

N.T.S. MAP GRID: _____

LOCATION: _____

DATE COLLARED: _____

DATE COMPLETED: _____

BEARING: _____

LENGTH: 1502

DIP: -90

LATITUDE: _____

DEPARTURE: _____

ELEVATION: _____

PROPERTY: Howards Pass - ANNIV

CORE SIZE: NQ

SCALE OF LOG: 1"=10'

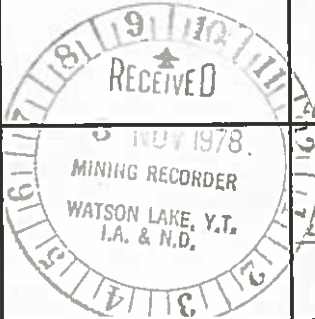
HOLE No.: 1-42

SHEET No.: 1 of 12

LOGGED BY: J. M. M.

DATE: July 22/78

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	A S S A Y					
																		SAMPLE No.	Pb	Zn	Ag	Pb + Zn	Zn/Pb RATIO
										10				TRICONED TO 16'									
										20		Tr py as few grains in clasts and occasion (1/5") 1/4" pod w matrix			22	-							53816
Fe Creek fm - Lt. gray chert clast conglomerate with carbonaceous ms matrix.	1/2	0	2/2+							30				cannot tell if graded etc due to rotation of clasts w/c cleavage	26	98							53817
Fe Cr. conglomerate - 60% clasts - 1/20-1/10" w diam	1/2	0	2/2+							40					33	90							
Fe Cr. conglomerate - same 60-70% clasts 1/20 to 1/10" dia wide 1/20 to 0.7 wch long.	1/2	0	2/2+							50					40	90							53818
Fe Cr. conglomerate - same 70% clasts 1/20-1/2" wide - 1/10-1" long.	1/2	0	2/2+							60					46	95							53819
Fe Cr. conglomerate - same 70% clasts - 1/20-1/2" wide - 1/10-1" long.	1/2	0	2/2+							70					52	95							53820
Fe Cr. conglomerate - same - 1/10-1/2" dia to 1.5" across 61 to 63 carb. mudston.															62	95							
															66	80							
															69	75							53821



ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC	COMPOSITES	ASSAY				
																		SAMPLE No.	Pb	Zn	Ag	Pb + Zn
Box 12 Fe Cr. fm - button unit same as 107 1 to 4 button lam/wch	2	0	2				90	30		210		Tr. py as discont lam assoc with qtz w button lam and locally w pyritic beds up to 1.5" thick		still note occasional graded bed.	216	100						53836
Fe Cr. fm. button unit same as 107 3-4 button lam/wch button lam = discont. light gray siliceous lam.	2	0	2		30 qtz		90	20		220				226-280 note occasional ms bed 1" to 3" thick with no button lam.	226	100						53837
Box 13 Fe Cr. fm button unit same as 107 2-5 discont light grey lam/wch	2	0	2				50	10 x		240					236	100						53838
Fe Cr. fm., button unit same as 107. 2-7 discont light grey lam/wch	2	0	2		10 qtz		60	20		250		Tr. py associated with qtz w some discont. light grey lam.			246	100						53839
Box 14 Fe Cr. fm. - button unit same as 107 2-5 light grey discont. lam/wch	2	0	2				65	10		260					256	95						53840
Fe Cr. fm. button unit same as 107 5-8 discont lt grey lam/wch.	2	0	2							270					266	99						53841
Box 15 Fe Cr. fm. button unit same as 107										280					276	100						53842

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																		SAMPLE No.	Pb	Zn	Ag	Pb + Zn	Zn/Pb RATIO
BSSMS - same as 291 ← ← ←	2	0	2+		qtz		60	20		350 360		Tr. py as dissem grains and locally as discont. beds		356	98			53850					
BSSMS - same as 291 ← ← ←	2	0	2+				55	5		370				366	98			53851					
BSSMS - same as 291 ← ← ←	2	0	2		qtz		80	10		380				377 376 379	95 95 -			53852					
BSSMS - same as 291 ← ← ←	2	0	2				70	20		390				377 376 379	95 95 -			53853					
BSSMS - same as 291 ← ← ←	2	0	2				80	0		400				377 376 379	95 95 -			53854					
BSSMS - same as 291 ← ← ←	2	0	2				80	20		410				400 403 406	80 70 90			53855					
411 BSSMS - Cybllc non-to- slightly calcareous carb. siliceous m.s. with occasional 1st bed. (0 to 3/10 ft). calcite - qtz veins abundant. as is transposi. ← ← ←	2	10	2+		qtz		80	40		420		only few grains dissem. py		411 416	70 95			53856					

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure	FOOTAGE Footage	MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY					
																	SAMPLE No.	Pb	Zn	Ag	Pb + Zn	Zn/Pb RATIO
Box 39 BSSMS - same as 630 706-719 Lst.	2'	0/15	2t				40/60	60	30	700 710	note only a few grains of py.			705 706	75 90		53885					
Box 40 BSSMS - same as 630	1'	0/15	1-		1x cel		RL	60	30	710 720				712 716	95 90		53886					
Box 40 BSSMS - same as 630	2'	25	2		1x cel		25/30 R	50	30	720 730				723 726	90 90		53887					
Box 41 BSSMS - same as 630 731-733 Lst	2'	0	2t		6x cel		15/20	40	10	730 740				731 735 738	90 85 90		53888					
Box 41 BSSMS - same as 630	2'	0	2t		10 cel		LL	40	20	740 750				746	95		53889					
Box 42 BSSMS - same as 630	2'	0	2		0 cel		40/60 RL	40	40	750 760				753	40		53890					
Box 42 BSSMS - same as 630	2'	0	2		0 cel		20/20	55	30	760 770			- Fault plane 70/60/RL	763	95		53891					

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Footage Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY					
																SAMPLE No.	Pb	Zn	Ag	Pb + Zn	Zn/Pb RATIO
Box 47 840 - BSSMS Gy blk to dark gray laminated calcareous ms. - mod carb. Note some blk chert lam.	2	10	2		80 cal 85 cal		90	30	840 850	Tr. py dissem. along bedding		- similar to Bower BSSMS at xy area	846	95		53899					
Box 48 BSSMS - same as 840	2	15	2		17 90 cal		50	30	860				856	95		53900					
Box 48 BSSMS - same as 840 866 1" thick calc. lotite	2	10	2		70 cal		0	70	870				865	100		53901					
Box 48 BSSMS same as 840	2	15	2				60	30	880				876	100		53902					
Box 49 BSSMS - same as 840	2	15	2		10 cal		?	30	890				886	100		53903					
Box 50 BSSMS - same as 840	2	15	2		17 cal 40 60		40	40	900			Bedding is transposed wto cleavage	894 897	100 60		53904					
Box 50 BSSMS - same as 840	2	10	2		17 cal 17 cal		40	40	910							53905					

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Footage Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC	COMPOSITES	ASSAY					
																SAMPLE No.	Pb	Zn	Ag	Pb + Zn	Pb/Zn RATIO
BSSMS - same as 840 910-911 - Lst Note 1 to 3 calcilutite beds (1 to 2" thick/10ft) 910-950	2	10	2		14 ce		70	30	910 920	911 - Tr py as pods associated with carbonaceous or qtz. Note some py also along bedding.		Not bitumen w veins occurring w let	916	100		53906					
BSSMS - same as 840	2	5	2				75	40	920 930			calcilutites show load casts - these are also present wxy area.	926	100		53907					
BSSMS same as 840 937.5 - 941 - Lst	2	10	2		14 ce		75	0	940				936	100		53908					
BSSMS - same as 840	2	5	2				70	20	940 950				946	100		53909					
BSSMS 946 - dk grey to grey blk carb. ms with discont. pyritic lam. approx 1st concretions per 10 to 20 ft.	2	5	2				70	20	950 960	946 Tr to 2% py as small pods and in some cases as disco lam.		Locally this Ex type looks similar to high carbon FMS.	953	98		53910					
BSSMS - same as 946	2	0	2				80	20	960 970				963	100		53911					
BSSMS - same as 946	2	0	2				70	40	970 980				966	98		53912					
BSSMS - same as 946	2	0	2				70	40	980				976	100							

Box 51

Box 52

Box 53

ROCK TYPE AND TEXTURES	Carb. (3)			Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG		SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY					
	Carb. %	Silica - Ind. (3)							Rock Type Structure	Footage							Mineralization Type (6)	SAMPLE No.	Pb	Zn	Ag	Pb + Zn
Intercalated BSSMS and FMS same as 1036	2 1/2	10	2 1/2				40	50		1052			Tr to 1% py as pods.	1056	100		53920					
Intercalated BSSMS & FMS same as 1036	2 1/2	10	2 1/2				60	70		1060				1066	100		53921					
Intercalated BSSMS & FMS. same as 1036	2 1/2	10	2 1/2		70 cal		70	50		1070				1076	95		53922					
1076 Flaggy m.s. - FMS. fm. Lt. grey, slightly dolomit. Inud to siltstone with carb. dark grey clasts	1	0	1				80	50		1080				1086	90		53923					
FMS - same as 1076. 40-50% carb. clasts.	1	0	1			2 1/2	70	40		1090				1095	90		53924					
FMS same as 1076 - 20-25% carb. clasts	1	0	1		40 cal		80	30		1100				1106	100		53925					
FMS - same as 1076 - 20-30% carb. clasts	1	0	1				70	30		1110				1116	100		53926					

Box 59

Box 60

Box 61

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Footage	MINERALIZATION	SULPHIDE	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC	COMPOSITES	ASSAY				
																	SAMPLE No.	Pb	Zn	Ag	Pb + Zn
Box 70 FMS - same as 1076 - 25-40% carb. clasts.	1	0	1				50	50	1260	Tr pyrite occurring as 20.5" py pods or qtz-py pods			note tectonic fold - kink fold with axis 5° to CA.	1266	100					53941	
									1270					1276	100						53942
FMS - same as 1076 - 30-50% carb. clasts	1	0	1				70	70	1280					1284	100						53943
FMS - same as 1076 - 35-55% carb. clasts	1	0	1				70	70	1290				can't be sure if 70° is cleav. or original bedding	1293	90						53944
Box 71 FMS same as 1076 - 20-40% carb. clasts	1	0	1			40 qtz	70	80	1300	Locally note abundant py-calc blebs.			note a" pod of brecciated py wealcite	1303	98						53945
									1310					1312	95						
FMS same as 1076 - 40-60% carb. clasts	1	0	1				50	40	1320					1322	95						53947
Box 72 FMS - same as 1076 - 50-80% carb. clasts	1	0	1/2			qtz	70	50	1330					1332	95						53948
									1340					1342	95						
FMS - same as 1076 - 30-70% carb. clasts	1	0	1				60	60	1350					1352	95						53950

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silico - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY				
																Sample No.	Pb	Zn	Ag	Pb + Zn
1399-1405 - Lt. grey basal Lst.	1	24	1				70		1400											
1405 - Lower cherty MS. LCMS - Gy blk cherty ms. Very monotonous	2	15	2						1410			1405 - Tr. py w veins and pods.	1406	100						53950
LCMS - same as 1405.	2	15	2				80	80	1420			Note gradational contact between Lt. grey basal Lst and LCMS.	1416	90						53951
1419 - 6" concretion									1430			1417 - 2" py pod. w gtz pod.								
LCMS - same as 1405	2	15	2		cal 80		25	80	1430				1426	90						53952
LCMS - same as 1405.	2	20	2		cal 80		85	85	1440				1436	95						53953
LCMS - same as 1405	2	20	2		cal 80		?	?	1450				1445	90						53954
LCMS - same as 1405	2	20	2				80	82	1460				1451	85						53955
LCMS - same as 1405	2	15	2				80	80	1470				1456	85						53955
1460 - 4" Lst conc.	2	15	2				80	80	1470				1464	85						53956
									1470				1470	85						

Box 77

Box 78

Box 79

Box 80

