

## DIAMOND DRILL HOLE - LITHOLOGY FILE

Hole ID	From	To	(m)	Core Rec	Colour	Char	ctba	Litho (main composition)	Summary Litho	Other Lithogies
MDDH1	0	10.1	10.1	4.5		fo	=55-60o @ 8.7m	potfls-qz-amph-bt	fo grt	
MDDH1	10.1	11.1	1	0.9		weak fo		potfls-qz-bt-chl-mgt-ep	grt	
MDDH1	11.1	11.6	0.5	0.5		fo,part wea	=65-70o	grt	fo grt	
MDDH1	11.6	11.9	0.3	0.3				scap	scap rock	
MDDH1	11.9	13.6	1.7	1.7		ba	av 70o tca	qz-fls-pyx-gnt-mgt	ba hfls	
MDDH1	13.6	15.5	1.9					grt	grt	
MDDH1	15.5	15.7	0.2					breccia zone	breccia	
MDDH1	15.7	18.2	2.5					grt	grt	
MDDH1	18.2	21	2.8			ba	50o tca @19.5m; 55o	pyx-fls-gnt-ep	pyx hfls	
MDDH1	21	22.9	1.9			ba		gnt-qz-bt; pyx-fls-gnt	ba hfls & pegm	
MDDH1	22.9	23.9	5.1			ba		pyx-amph-andr-qz-ca	ba hfls	
MDDH1	23.9	24.8			dk	ba	50-60o tca	amph-pyx-qz-ca-py-mo-schee	ba hfls	
MDDH1	24.8	28				ba		pyx-amph-andr-qz-ca	ba hfls	
MDDH1	28	37.3				ba	45-50o tca	andr-pyx-ep-carb; pyx-gnt-ep-q	ba hfls	
MDDH1	37.3	37.7	0.4			ba	50o @ 37.5m	amph-mgt-pyx-qz-ep-gnt	amph-mgt skn	
MDDH1	37.7	38.5	0.7			ba		amph-mgt-pyx-qz-ep-gnt	amph-mgt skn	
MDDH1	38.5	39.7	1.3			ba	45o @ 39m	amph-mgt-pyx-qz-ep-gnt	amph-mgt skn	
MDDH1	39.7	40.1	0.4				40o tca @ 40m		amph-mgt skn	
MDDH1	40.1	43.8	3.7			ba	50o tca @ 41+42m	amph-mgt-qz-scap-pyx-andr-ep	amph-mgt skn	
MDDH1	43.7	44.1	0.3		dk	ba	55o @ 44m		ba hfls	
MDDH1	44.1	44.4	0.3						grt-pegm	
MDDH1	44.4	44.8	0.4						ba hfls	
MDDH1	44.8	45.6	0.8			layered	57o tca @ 45m	pyx-amph-mgt-qz-ep-andr-carb	pyx hfls	
MDDH1	45.6	60.8	15.2				40-60o tca	amph-mgt-qz-andr-carb-pyx	amph-mgt skn	
MDDH1	60.8	61.3	0.5					pyx-mgt-qz-ca-andr	pyx-mgt hfls	
MDDH1	61.3	62.4	1.1			fo	=28o tca @ 63m	chl amph-qa scap	skn	
MDDH1	62.4	63.6	1.2			ba	25o tca @ 63m	andr-gross-pyx-fls-ep	gnt hfls	
MDDH1	63.6	63.9	0.3			cg		amph-ep-qz-carb	skn	
MDDH1	63.9	64.3	0.4						gnt hfls	
MDDH1	64.3	70							pyx-gnt hfls	
MDDH1	64.3	70	5.7				40-45o tca; 25o @70m	gnt-pegm int pyx-gnt hfls	pyx-gnt hfls	
MDDH2	0	10.3	10.3	5					wea grt	
MDDH2	10.3	13.2	2.9	2.8		weak ba	40-60o tca		pyx-fls-qz hfls	
MDDH2	13.2	13.4	0.2	0.2					serp pyx in qz-fls mtx	
MDDH2	13.4	18.9	5.5	5.5		weak fo	= 57o tca	fls-qz-bt-mgt(hem)-ba	gy grtd	

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Hole ID	From	To	(m)	Core Rec	Colour	Char	ctba	Litho (main composition)	Summary Litho	Other Lithogies
MDDH2	18.9	21.4	2.5						pyx-fls-qz hfls	
MDDH2	21.4	26.1	4.7						gy grtd	
MDDH2	26.1	28.4	2.3			ba	25o@264m;45-50o@28m		pyx-fls-qz hfls	
MDDH2	28.4	40.7				fo		pyx-fls-qz hfls	fo grt	
MDDH2	32.7	33				fo	=37o tca @ 32.5m		pyx-fls-qz hfls	
MDDH2	33	34							fo grt	
MDDH2	34	34.4				ba	47o @ 34m		pyx-fls-qz hfls	
MDDH2	34.4	35.2							fo grt	
MDDH2	35.2	37.6				ba	60o @ 36.5m		pyx-fls-qz hfls	
MDDH2	37.6	40.7							fo grt	
MDDH2	40.7	41.2	0.5				55o @41.1m		pyx-qz hfls	
MDDH2	41.2	41.6	0.4					amph-pyx-qz-mgt-carb	amph-mgt rock	
MDDH2	41.6	42.3	0.7			ba		ba pyx-qz-andr and gnt-bt	ba hfls	
MDDH2	42.3	42.7	0.4			ba	47-60o tca		amph-mgt rock	
MDDH2	42.7	46.5	3.8					mgt-pyx-qz rock	ba hfls	
MDDH2	46.5	47.6	1.1						mgt-pyx rock	
MDDH2	47.6	48.4	0.8			ba			ba hfls	
MDDH2	48.4	49.9	1.5			ba	60o tca @ 49m		amph-mgt rock	
MDDH2	49.9	50.3	0.4						ba hfls	
MDDH2	50.3	53.1	2.8					amph-mgt rock and ba hfls	amph-mgt rock	
MDDH2	53.1	54.7	1.6			ba	65o tca @ 53.3m		ba hfls	
MDDH2	54.7	55.1						amph-mgt-pyx-qz-scaph-ep	amph-mgt rock	
MDDH2	55.1	55.3				ba	60o tca		ba hfls	
MDDH2	55.3	55.5					60o tca	amph-mgt-pyx-qz-scaph-ep	amph-mgt rock	
MDDH2	55.5	55.7				ba	60o tca		ba hfls	
MDDH2	55.7	56					60o tca	amph-mgt-pyx-qz-scaph-ep	amph-mgt rock	
MDDH2	56	56.4					45o tca		shear zone	
MDDH2	56.4	57					60o tca	amph-mgt-pyx-qz-scaph-ep	amph-mgt rock	
MDDH2	57	57.9	0.9			ba	70o tca		ba hfls	
MDDH2	57.9	63.2	5.3						amph-mgt rock	
MDDH2	59.2	59.5				ba	av 70o tca		ba hfls	
MDDH2	59.5	62.7							amph-mgt rock	
MDDH2	62.7	62.9				ba	av 70o tca		ba hfls	
MDDH2	62.9	63.2							amph-mgt rock	
MDDH2	63.2	64.2	1					interlayered ba hfls & amph-mg	breccia	
MDDH2	64.2	65.2				ba	65o tca @ 65m	gross-ep-pyx-chl ba with pyx-qz ba	ba hfls	

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Hole ID	From	To	(m)	Core Rec	Colour	Char	ctba	Litho (main composition)	Summary Litho	Other Lithogies
MDDH2	65.2	68.6				ba	65o tca		amph-mgt rock	
MDDH2	68.6	70.6				ba		pyx-mgt-scaph-qz	pyx-mgt rock	
MDDH2	70.6	71.4				ba		pyx-andr-qz-amph-mgt-scaph-ep	pyx-gnt hfls	
MDDH2	71.4	72.8				ba	62o tca @ 72m	anhr-carb with pyx-qz-mgt bas	gnt skn	
MDDH2	72.8	74.9						pyx-mgt-qz-carb-scaph-gnt	pyx-mgt rock	
MDDH2	74.9	77.6				ba	60o tca @ 77m	gnt-mgt to gnt with minor carb	gnt skn	
MDDH2	77.6	79.4							amph-mgt rock	
MDDH2	79.4	79.9				brec		massive py; qz; scaph	mass py	
MDDH2	79.9	80.2						mgt-amph-qz-sulp-carb	amph-mgt rock	
MDDH2	80.2	81.4						mass mgt with qz-sulp	mgt skn	
MDDH2	81.4	81.5							mgt-qz rock	
MDDH2	81.5	81.6							mass py	
MDDH2	81.6	83.1				ba	50o tca @ 82m	variable mgt-amph-qz-pyx; some pegm	amph-mgt rock	
MDDH2	83.1	87				ba	av 65o tca	gross-bt-fls-qz ba with pyx-qz-bt-mgt ba	ba hfls	
MDDH3	0	1							wea grt	
MDDH3	1	4							pyx-fls hfls	
MDDH3	4	4.5							skn	
MDDH3	4.5	6.9							gnt hfls	
MDDH3	6.9	7.1							ba hfls	
MDDH3	7.1	8.9							gnt hfls	
MDDH3	8.9	11.6							ba hfls	
MDDH3	11.6	12.8							pyx hfls	
MDDH3	12.8	14.4							gnt hfls	
MDDH3	14.4	17.45							ba hfls	
MDDH3	17.45	21.8							ferr gnt-pyx hfls	
MDDH3	21.8	23							fault breccia	
MDDH3	23	24.8							scaph rock	
MDDH3	24.8	26.7							gnt-pyx hfls	
MDDH3	26.7	27.5							grt	
MDDH3	27.5	35.7							gnt-pyx hfls	
MDDH3	35.7	36.1							skn & grtd	
MDDH3	36.1	38.2							gnt skn	
MDDH3	38.2	42.8							pi grt	
MDDH3	42.8	47.3							breccia	
MDDH3	47.3	59							hfls and grtd	
MDDH3	59	59.1							shear zone	

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MDDH3	59.1	61.05							hfls and grtd	
MDDH3	61.05	61.35							breccia	
MDDH3	61.35	62.3							hfls and grtd	
MDDH4	0	3.1						qz-fls-pyx	wea grt	
MDDH4	3.1	5.9							qz-fls hfls	
MDDH4	5.9	6.75			gy				hfls and grtd	
MDDH4	6.75	9.6							grtd	with scap-amph-ep
MDDH4	9.6	10				fo	45o@9.8m		qz-fls hfls	
MDDH4	10	11							gy grtd	
MDDH4	11	12.4						pyx-qz-fls	pyx-qz-fls hfls	qz-fls
MDDH4	12.4	50.5			pi + gy				grt	
MDDH4	50.5	51.3							pyx-qz-fls hfls	
MDDH4	51.3	53			pi				pi grt	ba ep-pyx hfls
MDDH4	53	55.2				ba	50o@55m	pyx-fls-qz-gnt-py-ep-ca	pyx-fls-qz hfls	
MDDH4	55.2	59.6			pi				pi grt	
MDDH4	59.6	60.2				be	50o@60m	qz-gross-bt/pyx-qz-fls	ba hfls	
MDDH4	60.2	61.3							amph-mgt skn	
MDDH4	61.3	63.1					50o@62m	ep ba hfls	ba hfls/skn	sub mgt-amph skn
MDDH4	63.1	65.8	4.4			ba	50o@65m	gnt-qz-ep/pyx-qz-fls	ba hfls	
MDDH4	65.8	66.1					55o@66m	hem-qz	hem-qz breccia	
MDDH4	66.1	67.5					45o@67.3m	gnt-qz-ep/pyx-qz-fls	ba hfls	
MDDH4	67.5	69	1.5				45o@68m, 45o@69m	amph-mgt-pyx-qz-ep	amph-mgt skn	
MDDH4	69	77.3					60o@73m, 55o@74m, 60o	70% ba hfls	ba hfls	sub amph-mgt skn (30%)
MDDH4	77.3	79.4							core loss	
MDDH4	79.4	85	5.6				67o@80.5m, 60o@82m, 6	amph-mgt	amph-mgt skn	
MDDH4	85	86.1						gnt-bt	ba hfls	pyx-amph-bt
MDDH4	86.1	92.8						mgt-amph-qz-pyx-sulp	amph-mgt skn	gross-scap
MDDH4	92.8	94.8						andr-pyx-qz-ca-mgt	andr hfls	
MDDH4	94.8	95.2						qz-sulp-bt	qzt	
MDDH4	95.2	98.6						andr-qz-mgt-amph-ca-act	andr skn	
MDDH4	98.6	98.9						ca	shear zone	
MDDH4	98.9	100.4						mgt-qz-scap-act-andr-ca	mgt skn	
MDDH4	100.4	101.1			bk-dk gr			amph-pyx-qz-mgt-gnt-py	amph skn	
MDDH4	101.1	102.3						qz-hem-andr	qzt breccia	
MDDH4	102.3	102.8			dk gy-gr			chl-hem-ca-kfls-qz	shear zone	
MDDH4	102.8	106.1					66o@103m, 70o@106m		ba hfls	

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Hole ID	From	To	(m)	Core Rec	Colour	Char	ctba	Litho (main composition)	Summary Litho	Other Lithogies
MDDH4	106.1	107.8	1.7						pegm	
MDDH4	107.8	108.6	0.8						ba hfls	microcl, pegm vns
MDDH4	108.6	110				sheared/brecc		chl-qz-kfls-ca-mgt-sulp	breccia	
MDDH4	110	117.4				ba	70o@114m, 72o@117m	gross-bt-qz/bt-pyx-ep-act-sulp-mgt	ba hfls	gross-qz-bt-fls-mgt-qz-pyx
MDDH5	0	20.5							grt	
MDDH5	20.5	20.7								
MDDH5	20.7	27.3							ba hfls	
MDDH5	27.3	28							shear zone	
MDDH5	28	33.2							ba hfls	
MDDH5	33.2	36.2							gnt hfls	
MDDH5	36.2	36.8							ba hfls	
MDDH5	36.8	37.2							pegm vn hfls	
MDDH5	37.2	38.2							ba hfls	
MDDH5	38.2	48							gnt hfls	
MDDH5	48	49.2							pyx hfls	
MDDH5	49.2	56.3							gnt hfls	
MDDH5	56.3	57.1							mgt skn	
MDDH5	57.1	58.6							pegm	
MDDH5	58.6	59.4							ba hfls	
MDDH6	0	6.7							wea grt	
MDDH6	6.7	8.7							shear zone	
MDDH6	8.7	20							wea grt	
MDDH6	20	22							grt	
MDDH6	22	27.4							pi grt	
MDDH6	27.4	52							grt	
MDDH6	52	53.1							shear zone	
MDDH6	53.1	62							grt	
MDDH6	62	62.75							grtgns	
MDDH6	62.75	68.1							grt	
MDDH6	68.1	71.4							grtgns	
MDDH6	71.4	76.3							grt	
MDDH7	0	10							wea grt	
MDDH7	10	11.8							qz-fls hfls	
MDDH7	11.8	20.9							grt	
MDDH7	20.9	21.2								
MDDH7	21.2	23.8							pyx-gnt hfls	

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Hole ID	From	To	(m)	Core Rec	Colour	Char	ctba	Litho (main composition)	Summary Litho	Other Lithogies
MDDH7	23.8	25.7							andr hfls	
MDDH7	25.7	27.9							pyx hfls	
MDDH7	27.9	30.6							pyx-gnt hfls	
MDDH7	30.6	31.1							pegm	
MDDH7	31.1	36.9							mixed hfls	
MDDH7	36.9	39.5							breccia	
MDDH7	39.5	41.2							mixed hfls	
MDDH7	41.2	41.5							skn	
MDDH7	41.5	58.7							ba hfls	
MDDH7	58.7	62.95							grt	
MDDH8	0	23							grt	
MDDH8	23	23.8							breccia	
MDDH8	23.8	94.6							grt and hfls	
MDDH8	94.6	98.8							pyx-mgt skn	
MDDH8	98.8	102.1							gnt hfls	
MDDH8	102.1	105.5							pyx-mgt skn	
MDDH8	105.5	108.6							breccia	
MDDH8	108.6	109							shear zone	
MDDH8	109	114.1							andr skn	
MDDH8	114.1	115.8							pyx-gross skn	
MDDH8	115.8	117							amph-pyx skn	
MDDH8	117	119.7							gnt skn	
MDDH8	119.7	120.5							pyx-gnt skn	
MDDH8	120.5	125.1							pyx-qz skn	
MDDH8	125.1	125.8							andr skn	
MDDH8	125.8	126.9							pyx-mgt skn	
MDDH8	126.9	128							pyx-mgt skn	
MDDH8	128	129.3							mgt skn	
MDDH8	129.3	130.2							scap-gnt skn	
MDDH8	130.2	131.8							gnt skn	
MDDH8	131.8	133.6							pyx hfls	
MDDH8	133.6	145.6							ba hfls	
MDDH8	145.6	146.2							grtgns	
MDDH8	146.2	147							amph-mgt skn	
MDDH8	147	152.5							grt	
MDDH8	152.5	155.3							grtgns	

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MDDH8	155.3	170.6							gnt hfls	
MDDH8	170.6	173.6							ba hfls	
MDDH8	173.6	181.8							grt	
MDDH8	181.8	184.2							pyx hfls	
MDDH8	184.2	207							grtgns	

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MDDH1	some scap		narrow breccia with minor sheelite 8.9-9.1m
MDDH1	minor scap		
MDDH1	some mgt-scap @ 11.4m		
MDDH1			subsid grt-mgt-bt-qz; minor schee
MDDH1	some scap		
MDDH1			
MDDH1	carb vning		
MDDH1			
MDDH1	minor carb	minor sulp	
MDDH1			
MDDH1	some scap	weak sulp	pyx-rich ba predom over gnt-rich ba
MDDH1		py-mo-schee	schee spots at 24.6m; small vn at 24.6m
MDDH1	some scap	weak sulp	pyx rich ba predom over gnt rich ba
MDDH1	schee vn @ 30m	rare mo-weak mgt	gnt-rich hfls predom over pyx-rich hfls
MDDH1	mod mgt	mod-weak sulp	interlayered amph-mgt skarn with mixed hfls
MDDH1	weak mgt		interlayered amph-mgt skarn with mixed hfls
MDDH1	strong mgt		interlayered amph-mgt skarn with mixed hfls
MDDH1			gradational upper contact
MDDH1			see logs for mgt-sulp; grad dec in pyx-ep with depth
MDDH1			ba hfls to pyx hfls to amph-qz rock to gross-bt hfls
MDDH1			
MDDH1			gross hfls to pyx hfls with depth
MDDH1	weak-mod mgt	weak sulp	layered rock with varying prop of mins
MDDH1			narrow layers of pyx-rich hfls
MDDH1	mod-weak mgt	weak sulp	
MDDH1		weak sulp	
MDDH1		weak sulp	
MDDH1			
MDDH1			two-gnt hfls
MDDH1			F-ca vn in grt @ 69.5m
MDDH1	scap-amph-ep-micro dev		grt-pegm intruded pyx-gnt hfls interlayered with gross-gnt hfls
MDDH2			
MDDH2			accessory mgt-gnt; carb vned @ 11-11.2m
MDDH2			contact altn zone
MDDH2			



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Hole ID	Alteration	Mineralisation	Comment
MDDH2			
MDDH2			accessort andr-ep
MDDH2			
MDDH2			
MDDH2	scap @ 32.6-32.7m		
MDDH2			
MDDH2			
MDDH2			
MDDH2			
MDDH2			
MDDH2			
MDDH2	weak mgt	rare sulp	
MDDH2			
MDDH2	mod mgt	weak sulp	
MDDH2	mod-strong mgt	mod sulp	
MDDH2	mod mgt	mod sulp	
MDDH2	mod mgt	weak sulp	irregular ba
MDDH2			
MDDH2			
MDDH2	weak mgt	weak sulp	
MDDH2		minor mo	minor mo flames 52.0-52.1m
MDDH2		weak-mod sulp	
MDDH2		weak-mod sulp	
MDDH2		weak-mod sulp	
MDDH2		weak-mod sulp	
MDDH2		weak-mod sulp	
MDDH2		weak-mod sulp	cuts core axis @ 45o
MDDH2		weak-mod sulp	
MDDH2			
MDDH2	mod mgt	mod sulp	
MDDH2			
MDDH2			
MDDH2			
MDDH2			
MDDH2	some hem after mgt		quartz veining
MDDH2	chl alt; sheared		

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[illegible]

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Hole ID	Alteration	Mineralisation	Comment
MDDH3			
MDDH3			
MDDH3			
MDDH4			
MDDH4			
MDDH4			
MDDH4			lim-calcrete ba 7.6m and 8.5-8.6m
MDDH4			
MDDH4			
MDDH4			
MDDH4	schee,ba-mgt-py, scap-ep		
MDDH4			qz-ep filled breccia at 51.3
MDDH4	ep		
MDDH4			
MDDH4			
MDDH4	ca-ep vns	tr mo in vns	upper contact gradational
MDDH4	mgt,hem-act	mo-schee	mo 60.2-60.6, good schee 60.6-60.8m
MDDH4	ep ba, mgt-amph, hem vn	sulp-mo-schee	mo in f hem vnlets,
MDDH4			
MDDH4			
MDDH4			
MDDH4	andr-scaph-ca, mgt		
MDDH4	mgt	sulp-schee-tr mo	good scheelite 70.8-70.9m
MDDH4			
MDDH4	mgt	sulp-schee0.5%, mo0.2%	
MDDH4		rare sulp	
MDDH4	mgt, bk hbl-gr act, minor ep	mod sulp-0.5% schee	
MDDH4	weak-mod mgt	sulp-minor mo	4cm mass py 93.3m
MDDH4		mod-str sulp, ccp	grad contacts
MDDH4		sulp, mo-ccp-schee	good scheelite 96.1-97.3
MDDH4			calcite filled shear
MDDH4		good mo	
MDDH4		minor py	bk to dk gr rock
MDDH4	hem-andr		
MDDH4			
MDDH4	(chl)		

## DIAMOND DRILL HOLE - LITHOLOGY FILE

[illegible]

## DIAMOND DRILL HOLE - LITHOLOGY FILE

[illegible]

# DIAMOND DRILL HOLE - LITHOLOGY FILE

Hole ID	Alteration	Mineralisation	Comment
MDDH8			
MDDH8			
MDDH8			
MDDH8			
MDDH8			