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.

V0L 1N0

Volume 4 – Drill Logs and Assay Certificates

Percussion – T00-*

Vivian F. Park. P. Geo.

Mine Geologist

March 15, 2001

DRILL LOGS

Drillhole Report

T00-1

Zone	Springer	**Easting**	1506.0	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3675.7	**Logged By**	V. Park
		Elevation	1197.4	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	22.0	BX	Intrusive breccia; mostly dark salmon-pink with <10% fragments with grey-pink mottling; little variation throughout. Salmon-pink rock is so intensely K-altered that most original textures are destroyed, although very rare pieces show white plagioclase phenocrysts <1mm; generally, rock has a homogeneous appearance but crystals boundaries are apparent; protolith is monzonite and plagioclase porphyry monzonite (PPp); abundant sub-mm black specks due to magnetite and biotite +/- manganese oxide - also line s fractures - >10% locally; rare calcite veinlets <<1/2mm preserved. Intense pervasive potassic alteration dominates; minor sericite on some surfaces - increasing very slightly to end of interval. Strongly magnetitic - as sub-mm disseminated crystals and as mm-scale stringers and often in fractures; associated with biotite and manganese oxide. Trace malachite as sub-mm specks on fractures and non-=planar surfaces, usually associated with magnetite; no visible chalcopyrite; rare disseminated pyrite, also associated with magnetite. Mottled rock, diorite to monzonite, is much better preserved, with diversity in colour due to mineralogy; mostly equigranular, but with some very slightly phyric plagioclase laths; higher colour index than PPp/MZ. Moderate selective to weakly pervasive potassic alteration - intensifies with depth; localized silicification associated with strong magnetite; minor sericite. Very strongly magnetitic - 10 to >25% interstitial

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	3.8	49251	0.298	0.243	0.14	4.54	5		4	mal	
3.8	7.6	49252	0.341	0.247	0.13	5.80	4		4	mal	tr
7.6	11.4	49253	0.461	0.253	0.23	5.61	4		4	mal	
11.4	15.2	49254	0.380	0.279	0.25	5.34	5		4	mal	
15.2	19.1	49255	0.345	0.230	0.16	5.20	5		3		
19.1	22.9	49256	0.330	0.235	0.15	7.20	4		4	mal	
22.9	26.7	49257	0.242	0.156	0.16	6.19	3		4	mal, tr	tr
26.7	30.5	49258	0.135	0.064	0.10	3.85	5		3		
30.5	38.1	49259	0.186	0.061	0.08	6.02	2		5	tr	
38.1	45.7	49260	0.123	0.079	0.12	4.11	5		2	mal, tr	

Lithology				Assay Results								Alteration			
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
			magnetite (+/- biotite), occasionally associated with silica. Trace malachite - pinpoint specks, often associated with magnetite. Lower contact is possible sharp.												
22.0	27.0	BX	Breccia?; mottled dark pink and grey monzonite to monzodiorite; much as secondary rock type in 0.0 - 22.0 m; mostly equigranular with some phyric feldspar; excellent igneous textures, with colour diversity between minerals; strong contrast to adjacent pink rock, so might be a dyke?; colour index <20 - black magnetite and biotite. Very strong potassic alteration overall, but varies from weak and selective to intense and pervasive; minor sericitized biotite. Very strongly magnetitic - disseminated crystals, clots, stringers and fractures. Trace pin point malachite; very rare, trace chalcopyrite <<1mm; a few chips (<<5%) with ultra fine, subtle disseminated pyrite; most sulfides are associated with magnetite.												
27.0	30.5	BX	Breccia, to plagioclase porphyry dyke (PPp); deep salmon-pink rock as 0.0 - 22.0 m; rare, whitish plagioclase laths <1-2mm indicate that this was probably PPp; homogeneous; grain boundaries are discernible but blurred by intense alteration; most biotite has been altered away; if this is a breccia, then no textural relationships are preserved. Intense pervasive potassic alteration - affects all minerals equally, except for rare plagioclase phenocrysts; weak sericite; spotty manganese oxide (after magnetite) on some fractures. Moderately magnetitic - magnetite in sub-mm stringers, clots; localized micro stockwork with quartz-magnetite as filling. No visible malachite, chalcopyrite or pyrite. Sharp contacts.												

Lithology				Assay Results							Alteration				
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
30.5	38.2	BX	Breccia?; possible PPg ->PPp; much as 22.0 - 27.0 m; in strong contrast to adjacent units - possible dyke?; very sharp contacts; breccia textures aren't seen. Dominantly grey with black, pink and cream mottling; excellent igneous textures; all crystals boundaries are strongly evident; phyric plagioclase laths <2-3mm, usually <1mm; crowded pseudo-porphyry locally; higher colour index - 10 to >25. Moderately to strongly potassically altered - selective in some places, pervasive in others; minor selective clay alteration of modal feldspar. Intensely magnetitic - clots, stringers, stockwork and fractures - can comprise >25% of some rocks - occurs interstitially. <1% pyrite occurs as ultra fine (<<1/2mm) disseminated crystals, usually in localized settings and comprising <5% there; pyrite is often subtle; very rare trace chalcopyrite; all sulfides are closely associated with magnetite.													
38.2	45.7	BX	Breccia (or PPp dyke?), as 0.0 - 22.0 m and 27.0 - 30.5 m; deep salmon-pink due to intense pervasive potassic alteration; homogeneous but with discernible crystal boundaries; most biotite altered away; weakly magnetitic - sub-mm magnetite in fractures/veinlets <1mm that make micro stockwork locally; rare phyric plagioclase preserved; minor sericite on some surfaces; no visible pyrite or chalcopyrite.												

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Drillhole Report

T00-2

Zone	Springer	**Easting**	1550.4	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3680.7	**Logged By**	V. Park
		Elevation	1202.6	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	14.4	BX	Intrusive breccia; mottled grey and pink - variable colouration from sample to sample; composed of diorite to monzonite; igneous textures are very well preserved; usually equigranular but with occasional strongly phyric feldspar locally; minor hematite on rare fractures. Potassic alteration ranges from moderate to intense, semi- to fully pervasive; <10% chips, especially above 7.6 m, with equal K-spar and epidote alteration; some chloritic fractures; K-alteration > propylitic alteration by end of interval; localized silicification. Very strongly magnetitic - occurs as interstitial mm-scale clots and sub-mm stringers and forms micro stockwork locally; faint surface hematitization near top of hole. Trace malachite specks; rare trace oxidized chalcopyrite in one strongly propylitic chip; no visible pyrite. Subtly into:
14.4	17.0	PPg	Plagioclase porphyry dyke; dark grey aphanitic groundmass with subtle white, sub-translucent luster. Weak selective K-alteration; dusty grey sericite on most surfaces - increases; very, very faintly chloritic. No visible mineralization. Contacts are not obviously sharply defined.

Assay Results

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %
0.0	7.6	49261	0.218	0.143	0.09	4.94
7.6	15.2	49262	0.264	0.150	0.11	5.02
15.2	22.9	49263	0.274	0.082	0.17	5.82
22.9	30.5	49264	0.318	0.133	0.19	6.15
30.5	38.1	49265	0.249	0.094	0.19	5.62
38.1	45.7	49266	0.358	0.220	0.45	6.45

Alteration

From	To	K	A	M	cp	py
0.0	7.6	3		4	mal	
7.6	15.2	2		4	mal	
15.2	22.9	2		5	mal	tr
22.9	30.5	3		4	mal, tr	
30.5	38.1	3		3	mal	
38.1	45.7	4		3	mal	

Lithology				Assay Results							Alteration				
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
17.0	45.7	BX	Breccia, as 0.0 - 14.4 m; mottled pink with grey - increasingly pink to end of hole; igneous textures are usually well preserved although there is a lot of variability in grain size/relative grain size; composition ranges from diorite to monzonite to nouveau syenite. Potassic alteration intensifies to end of hole where it becomes more pervasive and more intense; moderate propylitic alteration (epidote, chlorite, sericite) near upper contact decreases to 38.1 m; more silicified and sericitic (phyllic) to 30.5 m; significantly increased potassium from 36.0 m; sub-opaque, micro sucrosic recrystallized texture due to sericitization; minor limonite and hematite spots on fractures; minor hematite staining 22.9 - 30.5 m. Strongly, but decreasing slightly, magnetitic - disseminated crystals, clots, stringers etc; magnetite less common in most intensely potassic rocks from 30.5 m. Trace malachite spots <1mm on occasional fractures - not abundant but ubiquitous; trace oxidized chalcopyrite, with magnetite, 22.9 - 30.5 m; very rare pyrite above that.														

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Drillhole Report

T00-3

Zone	Springer	**Easting**	1571.3	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3678.4	**Logged By**	V. Park
		Elevation	1203.7	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	45.7	PPp	Plagioclase porphyry monzonite; could be breccia, but homolithic composition and lack of textures make it impossible to tell; deep salmon-pink colour - no variation; occasional white anhedral plagioclase phenocrysts 1-2mm; <1-2% excellent amphibole crystals > pyroxene crystals; biotite speckled throughout; <5% mafic minerals - occasionally chloritic. Intense pervasive potassic alteration destroys and overprints everything; crystals boundaries are discernible but blurred; subtle grainy recrystallized texture - completely altered to syenite; minor sericite. Very, very rare pyrite specks near surface; no malachite or chalcopyrite visible; very, very weakly magnetitic. 38.1 - 45.7 m: <10% grungy green-orange-grey rock with hematitic surfaces and silicified appearance; grainy; significantly increased colour index - looks like magnetite with hematite; I don't know how this fits in - a new unit?; a fault?; not visibly mineralized.

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	49267	0.036	0.013	0.05	2.47	5				tr
7.6	15.2	49268	0.061	0.022	0.05	2.56	5				
15.2	22.9	49269	0.051	0.015	0.05	2.71	5				
22.9	30.5	49270	0.051	0.014	0.05	2.53	5				
30.5	38.1	49271	0.057	0.020	0.09	2.90	5		1		
38.1	45.7	49275	0.115	0.034	0.14	2.96	5		2		

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Drillhole Report

T00-4

Zone	Springer	**Easting**	1598.3	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3633.7	**Logged By**	V. Park
		Elevation	1205.0	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	28.0	BX	Breccia; deep salmon-pink with some grey mottling; mostly monzonitic with phyric and equigranular sections with <10% fragments of differing composition (diorite to monzonite). Salmon-pink rock is intensely pervasively K-altered - several fragments are so altered that they have developed a uniform appearance and crystal boundaries are blurred but identifiable; plagioclase phenocrysts 1-2mm, where preserved, are white and clay (+/-) sericite altered; former biotite altered to brownish mica, sericite or hematite - often with manganese oxide; some fragments with <25% altered biotite > other accessory mafic minerals; manganese oxide tracings and spots on fractures; increasingly sericitic - grey to yellowish, viewed on most surfaces. Weakly magnetitic - fine disseminated crystals, often oxidized - also in fractures. No visible copper minerals or other sulfides. Secondary rock is a dark grey/pink-grey intrusion that has a strange uniform texture (overprint); although grain boundaries are identifiable the rock is more massive and fractures like glass along planes that do not honour crystal boundaries; it appears silicified and kind of dusty/sericitic; locally PPp with plagioclase phenocrysts <1-2mm and some black augite; epidote and chlorite from 22.9 m. Potassic alteration ranges from absent to selective to strongly pervasive. Strongly magnetitic - fine disseminated crystals. Not visibly mineralized.

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	54527	0.132	0.083	0.07	3.68	5		2		
7.6	15.2	54528	0.086	0.041	0.07	4.18	5		2		
15.2	22.9	54529	0.092	0.040	0.05	3.42	4		2		
22.9	30.5	54530	0.252	0.164	0.08	4.98	3		3	mal	
30.5	38.1	54531	0.089	0.056	0.06	4.32	4		3	mal	
38.2	45.7	54532	0.091	0.062	0.11	3.91	4		2		

Drillhole Report

T00-5

Zone	Springer	**Easting**	1706.2	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3484.5	**Logged By**	V. Park
		Elevation	1185.2	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	45.7	BX	Intrusive breccia; mostly deep salmon-pink with increasing amounts of grey/grey-pink; generally monzonitic, equigranular and porphyritic, with minor dioritic phases; <10% magnetitic melanic clasts fragments; igneous textures, always good, improve to end of hole, where equigranular rock is more common; there is a lot of variability throughout, but it isn't possible to break out distinct units. Generally, rock shows intense potassic alteration, decreasing slightly to end of hole, especially after 30.5 m; magnetitic - increases with depth, especially from 22.9 m; trace malachite and possible chrysocolla; rare ultra fine disseminated pyrite after 30.5 m; no visible chalcopyrite. 0.0 - 31.0 m: deep salmon-pink with black speckling and with 5-10% grey fragments - possible volcanic locally, to fine-grained intrusive; excellent igneous textures improve; larger angular fragments near top of hole (to 8.0 m) - rock breaks along planes that don't honour crystal boundaries; dominant rock is monzonite, probably plagioclase porphyry (PPp), but preserved crystals are rare; colour index of 5 to 15, rarely higher - magnetite, biotite and augite +/- hornblende. Intense pervasive potassic alteration - all modal feldspar looks alike and crystals boundaries are blurred; minor chlorite near top of hole; biotite partially altered; minor hematite on fractures. Moderately to strongly magnetitic - increases; magnetite as disseminated crystals, clots, stringers etc. in similar occurrence to biotite. Trace malachite and possible chrysocolla (blue-green) on many fractures to 22.9 m; <1%

Assay Results

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %
0.0	7.6	54539	0.418	0.238	0.14	4.04
7.6	15.2	54540	0.272	0.190	0.09	5.03
15.2	22.9	54541	0.220	0.152	0.09	4.86
22.9	30.5	54501	0.131	0.074	0.06	5.40
30.5	38.1	54502	0.205	0.141	0.08	6.33
38.1	45.7	54503	0.195	0.137	0.07	6.26

Alteration

From	To	K	A	M	cp	py
0.0	7.6	4		2	mal, tr	
7.6	15.2	4		3	mal, c	
15.2	22.9	4		3	mal, c	
22.9	30.5	3		4		
30.5	38.1	3		4		tr
38.1	45.7	3		4		r

Lithology				Assay Results								Alteration			
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
			chalcopyrite, intergrown with magnetite, above 7.6 m; no visible pyrite. Interval contains 5-10% very fine-grained equigranular, magnetitic and occasionally silicified rock; minor hematite after massive hematite locally. 31.0 - 45.7 m: monzonitic; mottled pink, cream, grey and black; slightly increased grain size; equigranular with rare phyric minerals. Potassic alteration remains very strong but is distinctively more selective; secondary propylitic alteration affects <50% rocks - as minor crystalline epidote and epidote-chlorite in fractures; both alteration types often occur together; slightly increased sericite than uphole; most biotite at least partially altered, usually to sericite; oxidized fractures and some pervasive limonitic staining. Strongly magnetitic, as clots, stringers, veinlets etc - creates black speckling - rarely weakly hematitized. Trace disseminated pyrite <<1/4mm; no visible copper minerals. <5-10% strongly magnetitic, melanic rock (as described above) with slightly increased grain size and a more igneous appearance, often with oxidized surfaces; silicified with weak selective K-alteration.												

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Drillhole Report

T00-6

Zone	Springer	**Easting**	1689.5	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3489.6	**Logged By**	V. Park
		Elevation	1185.5	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	45.7	BX	Intrusive breccia; mottled pink, green and grey with black; alteration, colour, grain size and texture widely vary from chip to chip, sample to sample; generally monzonitic with <5% more melanic rocks; equigranular and phyric; igneous textures are very easily discerned. In general, moderate to strong nearly equal potassic and propylitic alterations; intensely magnetitic; trace malachite; rare chalcopyrite and pyrite; OK-looking hole. 0.0 - 22.9 m: strongly mottled; mostly equigranular; K-alteration, selective to locally pervasive occurs with but is more intense than propylitic alteration - increases to end of interval; weakly silicified locally and rare quartz veinlet fragments to 15.2 m; intensely magnetitic with fine magnetite as disseminations, sub-mm stringers, mm-scale clots and in fractures - it's everywhere! - <5% to >50%; <1% malachite and very rare trace chalcopyrite > pyrite on fractures and usually associated with magnetite; oxidation on some fractures persists throughout. 22.9 - 45.7 m: as above, but with slightly stronger propylitic alteration; K-alteration increases to end of hole; clay and sericite are common and rock has a more granular appearance; augite phenocrysts and biotite books <3-4mm; still intensely magnetitic - magnetite as micro stockwork locally; weak silicification: possible structure here?; weak oxidation on several fractures; no visible malachite, chalcopyrite or pyrite.

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	54504	0.189	0.140	0.10	6.14	3		5	mal	
7.6	15.2	54505	0.246	0.179	0.10	5.63	3		5	mal, tr	tr
15.2	22.9	54506	0.175	0.125	0.08	5.13	4		5	mal	
22.9	30.5	54507	0.241	0.176	0.07	5.15	3		4		
30.5	38.1	54508	0.271	0.200	0.12	5.38	3		4		
38.1	45.7	54509	0.365	0.302	0.13	5.43	3		4		

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Drillhole Report

T00-7

Zone	Springer	**Easting**	1719.4	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3469.3	**Logged By**	V. Park
		Elevation	1178.0	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
7.0	13.0	DYKE	Augite porphyry dyke; dark purple/red-grey, aphanitic to fine-grained groundmass with crowded green to black augite phenocrysts <1-2mm. Intensely magnetitic matrix; purple-red hue due to hematitization. Hematitic staining are rare hematite coating on augite; chlorite after augite locally; minor chlorite and epidote on fracture; minor ubiquitous sericite. One ultra fine (<1/10mm) pyrite cube in an augite crystal; no visible copper minerals. Sharp contacts.
13.0	38.5	BX	Breccia; mixed bag of compositions and igneous textures - mostly monzonitic with minor diorite - equigranular and phyric phases; mottle pink and green with grey changing to predominantly pink by 30.0 m; excellent igneous textures - less so with depth; colour index <10 - biotite and magnetite in pinkest rocks; CI <20 in more melanic, silicified phases. 13.0 - 30.0 m: almost equal mixtures of potassic and propylitic alteration with K-spar increasingly abundant; mostly equigranular; strongly magnetitic - blebs, stringers etc.; trace malachite and very, very rare chalcopyrite in magnetitic blebs. 30.0 - 38.5 m: PPp dyke?; intense potassic alteration; minor epidote; abundant sericite; grainy textures; definitely plagioclase phyric; disseminated and stringy magnetite; sericitized biotite; no visible sulfides. Somewhat sharply into:

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	54533	0.295	0.228	0.24	3.90	5		1		
7.6	15.2	54534	0.169	0.117	0.09	5.25	3		5		tr
15.2	22.9	54535	0.296	0.199	0.21	6.37	4		4	tr	
22.9	30.5	54536	0.272	0.193	0.18	5.33	3		4	mal	
30.5	38.1	54537	0.208	0.127	0.07	3.88	4		4		
38.1	45.7	54538	0.101	0.060	0.03	5.03	2		5	mal	

Lithology				Assay Results							Alteration			
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
38.5	45.7	BX	Breccia or plagioclase porphyry (PPg); moistly grey but definitely pink due to selective and weakly pervasive K-alteration; equigranular to definitely porphyritic; excellent igneous textures; almost equal potassic and propylitic alteration; ubiquitous sericite - dusty coating on many surfaces; trace interstitial malachite associated with abundant disseminated and blebby and stringy magnetite; minor oxidation on fractures; >25% magnetite locally; looks slightly more interesting than rest of hole.												
0.0	7.0	BX	Breccia or plagioclase porphyry monzonite (PPp) - no obvious clues; deep salmon-pink; black speckles and green clots; blurred igneous textures - somewhat uniform appearance; <1% to 10% modal biotite, magnetite and augite; white plagioclase phenocrysts <2-3mm are only occasionally seen; manganese oxide on some fractures. Intense [pervasive potassic alteration has created uniformity; rock has a slightly grainy texture; most surfaces coated with yellowish sericite; epidote clots <1/2cm occur within potassic areas; epidote also in fractures; one feldspar crystal altered to roscolite-like mineral; biotite sericitized and/or limonitic; minor limonite and staining on some fractures; manganese oxides on some fractures. weakly magnetitic - <1% ultra fine disseminated crystals and sub-mm clots. No visible copper minerals or sulfides..												

Drillhole Report

T00-8

Zone	Springer	**Easting**	1727.7	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3478.1	**Logged By**	V. Park
		Elevation	1178.4	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	7.0	BX	Breccia; minor overburden; mottled grey and pink; monzonitic - equigranular to plagioclase porphyry; igneous textures preserved; some limonitic fractures; minor augite porphyry. Potassic alteration dominates - intense and pervasive in some fragments, selective in most; many fragments appear silicified - associated with magnetite and blurring original textures; propylitic (mostly epidote) alteration as mm-scale channels and blebs in potassic rock - completely affects <1% rock; minor selective clay alteration of rare plagioclase phenocrysts <1-2mm; ubiquitous sericitization of variably intensity; <2% rock with hematitic staining in groundmass; slightly weathered; manganese oxide on fractures. Strongly magnetitic - ultra fine crystals as clumps and disseminated - usually associated with secondary quartz. Trace ultra fine (<1/10mm) in magnetite clots; any additional sulfides are likely oxidized away.
7.0	13.3	DYKE	Augite porphyry dyke; bleached medium green-grey; intensely altered - occupies fault; incompetent - can be destroyed with minimal pressure from fingernail; unwashed sample was mostly green clay - gouge. Fine-grained groundmass is almost entirely altered to clay and sericite; sucrosic texture; black speckles = biotite; uncrowded augite crystals <1-2mm. Not magnetitic (anymore); not visibly mineralized.

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	54510	0.105	0.076	0.06	5.25	2		4	tr	
7.6	15.2	54511	0.060	0.043	0.05	4.67	2		1		
15.2	22.9	54512	0.332	0.254	0.19	4.91	4		2	mal	
22.9	30.5	54513	0.265	0.191	0.15	4.87	4		2		
30.5	38.1	54514	0.219	0.124	0.11	4.46	4		3	tr	
38.1	45.7	54515	0.298	0.230	0.21	7.32	3		4	mal	

Lithology				Assay Results								Alteration			
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
13.3	38.2	BX	Breccia; deep salmon-pink with grey mottles; original textures blurred to destroyed - rarely well preserved; formerly monzonitic (it's now technically a syenite), like plagioclase porphyry although phenocrysts are very, very rare; better igneous textures after 30.0 m. Intense pervasive K-alteration - combines with hematitic staining, especially above 22.9 m, to create dark colouration; ubiquitous sericite on surfaces; rare epidotic fractures - also with calcite; oxidation strongest above 23.0 m; secondary quartz by 30.0 m; ubiquitous but increasing manganese oxide. Magnetite increases to end of hole; starts out with fine disseminated crystals, to crystals and mm-scale blebs, then into stringers, clots, often associated with secondary quartz. Trace malachite on fractures above 22.9 m; very, very rare visible chalcopyrite cores of magnetite clots. Transitional into:													
38.2	45.7	BX	Breccia?; monzonitic host, but significantly more melanic than above; grey with pink, green, orange, black etc.; very ugly and grungy-looking; poor textures - where preserved, equigranular to feldspar phyric. Variable selective K-alteration; hematitic staining; more oxidized (with strong associated staining) than seen elsewhere in hole; increased propylitic component; some silicification; ubiquitous, often strong, sericite; manganese oxide everywhere. Very strongly magnetitic - invades groundmass - is associated with secondary quartz - often indistinguishable from abundant biotite. Very, very rare malachite. Increased alterations and deeper oxidation suggest that this might be a fault.													

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Drillhole Report

T00-9

Zone	Springer	**Easting**	1746.7	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3484.0	**Logged By**	V. Park
		Elevation	1178.5	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	38.2	BX	Breccia; deep, dark salmon-pink/orange with abundant black speckling; resembles tiger-stripe ice cream; equigranular to feldspar phyric - widely variable; monzonitic (pre-syenite); igneous textures range from excellent to destroyed. Generally: Intense pervasive potassic alteration; pervasive hematitic and limonitic staining and to dark pink-orange colouration; localized clay; minor propylitic minerals; >10% to <70% black speckling - magnetite-biotite-augite-hornblende; trace malachite and chrysocolla on occasional fractures. 0.0 - 8.0 m: intense K-alteration; igneous textures are destroyed but occasionally discernible; rare chips are clearly plagioclase phyric; often breaks into larger fragments with planar surfaces that do not honour grain boundaries; yellow to grey sericite on most surfaces - thicker and more yellowish in some fractures; <50% magnetite > biotite + pyroxene + amphibole as clots and channels in potassic rock; some chips contain only trace mafic minerals; strong hematite/limonite staining; no visible sulfides or copper oxides. 8.0 - 30.6 m: intensely potassic; <70% mafics, mostly magnetite, as stringer, clots, veinlets etc.; magnetite also as disseminated cubes <1/4mm; textures are much more evident - usually equigranular; clay altered plagioclase phenocrysts <1-2mm are also seen; ubiquitous sericite - after biotite and modal feldspar; strong but very localized pervasive argillic alteration; <5% propylitic patches; ubiquitous and often abundant manganese oxide; oxidation and staining remains strong; rare calcite

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	54516	0.453	0.351	0.48	5.95	5		3		
7.6	15.2	54517	0.429	0.264	0.45	9.10	4		4		
15.2	22.9	54518	0.576	0.376	0.64	8.09	4		4	mal, c	
22.9	30.5	54519	0.392	0.242	0.41	8.08	4		2		
30.5	38.1	54520	0.455	0.239	0.15	7.29	4		2	mal, c	
38.1	45.7	54521	0.046	0.027	0.02	4.74	3		1		

Lithology				Assay Results							Alteration				
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
			veinlets; minor localized silicification; trace malachite +/- bluer chrysocolla in occasional fractures. 30.6 - 38.2 m: as 8.0 - 30.6 m, but with noticeably stronger pervasive sericite > clay alteration - creates earthy, bleached, grainy and incompetent appearance; trace malachite; decreasingly magnetitic, but still strongly melanic - mostly biotite.												
38.2	45.7	DYKE	Augite porphyry dyke, as in T00-8 7.0 - 13.3 m; intensely altered - must occupy fault; wet. Dull green-grey; sugary and incompetent - destroyed with pressure from fingernail; clay-rich groundmass with mafic speckling; uncrowded augite phenocrysts. Intensely sericite > clay altered; bleached; fault gouge; rare pin prick hematite after former modal magnetite. Mot magnetitic; no sulfides.												

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Drillhole Report

T00-10

Zone	Springer	**Easting**	1782.8	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3516.0	**Logged By**	V. Park
		Elevation	1183.2	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	15.0	BX	Breccia or plagioclase porphyry monzonite (PPp); deep pink with white to pale pink plagioclase phenocrysts <1mm; excellent textures; pearly to sub-vitreous luster; <5% mafic minerals near surface to >10% near end of interval. Very strong pervasive potassic alteration; only mafics and plagioclase phenocrysts are unaffected; ubiquitous sericite; spotty manganese oxide; weak localized silica; weak to moderate limonite/hematite staining. Weakly magnetitic - fine disseminated crystals <1/4mm. No visible copper minerals.
15.0	38.2	MZ	Monzonite; grey-pink with black and cream; fine to medium grained equigranular with excellent textures that are discernible with unaided eye; locally weakly plagioclase phyric; 10-12% black biotite, occasionally altered on rims; <10% salt-and-pepper dioritic porphyry. Weak to moderate selective potassic alteration - intensifies to contacts; minor oxidation on some fractures; ubiquitous but weak sericitization; limonitic staining increases slightly toward contacts. Weakly magnetitic - fine disseminated crystals <1/4mm; significantly increased magnetite after 30.5 m. No visible copper minerals; no pyrite.

Assay Results

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %
0.0	7.6	54522	0.095	0.056	0.07	3.42
7.6	15.2	54523	0.125	0.085	0.10	3.46
15.2	22.9	54524	0.044	0.018	0.06	4.90
22.9	30.5	54525	0.033	0.013	0.02	4.90
30.5	38.1	54542	0.035	0.015	0.02	5.01
38.1	45.7	54543	0.108	0.067	0.14	4.67

Alteration

From	To	K	A	M	cp	py
0.0	7.6	4		1		
7.6	15.2	3		1		
15.2	22.9	2		1		
22.9	30.5	2		1		
30.5	38.1	2		3		
38.1	45.7	4		2		

Lithology				Assay Results							Alteration				
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
38.2	45.7	BX	Breccia; likely as 0.0 - 15.0 m, but with deep salmon-pink/orange hue and poorly preserved textures. Intense pervasive potassic alteration - combined with hematite and limonite staining to create dark colouration; abundant biotite altered to chlorite (on fractures and in clots), hematite and sericite; minor manganese oxide. Weakly magnetitic; no visible copper minerals or sulfides.												

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Drillhole Report

T00-11

Zone	Springer	**Easting**	1791.4	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3483.2	**Logged By**	V. Park
		Elevation	1179.0	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	15.1	BX	Breccia; deep salmon-pink/orange; monzonitic originally - now syenite; homogeneous appearance with discernible grain boundaries; might once have been plagioclase phyric; CI 5 to 15 - mostly biotite and magnetite - occasionally chloritic. Intense pervasive K-alteration - affects all feldspar - only mafic minerals are unaffected; sericitic dustings on most surfaces - much stronger in some fractures; some biotite altered to sericite; mafics also altered to chlorite; spotty manganese oxide throughout; hematitic staining too; hematite on some fractures. Moderately magnetitic - disseminated crystals <1/4mm and as mm-scale clots and sub-mm clots and stringers; increases with depth. No visible copper minerals or other sulfides.
15.1	22.8	DYKE	Augite porphyry dyke; dark grey with green and pink components; hard and competent; crowded augite phenocrysts <1mm; fine-rained feldspar-rich groundmass shows either greenish propylitic alteration or pink moderate, semi-pervasive K-alteration; oxidized surfaces are common; strongly magnetitic; not mineralized.
22.8	26.7	BX	Breccia, as 0.0 - 15.1 m; deep, dark salmon-pink/orange; uniform textures; intense potassic alteration; weakly magnetitic; most mafics altered out, but magnetitic clots with biotite remain; weak sericite; no visible mineralization.

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	48576	0.244	0.205	0.49	3.64	5		3		
7.6	15.2	48577	0.267	0.197	0.29	5.51	5		4		
15.2	22.9	48578	0.025	0.012	0.01	5.77	1		4		
22.9	30.5	48579	0.202	0.155	0.23	4.34	2		4		
30.5	38.1	48580	0.086	0.058	0.09	4.92	1		4		
38.1	45.7	48581	0.137	0.097	0.10	3.79	3		4		

Lithology				Assay Results								Alteration		
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
26.7	38.0	DYKE	Augite porphyry dyke, as 15.1 - 22.8 m; dark grey/grey-green; aphanitic groundmass with greenish chloritic hue and rarer pinkish potassic hue; hard and competent; crowded black phenocrysts <1-2mm - often coated with hematite; magnetitic groundmass, also locally hematitic; no visible mineralization.												
38.0	45.7	BX	Breccia?; mottled grey and pink - muted, dusty hues; <20% dark salmon-pink fragments; plagioclase porphyry - phenocrysts <1-2mm, white; igneous textures slightly blurred; groundmass shows variable propylitic > potassic alteration, while 20% rocks show intense pervasive potassic alteration; as 0.0 - 15.1 m, except for decreased potassic rock; moderately magnetitic; no visible mineralization.												

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Drillhole Report

T00-12

Zone	Springer	**Easting**	1766.8	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3194.2	**Logged By**	V. Park
		Elevation	1122.4	**Comments**	All wet

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
7.0	45.7	MZ	Monzonite to plagioclase porphyry monzonite (PPp); possible breccia?; medium grey with pink to 15.2 m; deep salmon-pink with grey after 15.2 m; medium-grained (1-2mm) equigranular to definite porphyry (plagioclase phenocrysts <1-3mm); igneous textures are always discernible, although variably preserved. Moderate to intense K-alteration ranges from selective to pervasive; pervasive silicification to 15.2 m; minor epidote fractures and clots to 35.0 m; significantly increased epidote and chlorite (propylitic assemblage) above 15.2 m and from 35.0 m - still slightly less than K-spar; ubiquitous sericite; ultra fine-grained biotite looks blurred - very, very common; stronger oxidation locally. Magnetitic - increases to end of hole; very fine disseminated crystals, clots and stringers; usually associated with sulfides and often with silica, especially in sub-mm fractures/veinlets. 2-7% fresh pyrite in fractures, as stringers, clots - most is easily viewed without microscope; ultra fine (<<1/10mm) disseminated pyrite in siliceous spots and in quartz fractures/veinlets; probably part of alteration assemblage; no visible chalcopyrite or copper oxides. 7.0 - 15.2 m: medium dusty grey; textural variation; >50% fragments appear silicified (although might be k-spar) and with more subtle textures - palest pink in grey with greenish (epidote) hue; remaining rock shows either intense potassic alteration or kspar>epidote alteration (green and pink mottling); abundant interstitial biotite and magnetite, usually in clots; >7% pyrite - as ultra fine disseminations in silicified rock, and as coarser and more obvious clots,

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	49155	0.068	0.045	0.19	4.56	2		1		
7.6	15.2	49156	0.098	0.023	0.22	5.11	3		1		7
15.2	22.9	49157	0.091	0.021	0.20	4.88	4		3		6
22.9	30.5	49158	0.123	0.017	0.30	5.23	4		1		2
30.5	38.1	49159	0.140	0.010	1.23	5.62	4		3		7
38.1	45.7	49160	0.086	0.009	0.48	4.97	4		3		3

Lithology				Assay Results							Alteration				
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
			stringers, fractures etc. in rest of rock; occasional limonitic fractures. 15.2 - 35.0 m: mottled grey and pink; abundant biotite and magnetite, as clots and in fractures; intense K-alteration with minor epidotic clots; <5% with strong epidote; silica fractures; minor calcitic fractures; very selective clay alteration of plagioclase; <6% pyrite, as described above, but mostly in fractures (with quartz and magnetite) and associated with magnetite. 22.9 - 30.5 m: increased oxidation and clay clumps - FAULT. 35.0 - 45.7 m: as 15.2 -30.5 m; increased magnetite; significantly increased propylitic alteration (especially epidote) occurs with intense K-alteration; 3-7% fresh pyrite, as above; no copper minerals.												
0.0	7.0	OB	Overburden, after monzonite; most fragments with silty limonitic coating; mud clots; extremely weathered; minor organics; >50% rock with pervasive limonitic staining; >90% monzonite and plagioclase porphyry (PPp); <5% black volcanic and 5% diorite; rounded quartz pebbles; good igneous textures. Variable alterations include potassic and silicification; abundant manganese oxide; many iron minerals oxidized; limonitic fractures and surfaces; cruddy-looking weathered and oxidized rock. All magnetite and sulfides are oxidized.												

Drillhole Report

T00-13

Zone	Springer	**Easting**	1791.5	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3197.7	**Logged By**	V. Park
		Elevation	1125.1	**Comments**	Wet to 15.2 m

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	8.0	OB	Overburden or extremely weathered bedrock; mixture of monzonite and plagioclase porphyry (PPp); minor organic material; dark pink-orange with minor grey; orange-stained on most surfaces; variable limonitic staining; igneous textures are okay - porphryritic texture improves to lower contact. Very strong pervasive potassic alteration in >80% of rock; ubiquitous, often strong sericite; oxidation is second most prevalent alteration - several fractures with thick red hematite; hematite/limonite after magnetite, pyrite and biotite is common; spotty manganese oxide; rare preserved plagioclase phenocrysts <1-2mm altered to earthy white clay. Magnetite and pyrite, disseminated throughout are oxidized and often unrecognizable - based on presence of abundant sulfides in next intervals.

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	48551	0.061	0.026	0.07	3.95	4		3		
7.6	15.2	48552	0.111	0.012	0.18	5.36	2		2	tr	3
15.2	22.9	48553	0.136	0.018	0.17	5.79	3		2		1
22.9	30.5	48554	0.119	0.016	0.10	5.49	4		2	tr	4
30.5	38.1	48555	0.129	0.026	0.17	5.25	4		2		2
38.1	45.7	48556	0.120	0.016	0.15	5.32	3		2		2

Lithology				Assay Results							Alteration			
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
8.0	45.7	MZ	Monzonite to plagioclase porphyry monzonite (PPp); possible breccia?; very, very similar to T00-12; medium to dark grey with pink to 15.2 m; dark pink and grey after 15.2 m; equigranular to feldspar phyric; excellent igneous textures; black speckling by mafics; very strong to intense potassic alteration; minor argillic alteration; localized silica; add weak propylitic alteration after 30.5 m - mostly chlorite; localized stronger oxidation and limonitic staining; fine magnetite disseminated throughout; <4% pyrite (with very rare chalcopyrite) occurs as interstitial clots and stringers and most commonly in fractures (with si+mt often). 8.0 - 15.2 m: dusty medium-dark grey; monzonitic; <5% augite porphyry dyke fragments; moderate but subtle potassic alteration; ultra fine disseminated magnetite; sub-vitreous; excellent textures; 3-5% pyrite in fractures and as disseminations. 15.2 - 38.0 m: increasingly potassic - intense locally; salmon-pink with black mm-scale biotite and/or magnetite clots and occasional white clay altered plagioclase phenocrysts <1-2mm; <5% dioritic pieces; increasing and locally strong sericite; minor epidote and chlorite from 30.5 m; <4% pyrite, mostly in *fractures; sulfides associated with magnetite +/- silica.* 38.0 - 38.2 m: augite porphyry dyke? - only a few chips present. 38.2 - 45.7 m: as 15.2 - 38.0 m; stronger potassic alteration; increased sericite; weak to moderate limonitic staining; surfaces are felted; disseminated magnetite; <2% pyrite; minor epidote.													

Drillhole Report

T00-14

Zone	Springer	Easting	1756.1	Drilled By	Tercon
Length (m)	45.7	Northing	3258.0	Logged By	V.Park
		Elevation	1126.2	Comments	All wet

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	30.1	BX	Breccia; varying shades of pink, orange, grey; mixed lithology - mostly intrusive - PPp, PPg and MZ with phyric and non-phyric components; strong weathering and oxidation persist to end of interval; extremely wet from surface - some rock fragments might be contamination; many large angular fragments with siltskins and limonitic fractures. Generally, interval shows moderate to strong potassic alteration, strong limonitic staining, strongly magnetitic with ubiquitous disseminated and stringy chalcopyrite and malachite; nice-looking interval. 0.0 - 8.4 m: very strongly weathered; possible overburden; deep salmon-pink/orange plagioclase porphyry monzonite with moderately preserved textures; most surfaces coated with yellowish sericite; large angular fragments. Intense pervasive K-alteration combined with strong limonitic/hematitic staining to create deep colouration; ubiquitous surface sericite; occasionally localized sericitization where feldspar altered to sugary texture; remnant biotite is black to chloritic, occasionally oxidized; plagioclase phenocrysts either altered to k-spar or limonite-stained and partially clay altered; all in all, this rock just looks very strongly weathered; manganese oxide throughout. <5% disseminated magnetite <1/4mm with variable alteration to hematite - often remains as subhedral pseudomorphs; magnetite also as mm-scale clots. <1% sulfides total - possible chalcopyrite, but more resembling pyrite (yellow, anhedral) - occurs as concentrations on fractures (usually with silica) and as disseminated crystals on margins of magnetite clots; not common.

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	49126	0.153	0.084	0.05	4.90	5		2	1	
7.6	15.2	49127	0.133	0.070	0.16	4.98	3		2	1	
15.2	22.9	49128	0.102	0.037	0.09	4.73	2		3	1	
22.9	30.5	49129	0.085	0.042	0.08	4.71	4		4	az, 1	
30.5	38.1	49130	0.104	0.061	0.10	4.78	3		4	mal, a	
38.1	45.7	49131	0.071	0.037	0.07	4.45	4		4	2	

Lithology				Assay Results								Alteration			
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
			8.4 - 30.1 m: plagioclase porphyry monzonite mostly; less weathered than above but with >10% rocks as above (contamination?); improved textures; dark pink with black; sub-vitreous luster. Very strong to intense pervasive potassic alteration; some plagioclase phenocrysts clay altered and limonite stained instead - rarely fresh and white; sericitization very strong locally; several limonitic surfaces; magnetite crystals <1/2mm often altered to hematite; minor patchy chloritization; mixed bag due *to weathering and possible contamination; minor silica* associated with magnetite; occasional sub-mm white quartz veinlets with fine-grained chalcopyrite (or pyrite). Strongly magnetitic - increasing to end of interval; magnetic response decreased due to oxidation; magnetite as disseminated crystals, often hematitic, <1/2mm and as mm-scale clots and in fractures - it's everywhere! <1% total sulfides - looks more like pyrite but is probably chalcopyrite; occurs as sub-mm stringers and as disseminated blebs <1mm and as ultra fine, very subtle disseminated crystals - almost invariably associated with magnetite and some silica; trace malachite and quartz on fractures after 22.9 m; note: in the chips where sulfides are present, the local concentrations exceed 5%.												
30.1	31.0	DYKE	Augite porphyry dyke; dark grey/green-grey; aphanitic groundmass with uncrowded black augite *phenocrysts <1-2mm; strongly magnetitic;* groundmass shows variable chlorite and epidote, as well as subtle hematitic hue; rare coarser pieces.												

Lithology				Assay Results							Alteration				
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
31.0	45.7	BX	Intrusive breccia, much as 0.0 - 30.1 m, especially 8.4 - 30.1 m; mixed pink and grey; mostly plagioclase porphyry; limonitic fractures and staining persist; many strongly potassic and limonitic fragments and minor augite porphyry dyke chips are contamination in a very wet hole; igneous textures are still reasonably well preserved. K-alteration still dominates; minor localized propylitization; selective clay alteration of plagioclase phenocrysts; moderate silica invades fractures and groundmass locally. Strongly magnetitic - fine crystals as clots, fractures, stringers etc. - usually associated with secondary quartz. <1-2% chalcopyrite, in localized concentrations as clots, stringers - often ultra fine and subtle; usually associated with secondary quartz and magnetite; more abundant than above; trace malachite/azurite on fractures. Decent-looking interval.														

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Drillhole Report

T00-15

Zone	Springer	**Easting**	1724.3	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3251.5	**Logged By**	V.Park
		Elevation	1122.7	**Comments**	All wet

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	38.0	MZ	Monzonite; equigranular with some phyric phases; possible breccia?; medium to dark orange; strongly weathered with strong pervasive limonitic staining; igneous textures easily viewed without microscope - grain boundaries accentuated by weathering; earthy to pearly luster; black clots of fuzzy, very fine biotite; hematite and limonite on many surfaces. Moderate to strong pervasive potassic alteration - overprinted with orange staining; moderate clay and sericite alteration - creaks bleached look; hematite *after magnetite and sulfides; occasional mm-scale* quartz veinlets - chloritic selvages. Abundant fine (<1/4mm) magnetite disseminated and in fractures - often coated with or completely replace with hematite. Pyrite, rarely fresh and in localized concentrations >5%, usually as limonitic/hematitic pseudomorphs - especially in fractures. 0.0 - 7.6 m: all surfaces with limonitic siltskins; *crumbly.* 0.0 - 15.2 m: strong bleaching; some augite phenocrysts in monzonite 15.2 - 22.9 m: first occurrence of fresh pyrite in concentrations exceeding 10% locally; <1% augite porphyry dyke; minor chlorite. 22.9 - 30.5 m: decreased biotite; increased disseminated magnetite, slightly less oxidized; cloudy quartz veinlets <1/2cm; increased unoxidized rock - *usually with disseminated pyrite.* 30.5 - 38.0 m: increased oxidation on fractures; increased limonitic staining; decreased fresh rock with fresh sulfides.

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	49132	0.142	0.078	0.10	4.77	3		3		
7.6	15.2	49133	0.083	0.037	0.10	4.58	3		3		
15.2	22.9	49134	0.084	0.040	0.14	4.54	3		3		tr
22.9	30.5	49135	0.106	0.029	0.18	4.24	3		2		1
30.5	38.1	49136	0.087	0.038	0.17	4.67	3		2		tr
38.1	45.7	49137	0.130	0.071	0.19	5.93	3		3		tr

Lithology				Assay Results							Alteration				
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
38.0	38.2	DYKE	Augite porphyry dyke; medium blue-grey to dark grey-black; lighter fragments have grainy												
38.2	45.7	PPp	Plagioclase porphyry monzonite or breccia, as 0.0 - 38.0 m, but with much better plagioclase porphyry with variable clay-altered phenocrysts <1-2mm; potassic alteration is sub-pervasive; sub-cm clots of chlorite +/- epidote within potassic fragments; magnetite as crusty clots and disseminations; localized pervasive limonitic staining and several limonitic fractures; some fragments show very strong argillic alteration (bleached and soft) and sericitization (grainy and soft); all-in-all, still a very weathered-looking rock - due to proximity to fault to south?; rare partially fresh pyrite.													

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Drillhole Report

T00-16

Zone	Springer	**Easting**	1656.2	**Drilled By**	Tercon
Length (m)	13.7	**Northing**	3239.8	**Logged By**	V.Park
		Elevation	1113.7	**Comments**	All wet; abandoned

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	13.7	BX	Breccia; extremely weathered; multi-coloured pink, orange, black, green etc; rounded pebbles to 7.6 m = overburden; 95% monzonite/plagioclase porphyry with 5% black, fine-grained intrusive fragments; excellent original textures; most rock with some degree of pervasive limonitic staining on some fractures. Intense pervasive potassic alteration - along with limonitic staining, creates deep salmon-pink hue; *ubiquitous, often strong sericitization; minor selective* clay alteration of plagioclase crystals/phenocrysts; hematitic fractures. Strongly magnetitic - abundant disseminated and clotty crystals <1/2mm, occasionally hematitic. No visible sulfides. <5% melanic rock is fine-grained, equigranular with an intensely magnetitic groundmass and numerous sub-phyric, whitish plagioclase crystals; epidote and chlorite with weak patchy K-alteration. Note: hole abandoned due to bad ground; wet from surface.

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	49138	0.169	0.088	0.16	4.87	4		3		
7.6	13.7	49139	0.185	0.102	0.16	4.38	4		4		

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Drillhole Report

T00-17

Zone	Springer	**Easting**	1614.2	**Drilled By**	Tercon
Length (m)	22.9	**Northing**	3232.3	**Logged By**	V.Park
		Elevation	1107.1	**Comments**	All wet; abandoned

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	22.9	FAULT	Fault; dark green clay with rusty ribbons; all wet; contains very few fragments of varying lithology; hole abandoned. 0.0 - 7.6 m: large (<2 cm retained for chip tray) rounded PPp, deep salmon-pink monzonitic rock, black and white dioritic plagioclase porphyry, modium pink with white PPp to MZ and rare grey chert-like porphyry (dyke?); poor recovery of fine fragments. 7.6 - 15.2 m: mostly dark grey and green-grey micro-porphyry with white feldspar crystals; strong chloritization with localized selective K-alteration; ubiquitous sericite; very, very weakly magnetitic; <1% pyrite in fractures - very localized; trace malachite on <5% fragments with intense k-spar. 15.2 - 22.9 m: significantly increased quantity of coarser (than clay) fragments; 90% orange-yellow monzonitic rock with obscured textures and glassy luster; 10% dark grey PPg as above; pervasive K-alteration; chloritized PPg; weakly magnetitic; oxidation on fractures. Note: abandoned due to bad ground; driller reports almost no recovery; material left on surface is dense dark green clay = gouge.

Assay Results

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %
0.0	7.6	49146	0.031	0.015	0.03	3.61
7.6	15.2	49147	0.022	0.010	0.03	3.68
15.2	22.9	49148	0.036	0.017	0.03	3.74

Alteration

From	To	K	A	M	cp	py
0.0	7.6	2		1		
7.6	15.2	1		1	mal	1
15.2	22.9	3		1		

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Drillhole Report

T00-18

Zone	Springer	**Easting**	1568.3	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3225.9	**Logged By**	V.Park
		Elevation	1098.7	**Comments**	All wet

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	45.7	PPg	*Plagioclase porphyry; mostly grey to salt-and-pepper* with 5-10% deep pink and with weak pink and orange underhue locally; monzonite to diorite; fine-grained equigranular feldspar-rich groundmass with white, anhedral plagioclase phenocrysts 1-2mm, rarely larger; excellent igneous textures; wet from surface. Weak to moderate selective K-alteration - intensity is variable from chip to chip; very minor chlorite and epidote; ubiquitous and locally strong sericite; minor localized clay; 5-10% of rock with very strong pervasive limonitic staining - these larger orange fragments that persist to end of hole are either alteration envelopes around fractures or contamination in a wet hole; manganese oxide. Strongly magnetitic - very fine (<<1/4mm) as disseminated crystals, clots, stringers and in fractures - major component. No visible sulfides; trace malachite on one fracture. 0.0 - 8.0 m: strongest pervasive limonitic staining. 8.0 - 30.6 m: <10% orange-stained fragments. 30.6 - 45.7 m: <2% orange-stained fragments.

Assay Results

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %
0.0	7.6	49140	0.069	0.036	0.04	4.99
7.6	15.2	49141	0.054	0.032	0.03	4.95
15.2	22.9	49142	0.055	0.029	0.07	4.71
22.9	30.5	49143	0.052	0.028	0.04	4.87
30.5	38.1	49144	0.049	0.026	0.05	4.86
38.1	45.7	49145	0.033	0.012	0.02	4.77

Alteration

K	A	M	cp	py
3		4		
2		3		
2		4	mal	
3		4		
2		5		
2		5	mal	

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Drillhole Report

T00-19

Zone	Springer	**Easting**	1733.7	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3172.5	**Logged By**	V. Park
		Elevation	1124.0	**Comments**	Wet from 15.2 m

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	0.0	MZ	Monzonite with plagioclase (PPp) - porphyry becomes stronger to end of hole; mostly pink with black and cream speckling and some orange staining; fine-grained equigranular textures are strongly evident without microscope; wet from 15.2 m. Pervasive K-alteration dominates - more selective but slightly more intense toward end of hole; pervasive limonitic staining and fractures persist; ubiquitous and variable sericite; minor chlorite and epidote. Fine (<1/4mm) disseminated and clotty magnetite - increases; oxidized in some fractures. 1-4% fine (<1/10mm to <1/4mm) disseminated pyrite - occasionally very subtle; often associated with magnetite; oxidized in some fractures; no copper minerals. 0.0 - 10.0 m: weak limonitic staining; rare fresh pyrite - usually oxidized; weak magnetite; grainy and weathered; sericitic surfaces. 10.0 - 23.0 m: <50% of rock with moderate to strong pervasive limonitic staining - noticeably darker orange; earthy limonitic fractures; sericitized biotite; *fresh pyrite forms <5% of several fragments; slightly* more magnetitic than above. 23.0 - 45.7 m: 25 - 50% orange-stained fragments; strongly and increasingly magnetitic; increased modal augite/hornblende>biotite; 1-4% pyrite, locally higher; *much better porphyry with white plagioclase* phenocrysts <1-2mm in pink groundmass; weak propylitic alteration occurring in potassic rocks.

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	49149	0.024	0.010	0.02	4.23	2		1		tr
7.6	15.2	49150	0.038	0.018	0.09	4.62	4		2		tr
15.2	22.9	49151	0.107	0.024	0.16	4.85	3		2		2
22.9	30.5	49152	0.054	0.007	0.16	4.28	3		3		4
30.5	38.1	49153	0.044	0.008	0.08	4.14	3		3		1
38.1	45.7	49154	0.066	0.006	0.21	5.11	3		4		3

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Drillhole Report

T00-20

Zone	Springer	**Easting**	1818.2	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3198.6	**Logged By**	V. Park
		Elevation	1126.9	**Comments**	All wet

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
15.1	15.9	DYKE	Augite porphyry dyke; medium blue-grey, fine-grained feldspar-rich groundmass with black augite phenocrysts <1-2mm; black sub-mm biotite and subtle white plagioclase phenocrysts <1-2mm; magnetitic groundmass; weakly chloritic; localized weak and selective K-alteration; <1% disseminated pyrite <1/2mm, occasionally striated.
0.0	3.8	OB	Overburden; larger earthy fragments with moderate pervasive limonitic staining; intermixed monzonite and plagioclase porphyry (PPp); pink, orange and grey; *wet from surface.* Strong potassic alteration overprinted with staining; abundant sericite - surface weathering. Weakly magnetitic - fine disseminated crystals, *oxidized.* <3% partially oxidized pyrite, usually in fractures but also disseminated and blebby. As next unit, but weathered and oxidized.

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	48557	0.094	0.021	0.16	5.33	3		1		3
7.6	15.2	48558	0.111	0.009	0.17	4.84	2		3		8
15.2	22.9	48559	0.125	0.010	0.21	4.99	3		3		8
22.9	30.5	48560	0.164	0.009	0.30	5.82	3		3		8
30.5	38.1	48561	0.138	0.010	0.26	5.65	3		3		7
38.1	45.7	48562	0.157	0.008	0.35	5.57	2		4		8

Lithology				Assay Results							Alteration			
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
3.8	15.1	PPp	Monzonitic plagioclase porphyry; dominantly equigranular but with enough plagioclase phenocrysts 1-2mm to consider this a porphyry; pink with black, white and grey; excellent textures; fine biotite - weakly sericitic/chloritic. Strong selective to pervasive K-alteration - does not affect plagioclase as strongly, if at all; minor chlorite *after biotite and in fractures; ubiquitous sericite*; <10% rock with moderate pervasive limonitic staining and/or fractures. Weakly to moderately magnetitic - ultra fine (<<1/4mm) disseminated crystals in similar occurrences as biotite. <8% pyrite, fresh to weakly oxidized, in fractures, as disseminated crystals and clots, as stringers and rimming some plagioclase phenocrysts; occasionally associated with magnetite; pyrite is likely part of alteration assemblage and is not associated with mineralization; no chalcopyrite.												
15.9	45.7	PP	Plagioclase porphyry (PPp to PPg) to equigranular monzonite; pink-grey; faint pink hue in greyish rock; 50% rock with moderate to strong pink or orange hue due to potassic alteration and limonitic staining; excellent igneous textures; 50% of rocks are more PPg-like. Ubiquitous but variable K-alteration; while some fragments (the greyer ones) show a very subtle, dusty potassic alteration the rest show strong K-alteration combined with less expansive green (epidote + chlorite) propylitic alteration; propylitic minerals are significantly more abundant than uphole; 5-10% rocks with deep orange staining. Increasingly magnetitic - fine disseminated crystals; unwashed sample was strongly magnetic. <8% pyrite as stringers, clots, fractures - as above - it's everywhere!; usually fresh but also weakly oxidized locally; comprises >25% locally, often in the most epidotic chips - part of alteration assemblage. No copper minerals.												

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Drillhole Report

T00-21

Zone	Springer	**Easting**	1680.0	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3566.9	**Logged By**	V. Park
		Elevation	1197.0	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	25.2	MZ	Monzonite; fine-grained (1mm) equigranular with occasional phyric feldspar; medium pink-grey with black speckles; excellent textures are visible without microscope. Moderate K-alteration; weak pervasive limonitic staining; occasional limonitic/hematitic fractures; minor sericite; fine biotite altered to sericite, chlorite and white powder locally; silicified-looking at lower contact. Moderately magnetitic - fine disseminated crystals. *No visible sulfides.* Sharply into:
25.2	38.9	PPp	Plagioclase porphyry monzonite dyke or possible breccia; deep salmon-pink with fine black speckles (biotite and magnetite) and white plagioclase phenocrysts <1-2mm; phyric texture improves to end of interval; fairly uniform appearance throughout. Intense pervasive K-alteration - destroys original textures; plagioclase phenocrysts, weakly clay altered, are weakly potassic by 30.5 m; minor surface sericite; rare chlorite. Moderately magnetitic - disseminated crystals <1/4mm. No visible sulfides.

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	48563	0.031	0.016	0.06	4.38	3		2		
7.6	15.2	48564	0.051	0.024	0.19	5.05	3		2		
15.2	22.9	48565	0.078	0.048	0.10	5.33	3		1		
22.9	30.5	48566	0.063	0.024	0.06	4.35	5		3		
30.5	38.1	48567	0.051	0.028	0.04	4.27	5		3		
38.1	45.7	48568	0.131	0.058	0.06	5.13	3		4	mal, tr	tr

Lithology				Assay Results							Alteration				
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
38.9	45.7	MZ	Monzonite, as 0.0 - 25.2 m; mixed pink and grey; <40% with intense potassic alteration as 25.2 - 38.9 m, but equigranular (as well as phyric); remaining rock with moderate K-alteration>propylitic alteration - selective - creates pink, green and cream mottling; abundant leafy biotite, less altered; excellent pearly luster; good textures. Strongly magnetitic - fine disseminated crystals; occasional hematitic fractures. One chip with malachite and fresh chalcopyrite on hematite on fracture. Upper contact might not be very distinct.												

Drillhole Report

T00-22

Zone	Springer	**Easting**	1691.4	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3543.6	**Logged By**	V. Park
		Elevation	1198.8	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	22.9	MZ	Monzonite, as T00-21 0.0 - 25.2 m; medium pink with black and cream speckles; excellent equigranular textures; abundant flaky black biotite - variable altered to sericite and/or chlorite. Moderate to very strong pervasive potassic alteration; very, very weak propylitic alteration occurring in potassic rocks; deeper salmon-pink staining (potassic alteration with hematite/limonite staining) near contacts. *Strongly magnetitic - fine disseminated crystals* - oxidized in fractures near surface. No visible sulfides.
22.9	24.8	PPp	Plagioclase porphyry dyke, as T00-21 25.2 - 38.9 m: deep salmon-pink with occasional white plagioclase phenocrysts; uniform and almost textureless. Intense pervasive K-alteration; most surfaces with sericitic dusting - stronger in some fractures. Disseminated magnetite <1/4mm, occasionally magnetitic. Trace malachite on occasional fractures.
24.8	34.3	MZ	Monzonite, as 0.0 - 22.9 m; abundant biotite; weaker k-spar and epidote alteration occur together; excellent textures; faintly grainy; some feldspar altering to bright green mineral (roscolite?); slightly more abundant and larger augite. Strongly magnetitic; not visibly mineralized.

Assay Results

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %
0.0	7.6	49161	0.096	0.065	0.07	4.53
7.6	15.2	49162	0.036	0.013	0.03	4.84
15.2	22.9	49163	0.036	0.020	0.03	4.37
22.9	30.5	49164	0.125	0.094	0.20	4.66
30.5	38.1	49165	0.041	0.026	0.05	5.43
38.1	45.7	49166	0.024	0.013	0.02	6.17

Alteration

K	A	M	cp	py
3		3		
3		3		
3		3		
4		4	mal	
3		4		
1		5		

Lithology				Assay Results							Alteration				
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
34.3	45.7	DYKE	Augite porphyry dyke; dark green-purple fine-grained, feldspar-rich groundmass with black and green augite phenocrysts <2mm; locally aphanitic; strongly magnetitic; subtle greenish hue due to chlorite; stronger purple colour due to hematite (after magnetite) in groundmass; hematite also coats some augite crystals; pink splotches of potassium; ubiquitous sericite; not visible mineralized.												

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Drillhole Report

T00-23

Zone	Springer	**Easting**	1672.5	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3602.1	**Logged By**	V. Park
		Elevation	1197.8	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	11.4	MZ	Monzonite, as in T00-21 and T00-22; medium pink with black speckles; excellent equigranular igneous textures; abundant biotite, variably altered; occasional feldspar altered to bright green mineral - roscolite?. Very strong potassic alteration combined with specks and fractures of epidote; minor sericite; weak limonitic staining; occasional limonitic/hematitic fractures. Abundant (>5%) fine disseminated magnetite. Not visibly mineralized.
11.4	15.3	DYKE	Augite porphyry dyke; dark grey to purple-green; aphanitic to fine-grained magnetitic groundmass; augite phenocrysts <1mm; faint greenish hue due to chloritization; more obvious reddish hue due to hematite after magnetite; very, very localized selective K-alteration; hematite also coats augite crystals; not visibly mineralized.
15.3	24.8	MZ	Monzonite, as 0.0 - 11.4 m but with strong K-alteration; increased sericite; strongly magnetitic and not sulfidic; epidotic fractures.
24.8	36.6	PPp	Plagioclase porphyry dyke, as T00-21 25.2 - 39.8 m and T00-22 22.9 - 24.8 m; dark salmon-pink; uniform homogenous appearance with only rare phyric plagioclase preserved; <2% mafic minerals. Intense K-alteration; minor sericite. <1% disseminated magnetite. No visible sulfides.

Assay Results

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	Alteration K	A	M	cp	py
0.0	7.6	49167	0.059	0.028	0.08	5.42	4		5		
7.6	15.2	49168	0.041	0.024	0.05	5.08	2		5		
15.2	22.9	49169	0.058	0.034	0.08	4.91	4		4		
22.9	30.5	49170	0.035	0.014	0.06	2.64	5		1		
30.5	38.1	49171	0.041	0.016	0.03	6.11	2		4		
38.1	45.7	49172	0.054	0.029	0.06	4.68	3		4		

Lithology				Assay Results							Alteration			
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
36.6	45.7	MZ	Monzonite, as 0.0 - 11.4 m and 15.3 - 24.8 m; pink-grey with black and cream; rare phyric plagioclase; excellent igneous textures; abundant crappy fine-grained biotite; increased colour index. Strong pervasive to selective K-alteration; weakly propylitic also; grungier-looking than above. Strongly magnetitic. No visible mineralization.												

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Drillhole Report

T00-24

Zone	Springer	**Easting**	1656.7	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3624.9	**Logged By**	V. Park
		Elevation	1199.1	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	13.3	BX	*Breccia; plagioclase porphyry monzonite; deep* salmon-pink; uniform homogenous appearance; original igneous textures are barely discernible; micro-breccia texture indicated by epidote- and magnetite-filled cracks and rare sub-mm chips of soft green chloritic material; black/green stockwork/breccia gives rock a tiger-stripe appearance; pearly luster. Intense pervasive potassic alteration - destroys all original mineralogy and textures; crystalline epidote and/or magnetite in many fractures (= breccia cement?); minor spotty manganese oxide on some fractures. Very strongly magnetitic - magnetite in stringers/clots to form stockwork/breccia cement; also as fine disseminated crystals; occasionally hematitic. No visible copper minerals. Sharply into:

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	49173	0.141	0.095	0.19	4.43	5		4		
7.6	15.2	49174	0.213	0.146	0.28	5.57	4		4		
15.2	22.9	49175	0.142	0.094	0.12	5.27	3		5		
22.9	30.5	48582	0.199	0.128	0.20	5.92	3		5		
30.5	38.1	48583	0.101	0.046	0.18	4.80	3		5		
38.1	45.7	48584	0.064	0.020	0.13	4.58	3		5	tr	

Lithology				Assay Results								Alteration		
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
13.3	45.7	MZ	Monzonite with local PPp; dominantly equigranular with strongly plagioclase phyric sections; is probably breccia but there aren't any obvious clues; speckly pink, green, grey and black; fine-grained - <1-2mm; excellent igneous textures; abundant biotite decreases to end of hole. Selective to pervasive K-alteration occurs with propylitic alteration to 30.5 m where it becomes strongly dominant - creates pink, green, cream mottling; biotite is increasingly sericitic. Strongly magnetitic - fine (<1/4mm) disseminated crystals and occasional clots and stringers - intensifies with depth. No visible copper minerals or other sulfides except for trace chalcopyrite in magnetite after 38.1 m. 13.3 - 30.5 m: lighter greenish-orange pink; weak to moderate pervasive limonitic staining; increased propylitic alteration compared to below; <5% very localized silicification; one chip of augite porphyry dyke. 30.5 - 45.7 m: more strongly phyric; white, partially clay altered plagioclase <1-2mm; stronger K-alteration; sub-mm micro stockwork - feldspar (plagioclase?) - very localized; trace ultra fine (<<1/4mm) chalcopyrite flecks in magnetite clots in rare silicified-looking fragments.													

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Drillhole Report

T00-25

Zone	Springer	**Easting**	1604.8	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3679.7	**Logged By**	V. Park
		Elevation	1196.2	**Comments**	Wet to 30.5 m

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	3.8	BX	Breccia, after plagioclase porphyry monzonite (PPp) - much as T00-24 0.0 - 13.3 m; deep salmon-pink (due to intense K-alteration combines with pervasive hematitic staining) with black micro stockwork/breccia of sub-mm magnetite stringers/veinlets; magnetite is also disseminated; most original textures destroyed; no visible sulfides or copper oxides; wet to 30.5 m.
3.8	22.8	MZ	Monzonite, tending toward diorite near end of interval; well preserved fine-grained equigranular textures; pink-grey grading into grey; moderate pervasive limonitic staining to 22.8 m - very weak after; strong K-alteration combined with lesser propylitic alteration - creates ugly, weird green-pink-orange rock; spotty limonite/hematite after all sorts of Fe-bearing minerals. Abundant fine disseminated and blebby magnetite - frequently oxidized on surfaces. *No visible mineralization.*
22.8	23.0	DYKE	Augite porphyry dyke; dark grey; silicified-looking, feldspar-rich groundmass with uncrowded black *augite phenocrysts <1mm and very subtle plagioclase* crystals <1mm; occasional sub-mm calcite veinlets; strongly magnetitic; not mineralized.
23.0	32.0	MZ	Monzonite, as 3.8 - 22.8 m but with significantly decreased potassic alteration and subtly enhances propylitic alteration; greenish with weak to moderate orange staining; decreasing grain size; increased *sericite; strongly magnetitic - fine disseminated* crystals; no visible mineralization; more dioritic.

Assay Results / Alteration

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
0.0	7.6	48976	0.099	0.045	0.11	5.58	4		5		
7.6	15.2	48977	0.084	0.039	0.04	5.88	3		5		
15.2	22.9	48978	0.102	0.054	0.05	5.81	2		5		
22.9	30.5	48979	0.040	0.016	0.02	5.92	1		5		
30.5	38.1	48980	0.175	0.137	0.35	4.41	3		5		
38.1	45.7	48981	0.179	0.118	0.23	5.08	2		5		

Lithology				Assay Results							Alteration				
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
32.0	45.7	BX	Breccia?; mixed lithology and alteration; 70% fine-grained dioritic rock as 23.0 - 32.0 m and 30% k-spar/epidote altered monzonite as 3.8 - 22.8 m and intensely K-altered, dark salmon-pink plagioclase porphyry as 0.0 - 3.8 m; type and intensity of alteration varies from chip to chip; rare cloudy quartz veinlets; strongly magnetitic - disseminated crystals and blebs; no visible mineralization; looks more mucked-up than adjacent unit; poor recovery of coarse fragments.												

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Drillhole Report

T00-26

Zone	Springer	**Easting**	1581.3	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3699.5	**Logged By**	V. Park
		Elevation	1191.1	**Comments**	

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	23.0	BX	Breccia; dark dusty purple/pink-grey; dark orange to 3.8 m; monzonitic; dominantly equigranular with rare phyric feldspar; igneous textures are discernible but strongly blurred due to alterations; weathering persists to end of hole; abundant altered fine-grained biotite - decent flakes by 15.2 m; a lot of variability in alteration from chip to chips/sample to sample; all dry. Very strong pervasive limonitic staining to 3.8 m - weak and localized after; oxidation in fractures persists throughout. *Intense K-alteration decreases to moderate by end* of hole; usually pervasive; when combined with limonitic staining it creates deep orange to salmon-pink colouration. <20% rocks with strong silicification; becomes more widespread to end of interval; secondary quartz is strongly associated with magnetite; moderate sericitization near top of hole steadily increases with increased silica - show a as greyish dusting on most chip surfaces - is this some kind of phyllic zone? Minor epidote>chlorite at center of interval; rare clay; spotty manganese oxide throughout. Very strongly magnetitic; ultra fine crystals, usually in silica invades groundmass and fractures - causes blebs and stringers; good disseminated crystals <1/4mm; as sub-mm stringers/micro breccia/stockwork in orange stained, intensely altered rock to 3.8 m; occasionally oxidized; closely associated with malachite and chalcopyrite, especially in fractures; <2% sub-cm massive magnetite-silica chips, occasionally with malachite. <1% malachite on several fractures, occurring with magnetite, silica, increased K-alteration etc. -

Assay Results

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %
0.0	7.6	48982	1.074	0.946	1.03	5.38
7.6	15.2	48983	0.693	0.546	0.85	5.53
15.2	22.9	48984	0.473	0.392	0.35	6.61
22.9	30.5	48985	0.464	0.288	0.58	6.26
30.5	38.1	48986	0.263	0.135	0.14	5.54
38.1	45.7	48987	0.249	0.104	0.18	7.67

Alteration

From	To	K	A	M	cp	py
0.0	7.6	4		2	mal, tr	tr
7.6	15.2	3		4	mal	
15.2	22.9	3		5	mal, tr	
22.9	30.5	1		5	mal, tr	
30.5	38.1	1		5	tr	
38.1	45.7	1		5	tr	

Lithology				Assay Results							Alteration				
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp	py
			widespread; trace chalcopyrite, very, very fine and subtle, seen as flecks in magnetite blebs and in higher concentrations on si-mt fractures; fairly yummy-looking. 0.0 - 3.8 m: intense oxidation with staining; dark orange/salmon-pink; original textures are barely preserved; black speckling and streaking (to create stockwork/breccia locally) by magnetite; strongly silicified locally - these chips are glassy; more magnetitic and malachitic; hematite dots and fractures are common; moderate sericite; <10% of similar rock occurs below. 3.8 - 23.0 m: dusty pink-grey; better igneous textures but increasingly silicified and sericitic; malachite content decreases and very fine and subtle chalcopyrite is seen in si-mt fractures; increased magnetite - more pervasive. Rather transitional into:													
23.0	45.7	BX	Breccia; monzonite to diorite with minor PPp; macroscopic dusty grey; up close its more a pink-grey; <10% dark pink or orange fragments as 0.0 - 23.0 m, especially 0.0 - 3.8 m; as above but with stronger pervasive silicification and intense magnetite. Weak to moderate, selective to pervasive K-alteration to 38.1 m; weak propylitic alteration added after; 10% chips with intense potassic alteration. *Very strong silica and sericite; most surfaces coated* with dusty grey and sericite and original textures, although good, are overprinted with silica. Minor oxidation persists; manganese oxide. Trace ultra fine (<<1/10mm) chalcopyrite in silica associated with magnetite; trace malachite in oxidized *fragments; decent-looking interval.*													

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Drillhole Report

T00-27

Zone	Springer	**Easting**	1548.2	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3722.2	**Logged By**	V. Park
		Elevation	1186.1	**Comments**	Wet from 22.9 m

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	29.0	BX	Breccia; correlates with T00-26 0.0 - 23..0 m; dark orange to salmon-pink; intermixed monzonite and plagioclase porphyry (PPp); igneous textures improve to end of interval; strongest weathering/oxidation to 8.0 m; wet from 22.9 m. Intense pervasive potassic alteration, especially in porphyritic rock - creates uniform-looking unit with rare mafic minerals; very rare plagioclase phenocrysts and spotty manganese oxide and fine-grained disseminated, hematitic magnetite <1/4mm; k-spar is slightly more selective in monzonitic phase which has a brown-pink to greenish-pink, vitreous to pearly luster. Ubiquitous sericite, stronger in non-phyric rock where it replaces both biotite and feldspar; hematite and manganese oxide on many fractures; orange-stained to cloudy, rounded to angular quartz veinlet fragments <1cm. Very strongly magnetitic; occurs as disseminated crystals. as sub-mm stringers (occasionally parallel sets), as blebs; rare chips are completely magnetitic (with silica); occasionally altered to hematite - decreasingly common. Very rare, tiny specks of malachite on fractures 70 7.6 m; very, very subtle, ultra fine (<<1/10mm) chalcopyrite occurs in fractures and blebs of magnetite (often in secondary quartz) and as delicate disseminations - not visibly common. 0.0 - 8.0 m: earthy soil/silt on surfaces = overburden/weathered bedrock; <5% quartz veinlet fragments with weak orange staining and/or limonitic selvages; abundant manganese oxide and hematite specks; intense limonitic/hematitic staining; trace

Assay Results

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %
0.0	7.6	48988	0.251	0.190	0.13	4.68
7.6	15.2	48989	0.261	0.193	0.06	4.37
15.2	22.9	48990	0.281	0.190	0.12	4.58
22.9	30.5	48991	0.222	0.124	0.08	5.04
30.5	38.1	48992	0.246	0.053	0.09	5.59
38.1	45.7	48993	0.205	0.070	0.12	5.16

Alteration

From	To	K	A	M	cp	py
0.0	7.6	4		4	mal	
7.6	15.2	5		4	tr	
15.2	22.9	4		4	tr	
22.9	30.5	4		4	tr	
30.5	38.1	2		5	mal, tr	
38.1	45.7	2		5	tr	

Lithology				Assay Results								Alteration				
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp		py
			malachite; very strongly magnetitic. 8.0 - 22.9 m: equal phyric and non-phyric rock; minor secondary clay after feldspar and hairline feldspar veinlets; chalcopyrite is slightly easier to see. 22.9 - 29.0 m: mostly salmon-pink PPp with much better textures; white plagioclase phenocrysts <1mm. Rather sharply into:													
29.0	45.7	BX	Breccia; correlates with T00-26 23.0 - 45.7 m: dark dusty grey with <15% dark pink/pink-grey fragments; texturally variable, but dominantly phyric with plagioclase laths <1-2mm; equigranular and aphanitic phases also present; high CI, mostly due to magnetite>biotite+augite; excellent igneous textures; occasional augite porphyry monzonite chips. Up close, rock is colourful pink, grey, black and cream; ubiquitous moderate K-alteration varies from selective to pervasive; mafics and plagioclase crystals are less or unaffected; <15% rock with intense salmon-pink K-alteration as 0.0 - 29.0 m - possible contamination in a wet hole? Minor very localized silicification; moderate to weak sericite, slightly increased locally; minor selective clay alteration of phyric feldspar - stronger in matrix of augite porphyry monzonite. Intensely magnetitic; very fine crystals as interstitial clots and stringers and near-total replacement; strong in fractures locally; magnetite is dominant feature of this entire interval. Trace visible chalcopyrite; very, very fine and subtle; *occasionally associated with and within magnetite*, especially in fractures; higher concentrations locally, but they seem far apart.													

Drillhole Report

T00-28

Zone	Springer	**Easting**	1522.8	**Drilled By**	Tercon
Length (m)	45.7	**Northing**	3741.3	**Logged By**	V. Park
		Elevation	1180.1	**Comments**	Wet from 38.1 m

Depth	Az	Dip	Survey Type
0.0	0	-90	Head Set

Lithology

From	To	LITH	Description
0.0	30.5	BX	*Breccia; correlates with T00-26 0.0 - 29.0 m and T00-27 0.0 - 23.0 m;* deep salmon-pink with minor dusty grey pseudo-mottling; mostly plagioclase porphyry monzonite (only rare phyric feldspar is preserved) with lesser equigranular phases; rather uniform appearance although textures to improve marginally to end of interval. Intense pervasive K-alteration; minor sericite - stronger in weathered rock above 7.6 m; very localized silicification - shows as quartz-rich fragments with orange-red staining; minor chlorite at surface; spotty manganese oxide and hematite specks after magnetite. Strongly magnetitic; disseminated cubes <1/2mm; occasionally oxidized; also as mm-scale blebs and often in fractures; occasional mt-si fragments <1/2cm. <1% malachite on fractures - common through entire interval; trace very, very subtle, ultra fine chalcopyrite occurring within magnetite blebs; rare disseminated chalcopyrite. 0.0 - 7.6 m: 50% grey plagioclase porphyry (PPg); stronger weathering/alteration; minor organics.

Assay Results

From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %
0.0	7.6	48994	0.159	0.075	0.12	4.74
7.6	15.2	48995	0.645	0.553	1.68	3.73
15.2	22.9	48996	0.476	0.348	0.58	4.65
22.9	30.5	48997	0.721	0.614	1.13	4.59
30.5	38.1	48998	0.492	0.112	0.79	5.72
38.1	45.7	48999	0.473	0.217	0.70	5.06

Alteration

From	To	K	A	M	cp	py
0.0	7.6	4		3	mal, tr	
7.6	15.2	5		2	mal	
15.2	22.9	5		4	mal, tr	
22.9	30.5	5		4	mal, tr	
30.5	38.1	2		5	tr	
38.1	45.7	2		5	mal, tr	

Lithology				Assay Results								Alteration				
From	To	LITH	Description	From	To	Tag ID	TCu %	CuNS %	Au gpt	Fe %	K	A	M	cp		py
30.5	45.7	BX	Breccia; correlates with T00-26 29.0 - 45.7 m and T00-27 23.0 - 45.7 m; medium/dark dusty grey/grey-pink; fine-grained equigranular intrusive with equal amounts of distinctly plagioclase phyric phases; diorite to monzonite; abundant fine biotite; excellent textures; high CI due to magnetite >biotite+augite; distinctly different than above; <5% PPp after 38.1 mass 0.0 - 30.5 m - possible contamination in a wet hole?; wet from 38.1 m. Moderate to locally intense selective/semi-pervasive K-alteration; rock has pretty grey, pink, white pattern; very, very weak chlorite occasionally; abundant sericite is seen as dusty greyish coating on all surfaces; rare weakly limonitic fractures. Intensely magnetitic - abundant fine magnetite invades interstices; also occurs in sub-mm stringers and fractures; occasional angular mt-si chips; magnetite is most dominant feature of this interval. Trace visible chalcopyrite and malachite - usually in fractures and rarely disseminated - always associated with magnetite (+/- silica); sulfides are very fine and subtle. Nice-looking hole.														

ASSAY CERTIFICATES

Tag	Cu-tot (%)	Cu-ns (%)	Au (g/t)	Fe-tot (%)	File Name	Posn	comments
49251	0.298	0.243	0.14	4.54	001010c	1	TEST HOLES
49252	0.341	0.247	0.13	5.8	001010c	2	
49253	0.461	0.253	0.23	5.61	001010c	3	
49254	0.38	0.279	0.25	5.34	001010c	4	
49255	0.345	0.23	0.16	5.2	001010c	5	
49256	0.33	0.235	0.15	7.2	001010c	6	
49257	0.242	0.156	0.16	6.19	001010c	7	
49258	0.135	0.064	0.1	3.85	001010c	8	
49259	0.186	0.061	0.08	6.02	001010c	9	
49260	0.123	0.079	0.12	4.11	001010c	10	
49261	0.218	0.143	0.09	4.94	001010c	11	
49262	0.264	0.15	0.11	5.02	001010c	12	
49263	0.274	0.082	0.17	5.82	001010c	13	
49264	0.318	0.133	0.19	6.15	001010c	14	
49265	0.249	0.094	0.19	5.62	001010c	15	
49266	0.358	0.22	0.45	6.45	001010c	16	
49267	0.036	0.013	0.05	2.47	001010c	17	
49268	0.061	0.022	0.05	2.56	001010c	18	
49269	0.051	0.015	0.05	2.71	001010c	19	
49270	0.051	0.014	0.05	2.53	001010c	20	

Tag .	Cu-tot (%)	Cu-ns (%)	Au (g/t)	Fe-tot (%)	File Name	Posn	comments
49271	0.057	0.02	0.09	2.9	001010d	1	TEST HOLES
49275	0.115	0.034	0.14	2.96	001010d	2	
54527	0.132	0.083	0.07	3.68	001010d	3	
54528	0.086	0.041	0.07	4.18	001010d	4	
54529	0.092	0.04	0.05	3.42	001010d	5	
54530	0.252	0.164	0.08	4.98	001010d	6	
54531	0.089	0.056	0.06	4.32	001010d	7	
54532	0.091	0.062	0.11	3.91	001010d	8	

Tag .	Cu-tot (%)	Cu-ns (%)	Au (g/t)	Fe-tot (%)	File Name	Posn	comments
54501	0.131	0.074	0.06	5.4	001012a	1	testholes
54502	0.205	0.141	0.08	6.33	001012a	2	
54503	0.195	0.137	0.07	6.26	001012a	3	
54504	0.189	0.14	0.1	6.14	001012a	4	
54505	0.246	0.179	0.1	5.63	001012a	5	
54506	0.175	0.125	0.08	5.13	001012a	6	
54507	0.241	0.176	0.07	5.15	001012a	7	
54508	0.271	0.2	0.12	5.38	001012a	8	
54509	0.365	0.302	0.13	5.43	001012a	9	
54533	0.295	0.228	0.24	3.9	001012a	10	
54534	0.169	0.117	0.09	5.25	001012a	11	
54535	0.296	0.199	0.21	6.37	001012a	12	
54536	0.272	0.193	0.18	5.33	001012a	13	
54537	0.208	0.127	0.07	3.88	001012a	14	
54538	0.101	0.06	0.03	5.03	001012a	15	
54539	0.418	0.238	0.14	4.04	001012a	16	
54540	0.272	0.19	0.09	5.03	001012a	17	
54541	0.22	0.152	0.09	4.86	001012a	18	

Tag .	Cu-tot (%)	Cu-ns (%)	Au (g/t)	Fe-tot (%)	File Name	Posn	comments
54510	0.105	0.076	0.06	5.25	001016b	1	
54511	0.06	0.043	0.05	4.67	001016b	2	
54512	0.332	0.254	0.19	4.91	001016b	3	
54513	0.265	0.191	0.15	4.87	001016b	4	
54514	0.219	0.124	0.11	4.46	001016b	5	
54515	0.298	0.23	0.21	7.32	001016b	6	
54516	0.453	0.351	0.48	5.95	001016b	7	
54517	0.429	0.264	0.45	9.1	001016b	8	
54518	0.576	0.376	0.64	8.09	001016b	9	
54519	0.392	0.242	0.41	8.08	001016b	10	
54520	0.455	0.239	0.15	7.29	001016b	11	
54521	0.046	0.027	0.02	4.74	001016b	12	
54522	0.095	0.056	0.07	3.42	001016b	13	
54523	0.125	0.085	0.1	3.46	001016b	14	
54524	0.044	0.018	0.06	4.9	001016b	15	
54525	0.033	0.013	0.02	4.9	001016b	16	
48576	0.244	0.205	0.49	3.64	001016b	17	testholes
48577	0.267	0.197	0.29	5.51	001016b	18	
48578	0.025	0.012	0.01	5.77	001016b	19	
48579	0.202	0.155	0.23	4.34	001016b	20	
48580	0.086	0.058	0.09	4.92	001016b	21	
48581	0.137	0.097	0.1	3.79	001016b	22	

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	

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	

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	

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	

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	

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	

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	

Tag .	Cu-tot (%)	Cu-ns (%)	Au (g/t)	Fe-tot (%)	File Name	Posn	comments
48993	0.205	0.07	0.12	5.16	001026b	1	testholes
48994	0.159	0.075	0.12	4.74	001026b	2	
48999	0.473	0.217	0.7	5.06	001026b	3	
49001	0.198	0.094	0.37	5.93	001026b	4	
49002	0.321	0.204	0.45	6.6	001026b	5	
49003	2.059	0.063	2.79	9.12	001026b	6	
49004	0.625	0.03	0.92	6.54	001026b	7	
49005	0.455	0.017	0.64	6.33	001026b	8	
49006	0.35	0.014	0.53	6.18	001026b	9	
49007	0.34	0.018	0.54	6.78	001026b	10	
49008	0.374	0.013	0.56	6.84	001026b	11	
49009	0.374	0.017	0.56	7.65	001026b	12	
49010	0.383	0.017	0.51	7.78	001026b	13	
49011	0.268	0.05	0.55	5.25	001026b	14	
49012	0.227	0.044	0.4	6.28	001026b	15	

Tag .	Cu-tot (%)	Cu-ns (%)	Au (g/t)	Fe-tot (%)	File Name	Posn	comments
49013	0.135	0.087	0.34	6.13	001027c	1	testholes
49014	0.149	0.103	0.48	5.35	001027c	2	
49015	0.125	0.066	0.3	4.41	001027c	3	
49016	0.124	0.032	0.25	4.9	001027c	4	
49017	0.115	0.039	0.21	5.04	001027c	5	
49018	0.071	0.027	0.18	3.68	001027c	6	
49019	0.058	0.022	0.21	3.24	001027c	7	
49020	0.054	0.023	1.22	4.04	001027c	8	
49021	0.061	0.017	0.17	3.98	001027c	9	
49022	0.054	0.017	0.15	3.87	001027c	10	