drillhole Report

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3731.1 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2182.9 | Logged By | V. Park |
| | | Elevation | 1058.3 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

Lithology

Assay Results

Alteration

| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
|------|------|------|--|------|------|--------|-------|--------|--------|------|---|---|---|----|----|
| 0.0 | 43.5 | BX | Breccia??; plagioclase porphyry (PPp); minor lithological changes locally, but not a distinct breccia as in P00-4* to west; excellent igneous textures; phyrlic texture is weak with white plagioclase crystals, occasionally clay-altered, <1-2mm; varying shades of pink and green; all wet. | 0.0 | 6.0 | 22135 | 0.104 | 0.075 | 0.15 | 5.00 | 3 | 2 | | | tr |
| | | | Limonic fractures with some pervasive staining to 15.0 m, rarely after. | 6.0 | 13.5 | 22136 | 0.108 | 0.072 | 0.12 | 4.40 | 3 | 2 | | | 1 |
| | | | Strong potassic (k-spar and biotite) and propylitic (epidote, chlorite and sericite) alteration, each pervasively affecting 50% rock, but also occurring together in some chips (usually k-spar with epidote speckles); epidote and chlorite are abundant in fractures; speckle manganese oxide in some fractures; ubiquitous sericite, especially where weathered near surface. | 13.5 | 21.0 | 22137 | 0.056 | 0.038 | 0.09 | 3.55 | 2 | 3 | | | 1 |
| | | | Weakly to moderately magnetitic - fine (<1/4mm) disseminated crystals (5%), occasionally oxidized. | 21.0 | 28.5 | 22138 | 0.052 | 0.033 | 0.10 | 3.31 | 3 | 3 | | | 1 |
| | | | <2% pyrite, disseminated crystals and clots <1mm; usually oxidized above 28.5 m, fresh and crystalline after; best seen in the bright pink and green chips with good plagioclase phenocrysts; pyrite seems more like an alteration mineral that one related to mineralization. | 28.5 | 36.0 | 22139 | 0.036 | 0.018 | 0.16 | 2.66 | 3 | 3 | | | 2 |
| | | | Note: assay results indicate weak mineralization to 13.5 m, as in adjacent holes = supports that this is a breccia. | 36.0 | 43.5 | 22140 | 0.028 | 0.015 | 0.06 | 2.38 | 3 | 3 | | | 2 |



| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3733.5 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2169.4 | Logged By | V. Park |
| | | Elevation | 1058.1 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| | | Lithology | | Assay Results | | | | | Alteration | | | | | | | |
|------|------|-----------|--|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py | |
| 0.0 | 43.5 | BX | Breccia; variable colours - dark grey, green, pink and orange; ugly, grungy-looking rock (NOT like P00-94 to north); mixture of pink+green, pink or green MZ/PPp and fine-grained, dark grey, weakly silicified and moderately magnetitic PPg with small subtle plagioclase crystals <1mm; all wet; oxidized and weathered-looking to end of hole. PPg: slightly dominant, >75%; strongly chloritic; weak silicification; epidote fractures; many weathered-looking sericitic surfaces and frequent surface oxidation with some pervasive staining; manganese oxide and magnetite in fractures; disseminated magnetite too; phyrlic texture improves down; fine disseminated pyrite - rare; no visible copper minerals. PPp: monzonitic; pale pink and green (k-spar and epidote) occur together in good textured plagioclase phyrlic (1-2mm) rock with abundant partially altered (sericite) biotite; minor disseminated magnetite; trace disseminated pyrite; <5% with intense limonitic staining, especially near bottom = down hole contamination?; no chalcopyrite. Note: definitely breccia, but assay results indicate only weak mineralization to 13.5 m and noise after. | 0.0 | 6.0 | 22141 | 0.176 | 0.125 | 0.18 | 7.08 | 1 | 4 | | | | tr |
| | | | | 6.0 | 13.5 | 22142 | 0.102 | 0.079 | 0.08 | 4.91 | 1 | 4 | | | tr | |
| | | | | 13.5 | 21.0 | 22143 | 0.086 | 0.061 | 0.06 | 4.79 | 2 | 4 | | | tr | |
| | | | | 21.0 | 28.5 | 22144 | 0.062 | 0.040 | 0.08 | 4.43 | 1 | 4 | | | tr | |
| | | | | 28.5 | 36.0 | 22145 | 0.096 | 0.042 | 0.11 | 4.85 | 2 | 4 | | | tr | |
| | | | | 36.0 | 43.5 | 22146 | 0.085 | 0.036 | 0.08 | 4.59 | 2 | 4 | | | tr | |



Drillhole Report

P00-96

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|-----------|
| Zone | Southeast | Easting | 3725.6 | Drilled By | Paramount |
| Length (m) | 28.5 | Northing | 2226.8 | Logged By | V. Park |
| | | Elevation | 1059.0 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|------------|------|---|---|----|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 28.5 | BX | Breccia; dominantly dark grey with pink, orange and green; mostly as breccia seen in drill core = pink monzonitic clasts within melanic, silicified and magnetitic plagioclase phyrlic (subtle crystals <1mm) matrix; monzonitic rock becomes increasingly abundant; all wet; organics to 13.5 m = down hole contamination. | 0.0 | 6.0 | 22147 | 0.198 | 0.142 | 0.37 | 5.68 | 1 | 4 | | | tr |
| | | | PPg: dark grey/green-grey; fine-grained chloritized, strongly magnetitic, silicified groundmass with subtle white plagioclase phenocrysts; fine crystalline disseminated magnetite; minor manganese oxide; strong sericite locally, especially near surface; occasional fractures with strong limonite and/or hematite, with some pervasive staining near surface; chloritic; minor localized K-alteration. | 6.0 | 13.5 | 22148 | 0.280 | 0.127 | 0.55 | 5.96 | 1 | 4 | 1 | | 2 |
| | | | Fine disseminated pyrite>>chalcopyrite in groundmass; fresh yellow pyrite in fractures; fine chalcopyrite with pyrite also as obvious sub-mm stringers/veinlets and in fractures; sulfides are invariably associated with magnetite and secondary quartz. | 13.5 | 21.0 | 22149 | 0.239 | 0.096 | 0.46 | 6.26 | 2 | 4 | 1 | | 2 |
| | | | PPp/MZ: light to medium pink; almost always with weak to moderate pervasive limonitic staining; significantly more abundant (>50%) from 13.5 m: weakly phyrlic; clay and sericite locally strong; pervasively potassic with minor epidote specks and ep-chl fractures; disseminated biotite is altered on rims; fine disseminated magnetite, occasional oxidized. | 21.0 | 28.5 | 22150 | 0.124 | 0.068 | 0.39 | 4.12 | 2 | 3 | tr | | tr |
| | | | Minor sulfides, as described for PPg. | | | | | | | | | | | | |
| | | | Note: melanic, magnetitic PPg matrix is dominant host for mineralization. | | | | | | | | | | | | |
| | | | Nice-looking hole! | | | | | | | | | | | | |



| | | | | | |
|-------------------|-----------|------------------|-----------|-------------------|--------------------|
| Zone | Southeast | Easting | 4025.4 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2208.8 | Logged By | V. Park |
| | | Elevation | 1016.8 | Comments | Wet from 6.0 m |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|-------|---|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 21.0 | PP | Monzonitic to dioritic plagioclase porphyry; very strongly weathered; strong pervasive limonitic staining and/or all limonitic surfaces with spotty manganese oxide; minor organic material; large angular fragments; very ugly rock; good phytic texture; wet from 6.0 m. Moderate to strong K-alteration, decreases; epidotic fractures and increasingly chloritic groundmass; oxidation dominates; abundant secondary biotite; very, very strong sericite associated with weathering and oxidation; weak and decreasing disseminated magnetite. No visible mineralization, although I suspect oxidized pyrite. Then suddenly; | 0.0 | 6.0 | 22151 | 0.083 | 0.049 | 0.08 | 2.68 | 3 | | 1 | | |
| | | | | 6.0 | 13.5 | 22152 | 0.035 | 0.021 | 0.06 | 2.06 | 3 | | 1 | | |
| | | | | 13.5 | 21.0 | 22153 | 0.079 | 0.010 | 0.07 | 2.09 | 1 | | 2 | | |
| | | | | 21.0 | 28.5 | 22154 | 0.229 | 0.007 | 0.14 | 5.25 | 0 | | 4 | 2 | 3 |
| | | | | 28.5 | 36.0 | 22155 | 0.320 | 0.010 | 0.11 | 5.54 | 1 | | 4 | 2 | 3 |
| | | | | 36.0 | 43.5 | 22156 | 0.172 | 0.008 | 0.09 | 5.12 | 2 | | 1 | 2 | 3 |
| 21.0 | 38.0 | FAULT | Fault?; almost no recovery of competent rock and definite clay after 28.5 m: remaining competent fragments are medium to dark grey, very strongly silicified and magnetitic, weak plagioclase porphyry (PPg) intrusive with abundant biotite and localized K-alteration but with a generally weak green hue. <5% chalcopyrite and pyrite - disseminated and stringy; >10% near end of interval; gorgeous! Then suddenly; | | | | | | | | | | | | |
| 38.0 | 43.5 | PP | Plagioclase porphyry, mostly monzonitic PPp, as 0.0 - 21.0 m; good recovery again; very strongly oxidized and ugly; not mineralized. | | | | | | | | | | | | |



Drillhole Report

| | | | | | |
|-------------------|-----------|------------------|------------|--------------------|----------------|
| Zone | Southeast | Easting | 4010.4 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2209.9 | Logged By | V. Park |
| | | Elevation | 1023.7 | Comments | Wet from 6.0 m |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 43.5 | BX | Breccia?; mostly dark orange with grey and green; organic fragments to end of hole, so strong possibility of down hole contamination in a wet hole; wet from 6.0 m. | 0.0 | 6.0 | 22157 | 0.102 | 0.031 | 0.08 | 5.83 | 1 | | 1 | | tr |
| | | | Composed of monzonite (MZ+PPp) and dioritic/monzodioritic intrusive (PPg); strong pervasive limonite and hematite staining in >60% chips to end of hole; unwashed sample was VERY green from 6.0 m: good textures improve; abundant biotite. | 6.0 | 13.5 | 22158 | 0.084 | 0.020 | 0.08 | 5.08 | 2 | | 1 | | tr |
| | | | Oxidation dominates; strong competition between propylitic and potassic alterations; the most strongly potassic fragments usually show the strongest orange/red staining; epidotization is definitely increasing to end of hole; rare milky quartz veinlets <1-2mm. | 13.5 | 21.0 | 22159 | 0.044 | 0.010 | 0.38 | 3.75 | 2 | | 1 | | tr |
| | | | Weakly to moderately magnetitic; increasing.. | 21.0 | 28.5 | 22160 | 0.081 | 0.013 | 0.35 | 4.07 | 2 | | 2 | tr | 1 |
| | | | Trace to 2% pyrite, disseminated within groundmass, seems more related to alteration - most evident in the freshest, most epidotic fragments; strongly oxidized to 28.5 m, usually fresh after. | 28.5 | 36.0 | 22161 | 0.041 | 0.007 | 0.15 | 2.88 | 2 | | 2 | | 1 |
| | | | 0.0 - 6.0 m: overburden?; large silt-coated fragments. | 36.0 | 43.5 | 22162 | 0.036 | 0.006 | 0.13 | 3.40 | 2 | | 3 | | 2 |
| | | | 13.5 - 21.0 m: decreased larger fragments. | | | | | | | | | | | | |
| | | | 36.0 - 43.5 m: two big chunks of tree trunk. | | | | | | | | | | | | |
| | | | ZZZZZ. | | | | | | | | | | | | |



Drillhole Report

P00-99

| | | | | | |
|------------|-----------|-----------|--------|-------------|-----------|
| Zone | Southeast | Easting | 3995.8 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2210.0 | Logged By | V. Park |
| | | Elevation | 1018.4 | Comments | All wet |
| | | Depth Az | Dip | Survey Type | |
| | | 0.0 0 | -90 | Head Set | |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|---|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 43.5 | BX | Breccia?; much as P00-98; dominantly dark orange and dark grey; mixture of very strongly limonite-stained, K-altered monzonitic Pp and greyish Pp; good textures in all; very ugly overall; all wet. | 0.0 | 6.0 | 22163 | 0.059 | 0.015 | 0.14 | 4.83 | 2 | | 1 | tr | 5 |
| | | | PPp/MZ: dark orange due to pervasive staining; all surfaces with stronger limonite and hematite; weakly potassic; mostly equigranular but with some strongly phytic plagioclase locally; some chips with intense clay alteration; strongly sericitic; ubiquitous epidote fractures and increasingly propylitic (mostly epidote) to end of hole; extremely ugly rock!; trace to <5% disseminated pyrite, best seen in unoxidized green-pink rock after 28.5 m. | 6.0 | 13.5 | 22164 | 0.053 | 0.010 | 0.06 | 5.07 | 2 | | 3 | | 5 |
| | | | PPg: very fine-grained greenish/greyish magnetitic and silicified groundmass with obvious whitish plagioclase crystals <1-3mm, more rounded than lath-like; distinctly different from orange/pink rock; >5%, but decreasing fine disseminated pyrite with very, very rare chalcopyrite; decreasingly magnetitic; propylitic. | 13.5 | 21.0 | 22165 | 0.050 | 0.009 | 0.08 | 5.18 | 1 | | 4 | | 3 |
| | | | Note: this amount of sulfide in this occurrences makes me surprised that the assay results were so disappointing. | 21.0 | 28.5 | 22166 | 0.054 | 0.006 | 0.07 | 5.42 | 1 | | 4 | | 3 |
| | | | | 28.5 | 36.0 | 22167 | 0.026 | 0.005 | 0.17 | 4.00 | 2 | | 2 | | 2 |
| | | | | 36.0 | 43.5 | 22168 | 0.031 | 0.006 | 0.07 | 3.96 | 1 | | 1 | | tr |



Drillhole Report

P00-100

| | | | | | |
|------------|-----------|-----------|--------|------------|-----------------|
| Zone | Southeast | Easting | 3978.5 | Drilled By | Paramount |
| Length (m) | 43.5 | Northing | 2211.5 | Logged By | V. Park |
| | | Elevation | 1023.5 | Comments | Wet from 21.0 m |
| | | Depth | Az | Dip | Survey Type |
| | | 0.0 | 0 | -90 | Head Set |

| Lithology | | | | Assay Results | | | | | Alteration | | | | | | |
|-----------|------|------|--|---------------|------|--------|-------|--------|------------|------|---|---|---|----|----|
| From | To | LITH | Description | From | To | Tag ID | TCu % | CuNS % | Au gpt | Fe % | K | A | M | cp | py |
| 0.0 | 43.5 | BX | Breccia?; as described in P00-99; mixture of dark orange K-altered monzonitic rock with <25% greyish PPg; one hematitic volcanic chip; organic material and intense oxidation to end of hole; wet from 21.0 m. | 0.0 | 6.0 | 22169 | 0.028 | 0.007 | 0.06 | 3.83 | 2 | | | | tr |
| | | | MZ/PPp: moderately K-altered; very strong pervasive limonite/hematite staining; mostly equigranular but with some phytic plagioclase; good textures; strong clay and sericite locally; increased epidote; minor disseminated, oxidized pyrite - >1% in fresh, green epidotic rock. | 6.0 | 13.5 | 22170 | 0.013 | 0.001 | 0.01 | 6.75 | 1 | | | | 5 |
| | | | PPg: excellent textures; magnetitic and silicified, decreasing; <5% pyrite in fractures and disseminated; no visible chalcopyrite. | 13.5 | 21.0 | 22171 | 0.021 | 0.001 | 0.04 | 3.94 | 1 | | | | 1 |
| | | | 0.0 - 21.0 m: poor recovery. | 21.0 | 28.5 | 22172 | 0.017 | 0.002 | 0.05 | 3.20 | 3 | | | | 1 |
| | | | 0.0 - 6.0 m: mostly Pp/MZ | 28.5 | 36.0 | 22173 | 0.108 | 0.004 | 0.08 | 4.27 | 3 | | | | tr |
| | | | 6.0 - 21.0 m: mostly pyritic PPg. | 36.0 | 43.5 | 22174 | 0.101 | 0.003 | 0.07 | 4.40 | 1 | | | | 5 |
| | | | 36.0 - 43.5 m: poor recovery; occasional rounded quartz pebbles = down hole contamination? Blech. | | | | | | | | | | | | |

ASSAY CERTIFICATES

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68003 | 0.033 | 0.016 | 0.03 | 5.44 | 000809A | 1 | |
| 68004 | 0.042 | 0.01 | 0.04 | 5.24 | 000809A | 2 | |
| 68005 | 0.042 | 0.006 | 0.04 | 5.14 | 000809A | 3 | |
| 68006 | 0.066 | 0.01 | 0.05 | 5.52 | 000809A | 4 | |
| 68007 | 0.078 | 0.009 | 0.07 | 5.52 | 000809A | 5 | |
| 68008 | 0.072 | 0.011 | 0.05 | 5.4 | 000809A | 6 | |
| 68009 | 0.064 | 0.025 | 0.06 | 5.76 | 000809A | 7 | |
| 68010 | 0.059 | 0.024 | 0.07 | 5.52 | 000809A | 8 | |
| 68011 | 0.057 | 0.022 | 0.11 | 5.18 | 000809A | 9 | |
| 68012 | 0.099 | 0.059 | 0.07 | 4.24 | 000809A | 10 | |
| 68013 | 0.076 | 0.03 | 0.06 | 3.79 | 000809A | 11 | |
| 68014 | 0.087 | 0.021 | 0.08 | 3.85 | 000809A | 12 | |
| 68015 | 0.137 | 0.016 | 0.15 | 4.58 | 000809A | 13 | |
| 68016 | 0.137 | 0.011 | 0.15 | 4.54 | 000809A | 14 | |
| 68017 | 0.135 | 0.018 | 0.15 | 4.65 | 000809A | 15 | |
| 68018 | 0.059 | 0.028 | 0.31 | 3.1 | 000809A | 16 | |
| 68019 | 0.044 | 0.023 | 0.31 | 3.62 | 000809A | 17 | |
| 68020 | 0.069 | 0.021 | 0.37 | 3.73 | 000809A | 18 | |
| 68021 | 0.049 | 0.018 | 0.27 | 3.21 | 000809A | 19 | |
| 68023 | 0.053 | 0.024 | 0.17 | 2.53 | 000809A | 20 | |
| 68024 | 0.054 | 0.031 | 0.21 | 1.8 | 000809A | 21 | |
| 68025 | 0.095 | 0.039 | 0.33 | 2.62 | 000809A | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68026 | 0.073 | 0.023 | 0.23 | 2.92 | 000810A | 1 | |
| 68027 | 0.024 | 0.007 | 0.08 | 2.77 | 000810A | 2 | |
| 68028 | 0.028 | 0.006 | 0.07 | 2.72 | 000810A | 3 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|--------------|
| 68029 | 0.021 | 0.009 | 0.07 | 2.13 | 000816c | | 1 TEST HOLES |
| 68030 | 0.024 | 0.009 | 0.06 | 2.12 | 000816c | | 2 |
| 68031 | 0.019 | 0.005 | 0.03 | 1.96 | 000816c | | 3 |
| 68032 | 0.013 | 0.001 | 0.02 | 1.91 | 000816c | | 4 |
| 68033 | 0.012 | 0.002 | 0.02 | 1.92 | 000816c | | 5 |
| 68034 | 0.011 | 0.002 | 0.02 | 2.39 | 000816c | | 6 |
| 68035 | 0.025 | 0.008 | 0.02 | 2.3 | 000816c | | 7 |
| 68036 | 0.021 | 0.008 | 0.02 | 2.24 | 000816c | | 8 |
| 68037 | 0.011 | 0.004 | 0.02 | 2.37 | 000816c | | 9 |
| 68038 | 0.013 | 0.002 | 0.02 | 2.49 | 000816c | | 10 |
| 68039 | 0.022 | 0.004 | 0.03 | 2.43 | 000816c | | 11 |
| 68040 | 0.02 | 0.002 | 0.03 | 3.57 | 000816c | | 12 |
| 68041 | 0.271 | 0.144 | 0.74 | 6.56 | 000816c | | 13 |
| 68042 | 0.432 | 0.173 | 0.63 | 6.17 | 000816c | | 14 |
| 68043 | 0.282 | 0.071 | 0.63 | 6.23 | 000816c | | 15 |
| 68044 | 0.237 | 0.061 | 0.43 | 6.14 | 000816c | | 16 |
| 68045 | 0.238 | 0.042 | 0.32 | 6.73 | 000816c | | 17 |
| 68046 | 0.231 | 0.038 | 0.35 | 5.91 | 000816c | | 18 |
| 68047 | 0.22 | 0.117 | 0.26 | 4.08 | 000816c | | 19 |
| 68048 | 0.215 | 0.12 | 0.35 | 4.67 | 000816c | | 20 |
| 68049 | 0.231 | 0.122 | 0.42 | 4.76 | 000816c | | 21 |
| 68050 | 0.032 | 0.019 | 0.01 | 2.3 | 000816c | | 22 |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|------------------|
| 68051 | 0.041 | 0.031 | 0.04 | 2.57 | 000817D | 1 | TEST HOLES |
| 68052 | 0.094 | 0.076 | 0.07 | 2.91 | 000817D | 2 | |
| 68053 | 0.071 | 0.032 | 0.06 | 2.93 | 000817D | 3 | |
| 68054 | 0.148 | 0.027 | 0.25 | 4.65 | 000817D | 4 | |
| 68055 | 0.146 | 0.024 | 0.21 | 4.3 | 000817D | 5 | |
| 68056 | 0.324 | 0.226 | 0.71 | 6.17 | 000817D | 6 | |
| 68057 | 0.327 | 0.186 | 1.74 | 4.26 | 000817D | 7 | |
| 68058 | 0.304 | 0.062 | 0.71 | 5.4 | 000817D | 8 | |
| 68059 | 0.278 | 0.019 | 0.53 | 5.46 | 000817D | 9 | |
| 68060 | 0.164 | 0.046 | 0.39 | 5.13 | 000817D | 10 | |
| 68061 | 0.121 | 0.005 | 0.16 | 3.67 | 000817D | 11 | |
| 68062 | 0.233 | 0.137 | 0.43 | 5.74 | 000817D | 12 | |
| 68063 | 0.119 | 0.072 | 0.21 | 4.29 | 000817D | 13 | |
| 68064 | 0.14 | 0.069 | 0.21 | 5.17 | 000817D | 14 | |
| 68065 | 0.139 | 0.055 | 0.19 | 4.62 | 000817D | 15 | |
| 68066 | 0.097 | 0.05 | 0.22 | 4.12 | 000817D | 16 | |
| 68067 | 0.119 | 0.057 | 0.23 | 4.47 | 000817D | 17 | TAG DESTROYED, O |
| 68068 | 0.097 | 0.042 | 2.58 | 6.89 | 000817D | 18 | |
| 68069 | 0.044 | 0.017 | 0.1 | 4.64 | 000817D | 19 | |
| 68070 | 0.058 | 0.012 | 0.07 | 3.88 | 000817D | 20 | |
| 68071 | 0.061 | 0.006 | 0.16 | 5.09 | 000817D | 21 | |
| 68072 | 0.064 | 0.007 | 0.15 | 3.91 | 000817D | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|------------|
| 68073 | 0.052 | 0.009 | 0.12 | 4.07 | 000817e | 1 | TEST HOLES |
| 68074 | 0.03 | 0.011 | 0.1 | 3.24 | 000817e | 2 | |
| 68075 | 0.052 | 0.019 | 0.15 | 4.28 | 000817e | 3 | |
| 68076 | 0.04 | 0.014 | 0.13 | 3.3 | 000817e | 4 | |
| 68077 | 0.048 | 0.009 | 0.12 | 3.35 | 000817e | 5 | |
| 68078 | 0.044 | 0.008 | 0.12 | 3.41 | 000817e | 6 | |
| 68079 | 0.037 | 0.005 | 0.06 | 4.09 | 000817e | 7 | |
| 68080 | 0.019 | 0.004 | 0.07 | 3.76 | 000817e | 8 | |
| 68081 | 0.002 | 0.001 | 0.01 | 2.66 | 000817e | 9 | |
| 68082 | 0.002 | 0.001 | 0.01 | 2.5 | 000817e | 10 | |
| 68083 | 0.002 | 0.001 | 0.01 | 2.56 | 000817e | 11 | |
| 68084 | 0.006 | 0.002 | 0.02 | 2.87 | 000817e | 12 | |
| 68085 | 0.014 | 0.002 | 0.06 | 3.15 | 000817e | 13 | |
| 68086 | 0.002 | 0.001 | 0.01 | 2.4 | 000817e | 14 | |
| 68087 | 0.002 | 0.001 | 0.01 | 2.06 | 000817e | 15 | |
| 68088 | 0.003 | 0.002 | 0.01 | 2.59 | 000817e | 16 | |
| 68089 | 0.005 | 0.002 | 0.01 | 2.52 | 000817e | 17 | |
| 68090 | 0.003 | 0.002 | 0.01 | 2.51 | 000817e | 18 | |
| 68091 | 0.002 | 0.001 | 0.01 | 2.45 | 000817e | 19 | |
| 68092 | 0.088 | 0.038 | 0.32 | 4.78 | 000817e | 20 | |
| 68093 | 0.1 | 0.03 | 0.41 | 4.1 | 000817e | 21 | |
| 68094 | 0.1 | 0.015 | 0.43 | 3.93 | 000817e | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68095 | 0.057 | 0.009 | 0.16 | 3.91 | 000817f | 1 | |
| 68096 | 0.036 | 0.017 | 0.06 | 2.76 | 000817f | 2 | |
| 68097 | 0.044 | 0.022 | 0.2 | 3.47 | 000817f | 3 | |
| 68098 | 0.034 | 0.017 | 0.07 | 3.51 | 000817f | 4 | |
| 68099 | 0.03 | 0.012 | 0.06 | 3.41 | 000817f | 5 | |
| 68100 | 0.05 | 0.008 | 0.09 | 4.32 | 000817f | 6 | |
| 68101 | 0.049 | 0.008 | 0.06 | 4.63 | 000817f | 7 | |
| 68102 | 0.013 | 0.005 | 0.03 | 2.84 | 000817f | 8 | |
| 68103 | 0.021 | 0.008 | 0.1 | 3.42 | 000817f | 9 | |
| 68104 | 0.02 | 0.007 | 0.07 | 2.86 | 000817f | 10 | |
| 68105 | 0.014 | 0.007 | 0.05 | 2.79 | 000817f | 11 | |
| 68106 | 0.01 | 0.006 | 0.02 | 2.62 | 000817f | 12 | |
| 68107 | 0.014 | 0.006 | 0.04 | 3.57 | 000817f | 13 | |
| 68108 | 0.025 | 0.003 | 0.03 | 4.9 | 000817f | 14 | |
| 68109 | 0.031 | 0.002 | 0.07 | 4.91 | 000817f | 15 | |
| 68110 | 0.045 | 0.002 | 0.08 | 6.04 | 000817f | 16 | |
| 68111 | 0.031 | 0.002 | 0.06 | 4.6 | 000817f | 17 | |
| 68112 | 0.021 | 0.012 | 0.05 | 5.01 | 000817f | 18 | |
| 68113 | 0.016 | 0.01 | 0.05 | 3.47 | 000817f | 19 | |
| 68114 | 0.004 | 0.003 | 0.08 | 2.69 | 000817f | 20 | |
| 68115 | 0.004 | 0.002 | 0.05 | 2.61 | 000817f | 21 | |
| 68116 | 0.01 | 0.002 | 0.04 | 3.37 | 000817f | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68117 | 0.02 | 0.001 | 0.05 | 3.85 | 000817g | | 1 |
| 68118 | 0.008 | 0.003 | 0.03 | 3.72 | 000817g | | 2 |
| 68119 | 0.011 | 0.007 | 0.03 | 3.01 | 000817g | | 3 |
| 68120 | 0.007 | 0.001 | 0.06 | 2.82 | 000817g | | 4 |
| 68121 | 0.011 | 0.001 | 0.05 | 2.66 | 000817g | | 5 |
| 68122 | 0.03 | 0.002 | 0.07 | 4.26 | 000817g | | 6 |
| 68123 | 0.02 | 0.002 | 0.06 | 4.22 | 000817g | | 7 |
| 68124 | 0.015 | 0.005 | 0.03 | 3.02 | 000817g | | 8 |
| 68125 | 0.147 | 0.03 | 0.34 | 6.14 | 000817g | | 9 |
| 68126 | 0.039 | 0.005 | 0.05 | 5.03 | 000817g | | 10 |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|------------|
| 68127 | 0.037 | 0.006 | 0.07 | 5.25 | 000826e | 1 | TEST HOLES |
| 68128 | 0.027 | 0.001 | 0.03 | 5.81 | 000826e | 2 | |
| 68129 | 0.04 | 0.002 | 0.04 | 4.73 | 000826e | 3 | |
| 68130 | 0.081 | 0.028 | 0.19 | 7.27 | 000826e | 4 | |
| 68131 | 0.08 | 0.026 | 0.18 | 5.55 | 000826e | 5 | |
| 68132 | 0.065 | 0.011 | 0.15 | 6.66 | 000826e | 6 | |
| 68133 | 0.045 | 0.011 | 0.1 | 6.01 | 000826e | 7 | |
| 68134 | 0.03 | 0.006 | 0.07 | 5.12 | 000826e | 8 | |
| 68135 | 0.033 | 0.006 | 0.08 | 4.14 | 000826e | 9 | |
| 68136 | 0.021 | 0.006 | 0.08 | 4.43 | 000826e | 10 | |
| 68137 | 0.01 | 0.002 | 0.05 | 2.9 | 000826e | 11 | |
| 68138 | 0.018 | 0.001 | 0.06 | 4.82 | 000826e | 12 | |
| 68139 | 0.025 | 0.002 | 0.06 | 5.26 | 000826e | 13 | |
| 68140 | 0.05 | 0.002 | 0.17 | 5.44 | 000826e | 14 | |
| 68141 | 0.058 | 0.004 | 0.14 | 5.72 | 000826e | 15 | |
| 68142 | 0.025 | 0.011 | 0.09 | 3.04 | 000826e | 16 | |
| 68143 | 0.018 | 0.008 | 0.1 | 2.47 | 000826e | 17 | |
| 68144 | 0.024 | 0.01 | 0.06 | 2.53 | 000826e | 18 | |
| 68145 | 0.03 | 0.009 | 0.08 | 2.6 | 000826e | 19 | |
| 68146 | 0.023 | 0.006 | 0.08 | 2.63 | 000826e | 20 | |
| 68147 | 0.031 | 0.004 | 0.1 | 2.6 | 000826e | 21 | |
| 68148 | 0.027 | 0.011 | 0.07 | 2.95 | 000826e | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|------------|
| 68149 | 0.019 | 0.006 | 0.08 | 3.33 | 000826f | 1 | TEST HOLES |
| 68150 | 0.017 | 0.002 | 0 | 3.74 | 000826f | 2 | |
| 68151 | 0.012 | 0.002 | 0.06 | 3.15 | 000826f | 3 | |
| 68152 | 0.007 | 0.001 | 0.04 | 2.73 | 000826f | 4 | |
| 68153 | 0.014 | 0.002 | 0.07 | 2.89 | 000826f | 5 | |
| 68154 | 0.025 | 0.012 | 0.09 | 2.69 | 000826f | 6 | |
| 68155 | 0.029 | 0.013 | 0.06 | 3.72 | 000826f | 7 | |
| 68156 | 0.05 | 0.02 | 0.14 | 3.3 | 000826f | 8 | |
| 68157 | 0.06 | 0.011 | 0.16 | 2.93 | 000826f | 9 | |
| 68158 | 0.031 | 0.005 | 0.13 | 2.82 | 000826f | 10 | |
| 68159 | 0.02 | 0.004 | 0.08 | 3.13 | 000826f | 11 | |
| 68160 | 0.014 | 0.007 | 0.02 | 2.71 | 000826f | 12 | |
| 68161 | 0.016 | 0.005 | 0.02 | 2.76 | 000826f | 13 | |
| 68162 | 0.011 | 0.003 | 0.02 | 2.7 | 000826f | 14 | |
| 68163 | 0.009 | 0.003 | 0.01 | 2.67 | 000826f | 15 | |
| 68164 | 0.009 | 0.002 | 0.03 | 3.03 | 000826f | 16 | |
| 68165 | 0.012 | 0.001 | 0.02 | 2.82 | 000826f | 17 | |
| 68166 | 0.094 | 0.052 | 0.22 | 5.95 | 000826f | 18 | |
| 68167 | 0.11 | 0.069 | 0.22 | 5.83 | 000826f | 19 | |
| 68168 | 0.199 | 0.039 | 0.29 | 6.06 | 000826f | 20 | |
| 68169 | 0.131 | 0.027 | 0.21 | 5.99 | 000826f | 21 | |
| 68170 | 0.107 | 0.025 | 0.26 | 4.89 | 000826f | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68171 | 0.057 | 0.014 | 0.12 | 3.89 | 000827b | 1 | |
| 68172 | 0.239 | 0.168 | 0.49 | 6.41 | 000827b | 2 | |
| 68173 | 0.24 | 0.143 | 0.44 | 6.26 | 000827b | 3 | |
| 68174 | 0.302 | 0.095 | 0.45 | 6.25 | 000827b | 4 | |
| 68175 | 0.235 | 0.074 | 0.33 | 6.2 | 000827b | 5 | |
| 68176 | 0.035 | 0.016 | 0.08 | 2.43 | 000827b | 6 | |
| 68177 | 0.042 | 0.018 | 0.31 | 2.31 | 000827b | 7 | |
| 68178 | 0.04 | 0.014 | 0.33 | 2.51 | 000827b | 8 | |
| 68179 | 0.017 | 0.004 | 0.07 | 2.51 | 000827b | 9 | |
| 68180 | 0.021 | 0.006 | 0.09 | 2.82 | 000827b | 10 | |
| 68181 | 0.015 | 0.005 | 0.1 | 2.77 | 000827b | 11 | |
| 71576 | 0.21 | 0.043 | 0.31 | 5.25 | 000827b | 12 | |
| 71577 | 0.25 | 0.036 | 0.44 | 5.52 | 000827b | 13 | |
| 71578 | 0.252 | 0.166 | 0.14 | 3.46 | 000827b | 14 | |
| 71579 | 0.348 | 0.129 | 0.7 | 7.94 | 000827b | 15 | |
| 71580 | 0.28 | 0.028 | 0.39 | 7.78 | 000827b | 16 | |
| 71581 | 0.176 | 0.01 | 0.39 | 5.99 | 000827b | 17 | |
| 71582 | 0.124 | 0.005 | 0.23 | 5.07 | 000827b | 18 | |
| 71583 | 0.162 | 0.026 | 0.3 | 5.34 | 000827b | 19 | |
| 71584 | 0.241 | 0.157 | 0.37 | 5.28 | 000827b | 20 | |
| 71585 | 0.188 | 0.127 | 0.28 | 4.08 | 000827b | 21 | |
| 71586 | 0.193 | 0.128 | 0.27 | 4.35 | 000827b | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 71587 | 0.152 | 0.083 | 0.27 | 4.3 | 000827c | 1 | |
| 71588 | 0.131 | 0.066 | 0.41 | 4.03 | 000827c | 2 | |
| 71589 | 0.052 | 0.028 | 0.05 | 2.35 | 000827c | 3 | |
| 71590 | 0.024 | 0.014 | 0.19 | 2.04 | 000827c | 4 | |
| 71591 | 0.014 | 0.007 | 0.04 | 1.91 | 000827c | 5 | |
| 71592 | 0.018 | 0.006 | 0.03 | 1.78 | 000827c | 6 | |
| 71593 | 0.016 | 0.005 | 0.05 | 1.78 | 000827c | 7 | |
| 71594 | 0.018 | 0.007 | 0.01 | 1.98 | 000827c | 8 | |
| 71595 | 0.109 | 0.06 | 0.06 | 4.44 | 000827c | 9 | |
| 71596 | 0.03 | 0.011 | 0.06 | 3.1 | 000827c | 10 | |
| 71597 | 0.058 | 0.01 | 0.81 | 3.37 | 000827c | 11 | |
| 71598 | 0.015 | 0.001 | 0.06 | 3.7 | 000827c | 12 | |
| 71599 | 0.013 | 0.002 | 0.04 | 3.45 | 000827c | 13 | |
| 71600 | 0.026 | 0.004 | 0.1 | 3.4 | 000827c | 14 | |

QueryExport

| Tag . | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|------------|
| 68182 | 0.092 | 0.051 | 0.19 | 3.33 | 000901G | 1 | TEST HOLES |
| 68183 | 0.049 | 0.024 | 0.08 | 2.99 | 000901G | 2 | |
| 68184 | 0.072 | 0.041 | 0.08 | 4.04 | 000901G | 3 | |
| 68185 | 0.073 | 0.047 | 0.06 | 3.15 | 000901G | 4 | |
| 68186 | 0.093 | 0.063 | 0.08 | 3.39 | 000901G | 5 | |
| 68187 | 0.101 | 0.047 | 0.12 | 2.98 | 000901G | 6 | |
| 68188 | 0.15 | 0.091 | 0.05 | 2.88 | 000901G | 7 | |
| 68189 | 0.058 | 0.033 | 0.02 | 2.22 | 000901G | 8 | |
| 68190 | 0.057 | 0.031 | 0.04 | 2.79 | 000901G | 9 | |
| 68191 | 0.047 | 0.022 | 0.04 | 2.72 | 000901G | 10 | |
| 68192 | 0.043 | 0.021 | 0.05 | 2.56 | 000901G | 11 | |
| 68193 | 0.122 | 0.048 | 0.12 | 2.73 | 000901G | 12 | |
| 68194 | 0.216 | 0.14 | 0.39 | 6.3 | 000901G | 13 | |
| 68195 | 0.184 | 0.117 | 0.39 | 7.36 | 000901G | 14 | |
| 68196 | 0.174 | 0.06 | 0.31 | 7.31 | 000901G | 15 | |
| 68197 | 0.184 | 0.041 | 0.43 | 6.78 | 000901G | 16 | |
| 68198 | 0.169 | 0.04 | 1.02 | 7.32 | 000901G | 17 | |
| 68199 | 0.111 | 0.068 | 0.35 | 5.76 | 000901G | 18 | |
| 68200 | 0.284 | 0.171 | 0.83 | 8.52 | 000901G | 19 | |
| 68201 | 0.262 | 0.144 | 0.5 | 8.03 | 000901G | 20 | |
| 68202 | 0.149 | 0.067 | 0.27 | 7.24 | 000901G | 21 | |
| 68203 | 0.159 | 0.041 | 0.25 | 7.59 | 000901G | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|-------------|
| 68204 | 0.211 | 0.03 | 0.48 | 6.55 | 000903d | | 1 Test Hole |
| 68205 | 0.147 | 0.015 | 0.98 | 4.65 | 000903d | | 2 |
| 68206 | 0.348 | 0.227 | 0.57 | 7.97 | 000903d | | 3 |
| 68207 | 0.218 | 0.126 | 0.37 | 6.53 | 000903d | | 4 |
| 68208 | 0.197 | 0.117 | 0.3 | 6.7 | 000903d | | 5 |
| 68209 | 0.183 | 0.082 | 0.28 | 6.04 | 000903d | | 6 |
| 68210 | 0.134 | 0.057 | 0.2 | 5.31 | 000903d | | 7 |
| 68211 | 0.071 | 0.034 | 0.13 | 4.26 | 000903d | | 8 |
| 68212 | 0.122 | 0.019 | 0.14 | 5.37 | 000903d | | 9 |
| 68213 | 0.14 | 0.085 | 0.22 | 5.77 | 000903d | | 10 |
| 68214 | 0.113 | 0.046 | 0.13 | 5.09 | 000903d | | 11 |
| 68215 | 0.033 | 0.015 | 0.04 | 3.5 | 000903d | | 12 |
| 68216 | 0.024 | 0.013 | 0.1 | 3.07 | 000903d | | 13 |
| 68217 | 0.021 | 0.007 | 0.05 | 2.49 | 000903d | | 14 |
| 68218 | 0.078 | 0.044 | 0.06 | 3.06 | 000903d | | 15 |
| 68219 | 0.178 | 0.089 | 0.2 | 6.49 | 000903d | | 16 |
| 68220 | 0.093 | 0.041 | 0.12 | 4.22 | 000903d | | 17 |
| 68221 | 0.099 | 0.026 | 0.12 | 4.79 | 000903d | | 18 |
| 68222 | 0.107 | 0.016 | 0.14 | 4.94 | 000903d | | 19 |
| 68223 | 0.055 | 0.013 | 0.08 | 3.83 | 000903d | | 20 |
| 68224 | 0.164 | 0.077 | 0.18 | 5.76 | 000903d | | 21 |
| 68225 | 0.116 | 0.047 | 0.12 | 5.13 | 000903d | | 22 |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|------------|
| 68226 | 0.08 | 0.041 | 0.09 | 4.33 | 000904d | 1 | test holes |
| 68227 | 0.082 | 0.029 | 0.1 | 4.35 | 000904d | 2 | |
| 68228 | 0.124 | 0.022 | 0.1 | 4.9 | 000904d | 3 | |
| 68229 | 0.11 | 0.018 | 0.09 | 5.27 | 000904d | 4 | |
| 68230 | 0.212 | 0.136 | 0.33 | 6.51 | 000904d | 5 | |
| 68231 | 0.23 | 0.104 | 0.41 | 6.42 | 000904d | 6 | |
| 68232 | 0.202 | 0.075 | 0.3 | 6.08 | 000904d | 7 | |
| 68233 | 0.128 | 0.045 | 0.19 | 6.18 | 000904d | 8 | |
| 68234 | 0.097 | 0.032 | 0.22 | 4.67 | 000904d | 9 | |
| 68235 | 0.175 | 0.097 | 0.26 | 7.31 | 000904d | 10 | |
| 68236 | 0.186 | 0.087 | 0.26 | 6.55 | 000904d | 11 | |
| 68237 | 0.129 | 0.052 | 0.18 | 5.74 | 000904d | 12 | |
| 68238 | 0.103 | 0.028 | 0.15 | 5.39 | 000904d | 13 | |
| 68239 | 0.086 | 0.018 | 0.2 | 4.67 | 000904d | 14 | |
| 68240 | 0.066 | 0.013 | 0.23 | 3.98 | 000904d | 15 | |
| 68241 | 0.064 | 0.028 | 0.13 | 6.06 | 000904d | 16 | |
| 68242 | 0.055 | 0.026 | 0.32 | 4.65 | 000904d | 17 | |
| 68243 | 0.064 | 0.026 | 0.31 | 4.73 | 000904d | 18 | |
| 68244 | 0.058 | 0.02 | 0.15 | 4.97 | 000904d | 19 | |
| 68245 | 0.07 | 0.011 | 0.12 | 5.3 | 000904d | 20 | |
| 68246 | 0.067 | 0.012 | 0.12 | 5.63 | 000904d | 21 | |
| 68247 | 0.01 | 0.004 | 0.04 | 2.38 | 000904d | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68248 | 0.032 | 0.009 | 0.15 | 3.69 | 000905c | 1 | |
| 68249 | 0.101 | 0.014 | 0.29 | 2.77 | 000905c | 2 | |
| 68250 | 0.052 | 0.007 | 0.49 | 3.42 | 000905c | 3 | |
| 68251 | 0.018 | 0.001 | 0.4 | 2.72 | 000905c | 4 | |
| 68252 | 0.016 | 0.001 | 0.14 | 2.34 | 000905c | 5 | |
| 68253 | 0.009 | 0.002 | 0.11 | 2.91 | 000905c | 6 | |
| 68254 | 0.019 | 0.002 | 0.12 | 2.55 | 000905c | 7 | |
| 68255 | 0.005 | 0.001 | 0.1 | 3.75 | 000905c | 8 | |
| 68256 | 0.012 | 0.001 | 0.1 | 3.8 | 000905c | 9 | |
| 68257 | 0.008 | 0.001 | 0.12 | 2.59 | 000905c | 10 | |
| 68258 | 0.012 | 0.001 | 0.1 | 2.5 | 000905c | 11 | |
| 68259 | 0.017 | 0.007 | 0.1 | 2.79 | 000905c | 12 | |
| 68260 | 0.016 | 0.006 | 0.1 | 3.11 | 000905c | 13 | |
| 68261 | 0.019 | 0.006 | 0.11 | 2.82 | 000905c | 14 | |
| 68262 | 0.022 | 0.004 | 0.09 | 2.57 | 000905c | 15 | |
| 68263 | 0.016 | 0.001 | 0.1 | 2.38 | 000905c | 16 | |
| 68264 | 0.057 | 0.008 | 0.15 | 2.7 | 000905c | 17 | |
| 68265 | 0.019 | 0.008 | 0.09 | 1.35 | 000905c | 18 | |
| 68266 | 0.017 | 0.007 | 0.09 | 1.64 | 000905c | 19 | |
| 68267 | 0.029 | 0.01 | 0.09 | 1.2 | 000905c | 20 | |
| 68268 | 0.026 | 0.006 | 0.09 | 1.51 | 000905c | 21 | |
| 68269 | 0.027 | 0.005 | 0.09 | 2.06 | 000905c | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68270 | 0.054 | 0.002 | 0.06 | 2.09 | 000907a | | 1 |
| 68271 | 0.026 | 0.012 | 0.01 | 1.95 | 000907a | | 2 |
| 68272 | 0.063 | 0.041 | 0.1 | 2.91 | 000907a | | 3 |
| 68273 | 0.029 | 0.014 | 0.01 | 3.38 | 000907a | | 4 |
| 68274 | 0.035 | 0.013 | 0.05 | 3.09 | 000907a | | 5 |
| 68275 | 0.029 | 0.007 | 0.04 | 3 | 000907a | | 6 |
| 68276 | 0.04 | 0.014 | 0.04 | 2.92 | 000907a | | 7 |
| 68277 | 0.064 | 0.042 | 0.02 | 3.61 | 000907a | | 8 |
| 68278 | 0.102 | 0.079 | 0.02 | 2.97 | 000907a | | 9 |
| 68279 | 0.079 | 0.033 | 0.02 | 2.95 | 000907a | | 10 |
| 68280 | 0.04 | 0.01 | 0.01 | 2.88 | 000907a | | 11 |
| 68281 | 0.168 | 0.016 | 0.05 | 3.16 | 000907a | | 12 |
| 68282 | 0.276 | 0.051 | 0.15 | 3.35 | 000907a | | 13 |
| 68283 | 0.114 | 0.06 | 0.03 | 3.15 | 000907a | | 14 |
| 68284 | 0.192 | 0.134 | 0.06 | 3.19 | 000907a | | 15 |
| 68285 | 0.033 | 0.012 | 0.01 | 2.59 | 000907a | | 16 |
| 68286 | 0.04 | 0.009 | 0.02 | 2.32 | 000907a | | 17 |
| 68287 | 0.029 | 0.006 | 0.01 | 2.68 | 000907a | | 18 |
| 68288 | 0.017 | 0.003 | 0.01 | 3.45 | 000907a | | 19 |
| 68289 | 0.32 | 0.232 | 0.04 | 3.85 | 000907a | | 20 |
| 68290 | 0.151 | 0.088 | 0.02 | 3.17 | 000907a | | 21 |
| 68291 | 0.332 | 0.071 | 0.04 | 3.25 | 000907a | | 22 |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68292 | 0.047 | 0.006 | 0.03 | 3.54 | 000907d | | 1 |
| 68293 | 0.094 | 0.006 | 0.04 | 3.89 | 000907d | | 2 |
| 68294 | 0.021 | 0.004 | 0.03 | 4.7 | 000907d | | 3 |
| 68295 | 0.492 | 0.388 | 0.16 | 4.82 | 000907d | | 4 |
| 68296 | 0.705 | 0.396 | 0.15 | 5.89 | 000907d | | 5 |
| 68297 | 0.117 | 0.028 | 0.04 | 4.34 | 000907d | | 6 |
| 68298 | 0.061 | 0.015 | 0.02 | 3.61 | 000907d | | 7 |
| 68299 | 0.053 | 0.026 | 0.03 | 4.53 | 000907d | | 8 |
| 68300 | 0.038 | 0.018 | 0.02 | 4.59 | 000907d | | 9 |
| 68301 | 0.106 | 0.065 | 0.05 | 5.17 | 000907d | | 10 |
| 68302 | 0.057 | 0.029 | 0.03 | 4.52 | 000907d | | 11 |
| 68303 | 0.062 | 0.032 | 0.03 | 4.66 | 000907d | | 12 |
| 68304 | 0.047 | 0.026 | 0.02 | 4.78 | 000907d | | 13 |
| 68305 | 0.028 | 0.013 | 0.01 | 4.43 | 000907d | | 14 |
| 68306 | 0.03 | 0.012 | 0.02 | 4.75 | 000907d | | 15 |
| 68307 | 0.081 | 0.049 | 0.05 | 4.33 | 000907d | | 16 |
| 68308 | 0.056 | 0.025 | 0.03 | 3.81 | 000907d | | 17 |
| 68309 | 0.047 | 0.024 | 0.04 | 4.79 | 000907d | | 18 |
| 68310 | 0.03 | 0.013 | 0.03 | 4.91 | 000907d | | 19 |
| 68311 | 0.03 | 0.013 | 0.02 | 4.41 | 000907d | | 20 |
| 68312 | 0.022 | 0.009 | 0.01 | 4.47 | 000907d | | 21 |
| 68313 | 0.189 | 0.015 | 0.37 | 4.96 | 000907d | | 22 |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68314 | 0.205 | 0.016 | 0.31 | 4.19 | 000907e | 1 | |
| 68315 | 0.155 | 0.015 | 0.22 | 3.82 | 000907e | 2 | |
| 68316 | 0.145 | 0.011 | 0.17 | 3.79 | 000907e | 3 | |
| 68317 | 0.137 | 0.01 | 0.15 | 3.52 | 000907e | 4 | |
| 68318 | 0.178 | 0.006 | 0.22 | 2.66 | 000907e | 5 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68319 | 0.259 | 0.008 | 0.57 | 3.37 | 000910c | | 1 |
| 68320 | 0.248 | 0.008 | 0.44 | 3.61 | 000910c | | 2 |
| 68321 | 0.104 | 0.002 | 0.18 | 4.19 | 000910c | | 3 |
| 68322 | 0.183 | 0.016 | 0.23 | 3.99 | 000910c | | 4 |
| 68323 | 0.194 | 0.056 | 1.37 | 4.23 | 000910c | | 5 |
| 68324 | 0.166 | 0.045 | 0.23 | 4.01 | 000910c | | 6 |
| 68325 | 0.226 | 0.007 | 0.27 | 3.53 | 000910c | | 7 |
| 68326 | 0.234 | 0.01 | 0.36 | 3.98 | 000910c | | 8 |
| 68327 | 0.172 | 0.01 | 0.25 | 3.71 | 000910c | | 9 |
| 68328 | 0.16 | 0.005 | 0.17 | 3.35 | 000910c | | 10 |
| 68329 | 0.188 | 0.007 | 0.39 | 3.13 | 000910c | | 11 |
| 68330 | 0.191 | 0.03 | 0.23 | 3.57 | 000910c | | 12 |
| 68331 | 0.213 | 0.01 | 0.31 | 5.35 | 000910c | | 13 |
| 68332 | 0.298 | 0.007 | 0.43 | 4.99 | 000910c | | 14 |
| 68333 | 0.161 | 0.005 | 0.24 | 4.33 | 000910c | | 15 |
| 68334 | 0.105 | 0.002 | 0.16 | 3.55 | 000910c | | 16 |
| 68335 | 0.062 | 0.001 | 0.14 | 3.15 | 000910c | | 17 |
| 68336 | 0.041 | 0.001 | 0.06 | 2.55 | 000910c | | 18 |
| 68337 | 0.203 | 0.014 | 0.34 | 4.63 | 000910c | | 19 |
| 68338 | 0.238 | 0.009 | 0.39 | 4 | 000910c | | 20 |
| 68339 | 0.17 | 0.007 | 0.25 | 3.67 | 000910c | | 21 |
| 68340 | 0.148 | 0.009 | 0.22 | 3.9 | 000910c | | 22 |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68341 | 0.142 | 0.006 | 0.57 | 4.22 | 000911b | 1 | |
| 68342 | 0.149 | 0.006 | 0.41 | 4.73 | 000911b | 2 | |
| 68343 | 0.24 | 0.008 | 0.51 | 4.16 | 000911b | 3 | |
| 68344 | 0.113 | 0.006 | 0.23 | 4.28 | 000911b | 4 | |
| 68345 | 0.101 | 0.004 | 0.18 | 3.59 | 000911b | 5 | |
| 68346 | 0.141 | 0.007 | 0.26 | 3.62 | 000911b | 6 | |
| 68347 | 0.099 | 0.004 | 0.18 | 4.38 | 000911b | 7 | |
| 68348 | 0.079 | 0.003 | 0.14 | 4.42 | 000911b | 8 | |
| 68349 | 0.268 | 0.01 | 0.43 | 4.33 | 000911b | 9 | |
| 68350 | 0.248 | 0.008 | 0.41 | 3.96 | 000911b | 10 | |
| 68351 | 0.069 | 0.022 | 0.14 | 5.49 | 000911b | 11 | |
| 68352 | 0.149 | 0.03 | 0.26 | 4.87 | 000911b | 12 | |
| 68353 | 0.147 | 0.035 | 0.29 | 5.38 | 000911b | 13 | |
| 68354 | 0.228 | 0.01 | 0.27 | 4.6 | 000911b | 14 | |
| 68355 | 0.18 | 0.007 | 0.31 | 4.78 | 000911b | 15 | |
| 68356 | 0.144 | 0.005 | 0.22 | 3.98 | 000911b | 16 | |
| 68357 | 0.116 | 0.025 | 0.17 | 4.88 | 000911b | 17 | |
| 68358 | 0.134 | 0.045 | 0.27 | 4.11 | 000911b | 18 | |
| 68359 | 0.165 | 0.029 | 0.23 | 3.91 | 000911b | 19 | |
| 68360 | 0.073 | 0.019 | 0.17 | 4.17 | 000911b | 20 | |
| 68361 | 0.116 | 0.052 | 0.2 | 4.27 | 000911b | 21 | |
| 68362 | 0.118 | 0.048 | 0.16 | 5.06 | 000911b | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68363 | 0.083 | 0.029 | 0.11 | 3.98 | 000912c | | 1 |
| 68364 | 0.033 | 0.012 | 0.03 | 4.98 | 000912c | | 2 |
| 68365 | 0.112 | 0.057 | 0.1 | 5.1 | 000912c | | 3 |
| 68366 | 0.138 | 0.078 | 0.24 | 4.83 | 000912c | | 4 |
| 68367 | 0.222 | 0.107 | 0.36 | 4.19 | 000912c | | 5 |
| 68368 | 0.204 | 0.065 | 0.27 | 4.27 | 000912c | | 6 |
| 68369 | 0.208 | 0.057 | 0.32 | 4.34 | 000912c | | 7 |
| 68370 | 0.255 | 0.047 | 0.46 | 4.28 | 000912c | | 8 |
| 68371 | 0.237 | 0.053 | 0.35 | 4.17 | 000912c | | 9 |
| 68372 | 0.231 | 0.01 | 0.32 | 3.79 | 000912c | | 10 |
| 68373 | 0.144 | 0.005 | 0.22 | 5.03 | 000912c | | 11 |
| 68374 | 0.211 | 0.007 | 0.28 | 4.29 | 000912c | | 12 |
| 68375 | 0.353 | 0.011 | 0.77 | 4.76 | 000912c | | 13 |
| 68376 | 0.283 | 0.016 | 0.41 | 4.24 | 000912c | | 14 |
| 68377 | 0.225 | 0.01 | 0.37 | 3.91 | 000912c | | 15 |
| 68378 | 0.463 | 0.019 | 0.76 | 4.97 | 000912c | | 16 |
| 68379 | 0.375 | 0.015 | 0.62 | 4.6 | 000912c | | 17 |
| 68380 | 0.282 | 0.008 | 0.36 | 4.24 | 000912c | | 18 |
| 68381 | 0.236 | 0.007 | 0.34 | 4.46 | 000912c | | 19 |
| 68382 | 0.193 | 0.007 | 0.33 | 4 | 000912c | | 20 |
| 68383 | 0.134 | 0.006 | 0.25 | 3.76 | 000912c | | 21 |
| 68384 | 0.263 | 0.009 | 0.3 | 4.51 | 000912c | | 22 |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68385 | 0.17 | 0.008 | 0.23 | 4.07 | 000912d | 1 | |
| 68386 | 0.269 | 0.018 | 0.3 | 3.42 | 000912d | 2 | |
| 68387 | 0.177 | 0.015 | 0.2 | 3.07 | 000912d | 3 | |
| 68388 | 0.279 | 0.026 | 0.32 | 3.08 | 000912d | 4 | |
| 68389 | 0.239 | 0.027 | 0.23 | 3.5 | 000912d | 5 | |
| 68390 | 0.535 | 0.019 | 0.55 | 4.33 | 000912d | 6 | |
| 68391 | 0.297 | 0.012 | 0.27 | 4.7 | 000912d | 7 | |
| 68393 | 0.343 | 0.011 | 0.27 | 3.51 | 000912d | 8 | |
| 68394 | 0.263 | 0.01 | 0.26 | 3.6 | 000912d | 9 | |
| 68395 | 0.242 | 0.011 | 0.21 | 3.77 | 000912d | 10 | |
| 68396 | 0.27 | 0.013 | 0.24 | 3.5 | 000912d | 11 | |
| 68397 | 0.153 | 0.01 | 0.3 | 3.93 | 000912d | 12 | |
| 68398 | 0.194 | 0.009 | 0.24 | 5.29 | 000912d | 13 | |
| 68399 | 0.215 | 0.007 | 0.31 | 4.65 | 000912d | 14 | |
| 68400 | 0.177 | 0.006 | 0.33 | 4.38 | 000912d | 15 | |
| 68401 | 0.142 | 0.007 | 0.28 | 4.71 | 000912d | 16 | |
| 68402 | 0.275 | 0.015 | 0.33 | 4.26 | 000912d | 17 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|-----------|
| 68403 | 0.125 | 0.063 | 0.42 | 5.73 | 001018a | 1 | |
| 68404 | 0.061 | 0.03 | 0.19 | 3.73 | 001018a | 2 | |
| 68405 | 0.064 | 0.032 | 0.28 | 4.17 | 001018a | 3 | |
| 68406 | 0.01 | 0.003 | 0.05 | 2.74 | 001018a | 4 | |
| 68407 | 0.009 | 0.002 | 0.06 | 2.9 | 001018a | 5 | |
| 68408 | 0.007 | 0.001 | 0.05 | 2.65 | 001018a | 6 | |
| 49126 | 0.153 | 0.084 | 0.05 | 4.9 | 001018a | 7 | testholes |
| 49127 | 0.133 | 0.07 | 0.16 | 4.98 | 001018a | 8 | |
| 49128 | 0.102 | 0.037 | 0.09 | 4.73 | 001018a | 9 | |
| 49129 | 0.085 | 0.042 | 0.08 | 4.71 | 001018a | 10 | |
| 49130 | 0.104 | 0.061 | 0.1 | 4.78 | 001018a | 11 | |
| 49131 | 0.071 | 0.037 | 0.07 | 4.45 | 001018a | 12 | |
| 54542 | 0.035 | 0.015 | 0.02 | 5.01 | 001018a | 13 | |
| 54543 | 0.108 | 0.067 | 0.14 | 4.67 | 001018a | 14 | |

QueryExport

| Tag . | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|------------|
| 68409 | 0.044 | 0.018 | 0.04 | 4.01 | 001019a | 1 | TEST HOLES |
| 68410 | 0.171 | 0.124 | 0.1 | 4.59 | 001019a | 2 | |
| 68411 | 0.107 | 0.078 | 0.08 | 3.53 | 001019a | 3 | |
| 68412 | 0.113 | 0.084 | 0.14 | 2.01 | 001019a | 4 | |
| 68413 | 0.04 | 0.018 | 0.04 | 4.08 | 001019a | 5 | |
| 68414 | 0.364 | 0.066 | 0.37 | 6.06 | 001019a | 6 | |
| 68415 | 0.307 | 0.22 | 0.24 | 4.23 | 001019a | 7 | |
| 68416 | 0.165 | 0.121 | 0.1 | 3.46 | 001019a | 8 | |
| 49132 | 0.142 | 0.078 | 0.1 | 4.77 | 001019a | 9 | |
| 49133 | 0.083 | 0.037 | 0.1 | 4.58 | 001019a | 10 | |
| 49134 | 0.084 | 0.04 | 0.14 | 4.54 | 001019a | 11 | |
| 49135 | 0.106 | 0.029 | 0.18 | 4.24 | 001019a | 12 | |
| 49136 | 0.087 | 0.038 | 0.17 | 4.67 | 001019a | 13 | |
| 49137 | 0.13 | 0.071 | 0.19 | 5.93 | 001019a | 14 | |
| 49138 | 0.169 | 0.088 | 0.16 | 4.87 | 001019a | 15 | |
| 49139 | 0.185 | 0.102 | 0.16 | 4.38 | 001019a | 16 | |
| 49140 | 0.069 | 0.036 | 0.04 | 4.99 | 001019a | 17 | |
| 49141 | 0.054 | 0.032 | 0.03 | 4.95 | 001019a | 18 | |
| 49142 | 0.055 | 0.029 | 0.07 | 4.71 | 001019a | 19 | |
| 49143 | 0.052 | 0.028 | 0.04 | 4.87 | 001019a | 20 | |
| 49144 | 0.049 | 0.026 | 0.05 | 4.86 | 001019a | 21 | |
| 49145 | 0.033 | 0.012 | 0.02 | 4.77 | 001019a | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68417 | 0.135 | 0.105 | 0.09 | 3.41 | 001020c | 1 | testhole |
| 68418 | 0.248 | 0.196 | 0.19 | 4.38 | 001020c | 2 | |
| 68419 | 0.266 | 0.204 | 0.22 | 4.18 | 001020c | 3 | |
| 68420 | 0.393 | 0.338 | 0.92 | 5.12 | 001020c | 4 | |
| 68421 | 0.12 | 0.065 | 0.1 | 2.98 | 001020c | 5 | |
| 68422 | 0.117 | 0.08 | 0.06 | 3.1 | 001020c | 6 | |
| 68423 | 0.059 | 0.039 | 0.03 | 2.8 | 001020c | 7 | |
| 68424 | 0.054 | 0.03 | 0.02 | 3.07 | 001020c | 8 | |
| 68425 | 0.137 | 0.095 | 0.08 | 3.96 | 001020c | 9 | |
| 68426 | 0.038 | 0.016 | 0.01 | 5.15 | 001020c | 10 | |
| 68427 | 0.074 | 0.045 | 0.08 | 3.7 | 001020c | 11 | |
| 68428 | 0.111 | 0.081 | 0.08 | 3.03 | 001020c | 12 | |
| 68429 | 0.051 | 0.035 | 0.06 | 3.4 | 001020c | 13 | |
| 68430 | 0.115 | 0.069 | 0.4 | 4.09 | 001020c | 14 | |
| 68431 | 0.115 | 0.068 | 0.14 | 4.48 | 001020c | 15 | |
| 68432 | 0.06 | 0.015 | 0.09 | 4.28 | 001020c | 16 | |
| 68433 | 0.05 | 0.028 | 0.1 | 3.83 | 001020c | 17 | |
| 68434 | 0.085 | 0.038 | 0.08 | 4.54 | 001020c | 18 | |
| 68435 | 0.05 | 0.025 | 0.04 | 4.38 | 001020c | 19 | |
| 68436 | 0.033 | 0.016 | 0.05 | 4 | 001020c | 20 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 48552 | 0.111 | 0.012 | 0.18 | 5.36 | 001023c | 1 | |
| 48553 | 0.136 | 0.018 | 0.17 | 5.79 | 001023c | 2 | |
| 48554 | 0.119 | 0.016 | 0.1 | 5.49 | 001023c | 3 | |
| 48555 | 0.129 | 0.026 | 0.17 | 5.25 | 001023c | 4 | |
| 48556 | 0.12 | 0.016 | 0.15 | 5.32 | 001023c | 5 | |
| 48564 | 0.051 | 0.024 | 0.19 | 5.05 | 001023c | 6 | |
| 48565 | 0.078 | 0.048 | 0.1 | 5.33 | 001023c | 7 | |
| 48566 | 0.063 | 0.024 | 0.06 | 4.35 | 001023c | 8 | |
| 48567 | 0.051 | 0.028 | 0.04 | 4.27 | 001023c | 9 | |
| 48568 | 0.131 | 0.058 | 0.06 | 5.13 | 001023c | 10 | |
| 48608 | 0.278 | 0.206 | 0.15 | 6.96 | 001023c | 11 | |
| 48609 | 0.228 | 0.173 | 0.13 | 6.2 | 001023c | 12 | |
| 48610 | 0.268 | 0.209 | 0.17 | 7.43 | 001023c | 13 | |
| 48611 | 0.061 | 0.045 | 0.05 | 6.59 | 001023c | 14 | |
| 48612 | 0.134 | 0.07 | 0.09 | 6.66 | 001023c | 15 | |
| 48613 | 0.634 | 0.543 | 0.2 | 4.66 | 001023c | 16 | |
| 48614 | 0.52 | 0.397 | 0.19 | 5.99 | 001023c | 17 | |
| 48615 | 0.244 | 0.166 | 0.12 | 4.1 | 001023c | 18 | |
| 48616 | 0.308 | 0.216 | 0.15 | 6.5 | 001023c | 19 | |
| 48619 | 0.419 | 0.314 | 0.55 | 6.78 | 001023c | 20 | |
| 49149 | 0.024 | 0.01 | 0.02 | 4.23 | 001023c | 21 | |
| 49150 | 0.038 | 0.018 | 0.09 | 4.62 | 001023c | 22 | |

QueryExport

| Tag . | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|-----------|
| 49155 | 0.068 | 0.045 | 0.19 | 4.56 | 001024d | 1 | |
| 49156 | 0.098 | 0.023 | 0.22 | 5.11 | 001024d | 2 | |
| 49161 | 0.096 | 0.065 | 0.07 | 4.53 | 001024d | 3 | |
| 49162 | 0.036 | 0.013 | 0.03 | 4.84 | 001024d | 4 | |
| 49163 | 0.036 | 0.02 | 0.03 | 4.37 | 001024d | 5 | |
| 49164 | 0.125 | 0.094 | 0.2 | 4.66 | 001024d | 6 | |
| 49165 | 0.041 | 0.026 | 0.05 | 5.43 | 001024d | 7 | |
| 49166 | 0.024 | 0.013 | 0.02 | 6.17 | 001024d | 8 | |
| 49167 | 0.059 | 0.028 | 0.08 | 5.42 | 001024d | 9 | |
| 48551 | 0.061 | 0.026 | 0.07 | 3.95 | 001024d | 10 | testholes |
| 49151 | 0.107 | 0.024 | 0.16 | 4.85 | 001024d | 11 | |
| 49152 | 0.054 | 0.007 | 0.16 | 4.28 | 001024d | 12 | |
| 49153 | 0.044 | 0.008 | 0.08 | 4.14 | 001024d | 13 | |
| 49154 | 0.066 | 0.006 | 0.21 | 5.11 | 001024d | 14 | |
| 49157 | 0.091 | 0.021 | 0.2 | 4.88 | 001024d | 15 | |
| 49158 | 0.123 | 0.017 | 0.3 | 5.23 | 001024d | 16 | |
| 49159 | 0.14 | 0.01 | 1.23 | 5.62 | 001024d | 17 | |
| 49160 | 0.086 | 0.009 | 0.48 | 4.97 | 001024d | 18 | |
| 48981 | 0.179 | 0.118 | 0.23 | 5.08 | 001024d | 19 | |
| 48617 | 0.266 | 0.183 | 0.17 | 5.29 | 001024d | 20 | |
| 48620 | 0.134 | 0.106 | 0.15 | 5.5 | 001024d | 21 | |
| 48607 | 0.258 | 0.221 | 0.15 | 6.35 | 001024d | 22 | |

QueryExport

| Tag . | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 68439 | 0.033 | 0.013 | 0.1 | 4.75 | 001024e | 1 | |
| 68440 | 0.023 | 0.012 | 0.16 | 4.7 | 001024e | 2 | |
| 68444 | 0.09 | 0.005 | 0.34 | 3.88 | 001024e | 3 | |
| 68446 | 0.131 | 0.078 | 0.12 | 7.07 | 001024e | 4 | |
| 68447 | 0.364 | 0.264 | 0.82 | 6.08 | 001024e | 5 | |
| 68448 | 0.483 | 0.373 | 0.59 | 7.08 | 001024e | 6 | |
| 68449 | 0.3 | 0.235 | 0.3 | 5.8 | 001024e | 7 | |
| 68450 | 0.411 | 0.346 | 0.41 | 6.61 | 001024e | 8 | |
| 48557 | 0.094 | 0.021 | 0.16 | 5.33 | 001024e | 9 | |
| 48563 | 0.031 | 0.016 | 0.06 | 4.38 | 001024e | 10 | |
| 48582 | 0.199 | 0.128 | 0.2 | 5.92 | 001024e | 11 | |
| 48583 | 0.101 | 0.046 | 0.18 | 4.8 | 001024e | 12 | |
| 48584 | 0.064 | 0.02 | 0.13 | 4.58 | 001024e | 13 | |
| 48601 | 0.346 | 0.243 | 0.45 | 5.65 | 001024e | 14 | |
| 48603 | 0.458 | 0.361 | 0.49 | 7.43 | 001024e | 15 | |
| 48977 | 0.084 | 0.039 | 0.04 | 5.88 | 001024e | 16 | |
| 48978 | 0.102 | 0.054 | 0.05 | 5.81 | 001024e | 17 | |
| 48979 | 0.04 | 0.016 | 0.02 | 5.92 | 001024e | 18 | |
| 48980 | 0.175 | 0.137 | 0.35 | 4.41 | 001024e | 19 | |
| 48982 | 1.074 | 0.946 | 1.03 | 5.38 | 001024e | 20 | |
| 48983 | 0.693 | 0.546 | 0.85 | 5.53 | 001024e | 21 | |
| 49175 | 0.142 | 0.094 | 0.12 | 5.27 | 001024e | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 48976 | 0.099 | 0.045 | 0.11 | 5.58 | 001025a | 1 | |
| 68442 | 0.044 | 0.013 | 0.12 | 4.25 | 001025a | 2 | |
| 68443 | 0.064 | 0.006 | 0.14 | 3.74 | 001025a | 3 | |
| 68445 | 0.307 | 0.246 | 0.39 | 5.39 | 001025a | 4 | |
| 48604 | 0.365 | 0.242 | 0.42 | 6.68 | 001025a | 5 | |
| 48618 | 0.246 | 0.134 | 0.15 | 5.56 | 001025a | 6 | |
| 48621 | 0.077 | 0.047 | 0.09 | 4.88 | 001025a | 7 | |
| 48622 | 0.181 | 0.107 | 0.17 | 5.39 | 001025a | 8 | |
| 48623 | 0.254 | 0.108 | 0.19 | 5.85 | 001025a | 9 | |
| 48624 | 0.258 | 0.112 | 0.23 | 6.19 | 001025a | 10 | |
| 49168 | 0.041 | 0.024 | 0.05 | 5.08 | 001025a | 11 | |
| 49169 | 0.058 | 0.034 | 0.08 | 4.91 | 001025a | 12 | |
| 49170 | 0.035 | 0.014 | 0.06 | 2.64 | 001025a | 13 | |
| 49171 | 0.041 | 0.016 | 0.03 | 6.11 | 001025a | 14 | |
| 49172 | 0.054 | 0.029 | 0.06 | 4.68 | 001025a | 15 | |
| 49173 | 0.141 | 0.095 | 0.19 | 4.43 | 001025a | 16 | |
| 49174 | 0.213 | 0.146 | 0.28 | 5.57 | 001025a | 17 | |
| 48560 | 0.164 | 0.009 | 0.3 | 5.82 | 001025a | 18 | |
| 48602 | 0.372 | 0.295 | 0.62 | 6.28 | 001025a | 19 | |
| 48559 | 0.125 | 0.01 | 0.21 | 4.99 | 001025a | 20 | |
| 48561 | 0.138 | 0.01 | 0.26 | 5.65 | 001025a | 21 | |
| 48562 | 0.157 | 0.008 | 0.35 | 5.57 | 001025a | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|-----------|
| 68437 | 0.031 | 0.011 | 0.04 | 4.77 | 001025d | 1 | |
| 68438 | 0.025 | 0.008 | 0.03 | 4.47 | 001025d | 2 | |
| 68441 | 0.041 | 0.021 | 0.1 | 3.19 | 001025d | 3 | |
| 48558 | 0.111 | 0.009 | 0.17 | 4.84 | 001025d | 4 | testholes |
| 48605 | 0.261 | 0.178 | 0.28 | 7.23 | 001025d | 5 | |
| 48606 | 0.359 | 0.278 | 0.38 | 6.78 | 001025d | 6 | |
| 49146 | 0.031 | 0.015 | 0.03 | 3.61 | 001025d | 7 | |
| 49147 | 0.022 | 0.01 | 0.03 | 3.68 | 001025d | 8 | |
| 49148 | 0.036 | 0.017 | 0.03 | 3.74 | 001025d | 9 | |
| 48984 | 0.473 | 0.392 | 0.35 | 6.61 | 001025d | 10 | |
| 48985 | 0.464 | 0.288 | 0.58 | 6.26 | 001025d | 11 | |
| 48986 | 0.263 | 0.135 | 0.14 | 5.54 | 001025d | 12 | |
| 48987 | 0.249 | 0.104 | 0.18 | 7.67 | 001025d | 13 | |
| 48988 | 0.251 | 0.19 | 0.13 | 4.68 | 001025d | 14 | |
| 48989 | 0.261 | 0.193 | 0.06 | 4.37 | 001025d | 15 | |
| 48990 | 0.281 | 0.19 | 0.12 | 4.58 | 001025d | 16 | |
| 48991 | 0.222 | 0.124 | 0.08 | 5.04 | 001025d | 17 | |
| 48992 | 0.246 | 0.053 | 0.09 | 5.59 | 001025d | 18 | |
| 48995 | 0.645 | 0.553 | 1.68 | 3.73 | 001025d | 19 | |
| 48996 | 0.476 | 0.348 | 0.58 | 4.65 | 001025d | 20 | |
| 48997 | 0.721 | 0.614 | 1.13 | 4.59 | 001025d | 21 | |
| 48998 | 0.492 | 0.112 | 0.79 | 5.72 | 001025d | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|------------|
| 48740 | 0.108 | 0.06 | 0.08 | 3.71 | 001113d | 1 | TEST HOLES |
| 48741 | 0.094 | 0.052 | 0.06 | 3.47 | 001113d | 2 | |
| 48742 | 0.154 | 0.103 | 0.05 | 3.31 | 001113d | 3 | |
| 48743 | 0.124 | 0.076 | 0.05 | 3.01 | 001113d | 4 | |
| 48744 | 0.237 | 0.141 | 0.08 | 3.62 | 001113d | 5 | |
| 48745 | 0.154 | 0.085 | 0.08 | 3.1 | 001113d | 6 | |
| 48746 | 0.142 | 0.087 | 0.07 | 2.69 | 001113d | 7 | |
| 48747 | 0.141 | 0.084 | 0.09 | 2.98 | 001113d | 8 | |
| 48748 | 0.207 | 0.151 | 1.06 | 4.23 | 001113d | 9 | |
| 48749 | 0.2 | 0.14 | 0.3 | 5.08 | 001113d | 10 | |
| 48750 | 0.229 | 0.098 | 0.31 | 5.2 | 001113d | 11 | |
| 22126 | 0.117 | 0.065 | 0.25 | 4.38 | 001113d | 12 | |
| 22127 | 0.065 | 0.029 | 0.19 | 4.44 | 001113d | 13 | |
| 22128 | 0.117 | 0.026 | 0.23 | 5.88 | 001113d | 14 | |
| 22129 | 0.123 | 0.087 | 0.18 | 7.32 | 001113d | 15 | |
| 22130 | 0.169 | 0.1 | 0.15 | 8.73 | 001113d | 16 | |
| 22131 | 0.094 | 0.036 | 0.13 | 5.68 | 001113d | 17 | |
| 22132 | 0.063 | 0.026 | 0.08 | 4.26 | 001113d | 18 | |
| 22133 | 0.028 | 0.012 | 0.07 | 3.08 | 001113d | 19 | |
| 22134 | 0.03 | 0.012 | 0.06 | 3.2 | 001113d | 20 | |
| 22135 | 0.104 | 0.075 | 0.15 | 5 | 001113d | 21 | |
| 22136 | 0.108 | 0.072 | 0.12 | 4.4 | 001113d | 22 | |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|-------------|
| 22137 | 0.056 | 0.038 | 0.09 | 3.55 | 001113e | | 1 test hole |
| 22138 | 0.052 | 0.033 | 0.1 | 3.31 | 001113e | | 2 |
| 22139 | 0.036 | 0.018 | 0.16 | 2.66 | 001113e | | 3 |
| 22140 | 0.028 | 0.015 | 0.06 | 2.38 | 001113e | | 4 |
| 22141 | 0.176 | 0.125 | 0.18 | 7.08 | 001113e | | 5 |
| 22142 | 0.102 | 0.079 | 0.08 | 4.91 | 001113e | | 6 |
| 22143 | 0.086 | 0.061 | 0.06 | 4.79 | 001113e | | 7 |
| 22144 | 0.062 | 0.04 | 0.08 | 4.43 | 001113e | | 8 |
| 22145 | 0.096 | 0.042 | 0.11 | 4.85 | 001113e | | 9 |
| 22146 | 0.085 | 0.036 | 0.08 | 4.59 | 001113e | | 10 |
| 22147 | 0.198 | 0.142 | 0.37 | 5.68 | 001113e | | 11 |
| 22148 | 0.28 | 0.127 | 0.55 | 5.96 | 001113e | | 12 |
| 22149 | 0.239 | 0.096 | 0.46 | 6.26 | 001113e | | 13 |
| 22150 | 0.124 | 0.068 | 0.39 | 4.12 | 001113e | | 14 |
| 22151 | 0.083 | 0.049 | 0.08 | 2.68 | 001113e | | 15 |
| 22152 | 0.035 | 0.021 | 0.06 | 2.06 | 001113e | | 16 |
| 22153 | 0.079 | 0.01 | 0.07 | 2.09 | 001113e | | 17 |
| 22154 | 0.229 | 0.007 | 0.14 | 5.25 | 001113e | | 18 |
| 22155 | 0.32 | 0.01 | 0.11 | 5.54 | 001113e | | 19 |
| 22156 | 0.172 | 0.008 | 0.09 | 5.12 | 001113e | | 20 |

QueryExport

| Tag | Cu-tot (%) | Cu-ns (%) | Au (g/t) | Fe-tot (%) | File Name | Posn | comments |
|-------|------------|-----------|----------|------------|-----------|------|----------|
| 22157 | 0.102 | 0.031 | 0.08 | 5.83 | 001115d | | 1 |
| 22158 | 0.084 | 0.02 | 0.08 | 5.08 | 001115d | | 2 |
| 22159 | 0.044 | 0.01 | 0.38 | 3.75 | 001115d | | 3 |
| 22160 | 0.081 | 0.013 | 0.35 | 4.07 | 001115d | | 4 |
| 22161 | 0.041 | 0.007 | 0.15 | 2.88 | 001115d | | 5 |
| 22162 | 0.036 | 0.006 | 0.13 | 3.4 | 001115d | | 6 |
| 22163 | 0.059 | 0.015 | 0.14 | 4.83 | 001115d | | 7 |
| 22164 | 0.053 | 0.01 | 0.06 | 5.07 | 001115d | | 8 |
| 22165 | 0.05 | 0.009 | 0.08 | 5.18 | 001115d | | 9 |
| 22166 | 0.054 | 0.006 | 0.07 | 5.42 | 001115d | | 10 |
| 22167 | 0.026 | 0.005 | 0.17 | 4 | 001115d | | 11 |
| 22168 | 0.031 | 0.006 | 0.07 | 3.96 | 001115d | | 12 |
| 22169 | 0.028 | 0.007 | 0.06 | 3.83 | 001115d | | 13 |
| 22170 | 0.013 | 0.001 | 0.01 | 6.75 | 001115d | | 14 |
| 22171 | 0.021 | 0.001 | 0.04 | 3.94 | 001115d | | 15 |
| 22172 | 0.017 | 0.002 | 0.05 | 3.2 | 001115d | | 16 |
| 22173 | 0.108 | 0.004 | 0.08 | 4.27 | 001115d | | 17 |
| 22174 | 0.101 | 0.003 | 0.07 | 4.4 | 001115d | | 18 |