

MM SUMMARY LOGS

DDH	From feet	To feet	1979 unit	Re-log	Description
73MM-1	0	113	Mva1	Y	Pyritic sericite-quartz phyllite
	113	223	Mva1	Y	Slightly calcareous, pyritic quartzite
	223	393	CTRcs+Mva1	Y	Biotite-calcite calc-silicate phyllite with lesser interbands of muscovite-chlorite schist
	393	403	Mva1	Y	Slightly calcareous, pyritic quartzite
73MM-2	0	213	Mva1	Y	Pyritic sericite-quartz+-biotite+-garnet+-chlorite phyllite to quartzite
	213	252	Mva2?	Y	Dark green, chlorite-biotite-quartz-garnet phyllite / greenstone
	252	258	Mva1	Y	Pyritic, noncalcareous, muscovite-quartz phyllite
	258	270	uDMs	Y	Carbonaceous quartzite
	270	333	Mps+Mva1	Y	Pale grey quartz-muscovite-chlorite-garnet+-biotite phyllite
	333	402	Mva1	Y	Pale grey quartz-muscovite+-biotite+-chlorite quartzite transitional to phyllite
74MM-1	0	324	SDq	Y	Slightly dolomitic, creamy white quartzite
	324	343	CTRcs?	Y	Biotite-quartz calc-silicate phyllite/schist
	343	349	CTRcs?	Y	Medium grey, slightly pyritic calcite marble
	349	560	CTRcs	Y	Biotite-quartz calc-silicate schist with short carbonaceous intervals
	560	569	CPaub	Y	Dark green chlorite-quartz-muscovite schist; sperpentinized ultramafic transitional to greenstone
	569	597	Mva1	N	Medium grey green, chlorite-muscovite-quartz schist
74MM-2	0	360	SDq	N	Dolomite with lesser calcite interbeds
	360	394		N	Slightly carbonaceous quartzite interbanded with biotite-chlorite schist
	394	441	SDq	N	Silicated dolomitic marble interbanded with siliceous graphitic schist
	441	819	Mps	N	Quartz-feldspar-biotite-chlorite+-garnet schist to granulite, locally graphitic
	*	819	Mva1	N	Quartz-muscovite-chlorite schist with banded pyritic sulphides
	*	855	Mva1 + Mbs	N	Quartz-muscovite-chlorite schist with banded sulphides + Massive pyritic sulphides with barite
		866	Mva1	N	Coarsely crystalline quartz-muscovite-chlorite schist
		961	Mps	N	Banded biotite-quartz-chlorite schist
		1026	Mva1	N	Light grey chloritic quartzite
		1065	Mps	N	Banded biotite-chlorite-quartz schist with some graphitic intervals
76MM-1	0	240	CTRcs	Y	Pale grey muscovite-quartz schist
	240	267	Mps	Y	Biotite-muscovite-chlorite-quartz schist transitional to quartzite - variably carbonaceous
	267	313	Mva1	Y	Noncalcareous, pale silvery green, muscovite-chlorite-quartz-sulphide quartzite
	313	370		Y	Dark brown biotite-quartz-hornblende schist
	370	551	Mps	Y	Brown to grey, biotite-muscovite-chlorite-quartz-garnet schist to quartzite
	551	600	Mva1	Y	Muscovite-quartz quartzite with banded sulphides
76MM-2	0	25	Mva1	Y	Pale grey muscovite-quartz schist
	25	34	Mps	Y	Banded biotite-muscovite-quartz schist
	34	78	Mva1	Y	Pale grey muscovite-quartz schist
	78	82	Mps	Y	Banded biotite-muscovite-quartz schist
	82	102	Mva1	Y	Pale grey, pyritic muscovite-quartz schist
	102	110	Mps	Y	Banded biotite-muscovite-quartz schist
	110	124	Mva1	Y	Pale grey muscovite-quartz schist to quartzite
	*	124	Mbs	Y	Brecciated massive sulphides + barite -calcite
		127	Mva1	Y	Pale grey muscovite-quartz schist
		143		Y	Calcareous, pyritic, baritic quartzite
		145	CTRcs+Mva1	Y	Interbanded pyritic muscovite-quartz schist and biotite-muscovite-quartz calc-silicate schist
	*	294	Mbs	Y	Poorly banded pyritic sulphides
		298	CTRcs+Mva1	Y	Interbanded calcareous biotite-muscovite calc-silicate schist and muscovite-quartz schist
		320		Y	Massive granular barite
		321	Mva1	Y	Pyritic muscovite-quartz-calcite schist
		404		Y	Massive granular barite
		412	Mbs	Y	Massive pyritic sulphides with barite
		430		Y	Massive barite
		433	Mbs	Y	Massive pyritic sulphides
		439	uDMs	Y	Dark grey quartzite with 30-40% sulphide bands
		463	Mbs	Y	Massive pyritic sulphides
		464	Mva2?	Y	Dark brownish green biotite-chlorite-quartz schist
		510	CTRcs	Y	Biotite-muscovite-quartz-calcite schist
		518	CTRcs	Y	Schist with 60-80% sulphides flooding
		529	CTRcs	Y	Calcareous biotite pelite
		548	CTRcs	Y	Calcareous biotite pelite with sulphides
		557	Mva1	Y	Pale greenish grey muscovite-quartz chert or quartzite
	565	Mva2?	Y	Dark green chlorite-quartz schist with sulphide stringers	
	583	CTRcs	Y	Calcareous biotite-muscovite-quartz schist with sulphides	
	595	Mva1	Y	Pale grey muscovite-quartz schist transitional to quartzite	
	620	Mps	Y	Biotite-muscovite schist	
	623	Mva1	Y	Chlorite-muscovite-quartz schist with abundant sulphide bands	
	640	CTRcs+Mva1	Y	Interbanded calcareous biotite schist and pale muscovite-quartz schist - all with sulphide bands	
	806	CTRcs+Mva1	Y	Interbanded biotite calc-silicate schist and pale grey muscovite quartzite	
76MM-3	0	197	Mva1		Light grey quartz-pyrite-sericite schist
	197	427	CTRcs		Dark grey green biotite-chlorite-quartz calc-silicate schist
	427	812	CTRcs+Mva1		Interbanded biotite calc-silicate schist and quartzite Leopard spotted chert 708-720 and 731-742.
	812	927	Mva1		Grey quartz-sericite schist
76MM-4	0	18	Mva1	Y	Rust stained sericite schist
	18	37	CTRcs	Y	Calcareous biotite-muscovite schist
	*	37	Mbs	Y	Massive sulphides - 80% pyrite in baritic matrix with minor disseminated calcite
		42		Y	Massive sugary barite with minor disseminated calcite
		43	Mva1	Y	Pyritic quartz-sericite schist
	*	47	Mbs	Y	Pyrite
		51	Mva1	Y	Calcareous, pyritic, grey chert
	*	57	Mbs	Y	Pyrite with disseminated calcite
		61	Mva1	Y	Grey chert with 1-2% disseminated pyrite
		134	CTRcs	N	Calc-silicate schist

DDH	From met	To feet	1979 unit	Re-log	Description	
76MM-5	0	17	Mps	N	Dark green to grey banded quartz-chlorite-biotite schist	
	17	64	Mva1	N	Light grey chert	
	64	145	CTRCs?	N	Quartz-biotite-chlorite schist with 5% calcite	
	145	152	Mva1?	N	Leopard chert with 30% chlorite and calcite in grey chert matrix	
	152	195	Mps	N	Crudely banded chlorite-biotite-quartz schist	
	195	298	Mva2	N	Quartz-feldspar rock with minor chlorite and biotite	
	298	380	CTRCs?	N	Biotite-chlorite-quartz schist similar to that at 100 feet	
	380	602	Mva1	Y	Quartz-calcite-biotite quartzite/chert	
	602	666	Mps	Y	Thinly banded, noncalcareous, biotite-quartz-garnet+-chlorite schist	
	666	689	Mva2	Y	Dark green chlorite-actinolite-quartz+-garnet+-biotite schist to amphibolite	
	689	700	Mps	Y	Thinly banded, biotite-quartz-garnet-pyrite schist	
76MM-6	0	71	Mps	Y	Noncalcareous biotite-muscovite-chlorite-garnet-quartz schist	
	71	143	CTRCs	Y	Slightly to moderately calcareous biotite-muscovite-garnet-quartz schist	
	143	355	Mva2	Y	Massive, dark brown green, biotite-chlorite meta-andesite	
	355	364	CTRCs	Y	Calcareous biotite-chlorite-quartz schist	
	*	364	Mbs	Y	Sulphide bearing breccia zone	
	372	385	Mva2	Y	Homogeneous, biotite-chlorite schist	
	385	518	Mps	Y	Noncalcareous biotite-muscovite-garnet-chlorite-quartz schist	
	*	518	532	Mbs	Y	Granular barite with disseminated pyrite
	532	557	CTRCs	Y	Calcareous biotite-quartz-muscovite calc-silicate schist	
	557	602	Mva1	Y	Pale grey muscovite-quartz schist to quartzite	
	602	623	CTRCs	Y	Biotite-calcite-muscovite-quartz calc-silicate schist	
	623	676	Mva1+uDMs	Y	Pale grey quartzite and carbonaceous quartzite	
	676	993	CTRCs	Y	Biotite-muscovite-quartz-calcite calc-silicate schist	
993	1048	Mva2	Y	Homogeneous biotite-calc-silicate quartzite		
76MM-7	0	216	CTRCs	Y	Biotite-muscovite-quartz-garnet calc-silicate schist	
	216	562	Mva2	Y	Psammitic biotite-chlorite-quartz schist	
	562	617	Mva2?	Y	Dark green to grey green biotite-chlorite-quartz schist with banded sulphides	
	617	643	Mva1	Y	Light grey muscovite-quartz schist transitional to quartzite	
	643	645	Mbs	Y	Barite + massive pyritic sulphides	
	645	653	Mva1	Y	Pyritic quartzite with 40% pyrite	
	653	656	Mbs	Y	Calcareous massive pyrite	
	656	666	Mva1	Y	Pyritic quartzite with 40% pyrite	
	666	692		Y	Dark green chlorite schist - locally with sulphide bands	
	692	701	Mps	Y	Biotite-muscovite-quartz chert to quartzite	
	701	702	Mbs	Y	Massive granular barite	
	702	707		Y	Dark greenish grey, noncalcareous chert/quartzite with sulphide bands	
	707	714	Mva1	Y	Sericitic muscovite-quartz-chlorite schist	
	714	727		Y	Muscovite-quartz-hornblende schist	
	727	728	Mbs	Y	Massive calcareous pyrite	
	728	741	Mva1	Y	Muscovite-chlorite-quartz-calcite schist with sulphide bands	
	741	746	Mva1	Y	Muscovite-quartz chert/quartzite	
	746	749		Y	Quartz vein	
	749	774	CTRCs	Y	Biotite calc-silicate schist with thin carbonaceous intervals	
	774	808	Mva1	Y	Muscovite-quartz schist to quartzite	
808	828		Y	Biotite-hornblende schist		
828	933	CTRCs	Y	Biotite-hornblende-calcite-muscovite-quartz schist		
77MM-1	0	498	SDq	N	Askin quartzite with minor dykes present	
	498	511	CPaub	N	Serpentinized ultramafic	
	511	1084	Mps	N	Quartz-muscovite-chlorite-garnet+-biotite schist with local sulphide banding	
	1084	1155	Mva1	N	Pyritic felsic volcanic	
	1155	1233	Mva1+Mps	N	Mixed felsic muscovite-chlorite-quartz schist and biotite schist	
	1233	1304	Mva1	N	Rhyolite agglomerate	
	1304	1390	Mva1	N	Fine grained, vaguely schistose quartzite	
	1390	1498	My	N	Massive to vaguely banded rhyolite	
77MM-2	0	230	SDq	N	Askin group quartzite, marble, dolomite	
	230	248	CTRCs	N	Calc-silicate schist	
	248	460	Mps	N	Biotite-quartz-muscovite-chlorite schist, locally graphitic	
	460	503	Mva1	N	Pyritic quartz-chlorite-muscovite quartz-rich schist	
	503	533	Mva2	N	Massive to vaguely banded meta-andesite	
	533	606	Mva1	N	Quartz-biotite-chlorite schist; locally massive	
	606	630	Mva1	N	Pale green volcanic	
	630	823	Mps + uDMs	N	Quartz-biotite-chlorite pelite with graphitic chert interbeds	
	823	853	Mva1	N	Fine-grained felsic schist with rhyolite(?) fragments - agglomerate?	
	853	876	Mps+Mva1	N	Interlayered pelitic and pyritic quartz schist	
	876	900	Mva1	N	Fine grained rhyolite	
	900	920	Mva1	N	Rhyolite agglomerate	
920	1005	Mps	N	Quartz-biotite-muscovite schist		
1005	1268	Mps	N	Pelitic schist with chlorite-quartz-calcite interbeds		
77MM-3	0	205	SDq	N	Askin quartzite	
	205	264	CPaub	N	Ultramafic	
	264	322	CTRCs	N	Calc-silicate schist	
	322	327	CPaub	N	Ultramafic	
	327	571	CTRCs	N	Variably graphitic calc-silicate schist	
	571	801	Mps+Mva1	N	Biotite-chlorite-muscovite-quartz schist with interbeds of pyritic muscovite-chlorite schist	
	801	825	Mva1	N	Muscovite-chlorite-quartz schist with banded sulphides	
	*	825	836	Mbs	N	Massive sulphides
	*	836	877	Mva1	N	Quartz-muscovite-chlorite schist with banded sulphides
	877	923	Mps	N	Biotite-quartz-muscovite pelite	
	923	1015	Mva1	N	Quartz-muscovite+-biotite+-chlorite schist; minor sulphides	
	1015	1087	Mva1+uDMs	N	Pyritic quartz-muscovite-chlorite schist with interbanded variably graphitic quartzite	
	1087	1477	My	N	Very fine-grained quartzite/rhyolite, variably chloritized	
77MM-4	0	428	SDq	N	Askin quartzite	
	428	439	CPaub	N	Ultramafic	
	439	450		N	Breccia zone	
	450	572	CTRCs	N	Calc-silicate schist and marble	
	572	800	Mps	N	Garnet-biotite-muscovite-chlorite schist	
	800	814	Mps	N	Garnetiferous pelitic schist with banded sulphides	
	814	927	Mps	N	Pelite schist with minor banded sulphides	
	927	1100	Mps	N	Biotite-quartz-chlorite-muscovite schist	
	1100	1145	Mva1	N	Rhyolitic agglomerate	