Hole: MI-23-08

Fr (m)	To (m)	Unit	Description	Alt 1	Alt 2	Alt 3	Alt 4	Description	Vn %	Description	Sx %
0.00	36.00	MWb?	Hole collared in Andesite; by 36 m is a hornblende porphyry								
36.00	194.44		Pale green, predominantly hornblende±feldspar porphyry; appears to transition in/out of an inequigranular feldspar-hornblende granodiorite? Limonite and rare malachite on fracture surfaces near the top of the interval.	Chl	Ep	Carb	Ser	Hornblende->chlorite+pyrite+hematite±epidote; Ubiquitous, moderate to strong chlorite alteration; weak epidote alteration; rare zones of carbonateonate alteration; zones of weak to moderate sericitization, especially between 114-123 m, associated with disseminated pyrite (up to 1%) and clay.	1%	Principally hairline chlorite-pyrite to quartz-pyrite veinlets, mm-scale quartz-molybdenite veinlets, rare quartz-chalcopyrite-pyrite veinlets	0.2% Pyrite overall, replacing mafix minerals or in stringers, but not consistent; locally up to 1%
194.44	214.36		Cream coloured, crowded feldspar porphyry.	Qtz	Ser	Clay		Weak to moderate silicification; trace sericite and clay alteration.	1%	Hairline pyrite±chlorite veinlets.	0.2% Pyrite
214.36		Mpp	Medium green, feldspar-hornblende porphyry.	Chl	Ep			Moderate chlorite and epidote alteration.	2-3%	≤5mm wide quartz-pyrite-hematite-epidote±chalcopyrite veins and veinlets.	0.1% Pyrite (up to 0.3%)

Hole: MI-23-08

Fr (m)	To (m)	Unit	Description	Alt 1	Alt 2	Alt 3	Alt 4	Description	Vn %	Description	Sx %
0.00	24.00	MWb?	Hole collared in Andesite; by 36 m is a hornblende porphyry.								
24.00	36.00	MWb?	Andesite with bleached intervals up to 20cm wide; abundant fractures.	Qtz	Ser	Carb		Patches of weak to moderate bleaching sericite±carbonate alteration up to 20cm wide.	1%	Hairline quartz-sericite±carbonate veinlets.	
36.00	194.44	Otgd?	Pale green, predominantly hornblende±feldspar porphyry; appears to transition in/out of an inequigranular feldspar-hornblende granodiorite? Limonite and rare malachite on fracture surfaces near the top of the interval.	Chl	Ep	Carb	Ser	Hornblende->chlorite+pyrite+hematite±epidote; Ubiquitous, moderate to strong chlorite alteration; weak epidote alteration; rare zones of carbonateonate alteration; zones of weak to moderate sericitization, especially between 114-123 m, associated with disseminated pyrite (up to 1%) and clay.	1%	Principally hairline chlorite-pyrite to quartz-pyrite veinlets, mm-scale quartz-molybdenite veinlets, rare quartz-chalcopyrite-pyrite veinlets.	0.2% Py overall, replacing mafix minerals or in stringers, but not consistent; locally up to 1%
194.44	214.36		Cream coloured, crowded feldspar porphyry.	Qtz	Ser	Clay		Weak to moderate silicification; trace sericite and clay alteration.	1%	Hairline pyrite±chlorite veinlets.	0.2% Py
214.36	256.68	Mpp	Medium green, feldspar-hornblende porphyry.	Chl	Ep			Moderate chlorite and epidote alteration.	2-3%	≤5mm wide quartz-pyrite-hematite-epidote±chalcopyrite veins and veinlets.	0.1% Py (up to 0.3%)
256.68	261.07	Mpp	Light grey breccia with angular to subrounded fragments; dark grey matrix, trace pyrite and sericite present.	Ser				Weak to moderate sericite alteration.			
261.07	286.37	Mpp?	Medium green, feldspar-hornblende porphyry.	Chl	Ep			Moderate chlorite and epidote alteration.	2-3%	≤5mm wide quartz-pyrite-hematite-epidote±chalcopyrite veins and veinlets.	0.1% Py (up to 0.3%)
286.37	287.18	Mpp?	Cream coloured alteration zone in feldspar-hornblende porphyry.	Ser	Chl	Ep		Moderately bleached; weak to moderate sericite-chlorite-epidote alteration.	<1%	Trace chlorite stringers.	2% disseminated Py, trace Po

Fr (m)	To (m)	Unit	Description	Alt 1	Alt 2	Alt 3	Alt 4	Description	Vn %	Description	Sx %
287.18	298.81	Mpp?	Medium green, feldspar-hornblende porphyry.	Chl	Ep	Ser		Weak, moderately pervasive chlorite+epidote alteration; fine-grained sericite± pyrite replacement of hornblende phenocrysts.	1%	Predominately quartz±carbonate±hematite stringers and rare quartz-carbonate-pyrite veinlets.	1% Py overall, replacing mafic minerals and in stringers, locally up to 5%; trace Po and Cpy
298.81	300.05	Mpp?	Pale grey coloured alteration and fault zone in feldspar-hornblende porphyry.	Clay	Ser	Chl	Ep	Moderately bleached with locally strong white clay aleration in rubbly fault zones; weak to moderate sericite-chlorite-epidote alteration of phenocrysts.	<1%	Rare sericite+clay stringers.	0.5% disseminated Py
300.05	321.00	Mpp?	Medium green, feldspar-hornblende porphyry.	Chl	Ep	Ser		Weak, moderately pervasive chlorite+epidote alteration; fine-grained sericite± pyrite repidotelacement of hornblende phenocrysts.	1%	Predominately quartz±carbonate±hematite stringers and rare quartz-carbonate-pyrite veinlets.	1% Py overall, replacing mafic minerals and in stringers, locally up to 5%; trace Po and Cpy

Hole: MI-23-08

Drill Hole	From (m)	To (m)	Secondary Structure Type	Attitude	Quantity	Description
MI-23-08		4.1	Veinlet	50	1	2mm wide grey opaque quartz-carbonate veinlet with fine-grained pyrite at centre.
MI-23-08	6.62	6.7	Vein	35	1	1cm wide quartz-pyrite vein with pyrite concentrated at centre, pyrite appears patchy along vein.
MI-23-08	8.5	0.8	Fault			Rubble zone; subangular fragments with oxidized faces; patches of malachite on some fragments.
MI-23-08	11.79	11.84	Veinlet	Parallel TCA	1	1mm wide pyrite veinlet, weakly anastomosing parallel TCA.
MI-23-08	11.91	12.26	Stringer	15	2	Quartz-pyrite stringers spaced 14cm apart .
MI-23-08	20.18	20.24	Stringer	45	1	Quartz-carbonate hairline stringer with trace pyrite.
MI-23-08	20.92	21	Veinlet	30	1	2mm wide light grey-white carbonate-quartz veinlet with trace pyrite and molybdenite(?).
MI-23-08	23.15	23.38	Veinlet	15	1	Upto 5mm wide grey quartz-carbonate veinlet with few patches pyrite along veinlet.
MI-23-08	26.02	26.07	Stringer	45	1	Quartz-carbonate-pyrite hairline stringer.
MI-23-08	26.41	26.57	Veinlet	35	1	1mm wide quartz-carbonate-pyrite veinlet.
MI-23-08	32.16	33.68	Veinlet	Parallel TCA	1	Braided quartz-carbonate veinlet that appears to brecciate the rock; trace pyrite and malachite.
MI-23-08	34.88	34.98	Veinlet	35	1	1mm wide quartz-carbonate veinlet, with chlorite(?).
MI-23-08	40.15	41.18	Fault			Rubble zome comprised of angular and crumbly fragments, oxidized faces and trace pyrite.
MI-23-08	44.79	44.89	Vein	45	1	1 cm wide whiteish grey quartz-carbonate-pyrite vein with pyrite concentrated at the centre; trace molybdenite on margin of vein.
MI-23-08	45.62	45.67	Veinlet	30	1	1mm wide translucent grey quartz veinlet, trace molybdenite (?).
MI-23-08	47.84	47.91	Stringer	40	2	Quartz-carbonate-pyrite stringers.
MI-23-08	50.36	50.43	Vein	55	1	1cm wide dark grey quartz-carbonate-pyrite vein with trace molybdenite and chalcopyrite; pyrite concentrated at centre; 2 veinlets diverge from vein, both containing pyrite.
MI-23-08	52.12	52.13	Stringer	80	1	Quartz-pyrite stringer.
MI-23-08	51.28	51.33	Veinlet	35	1	2mm wide quartz veinlet with patchy pyrite at centre.
MI-23-08	51.35	31.37	Stringer	75	2	2 dark grey quartz stringers spaced 1.5cm apart containing pyrite.
MI-23-08	56.53	56.56	Veinlet	65	1	1 mm wide dark grey quartz stringer containing patchy pyrite.
MI-23-08	60.73	60.8	Stringer	60	2	2 quartz-carbonate stringers spaced 2 cm apart containing trace pyrite.
MI-23-08	62.63	62.64	Veinlet	80	1	3mm quartz-carbonate veinlet with trace pyrite, chalcopyrite, and hematite.
MI-23-08	65.34	65.49	Veinlet	25	1	2mm wide quartz-carbonate veinlet with trace pyrite and molybdenite.
MI-23-08	69.48	69.5	Veinlet	60	1	5mm wide quartz-pyrite veinlet .
MI-23-08	69.57	69.59	Veinlet	70	1	3mm wide quartz-carbonate veinlet with trace pyrite.
MI-23-08	70	72.49	Rubble Zone			Rubble zone comprised of subangular fragments ranging from 1cm-8cm.
MI-23-08	82.9	83.87	Rubble Zone			Rubble zone comprised of subangular fragments ranging from 1cm-6cm.
MI-23-08	94	94.13	Fault			Brecciated rubble zone comprised of subangular fragments.
MI-23-08	95.06	95.19	Fault			Brecciated rubble zone comprised of subangular fragments.
MI-23-08	96.76	96.81	Veinlet	30	1	1 mm wide quartz-pyrite-carbonate veinlet.
MI-23-08	99.49	100.79	Rubble Zone			Rubble zone comprised of subangular fragments ranging from 1cm-6cm.
MI-23-08	124.52	124.66	Fracture	20	1	Fracture with crumbly pyrite crystals.

Drill Hole	From (m)	To (m)	Secondary Structure Type	Attitude	Quantity	Description
MI-23-08	164.4	164.49	Gouge			~9cm bleached gouge zone.
MI-23-08	174.72	174.8	Stringer	50	2	Two quartz-pyrite stringers cutting towards each other.
MI-23-08	178.44	178.53	Stringer	60	2	Two quartz-pyrite stringers spaced 3cm apart.
MI-23-08	179.69	179.77	Veinlet	15	1	2mm wide quartz-pyrite veinlet with pyrite concentrated at centre.
MI-23-08	179.86	180	Fault			Rubble zone of angular fragments; trace pyrite
MI-23-08	180	180.09	Vein	20	1	1cm wide quartz-pyrite vein; pyrite disseminated along vein.
MI-23-08	186.98	187.04	Veinlet	50	2	Two 1mm wide quartz-pyrite veinlets spaced ~2cm apart; pyrite concentrated in centre.
MI-23-08	188.15	188.16	Veinlet	80	1	1mm wide pyrite veinlet.
MI-23-08	216.09	216.24	Vein	20	1	1cm wide bleached quartz-pyrite (?) vein with clay (?).
MI-23-08	220.65	220.87	Veinlet	15	1	1mm wide quartz-pyrite veinlet; pyrite concentrated at centre; trace hematite along veinlet.
MI-23-08	222.9	223.32	Veinlet		1	1-5mm wide anastomosing quartz-pyrite veinlet with trace hematite and chalcopyrite; attidude is close to parallel TCA; pyrite is restricted to centre of veinlet or it is in patches along veinlet.
MI-23-08	224.94	225.39	Veinlet		1	1-5mm wide anastomosing quartz-pyrite veinlet with trace hematite; attidude is close to parallel TCA; pyrite is restricted to centre of veinlet or it is in patches along veinlet.
MI-23-08	226.39	226.9	Vein	10	1	~2cm wide banded quartz-pyrite vein; pyrite is patchy and distributed through the vein but there are areas where there are long clusters making the vein appear banded; in some areas of the vein, pyrite is concentrated at centre; patches of hematite; trace molybdenite and epidote.
MI-23-08	231.64	231.67	Veinlet	60	2	Two 3-5mm wide quartz-carbonate-pyrite veinlet; pyrite concentrated at centre.
MI-23-08	231.94	231.99	Vein (?)	85	1	Whiteish pink (bleached?) zone, looks like it was crumbly before but solidified again?
MI-23-08	252.25	252.46	Veinlet	|| TCA	1	1-2mm wide braided quartz-carbonate-pyrite veinlet; patchy pyrite; sericite present.
MI-23-08	254.79	254.86	Veinlet	30	1	3mm wide quartz-carbonate-pyrite, pyrite concentrated into patches in centre and margins of veinlet.
MI-23-08	256.12	256.16	Veinlet	60	1	2mm wide quartz-carbonate-pyrite veinlet; patchy pyrite but thins out.
MI-23-08	259.91	159.96	Veinlet	50	1	2mm wide quartz-pyrite veinlet; pyrite is patchy along veinlet.
MI-23-08	262.09	262.13	Veinlet	60	1	3mm wide quartz-carbonate-pyrite veinlet with surrounding light green mineral (ep?).
MI-23-08	266.36	267	Veinlet	10	1	1-5mm wide quartz-pyrite veinlet (changes in width) that becomes braided downhole.
MI-23-08	267	268.16	Gouge (?)			Crumbly zone but rock is still consolidated; minor pyrite in some areas; same colour as surrounding rock.
MI-23-08	274.39	274.68	Rubble Zone			Rubble zone comprised of angular fragments ranging from 1cm-5cm.
MI-23-08	279.14	279.5	Gouge			37cm gouge zone; light grey; crumbly, some of core is still consolidated.
MI-23-08	298.81	300.05	Gouge/Rubble Zone			Rubble zone of angular fragments; trace pyrite; some core still consolidated and with gouge zones (faulting?).
MI-23-08	300	300.09	Veinlet	25	1	Banded quartz-carbonate veinlet; carbonate appears to be meandering.
MI-23-08	302.28	302.33	Veinlet	50	1	5mm wide quartz-pyrite veinlet; 2 pyrite stringers along veinlet towards the margins.
MI-23-08	303.43	303.49	Veinlet	25	1	4mm wide quartz-carbonate veinlet; infrequent pyrite patches along veinlet.

Drill Hole	From (m)	To (m)	Secondary Structure Type	Attitude	Quantity	Description
MI-23-08	312.06	312.08	Vein	80	1	1cm wide quartz-carbonate vein with patches of pyrite concentrated at centre.