

LOCATION: 47° 00' N 0+00 E

BEARING: --

ELEVATION: 307.4'

DIP: -10°

HOLE NO. 17

OVERBURDEN: 27.5'

TOTAL LENGTH: 167.0'

CORE RECOVERY: 66.2%

SHEET #1

STARTED June 29, 1952

COMPLETED July 2, 1952

LOGGED BY C. J. Conway and I.

DATE: July 4, 1952

GEOLOGY			Core Recovery				Core Samples						Sludge Samples					
Footage		DESCRIPTION	Footage		Width	Core Length	Sample No.	Footage		Width	Assays			Sample No.	Footage		Width	Assay
From	To		From	To				From	To		Ag-Oz	Pb- %	Zn. %		From	To		
0.0	27.5	Soled cased to 30.0'																
27.5	29.3	Overburden																
27.5	29.3	Argillite-cream colored, dense. No visible banding. A few buttons of brownish quartzite at start of section.	27.5	29.3	1.8	1.5												
29.3	31.5	Quartzite-gray, fine grained.	29.3	31.5	2.2	2.0												
31.5	32.0	At 37.0' banding 15° to core.	31.5	32.0	0.5	0.5												
32.0	33.8	At 38.7' banding 20° to core.	32.0	33.8	4.8	3.0												
33.8	40.3	At 47.0' banding 40° to core	33.8	40.3	3.5	3.0												
40.3	43.0	2" white quartz at 44.5'.	40.3	43.0	2.7	1.7												
43.0	44.5		43.0	44.5	1.5	1.0												
44.5	46.3		44.5	46.3	1.8	1.4												
46.3	48.3		46.3	48.3	2.5	2.1												
48.3	49.8		48.3	49.8	1.0	0.2												
49.8	51.0		49.8	51.0	1.2	0.7												
51.0	52.5		51.0	52.5	1.5	1.0												
52.5	54.0		52.5	54.0	1.5	1.5												
54.0	58.0	Mainly gray quartzite with narrow green argillite at 55° to core. A scattering of fine pyrite on fractured surfaces.	54.0	58.0	4.0	0.5	5176	52.5	58.0	5.5	0.05	trace	trace	5195	48.0	53.0	5.0	
58.0	60.0	Quartzite-gray, fine grained. Broken buttons with weak pyrite and occasional speck of lead. Banding 60° to core.	58.0	60.0	2.0	1.8	5177	58.0	60.0	2.0	0.05	trace	trace	5196	58.0	62.0	5.0	
60.0	65.2	Quartzite-slightly coarser than above section. Vague banding 55° to core. A scattering of lead and zinc particularly in first foot. Mineralization appears to follow thread like fractures that cut the core at various angles.	60.0	61.2	1.2	1.0												
61.2	63.0		61.2	63.0	1.8	0.8												
63.0	65.2		63.0	65.2	2.2	1.5	5178	60.0	65.2	5.2	0.40	0.97	trace	5198	63.0	67.3	4.3	
65.2	68.5	Quartzite-gray, fine grained. Weakly mineralized with pyrite and some lead.	65.2	68.5	1.8	0.4												
68.5	67.5		68.5	67.5	1.0	0.2								5199	67.3	70.0	2.7	
67.5	68.5		67.5	68.5	1.0	0.8	5179	65.2	68.5	3.3	trace	trace	trace					
68.5	71.5	Quartzite-similar to above.	68.5	71.5	3.0	2.0												
71.5	71.9	At 69.5' banding 20° to core.	71.5	71.9	0.4	0.2	5180	68.5	72.8	4.3	trace	0.15	0.30	5200	70.0	74.3	4.3	
71.9	72.8	At 72.0' banding 25° to core.	71.9	72.8	0.9	0.9												
72.8	74.9	Argillite (?) - mineralization has fairly well replaced the rock but a few unreplaced buttons suggest the original	72.8	74.9	2.1	1.5								5303	74.3	79.0	4.7	0.

DIP: _____

CORE RECOVERY: _____

DATE: _____

[illegible]

PROPERTY - McMillan, Yukon Territory

HOLE NO. 17

SHEET #3

LOCATION: _____

STARTED _____

BEARING: _____

OVERBURDEN: _____

COMPLETED: _____

ELEVATION: _____

TOTAL LENGTH: _____

LOGGED BY: _____

DIP: _____

CORE RECOVERY: _____

DATE: _____

GEOLOGY			Core Recovery				Core Samples						Sludge Samples						
Footage			Footage		Width	Core Length	Sample No.	Footage		Width	Assays			Sample No.	Footage		Width	Assays	
From	To	From	To	From				To	Ag-Oz		Pb-%	Zn-%	From		To	Ag-Oz		Pb	
119.5	123.0	section.	119.5	121.0	1.5	0.5	5193	116.0	121.0	5.0	1.35	2.80	5.20	5305	115.0	120.0	5.0		0.
		Ar. illite-broken buttons, creamy col- ored. 4" band of gray quartzite with some mineralization at 121.3' at a 2" band at 122.8'. sanding 80-85° to core.	121.0	123.0	2.0	1.8													
123.0	133.0	mainly cream colored ar. illite with some interbeds of gray quartzite. weak mineralization associated with the quartzite.	123.0	124.6	1.6	1.6	5194	121.0	123.0	2.0	0.30	0.10	2.20	5306	120.0	125.0	5.0	0.	
			124.6	126.2	1.6	0.8								5307	125.0	130.0	5.0	0.	
			126.2	129.3	3.1	3.1													
			129.3	130.5	1.2	0.2													
			130.5	132.2	1.7	1.7													
			132.2	134.5	2.3	1.3													
			134.5	136.0	1.5	1.0													
			136.0	137.5	1.5	1.0													
137.5	159.2	quartzite-fine grained, no banding.	137.5	138.7	1.2	0.4													
			138.7	140.5	1.8	0.3													
			140.5	141.0	0.5	0.3													
			141.0	143.0	2.0	1.1													
143.0	160.3	Ar. illite-gray, buttons.	143.0	145.0	2.0	1.0													
			145.0	146.3	1.3	1.0													
160.3	163.3	quartzite-gray, buttons.	146.3	147.5	1.2	0.4													
			147.5	151.0	3.5	1.2													
163.3	167.0	Ar. illite-gray.	151.0	152.0	1.0	0.3													
			152.0	153.0	1.0	0.1													
		Note: From 92.0-111.0' possible silic- ified limestone zone. The section ef- fervesces slightly in dilute HCl. The section may be calcareous quartzite. quartzite. Possibly same zone as seen in DD/16 from 159.0-173.0'. End of hole.	153.0	154.0	1.0	0.4													
			154.0	156.5	2.5	1.0													
			156.5	158.0	1.5	0.5													
			158.0	159.2	1.2	0.4													
			159.2	160.3	1.1	0.4													
			160.3	161.5	1.2	0.3													
			161.5	162.5	1.0	0.5													
		Length of hole	162.5	163.5	1.0	0.4													
		Cased to	163.5	165.0	1.5	1.0													
			165.0	166.5	1.5	0.5													
		Core recovered	166.5	167.0	0.5	0.3													
		Core Recovery $\frac{90.8}{167.0} \times 100$ - 66.2%																	