JP2 79574 DDH 105-A-10 DD-9

* No samples sent for assay on this hole

Dept. of Northern Affairs and National Resources
Northern Administration Branch
RESOURCES DIVISION
JUL 29 1963
WATSON LAKE, Y.T.
Mining Recorder & Land Agent

091095

Drill Hole Log

COMPANY Francis River Mines PROPERTY Mt. Hundere N-Showing Section No. HOLE No. N-1

Started	Bearing Az.	Lat.	Collar El. 4852.9'	Logged by [illegible] Date JUN 19/63
Completed Jun [illegible] 1963	Angle from Horiz. [illegible]	Dep.	Bottom El.	Remarks Ax Core - dips relative
Driller [illegible]	Length 388'	Location Surface	Level	to horiz. axis of core

Footage From	Footage To	Interval	Recovery ft.	Recovery %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY		
0						Overburden : 0-16'						
10	16					Overburden & Rubble						
16	20	4	[illegible]	[illegible]		16-20' Sp. Gr. = 2.1 16'-30' Slatey Argillite, dip ±65°						
20	30	10	[illegible]	[illegible]		Rust stained, soft, greenish gray - some pyrite dip 20'-30' ±60° Sp. Gr. 2.5						
30	40	10	96	9[illegible]		SAME, dips 50° to 55°, Sp. Gr. 2.5 slightly graphitic, minor pyrite specs - patches of green alteration Lose most of rust stain @ 36'						
40	50	10	96	96		SAME, dips ± 50° Sp. Gr. 2.6 relatively hard - some actinolite, minor blebs of pyrite, graphitic S-planes						

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Drill Hole Log

COMPANY FRANCES RIVER MINES PROPERTY MT. HUNDERE N-Showing Section No. HOLE No. N-1

Started ... 11/63	Bearing 90°	Lat.	Collar El. 4855.0'	Logged by [illegible]	Date JUN 20/63
Completed JUN 22/63	Angle from Horiz. 60°	Dep.	Bottom El.	Remarks Ax-core, dips relative to horiz. axis of core	
Driller T. Conners	Length 388'	Location Surface	Level		

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	Description	Sample No.	From - To	Interval	Assay		
50	60	10	[illegible]	[illegible]		SLATEY ARGILLITE, Dip 55°-60° Sp. Gr. 3.0 hard, specs of pyrite, minor green & rust alteration						
60	70	10	8.5	85		ARGILLITE, finely bedded Dip ± 90° - Sp. Gr. 3.0 minor silicification, some specs of pyrite						
70	80	10	9.2	92		SAME - dips ± 90° to 80° Sp. Gr. 2.7 79'-80' Rusty altered zone						
80	90	10	7	70		SLATEY ARGILLITE - DIP ± 55°/65° Sp. Gr. 2.8 (80'-85') SAME - DIP 65° @ 80', 55° @ 88' Dip: 45° @ 90'; Sp. Gr. 2.8 (85'-90')						
90	100	10	7	70		SLATEY ARGILLITE - Dip ± 50°/60° GRIND 1 Foot @ 92' - Siliceous bands Sp. Gr. 2.7						

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Drill Hole Log

COMPANY FRANCES RIVER MINES PROPERTY Mt. Hundere. – N. Showing Section No. HOLE No. N–1

Started JUNE 17, 1963	Bearing 90° Az	Lat.	Collar El. [illegible]	Logged by B. M. Dudas Date Jun. 21/6
Completed JUN 22/63	Angle from Horiz. 60°	Dep.	Bottom El.	Remarks AX Core; dips relat
Driller T. Connors	Length 388'	Location Surface	Level	to horiz. axis of core.

Footage From	Footage To	Interval	Bearing	Angle	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY		
100						SLATEY ARGILLITE; Dips 45°/55°						
						95'-97' ARKOSE						
						Minor siliceous bands						
	110	10	[illegible]	65		Sp. Gr. 2.7 – 2.8						
110						ARGILLITE: Dips 60°/70°/80°						
						1/8" siliceous bands						
	120	10	5[illegible]	50		Sp. Gr. 2.9						
120						ARGILLITE; Dips 60°/70°						
						1/8" – 1/4" siliceous bands						
						Some rust stain on fractures						
	130	10	6[illegible]	65		Sp. Gr. 2.7						
130						ARGILLITE; Dips 55°/65°						
						Minor siliceous bands						
						Rust stain on fractures						
	140	10	8.5	85		Sp. Gr. 2.7						
140						ARGILLITE; Dips 40°/60°						
						142'-143' mainly calcite and siliceous bands						
	150	10	9.2	90		Sp. Gr. 2.8						

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Drill Hole Log

COMPANY FRANCES RIVER MINES PROPERTY Mt. Hundere : N-Showing Section No. HOLE No. N-1

Started JUNE 17, 1963	Bearing 90° Az.	Lat.	Collar El. 4852.6	Logged by B.M. Dudas Date JUN 21, 1963
Completed JUN 22, 1963	Angle from Horiz. 60°	Dep.	Bottom El.	Remarks AX Core ; dips relative
Driller T. Connors	Length 388'	Location Surface	Level	to horiz. axis of core.

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
150						ARGILLITE — SLATEY Dips 40°/60° Minor siliceous bands				
	160	10	9.0	90		Sp. Gr. 2.8 — 2.5				
160						SLATEY ARGILLITE Dips : 40°/50° Dips 40°/50° 1/8" - 1/4" siliceous bands				
	170	10	7.5	75		Sp. Gr. 2.7				
170						SLATEY ARGILLITE Dips 50°/60° Minor siliceous bands				
	180	10	5.5	55		Sp. Gr. 2.8				
180						SLATEY ARGILLITE Dips : 60°/70° Siliceous bands - minor rust stain.				
	190	10	7.0	70		Sp. Gr. 2.7				
190						SLATEY ARGILLITE Dips 40°/60° Rust stains on fractures 196 - 2 Fault zone - Gouge				
	200	10	4.0	40		Sp. Gr. 2.6				

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Drill Hole Log

COMPANY Frances River Mines PROPERTY Mt Hundere ; N-Showing Section No. HOLE No. N-1

Started Jun. 17 1963	Bearing 90° Az.	Lat.	Collar El. 485.2'	Logged by B.M. Dudas Date Jun. 22/63
Completed Jun 22 1963	Angle from Horiz. 60°	Dep.	Bottom El.	Remarks AX Core ; dips relative
Driller T. Cumers	Length 388'	Location Surface	Level	to horiz. axis of core.

Footage From	Footage To	Interval	Recovery ft.	Recovery %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
200	210	10	[illegible]	[illegible]		Fault Zone 200'-204' Gouge SLATEY ARGILLITE, Dips 50°/60° Minor pyrite - Broken core Sp. Gr. 2.7				
210	220	10	7.0	70		SLATEY ARGILLITE, Dips 60°/70° 210 - 215 Broken core ; Rec'y 40% Rust stain on fractures ; few siliceous bands up to ½" thickness Sp. Gr. 2.7				
220	230	10	7.5	75		SLATEY ARGILLITE Dips 50°/60°/70° Minor pyrite, rust stains on fractures Few broken limestone fragments @ 225' Sp. Gr. 2.7				
230	240	10	7.0	70		SLATEY ARGILLITE Dips ± 60° Rust stains on fractures, few pyrite stringers Sp. Gr. 2.8				
240	250	10	7.5	75		SLATEY ARGILLITE Dips 60°/70° Rust stains on fractures, Minor pyrite Sp. Gr. 2.7				

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Drill Hole Log

COMPANY Frances River Mines PROPERTY Mt. Hundere: N-Showing Section No. HOLE No. N-1

Started Jun 17 1963	Bearing 90° Az.	Lat.	Collar El.	Logged by B. M. Dudas Date Jun 23/63
Completed Jun 22 1963	Angle from Horiz. 60°	Dep.	Bottom El.	Remarks AX-Core; Dips relative to horiz axis of core
Driller T. Connors	Length 388'	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
250						250'-255' broken Slaty Argillite; Sp. Gr. 2.7 Rust stains on fractures Dips: ± 50°				
	260	10	5.5	55		255'-260' skarn - missing 3' core Sp. Gr. 3.0				
260						SLATEY ARGILLITE Dips 70°/80° Some rust stains on fractures, few irregular siliceous bands				
	270	10	9.0	90		Sp. Gr. 2.7				
270						SLATEY ARGILLITE Dips: 60°/70°/80° visible pyrite @ 275', Sand @ 272', 276' & 278'. Rust on fractures				
	280	10	8.5	85		Sp. Gr. 2.6				
280						SLATEY ARGILLITE; Dips 70°/80°/90° irregular siliceous bands few pyrite specs.				
	290	10	9.5	95		Sp. Gr. 2.7				
290						~~SH~~ SLATEY ARGILLITE; Dips 80°/90° Few irregular siliceous bands Minor rust stain on fractures				
	300	10	3.5	35		Sp. Gr. 2.7				

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Drill Hole Log

COMPANY FRANCES RIVER MINES PROPERTY Mt. Hundere - N. Showing Section No. HOLE No. N-1

Started JUN 17 1963	Bearing 90° Az.	Lat.	Collar El.	Logged by B. M. Douglas Date JUN 20/63
Completed JUN 22 1963	Angle from Horiz. 60°	Dep.	Bottom El.	Remarks Ax Core; Dips relative to horiz. axis of core.
Driller T. Connors	Length 388'	Location	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
300	310	10	8.5	85		SLATEY ARGILLITE: Dips 75°/85° Some irregular siliceous & calcite bands 1' Graywacke @ 309' Sp. Gr. 2.7				
310	320	10	9.0	90		SLATEY ARGILLITE: Dips 40°/70° Irregular siliceous bands, few calcite stringers on fractures Sp. Gr. 2.7				
320	330	10	9.5	95		SLATEY ARGILLITE: Dips 40°/60° Minor rust stain on fractures Siliceous zones @ 323' and 327' Sp. Gr. 2.7				
330	340	10	8.5	85		SLATEY ARGILLITE: Dips 5°-70° Few calcite stringers Sp. Gr. 2.7				
340	350	10	9.0	90		SLATE ARGILLITE Sp. Gr. 2.7 Dips irregular Intermittent skarny zones from 342 - 348 Sp. Gr. 2.7				

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Drill Hole Log

COMPANY FRANCES RIVER MINES PROPERTY Mt - Hundred - N - Showing Section No. HOLE No. N-1

Started JUN 17 1963	Bearing 90° Az.	Lat.	Collar El.	Logged by B. M. Dudas Date JUN 25/63
Completed JUN 22, 1963	Angle from Horiz. 60°	Dep.	Bottom El.	Remarks Ax - Core ; Dips relative
Driller T. Conners	Length 388'	Location	Level	to horiz. axis of Core.

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
350						SLATEY ARGILLITE ; Dips ∠ 30° numerous siliceous bands upto 1" wide from 356'-360' Some calcite (As ?) bands w. rust intersection				
	360	10	9.5	95		Sp. Gr. 2.7				
360						SLATEY ARGILLITE ; Dips ∠ 20°/40° Siliceous & calcite bands 360'-363' 4" siliceous band @ 365'				
	370	10	9.5	95		Sp. Gr. 2.7				
370						SLATEY ARGILLITE ; Dips ∠ 20/40° ~~calcareous~~ calcareous sandstone feature @ 378'-378'				
	380	10'	9.0	90		Sp. Gr. 2.7				
380						SLATEY ARGILLITE ; Dips ∠ 20°/40° Minor rust stains on fractures				
	388	8	7.8	85		Sp. Gr. 2.7				
						END OF HOLE @ 388'				
						SUMMARY OF DDH. N-1 : No Ore. Aver. core rec'y 81%				

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SHEET 8 OF 8 SHEETS

~~A03~~ 1963
105-A-10
PJ & JP

Drill Hole Log

091085

COMPANY [illegible] PROPERTY [illegible] Section No. HOLE No. S-1

Started [illegible]	Bearing	Lat.	Collar El. 4673'	Logged by B. M. [illegible] Date [illegible]
Completed [illegible]	Angle from Horiz. – [illegible]	Dep.	Bottom El. 4367'	Remarks AX Core ; dips relative to horiz. axis of core.
Driller [illegible]	Length 306'	Location Surface	Level	

Footage From	Footage To	Interval	[illegible] %	[illegible] %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY % Pb	ASSAY % Zn	ASSAY oz/T Ag
0						0 – 2.5 Massive galena with minor sphalerite	9701	0 – 2.5	2.5	64.7	9.2	9.78
						2.5 – 10 Heavy sphalerite veinlets in SKARN with some galena						
						Sp. Gr. 0 – 2.5 – 6.2 PbS, ZnS						
						Sp. Gr. 2.5 – 10 – 3.5 ZnS, PbS	9702	2.5 – 10.0	7.5	13.0	23.2	3.02
	10	10	[illegible]	[illegible]								
10						10 – 14.5 Sphalerite & galena in SKARN	9703	10.0 – 14.5	4.5	7.1	7.8	1.02
						14.5 – 17.0' Slatey argillite Dips @ 15' ± 60'						
						[illegible] ±05° @ 16' – 17 ± 30° reversal of Dip	9717	14.5 – 20.0	5.5	4.0	6.8	0.58
						[illegible] ARKOSE						
	20	10	10	[illegible]		Sp. Gr. : 10 – 14.5 = 3.5 ; 14.5 – 17 = 3.2 ; 17 – 20 = 3.2						
20						20 – 21 ARKOSE	9718	20.0 – 25.0	5.0	11.1	2.1	0.18
						21 – 23 SLATEY ARGILLITE : Dips @ 24 ± 30° 27 ± 30° 28 ± 50°						
						24 – 24.5 Core broken						
						23 – 30 contorted (irregularly) argillaceous limestone, [illegible] limestone	9719	25.0 – 30.0	5.[illegible]	0.2	1.3	0.08
	30	10	[illegible]	[illegible]		[illegible] 21-28 = 2.8 ; 28 – 30 = 2.8						
30						[illegible] Sp. Gr. 2.9	9720	30.0 – 34.0	4.0	0.3	0.6	0.04
							9704	34 – 40	6.0	2.8	7.0	0.32
	[illegible]	10	[illegible]	[illegible]		Sp. Gr. 2.6						
[illegible]						[illegible]	9705	40 – 49	9.0	0.6	1.2	0.[illegible]
						[illegible]						
						Sp. Gr. 2.9						
	[illegible]	10	[illegible]	[illegible]								

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Drill Hole Log

COMPANY [illegible] PROPERTY Mt. - Hundere ; S - Showing Section No. HOLE No. S-1

Started Jun 25 1963	Bearing	Lat.	Collar El. 4673.0	Logged by R. M. Durfee Date Jun 27 1963
Completed [illegible]	Angle from Horiz. [illegible]	Dep.	Bottom El. 4367.0	Remarks AX Core ; dips relative to horiz. axis of core
Driller [illegible]	Length 306'	Location Surface	Level	

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Description	Sample No.	From - To	Interval	ASSAY % Pb	ASSAY % Zn	ASSAY oz/T Ag
50	60	10	8.5	[illegible]	50'-53' Oxidized MINERALIZED Zone. 53'-57' Mineralization in limy horizon. PbS, ZnS, Sp. Gr. 2.9 — 57'-[illegible] [illegible] (57-58 [illegible]) [illegible] ± 60° with some skarn	9706	49 - 57	8.0	4.5	4.1	0.48
						9707	58.5 - 62.5	4.0	NIL	1.5	0.04
60	70	10	9.5	[illegible]	[illegible] Oxidized zone in LS with some skarn 62-63.5' Limestone Dips Vertical 63.5-66.5' Limy skarn Sp. Gr. 2.8 66'-70' Slatey argillite with siliceous band parallel to bedding. Dips 30°-40° Sp. Gr. 2.8	9708	63.5 - 67.5	4.0	NIL.	1.1	0.12
70	80	10	7.5	75	SLATEY ARGILLITE Dips 40°-60° Few narrow siliceous bands parallel to dips. Sp. Gr. 2.8						
80	90	10	8.0	80	SLATEY ARGILLITE Dips ± 50° Minor siliceous bands Sp. Gr. [illegible]						
90	100	10	8.5	85	SLATEY ARGILLITE Dips @ 91' - 55° @ 92' 1" siliceous band, @ 93' drag fold structure, @ 94' - 30°, @ 95' - 50°/60° 95-100' ± 60° & irregular minor siliceous bands Sp. Gr. 2.8						

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Drill Hole Log

COMPANY Frances River Mines PROPERTY Mt-Hundera; S-Showing Section No. HOLE No. S-1

Started Jun 25, 1963	Bearing	Lat.	Collar El. 4673.2	Logged by B.M. Dundas Date Jun 27, 63
Completed Jun 28, 1963	Angle from Horiz. -90°	Dep.	Bottom El.	Remarks Ax Core. : dips relative to
Driller T. Coppers	Length 306'	Location Surface	Level	horiz axis of core

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY % Pb	ASSAY % Zn	ASSAY oz/T Ag
100	110	10	10	100		SLATEY ARGILLITE : Dips @ 102' ± 50° 100 ÷ 103' SHEAR ZONE 103 - 107' CORE CONTORTED. Dips @ 107' ±70° @ 110' ±60° Sp. Gr. 2.8						
110	120	10	9.2	92		SLATEY ARGILLITE : Dips @ 113' ± 30° 110'-111' Broken core, 111'-112' core contorted & silicified. Dips @ 115' ±05° 118' ±60° @ 119 ±50° Sp. Gr. 2.8						
120	130	10	10	100		SLATEY ARGILLITE : Dips @ 120 ±50° 122'-124' core Broken @ 125 ± 35° @ 127 ± 30° Rust stain on fractures Sp. Gr. 2.7						
130	140	10	7.5	75		SLATEY ARGILLITE : Dips @ 131' 40° - 10° 134.5' - 139 - broken core 134' ±20° with arkosic intercalations 139.5 ±05° Sp. Gr. 2.8						
140	150	10	8.5	85		SLATEY ARGILLITE : Dips very irregular vary from 0° to 70° Intermittent arkose 140 -145 Chert from 146 -150 Sp. Gr. 2.8	9716	145-150	5.0	0.5	1.7	TR.

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Drill Hole Log

COMPANY Frances River Mines PROPERTY Mt.-Hundera - S-Showing Section No. HOLE No. S-1

Started Jun 25 1963	Bearing	Lat.	Collar El. 4673'±	Logged by B.M. Dudas	Date Jun 28, 1963
Completed Jun 28 1963	Angle from Horiz. -90°	Dep.	Bottom El.	Remarks AX Core ; dips relative to	
Driller T. Connors	Length 306'	Location Surface	Level	horiz. axis of core	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY % Pb	ASSAY % Zn	ASSAY oz/T Ag
150						150 - 153.5 oxidized and vuggy mineralized zone, large galena xtals.	9709	150 - 154.5	4.5	20.8	19.8	2.68
						153.5 - 155' limy skarn, sparsely mineralized	9715	154.5 - 157.0	2.5	NIL	0.1	TR.
						155-157 barren crystalline Ls — Sp.Gr. 2.7	9710	157.0 - 159.0	2.0	6.9	9.6	0.72
						157-159 sparsely mined skarn (PbS, ZnS)						
	160	10	7.5	75		159-160 barren Limestone. Sp.Gr. @ 151' = 2.8, 154 = 3.4, 157 = 3.5, 159 = 2.9	9713	159.0 - 161.5	2.5	0.1	0.1	0.04
160						160 - 161.5 Limestone, Dip ± 30°	9711	161.5 - 165.5	4.0	1.5	1.7	0.28
						161.5 - 163.5 crystalline Ls, with minor granular epidote sparse minor of PbS & ZnS, Sp.Gr. 2.9	9714	165.5 - 166.5	1.0	0.1	0.5	0.04
						163.5 - 170 argillaceous Ls, skarny from 167½ 169. Sp.Gr. 2.7, minor ZnS & PbS from 165 - 166.	9712	166.5 - 169.0	2.5	NIL	1.4	TR.
	170	10	9.3	93		Dips: 161' ± 45°, 169 ± 20°						
170						170 - 176 argillaceous Ls, Dips @ 171 = ±40°						
						176 - 180 altered skarn zone 174 = ±15° 177 = ±35						
	180	10	8.0	80		Sp Gr. @ 172' = 3.1, 175' = 2.8 178' = 2.7						
180						SLATEY ARGILLITE Dips @ 183' = ±50°						
						intermittent siliceous bands 187' = ±50°						
	190	10	9.5	95		Sp. Gr. 2.8						
190						SLATEY ARGILLITE Dips @ 194' - 40° 198 = 25°						
	200	10	10	100		Sp. Gr. 2.7						

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Drill Hole Log

COMPANY Frances River Mines PROPERTY Mt-Hundere - S Showing Section No. HOLE No. S-1

Started Jun 25 1963	Bearing	Lat.	Collar El. 4673.0	Logged by B.M. Dudas Date Jun 28, 63
Completed Jun 28 1963	Angle from Horiz. -90°	Dep.	Bottom El.	Remarks AX Core: dips relative to
Driller T. Connors	Length 306'	Location Surface	Level	horiz. axis of core

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY % Pb	ASSAY % Zn	ASSAY oz/T Ag
200						SLATEY ARGILLITE Dips ± 40°/30°						
						Minor siliceous bands						
	210	10	10	100		Sp. Gr. 2.9						
210						SLATEY ARGILLITE Dips ± 30°						
						217 - 220 argillaceous Ls						
?	220	10	9.0	90		Sp. Gr. 2.9						
220						ARGILLACEOUS LIMESTONE Dips ± 30°/40°						
						220 - 226 argill. Ls.						
						226 - 229 mineralized skarn (PbS, ZnS)						
						229 - 230 Limestone	9721	220 - 225.5	5.5	NIL	NIL	0.04
	230	10	9.0	90		Sp Gr @ 222 = 2.9 @ 227 = 3.2	9722	225.5 - 229	3.5	3.7	6.2	0.58
230						LIMESTONE 230 - 235'	9723	229 - 234	5.0	NIL	0.1	0.02
						ARGILLACEOUS LS 235' - 238 Dip 5° - 30°	9724	234 - 238	4.0	NIL	NIL	0.04
						238' - 240' Mineralized argill. Ls & SKARN	9725	238 - 240	2.0	1.9	2.3	0.38
						PbS & ZnS crystals						
	240	10	9.0	90		Sp. Gr. @ 232' = 2.7, 239' = 3.1						
240						ARGILLITE Dips ± 10° - 20°	9726	240 - 244	4.0	NIL	NIL	0.02
						SKARN 240' - 241'						
	250	10	9.0	90		Sp. Gr. 2.8						

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Drill Hole Log

COMPANY Frances River Mines PROPERTY Mt-Hundere ; S-Showing Section No. HOLE No. S-1

Started Jun 25 1963	Bearing	Lat.	Collar El. 4673.0	Logged by B. M. Dudas Date Jun 28/63
Completed Jun 28 1963	Angle from Horiz. -90°	Dep.	Bottom El.	Remarks Ax Core; Dips relative to
Driller T. Connors	Length 306'	Location Surface	Level	horiz. axis of core.

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
250						SLATEY ARGILLITE Dips ; 20°/50° silicified and skarny intersection from 250.5 to 253'				
	260	10	[illegible]	98		Sp. Gr. 2.6				
260						260'-262' slaty argillite Dips ± 10° 262'-270' (Limestone) argillaceous Ls				
	270	10	[illegible]	95		Sp Gr. 267' = 2.6				
270						LIMESTONE				
	280	10'	10	100		Sp. Gr. 2.6				
280						280'-285' LIMESTONE 285-290 SLATEY ARGILLITE Sprice PbS & ZnS @ 285.5' Dip @ 287' ±20° S.Gr. 287' = 2.8				
	290	10	[illegible]	95						
290						SLATEY ARGILLITE Dips ± 30°				
	300	10		95		Sp. Gr. 2.8				

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Drill Hole Log

COMPANY Frances River Mines PROPERTY Mt. Hundere ; S - Showing Section No. HOLE No. S-1

Started Jun. 25, 1963	Bearing	Lat.	Collar El. 4673.0'	Logged by B.M. Du	Date Jun 28/63
Completed Jun. 28, 1963	Angle from Horiz. -90°	Dep.	Bottom El. 4367.0'	Remarks Ax Core.	relative to
Driller T. Cowan	Length 306'	Location Surface	Level	horiz. axis	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY Oz.	ASSAY Oz/Ton	
300	306'	6	5.5	90		Shiny Argillite ; Dips ± 30° - 40° minor calcite & siliceous bands Sp. Gr. 2.8						
						END OF HOLE 306'						
						Summary of D.D.H. S-1						
						Total % Core rec'y : 91%						
						MINERALIZED						classification
								0 - 14.5				high grade
								34 - 40				MinzN
								49 - 57				MinzN
								150 - 154.5				MinzN
								157 - 159				MinzN
								161.5 - 165.5				MinzN
								166.5 - 169.0				MinzN
								225.5 - 229				MinzN
								239 - 240				MinzN

BURROUGHS PRINTING

Drill Hole Log

091095

COMPANY Frances River Mines PROPERTY Mt. Hunders : 5-Showing Section No. HOLE No. 5-2

Started [illegible]	Bearing	Lat.	Collar El. 1659.0'	Logged by R. M. Dundas	Date Jun 20/63
Completed Jun 20, 1963	Angle from Horiz. -90°	Dep.	Bottom El.	Remarks Ex Core : Dips relative to horizontal axis of core.	
Driller [illegible]	Length 243'	Location Surface	Level		

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY % Pb	ASSAY % Zn	ASSAY oz/Ton
0						0-3' oxidized ore zone, PbS, ZnS.	9727	0 - 5	5.0	14.8	21.6	2.78
						3'-9' Massive Galena & sphalerite - ore						
						9'-10' Altered mineralized skarn - ore.	9728	5 - 10	5.0	31.0	21.1	4.12
	10	10	[illegible]	[illegible]		Sp. Gr. @ 2' = 3.9 ; 5' = 5.0 ; 10' = 3.0						
10						MINERALIZED SKARN ZONE - ORE Galena & sphalerite	9729	10 - 15	5.0	16.4	27.9	2.22
							9730	15 - 20	5.0	26.2	31.0	3.52
	20	10	9.5	95		Sp. Gr. 4.5						
20						MINERALIZED SKARN ZONE - ORE Galena & sphalerite	9731	20 - 25	5.0	35.6	16.6	5.62
							9732	25 - 30	5.0	34.4	27.7	3.32
	30	10	9.7	97		Sp. Gr. 4.4						
30						30 - 34.5 Mineralized skarn - ore	9733	30 - 34.5	4.5	12.8	30.5	1.98
						34.5-37.0 Slaty argillite Dips ± 40°						
						37'-40' sandstone Dips ± 40°	9734	34.5 - 40	5.5	Nil	Nil	0.04
	40	10	10	100		Sp. Gr. : @ 32' = 3.3 ; 35' = 3.1 ; 38' = 2.8						
40						SLATE ARGILLITE 40 - 47.5 , Dips ± 50	9735	40 - 45	5.0	Nil	0.6	0.08
						45 - 50 Heavily oxidized mineralized zone - altered skarn - ore.	9736	45 - 47.5	2.5	Nil	1.8	0.08
						Sp. Gr. 45' = 2.9 ; 49' = 3.6	9737	47.5 - 50	2.5	12.2	15.5	1.92
	50	10	9.6	96								

BURROUGHS PRINTING

Drill Hole Log

COMPANY [illegible] River Mines PROPERTY Mt. Hundere : S-[illegible] Section No. HOLE No. S-2

Started [illegible] 1968	Bearing	Lat.	Collar El. 4159.2'	Logged by R.M. Davies Date [illegible] 20/68
Completed [illegible] 20 1968	Angle from Horiz. — 90°	Dep.	Bottom El.	Remarks AX Core : Dips relative
Driller [illegible]	Length 213'	Location Surface	Level	to horiz. axis of core.

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY % Pb	ASSAY % Zn	ASSAY oz/t Ag
50						Mineralized SKARN	9738	50-55	5.0	4.9	[illegible]	0.58
						Heavily oxidized & vuggy from 50' to 53' and from 54 - 58.6						
							9739	55-60	5.0	6.2	2.11	0.94
	60	10	8.2	83		Sp. Gr. 50-53 = 30; 53.5 = 3.8 ; 56 = 2.8						
60						[illegible] - 60.5 Mineralized skarn	9740	60-65	5.0	0.2	0.7	Tr.
						[illegible] - 66.5 Argillaceous Limestone						
						[illegible] - 70 SLATEY ARGILLITE. Dips ± 50°	9741	65-70	5.0	Nil	0.8	0.06
	70	1	8.5	85		Sp. Gr. 2.8						
70						SLATEY ARGILLITE : Dips ± 60°						
	80	10	9.3	93		Sp. Gr. 2.8						
80						SLATEY ARGILLITE : Dips ± 50°						
						Core broken, minor rust on fractures						
						End of BX core @ 85.5'						
						AX core from 85.5' to end of hole.						
	90	10	9.5	95		Sp. Gr. 2.8						
90						SLATEY ARGILLITE : Dips ± 20°						
	100	10	[illegible]	[illegible]		Sp. Gr. 2.8						

BURROUGHS PRINTING

Drill Hole Log

COMPANY Frances River Mines PROPERTY Mt. Hundere ; S- Showing Section No. HOLE No. S-2

Started Jun 23/63	Bearing	Lat.	Collar El. 4659.0'	Logged by B.M. Dudas Date July 1, 1963
Completed [illegible]	Angle from Horiz. -90°	Dep.	Bottom El.	Remarks AX Core ; dips relative to horiz. axis of core.
Driller T. Corrigan	Length 243'	Location Surface.	Level	

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY		
100	110	10	9.5	95		SLATEY ARGILLITE : Dips ± 30° Minor calcite & siliceous bands Sp. Gr. 2.7						
110	120	10	9.5	95		ARGILLITE Dips : ± 20° numerous siliceous bands, some parts skarn in appearance 114-117 Sp. Gr. 2.7						
120	130	10	9.7	97		SLATEY ARGILLITE Dips ± 20° intermittent skarn sections from 122'- 130'; few specs of minzn @ 128' PbS, ZnS Sp. Gr. 2.8						
130	140	10	9.0	90		130-132 Argillite Dips ± 10° 132-140 Limestone - some parts crystalline [illegible] badly broken from 136 to 139' bedding of Ls ≈ 0° Sp. Gr. 2.6						
140	150	10	9.0	90		140'-141' Limestone bedding 0° 141'-147' skarn 147'-148' argillaceous Ls Dips 40°-50° 148'-150' SLATEY ARGILLITE Sp. Gr. 2.8						

BURROUGHS PRINTING

Drill Hole Log

COMPANY Francis River Mines PROPERTY Mt. Hundere ; S-Showing Section No. HOLE No. S-2

Started [illegible] 1962	Bearing	Lat.	Collar El. 4659.0	Logged by B.M. Dudas Date July 1, 1963
Completed [illegible]	Angle from Horiz. −90°	Dep.	Bottom El.	Remarks AX Core ; dips relative
Driller T. Connors	Length 243'	Location Surface.	Level	to horiz. axis of core.

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	Description	Sample No.	From - To	Interval	Assay		
150	160	10	9.0	90		SLATEY ARGILLITE Dips ± 30° Core broken from 154' to 160' numerous siliceous & calcite bands up to ½" width Sp. Gr. 2.8						
160	170	10	9.0	90		SLATEY ARGILLITE Dips ± 10° core broken from 160'-168' Few siliceous & limy bands Sp. Gr. 2.9						
170	180	10	8.5	85		SLATEY ARGILLITE Dips ± 10° minor siliceous and calcite bands Sp. Gr. 2.8						
180	190	10	8.5	85		SLATEY ARGILLITE Dips ± 20° Few siliceous bands Sp. Gr. 2.8						
190	200	10	80	80		SLATEY ARGILLITE Dips ± 20° Few minor siliceous bands Sp. Gr. 2.8						

BURROUGHS PRINTING

Drill Hole Log

COMPANY [illegible] River Mines PROPERTY Mt.-Hundere; S-Showing Section No. HOLE No. S-2

Started	Jan [illegible] 1963	Bearing		Lat.		Collar El.	4659.2	Logged by	B.M. Dudas Date Jan 1/63
Completed	Jan 30 1963	Angle from Horiz.	-90°	Dep.		Bottom El.		Remarks	Ax Core; dips relative
Driller	[illegible]	Length	243'	Location	Surface	Level			to horiz. axis of core.

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	Description	Sample No.	From - To	Interval	Assay		
200	210	10	7.5	75		SLATEY ARGILLITE: Dips ±45° skarn from 208.5' to 210' Sp. Gr. 2.7						
210	220	10	8.0	80		ARGILLITE from 210' - 213' Dips ±45° to irregular. 213' - 220' Limestone Sp. Gr. 2.7						
220	230	10	10	[illegible]		LIMESTONE Sp. Gr. 2.7						
230	240	10	10	100		LIMESTONE 234' - 235' argillite 235' - 240' argillaceous ls w skarn intersections Sp. Gr. 2.7						
240	243'	3'	3'	100		Argillaceous Limestone w. skarny intersections, minor PbS & ZnS Mtl @ 242.5 for 2" in skarn. Sp. Gr. 2.7 END OF HOLE 243'						

BURROUGHS PRINTING

Drill Hole Log

COMPANY [illegible] PROPERTY Mt. Hundere – S-Showing Section No. HOLE No. S-2

Started Jun [illegible]/63	Bearing	Lat.	Collar El. [illegible]	Logged by B.M. Dubas Date July 1/63
Completed Jun [illegible]/63	Angle from Horiz. – 90°	Dep.	Bottom El.	Remarks Ax Core !
Driller T. [illegible]	Length 243'	Location Surface	Level	

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY			
						Summary of D.D.H. S-2							
						Total % core recy: 90%							
						MINERALIZED INTERSECTIONS !							Classification
								0 – 9	9'				High grade
								9 – 37	28'				Medium grade
								47.5 – 60.5	13'				Low grade

BURROUGHS PRINTING

SHEET 6 OF 6 SHEETS

Drill Hole Log

091095

COMPANY Frances River Mines PROPERTY Mt. Hundere - S-Showing Section No. HOLE No. S-3

Started Jun 30, 1963	Bearing N65°E	Lat.	Collar El. 4664.2	Logged by B. M. Dudas Date July 2/63
Completed July 2, 1963	Angle from Horiz. -45°	Dep.	Bottom El.	Remarks AX Core ; dips relative to
Driller T. Connors	Length 459'	Location Surface	Level	horiz. axis of core.

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
0	10	10				OVERBURDEN - 10'				
10	20	10	9.7	97		LIMESTONE Sp. Gr. 2.6				
20	30	10	9.8	98		LIMESTONE Sp. Gr. 2.6				
30	40	10	9.6	96		LIMESTONE ; 0-34' crystalline 37'-40' minor rust stain on broken core dipping @ ±10° @ 38' ± 20°, 39' ± 20° Sp. Gr. 2.6				
40	50	10	9.6	96		LIMESTONE 40'-42' & 45'-47' minor rust stain dip ± 10° Sp. Gr. 2.7				

BURROUGHS PRINTING

Drill Hole Log

COMPANY Francis River Mines PROPERTY Mt. Hundere - S-Showing Section No. HOLE No. S-3

Started Jun 30, 1963	Bearing N65°E	Lat.	Collar El. 4664.2	Logged by B.M. Dudas Date July 3, 1963
Completed July 3, 1963	Angle from Horiz. -45°	Dep.	Bottom El.	Remarks Ax Core: dips relative to
Driller T. Connors	Length 459'	Location Surface	Level	horiz. axis of core.

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	Description	Sample No.	From - To	Interval	Assay % Pb	Assay % Zn	Assay oz Ag
[illegible]	[illegible]	[illegible]	9.[illegible]	[illegible]		LIMESTONE Sp. Gr. 2.7						
[illegible]	70	10	9.8	9[illegible]		LIMESTONE Dip @ 67' ±15° Sp. Gr. 2.6						
70	80	10	9.[illegible]	9[illegible]		LIMESTONE Dip @ 70' ±15° Dips @ 76' ±25° @ 78' ±30° Sp. Gr. 2.6						
80	90	10	9.8	98		LIMESTONE argillaceous & skarn from 88' to 90' 89.0 - 89.5 minor galena & sphalerite Sp. Gr. 2.6						
90	100	10	9.5	95		SKARN ZONE - limy 93.5 - 99.5 Heavy galena & sphalerite in limy skarn matrix. 99.5 - 100' argillaceous limestone dip ±20° Sp. Gr. @ 93' = 3.3, @ 96 = 5.1; @ 98' = 3.3	9742 9743	90 - 95 95 - 100	5.0 5.0	12.1 22.1	16.5 24.3	2.38 3.02

BURROUGHS PRINTING

Drill Hole Log

COMPANY FRANCES RIVER MINES PROPERTY Mt. Hundere ; S-Showing Section No. HOLE No. S-3

Started JUN 30, 1962	Bearing N65°E	Lat.	Collar El. 4664.0	Logged by B.M. Dudas Date July 2, 1963
Completed July 2, 1962	Angle from Horiz. -45°	Dep.	Bottom El.	Remarks AX Core ; dips relative to horiz. axis of core.
Driller T. Connors	Length 459'	Location Surface.	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY % Pb	ASSAY % Zn	ASSAY oz/Ton
100						100'-103' argillaceous Limestone.	9744	100-105'	5'	Nil	0.7	0.06
						103'-110' slatey argillite dips ±10°						
						103'-106' core broken						
	110	10	9.8	98		Sp. Gr. 2.7						
110						110 - 112.5 slatey argillite dips ± 10°						
						112.5' - 120' limestone.						
	120	10	10	100		Sp. Gr. 2.7						
120						LIMESTONE						
	130	10	10	100		Sp. Gr. 2.7						
130						130 - 133.5 Limestone - argillaceous						
						133.5 - 139.5 skarn bands in argill. lime stone, sparse PbS & ZnS. dips ± 20° - 10°						
	140	10	9.5	95		Sp. Gr @ 132' = 2.7 @ 135' = 3.4.						
140						139.5 - 143' skarn in argillite Sp. Gr. 3.1						
						143 - 150 slatey argillite dips ±10°						
	150	10	8.5	85		Sp. Gr. 2.7						

BURROUGHS PRINTING

Drill Hole Log

COMPANY Francis River Mines PROPERTY Mt. Hundere; S-Showing Section No. HOLE No. S-3

Started [illegible]	Bearing N 65° E	Lat.	Collar El. 4664.0	Logged by B. M. Dudas Date July 2/63
Completed July 2 1963	Angle from Horiz. -45°	Dep.	Bottom El.	Remarks Ax-Core; dips relative to horiz. axis of core
Driller T. [illegible]	Length 450'	Location Surface	Level	

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	Assay % Pb	Assay % Zn	Assay oz/T Ag
150	160	10	8	80		SLATEY ARGILLITE; dips ± 10° core extensively broken Sp. Gr. 2.8						
160	170	10	9.5	95		SLATEY ARGILLITE; dips ± 10° minor rust stain on fractures few very narrow siliceous bands Sp. Gr. 2.8						
170	180	10	9.7	97		SLATEY ARGILLITE; dips ±05° Sp. Gr. 2.7						
180	190	10	9.4	94		SLATEY ARGILLITE; dips @ 180' ±5° limy skarn sections @ 186'-187' and 188'-190' @ 186 ± 20° Sp. Gr. @ 183' = 2.7 @ 189' = 2.9	9745	185-190	5.0	0.1	Nil	Tr.
190	200	10	9.6	96		MINERALIZED SKARN from 190.5 - 197' skarn & limy ± carries considerable galena & sphalerite 197'-200' argillaceous limestone. Sp. Gr. 3.7	9746	190-195	5.0	12.2	11.7	2.58
							9747	195-197	2.0	4.9	5.7	0.58
							9748	197-200	3.0	Nil	Nil	0.04

BURROUGHS PRINTING

Drill Hole Log

COMPANY Frances River Mines PROPERTY Mt. Hundere - 5-Showing Section No. HOLE No. 5-3

Started Jan. 30 1963	Bearing N65°E	Lat.	Collar El. 466 4.2	Logged by B.M. Dudas Date July 2, 1963
Completed July 3, 1963	Angle from Horiz. -45°	Dep.	Bottom El.	Remarks Ax-Core: dips relative to
Driller T. Connors	Length 459'	Location Surface	Level	horizontal axis of core.

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY		
200	210	10	9.3	92		SLATEY ARGILLITE, Dips ± 50° argillaceous to 200 - 202' skarn band (6") @ 205' Sp. Gr. 2.8						
210	220	10	9.2	90		SLATEY ARGILLITE Dips ± 20° Core broken from 210' - 213' Sp. Gr. 2.8						
220	230	10	9.3	92		SLATEY ARGILLITE Dips ± 15° Sp. Gr. 2.8						
230	240	10	8.5	85		SLATEY ARGILLITE Dips ± 20° Core broken Sp. Gr. 2.7						
240	250	10	8.9	90		SLATEY ARGILLITE Dips ± 20° Dip @ 241' 25° increasing to 90° @ 250' Core broken Sp. Gr. 2.8						

BURROUGHS PRINTING

Drill Hole Log

COMPANY FRANCES RIVER MINES PROPERTY Mt. Hundere ; S-Showing Section No. HOLE No. S-3

Started [illegible] 1963	Bearing N [illegible]	Lat.	Collar El. [illegible]	Logged by B.M. Dudas Date July 3, 1963
Completed [illegible] 1963	Angle from Horiz. -45°	Dep.	Bottom El.	Remarks AX Core; dips relative to horiz. axis of core.
Driller [illegible]	Length 459'	Location Surface	Level	

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY		
250	260	10	9.5	95		SLATEY ARGILLITE : Dips ±30° Few very minor silicious stringers Sp. Gr. 2.8						
260	270	10	9.2	92		SLATEY ARGILLITE : Dips ±40° core broken from 268-270'. Sp. Gr. 2.7						
270	280	10	8.7	87		SLATEY ARGILLITE : Dips ± 40-50° Sp. Gr. 2.8						
280	290	10	9.0	90		280-283' core badly broken, from: argillite continues into skarn zone, somewhat limy but barren. Sp. Gr. 2.7 283-288' SKARN, sparse PbS+ZnS from 2[illegible]' to 2[illegible]'. From 281' to 289' EX core. Sp. Gr. 3.1 288-290' slaty argillite Sp. Gr. 2.9						
290	300	10	9.0	90		290-295 slaty argillite with few skarn and limy intersections 295-300 Limestone -- Sp. Gr. 2.7 Sp. Gr. 2.7						

BURROUGHS PRINTING

Drill Hole Log

COMPANY Francis River Mines PROPERTY Mt.-Hundere; S-Showing Section No. HOLE No. S-3

Started Jun 30, 1963	Bearing N 65°E	Lat.	Collar El. 4664.0	Logged by B.M. Dudas Date July 3, 1963
Completed July 3, 1963	Angle from Horiz. -45°	Dep.	Bottom El.	Remarks Ax Core: Dips relative to
Driller T. Connors	Length [illegible]	Location Surface	Level	horiz. axis of core

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	Assay % Pb	Assay % Zn	Assay oz/T Ag
300	310	10	9.8	98		LIMESTONE - partly argillaceous 2" of skarn (barren) @ 305' Dips ± 15° Sp. Gr. 2.6						
310	320	10	7.5	75		SLATEY ARGILLITE Dips ±10°-20° Sp. Gr. 2.7						
320	330	10	8.2	81		320'-320.7' slatey argillite, Dips ± 10° 320.7-321' skarn 321-330 Limestone Sp. Gr. 2.7						
330	340	10	9.0	90		LIMESTONE Sp. Gr. 2.6						
340	350	10	9.3	93		LIMESTONE from 240-246' SKARN sparsely mineralized from 246-250' Sp. Gr. @ 243' = 2.7 @ 248' = 3.1	9759	345-350	5.0	2.6	3.5	[illegible]

Burroughs Printing

Drill Hole Log

COMPANY *Frances River Mines* PROPERTY *Mt. Hundere S-Showing* Section No. HOLE No. *S-3*

Started *[illegible]*	Bearing *[illegible]*	Lat.	Collar El. *4664.0*	Logged by *B. M. Dudas* Date *July 3, 1963*
Completed *[illegible]*	Angle from Horiz. *-45°*	Dep.	Bottom El.	Remarks *Ax Core: Dips relative*
Driller *[illegible]*	Length *459'*	Location *Surface*	Level	*to horiz. axis of core*

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	Assay %Pb	Assay %Zn	Assay Oz/T Ag
350	360	10	9.0	90		350-350.5 SKARN 350.5-360 argillaceous limestone sandstone texture 353'-360' Sp. Gr. 2.8	9750	350-355	5.0	Nil	0.6	0.08
360	370	10	9.3	93		360-367' argillaceous limestone 367-370' slatey argillite dips @ ±25° Sp. Gr. 2.7						
370	380	10	9.2	92		SLATEY ARGILLITE Dips ± 90° @ 375'-377 vertical @ 377'-380' ±40° Sp. Gr. 2.8						
380	390	10	9.5	95		SLATEY ARGILLITE DIPS ± 20° Few siliceous & calcite bands @ 390' ±30° Sp. Gr. 2.7						
390	400	10	9.0	90		SLATEY ARGILLITE Dips @ 391 ± 10° Dips: 392'-398' irreg. to vert. 398'-400' 60° - vert. Some siliceous bands Sp. Gr. 2.7						

BURROUGHS PRINTING

Drill Hole Log

COMPANY Frances River Mines PROPERTY Mt. Hundere S-Showing Section No. HOLE No. S-3

Started July 20, 1963	Bearing N 65°W	Lat.	Collar El. 4664.0	Logged by B. M. Dudas Date July 5, 1963
Completed July 2, 1963	Angle from Horiz. -45°	Dep.	Bottom El.	Remarks Ax Core; Dips relative to horiz. axis of core
Driller T. Connors	Length 459'	Location Surface	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
400	410	10	9.5	95		SLATEY ARGILLITE Dips. 400-405' irreg. to Vert. @ 410' ± 20° Some siliceous bands @ irreg. intervals Sp. Gr. 2.7				
410	420	10	8.8	88		SLATEY ARGILLITE: Dips 410-415' ± 10°-20° @ 415' varies from 20° to vert @ 420' Few siliceous bands Sp. Gr 2.7				
420	430	10	9.0	90		SLATEY ARGILLITE Dips ± 20°-30° Some siliceous & calcite bands Sp. Gr. 2.7				
430	440	10	9.0	90		SLATEY ARGILLITE Dips irreg. from 430'-435' @ 436' = 50°-60° 437 = 35°-70° Few limy bands in argillite Sp. Gr. 2.8				
440	450	10	6.5	65		Slaty argillite, numerous limy bands, core badly ground at 449' and core broken from 445-449', dips: 20°-30° Sp. Gr. 2.7				

BURROUGHS PRINTING

Drill Hole Log

COMPANY Flowers River Mines PROPERTY Mt. Hendere - S-Showing Section No. HOLE No. S-3

Started July 30 1963	Bearing N [illegible] E	Lat.	Collar El. 4664.2	Logged by B.M. Dudas Date July 3/63
Completed July 3, 1963	Angle from Horiz. -45°	Dep.	Bottom El.	Remarks Air Core : dips relative
Driller [illegible]	Length 450'	Location Surface	Level	to horiz. axis of core.

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY oz/Ag	ASSAY % Pb	ASSAY % Zn
450						SLATEY ARGILLITE Dips ± 30°						
						Few limy bands,						
						Sp. Gr. 2.7						
	450	9	30	100		END OF HOLE 450'						
						Summary of DDH S-3						
						Total % core recy = 92%						
						Mineralized intersections						
								90-100	10'			
								190-197	7'			

BURROUGHS PRINTING

Drill Hole Log

091095

COMPANY Frances River Mines PROPERTY Mt. Hundere ; S - Showing Section No. HOLE No. S-4

Started July 4, 1963	Bearing N 40° E	Lat.	Collar El. 4718'±	Logged by B. M. Dudas	Date July 6/63
Completed July 4, 1963	Angle from Horiz. -45°	Dep.	Bottom El.	Remarks All Core ; Dips relative to horiz. axis of core.	
Driller T. Connors	Length 90'	Location Surface	Level		

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY Pb %	ASSAY Zn %	ASSAY Ag oz/T.
0	10	10	0	0		OVERBURDEN						
10	20	10	4.0	40		SLATEY ARGILLITE Dips: core broken Sp. Gr. 2.7						
20	30	10	2.2	40		SLATEY ARGILLITE Dips ±10° core broken 25° @ 21' few siliceous & oxidized sections Sp. Gr.	9749	20'-30'	10'	Nil	0.1	.18
30	40	10	3.5	35		30'-32' slaty argillite 32'-40' oxidized skarn, mineralized with PbS & ZnS. core broken Sp. Gr. 3.1	9750	30'-35'	5'	0.6	1.2	0.04
							9751	35'-40'	5'	1.7	3.6	1.08
40	50	10	3.8	40		OXIDIZED SKARN, Mineralized PbS & ZnS, core broken Sp. Gr. 3.3	9752	40'-45'	5'	7.4	0.5	3.05
							9753	45'-50'	5'	[illegible]	17.1	[illegible]

Drill Hole Log

COMPANY Frances River Mines PROPERTY Mt. Hundere - S-Showing Section No. HOLE No. S-[illegible]

Started July 4, 1963	Bearing N 40° E	Lat.	Collar El. 4718.0	Logged by B.M. Dudas Date July 6/63
Completed July 6, 1963	Angl. from Horiz. -[illegible]°	Dep.	Bottom El.	Remarks [illegible] Core: [illegible] to horiz. axis of core.
Driller T. Conners	Length 90'	Location Surface	Level	

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	Assay % Pb	Assay % Zn	Assay [illegible]
50	60'	10'	1.0	10		Oxidized skarn, mineralized w. PbS & ZnS, core extremely broken Sp. Gr. —	9154	50'-60'	10'	5.7	9.5	1.88
60	70	10	3.5	35		60-66 oxidized min. skarn 66-70 limestone, crystalline Ls dips flat. Sp. Gr. 3.2 (skarn) Sp. Gr. 2.7 (L.s)	[illegible]	[illegible]	6'	3.6	8.2	[illegible]
							91[illegible]	[illegible]-70'	[illegible]	Nil	[illegible]	[illegible]
70	80	10	1.5	15		OXIDIZED MINERALIZED SKARN Sp. Gr. 3.1	[illegible]	70'-80'	10'	3.[illegible]	10.[illegible]	[illegible]
80	90	10	1.5	15		OXIDIZED MINERALIZED SKARN Hole blocked due to caving and stopped by [illegible] END OF HOLE @ 90'. Sp. Gr. 3.1	9155	80'-90'	10'	3.[illegible]	7.1	2.38
						Summary of D.D.H. S-4 Total % Core Rec'y = 29% Weak mineralization from 20-90 = 70'						

Drill Hole Log

COMPANY Francis River Mines PROPERTY Mt - Hundere S-Showing Section No. HOLE No. S - 5

Started July 6, 1963	Bearing N 40°E	Lat.	Collar El. 4718.2
Completed July 8, 1963	Angle from Horiz. -60°	Dep.	Bottom El.
Driller T. Connors	Length 149'	Location Surface	Level

Logged by B.M. Dudas Date July 8 1963

Remarks Ax Core: Dips relative to horiz. axis of core.

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	Description	Sample No.	From - To	Interval	Assay Pb	Assay Zn	Assay oz/T Ag
0	10	10	2.5	25		0'-6' rubble - no core rec'y 6'-10' slaty argillite, Dips: vert. @ 8', 5° @ 9', 25° @ 10' Sp. Gr. 2.7						
10	20	10	1.2	10		10'-16' slaty argillite ± 25° 16'-20' oxidized skarn Sp. Gr. 2.9 very minor miner. Core very badly broken and rusty Sp. Gr. 2.8	9761	10 - 20	10'	NIL	0.1	0.04
20	30	10	2.0	20		Skarn in oxidized zone visible actinolite Xtals minor galena & sphalerite in rust core broken Sp. Gr. 2.9	9762	20 - 30	10'	NIL	0.8	0.20
30	40	10	2.5	25		Skarn in oxidized zone core broken and rusty minor miner. & visible actinolite Xtals Sp. Gr. 2.9	9763	30 - 40	10'	1.6	6.9	1.02
40	50	10	6.0	60		Skarn in oxidized zone core broken, Sp. Gr. 3.1	9764	40 - 45	5'	3.9	17.5	[illegible]
							9765	45 - 50	5'	10.3	13.9	[illegible]

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Drill Hole Log

COMPANY Frances River Mines PROPERTY Mt. Hundere - S-Showing Section No. HOLE No. S-5

Started July 2, 1962	Bearing N 40°E	Lat.	Collar El. 4718.9	Logged by R.M. Dudas	Date July 8/63
Completed July 3, 1962	Angle from Horiz. -60°	Dep.	Bottom El.	Remarks Ax Core; dips relative to	
Driller T. Connors	Length 149'	Location Surface	Level	horiz axis of core	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY Pb	ASSAY Zn	ASSAY oz/Ton Ag.
50						Skarn, oxidized zone. mineralized PbS & ZnS. Core broken	9766	50 - 55	5.0	8.2	27.5	1.68
	60	10	4.0	40		Sp. Gr. 2.8 - 2.9	9767	55 - 60	5.0	9.0	12.5	1.52
60						Skarn, in oxidized zone. mineralized PbS & ZnS Core broken	9768	60 - 65	5.0	2.8	9.6	1.18
	70	10	5.0	50		Sp. Gr. 2.9	9769	65 - 70	5.0	3.5	10.2	1.92
70						Skarn in oxidized zone mineralized PbS & ZnS, Dips 30°@75' 70°@79' Core broken	9770	70 - 75	5.0	2.8	9.7	1.19
	80	10	4.5	45		Sp. Gr. 2.8	9771	75 - 80	5.0	2.1	13.4	2.23
80						SKARN - Limy Dip @ 83' = 30° Mineralized PbS & ZnS 89'-90' Limestone dip @ 25°	9772	80 - 85	5.0	2.8	11.1	1.48
	90	10	7.5	75		Sp. Gr. 2.9	9773	85 - 90	5.0	2.0	4.2	0.11
						SLATE? ARGILLITE Dips 20° @ 90' 10° - flat for 91'-96' 20° @ 98'						
	100	10	8.5	85		Sp. Gr. 2.7						

Drill Hole Log

COMPANY [illegible] River Mines PROPERTY Mt. Hundere ; S-Showing Section No. HOLE No. S-5

Started July [illegible]	Bearing N 40°E	Lat.	Collar El. 4718.2
Completed July [illegible] 1963	Angle from Horiz. -60°	Dep.	Bottom El.
Driller T. C[illegible]	Length 149'	Location Surface	Level

Logged by B. M. Dudas Date July 8, 1963

Remarks Ax Core ; Dips relative to horiz. axis of core.

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	Description	Sample No.	From - To	Interval	Assay		
100	110	10	9.5	95		SLATEY ARGILLITE Dips @ 104' = 30° @ 106' = 20° slightly epidotized @ 101.5' & @ 110'. Sp. Gr. 2.7						
110	120	10	9.5	95		SLATEY ARGILLITE Dips ± 10°-30° Sp. Gr. 2.7						
120	130	10	9.5	95		SLATEY ARGILLITE Dips ± 10°-30° Sp. Gr. 2.7						
130	140	10	9.5	95		SLATEY ARGILLITE Dips ± 30°-40° Sp. Gr. 2.7						
140	149	9	4.0	44		SLATEY ARGILLITE Dips: ± 40° to Vert. Core broken. Hole caved and blocked. Hole logged by S.J. [illegible] -END OF HOLE 149'						

BURROUGHS PRINTING

Drill Hole Log

COMPANY Francis River Mines PROPERTY Mt. Hundere S-Showing Section No. HOLE No. S-5

Started July 6, 1963	Bearing N 80°E	Lat.	Collar El. 4718.0	Logged by B. M. Dudas Date July 8, 1963
Completed July 8, 1963	Angle from Horiz. -30	Dep.	Bottom El.	Remarks Ax Core; Dip relative
Driller T. Conners	Length 149	Location Surface	Level	to horiz. axis of core.

Footage From	Footage To	Interval	Recovery Ft.	Recovery %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY		
						Summary of D.D.H S-5						
						Total % core rec'y = 56%						
						Weak mineralization in oxidized skarn zone from 16' - 89' = 73'						

SHEET 1 OF 1 SHEETS

* Assay results for Hole S-6 not available at time of mailing July 20/63

DD-9

Drill Hole Log

091095

COMPANY FRANCES RIVER MINES PROPERTY Mt. Hundere - S-Showing Section No. HOLE No. S-6

Started July 8, 1963	Bearing	Lat.	Collar El. 4717'	Logged by B.M. Dudas Date July 12, 1963
Completed July 11, 1963	Angle from Horiz. - 90°	Dep.	Bottom El.	Remarks Ax Core: dips relative to
Driller T. Connors	Length 205'	Location Surface	Level	horiz. axis of core.

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY oz/T Ag	ASSAY % Pb	ASSAY % Zn
0	10	10	0.5	5		Rubble; oxidized & soft Mineralized, PbS & ZnS.						
10	20	10	1.0	10		Rubble; oxidized & soft Mineralized, PbS & ZnS.						
20	30	10	1.0	10		20'-24' Rubble, minor mineralization 24'-30' Ls Rubble; in parts crystalline Sp. Gr.						
30	40	10	2.0	20		30'-35' Rubble; oxidized & soft. 35'-40' Limestone, in part crystalline Sp. Gr. 2.7	9774	0 - 35'	35'			
40	50	10	9.0	90		LIMESTONE Sp.Gr. 2.7						

BURROUGHS PRINTING

SHEET 1 OF SHEETS

Drill Hole Log

COMPANY FRANCES RIVER MINES PROPERTY Mt. Hundre; S-Showing Section No. HOLE No. S-6

Started July 8 1963	Bearing	Lat.	Collar El. 4717	Logged by B.M. Dudas	Date July 12/63
Completed July 11 1963	Angle from Horiz. -90	Dep.	Bottom El.	Remarks Ax Core: Dips relative to horiz. axis of core.	
Driller T. Connors	Length 205'	Location Surface	Level		

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
50	60	10	8.0	80		LIMESTONE Sp. Gr. 2.6				
60	70	10	8.0	80		LIMESTONE; CRYSTALLINE Sp. Gr. 2.5				
70	80	10	6.0	60		70-73 Crystalline Ls rubble 73-78 Bedded Ls, Dips ±20° Sp. Gr. 2.6 78-80 Limy argillite Dips ±15° @ 78' minor epidote 75° @ 80' Sp. Gr. 2.8				
80	90	10	5.0	50		Slatey argillite, dips @ 81' = ±20° Core broken @ 84' = ±30° minor epidote on fracture planes. @ 85' ± 30° @ 89 ± 75' Sp. Gr. 2.8				
90	100	10	9.5	95		90'-94' slatey argillite with limy skarn intersections: Dips @ ± 60° minor PbS & ZnS. Sp. Gr. 2.9 94'-100' Bedded Ls, Dips ± 50° Sp. Gr. 2.6				

BURROUGHS PRINTING

Drill Hole Log

COMPANY Francis River Mines PROPERTY Mt. Hundere, S-Showing Section No. HOLE No. S-6

Started July 8, 1963	Bearing	Lat.	Collar El. 4717	Logged by B. M. Dudas Date July 12/63
Completed July 11, 1963	Angle from Horiz. -90°	Dep.	Bottom El.	Remarks Ax Core : Dips relative
Driller T. Connors	Length 205	Location Surface	Level	to horiz. axis of core.

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY oz/T Ag	ASSAY % Pb	ASSAY % Zn
100						100 – 106 Bedded Ls, dips irreg. Rubble from 103 – 105						
	110	10	9.0	90		106 – 110 Ls, dips @ 98' ± 20° @ 100' ± 40° Sp. G. 2.7						
110						Limestone dips @ 113' ± 40° 116 ± 50° 119 ± 80°						
	120	10	9.0	90		Sp. Gr. 2.7						
120						Limestone dips @ 121' ± 60° 126 ± 30° 128 ± 50° 130 ± 50°						
	130	10	9.5	95		Sp. Gr. 2.7						
130						Limestone dips @ 132' ± ± 50° @ 136' ± 30° @ 139' ± 50°						
						139' – 140' skarn sparse PbS & ZnS						
	140	10	9.0	90		Sp. Gr. 2.7						
140						140' – 145' skarn, sparse PbS & ZnS dip @ contact (140') ± 30° @ 145' ± 50° Sp. Gr. 3.1	9775	139-145	6			
						145' – 150' slatey argillite ± 30°						
	150	10	9.0	90		Sp. Gr. 2.6						

BURROUGHS PRINTING

Drill Hole Log

COMPANY FRANCES RIVER MINES PROPERTY Mt. Hundere; S-Showing Section No. HOLE No. S-6

Started July 8/1963	Bearing	Lat.	Collar El. 4717	Logged by B.M. Dudas Date July 12/63
Completed July 11/63	Angle from Horiz. — 90°	Dep.	Bottom El.	Remarks Ax Core; Dips relative to horiz. axis of core.
Driller T. Connors	Length 205'	Location Surface	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY
150	160	10	6.0	60		SLATEY ARGILLITE; Dips 152' = 60°; 154' = ± 50°; 160' = ± 20° broken from 152 to 156, Sp. Gr. 2.7				
160	170	10	6.0	60		SLATEY ARGILLITE 160.5' ± 10°, 165' = ± 20°. minor siliceous bands & few epidote on fractures Sp. Gr. 2.7				
170	180	10	4.0	40		SLATEY ARGILLITE Dip @ 179 ± 60° core badly broken Sp. Gr. 2.7				
180	190	10	6.0	60		SLATEY ARGILLITE Dip @ 185' ± 80° Sp. Gr. 2.7				
190	200	10	6.5	65		SLATEY ARGILLITE Dip @ 190 ± 25° Few siliceous bands, epidote @ 196' & 198' Sp. Gr. 2.7				

BURROUGHS PRINTING

Drill Hole Log

COMPANY Frances River Mines PROPERTY Mt. Hundere S-Showing Section No. HOLE No. S-6

Started July 8, 1963	Bearing	Lat.	Collar El. 4717	Logged by B.M. Dudas Date July 12/63
Completed July 11/63	Angle from Horiz. – 90	Dep.	Bottom El.	Remarks Ax Core; Dips relative to horiz. axis of core.
Driller T. Connors	Length 205'	Location Surface	Level	

Footage From	Footage To	Interval	RECOVERY Ft.	RECOVERY %	Graphic Log	DESCRIPTION	Sample No.	From - To	Interval	ASSAY oz/T Ag	ASSAY % Pb	ASSAY % Zn	
200													
	2.05	5	1.5	30		Skarn – numerous quartz pods & actinolite. Core broken, not mineralized. Sp. Gr. 2.7							
						END OF HOLE @ 205'							
						Summary of D.D.H. S-6							
						Total % Core rec'y = 61%							
						Mineralized intercepts							Classification
								0 – 35	35				MINZN
								139 – 145	6				MINZN

BURROUGHS PRINTING

DD-9

N

CAMP & CORE STORAGE

TOTE ROAD

TO ROSS RIVER-WATSON LAKE HIGHWAY

JP #4 79574

JP #3 79575

JP #2 79574

JP #1 79573

NORTH SHOWING

PJ #1 79569

PJ #2 79570

PJ #3 79571

PJ #4 79572

SOUTH SHOWING

LOCATION MAP SHOWING

Showing Claims & Core Storage

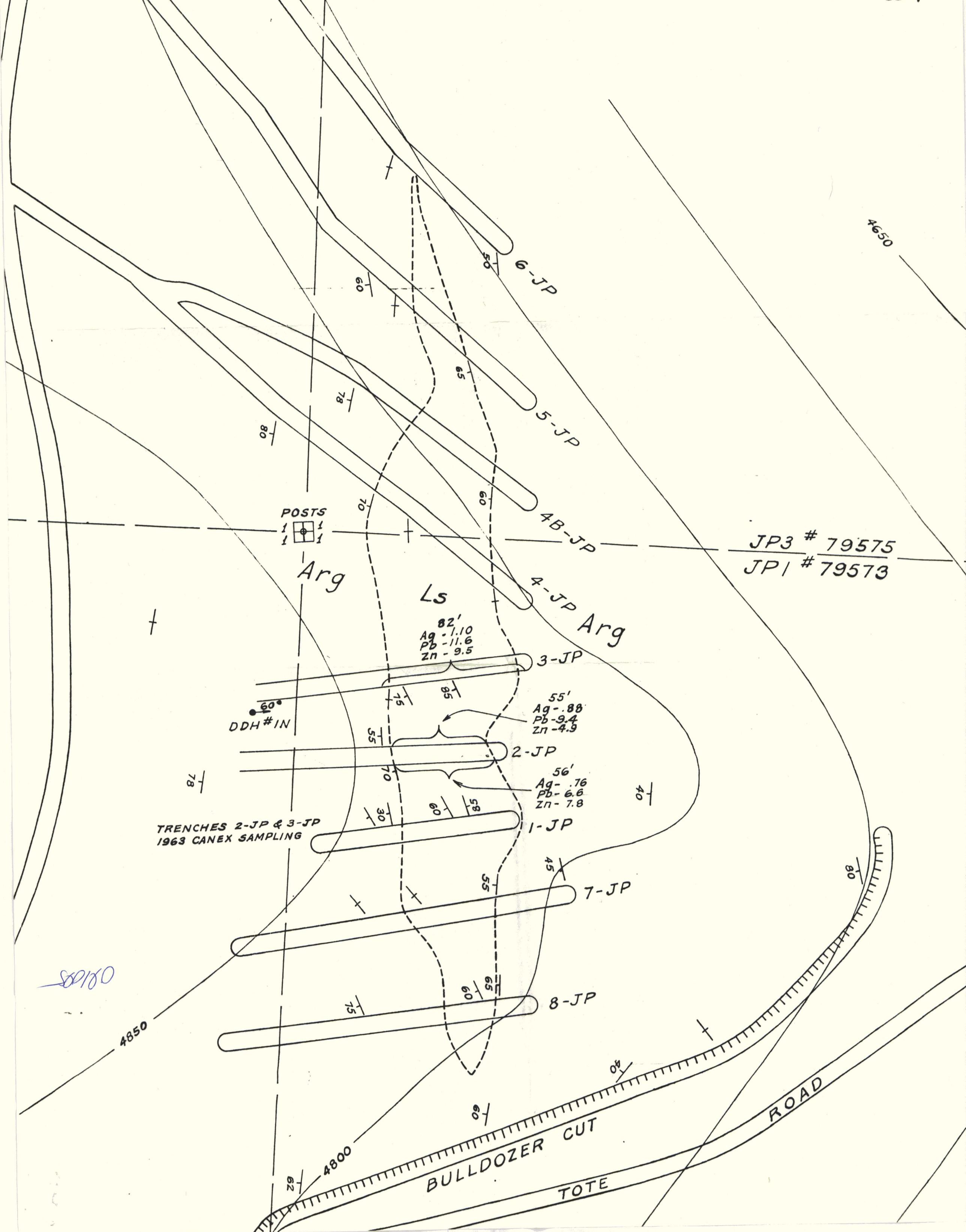
Francis River Syndicate - 1963

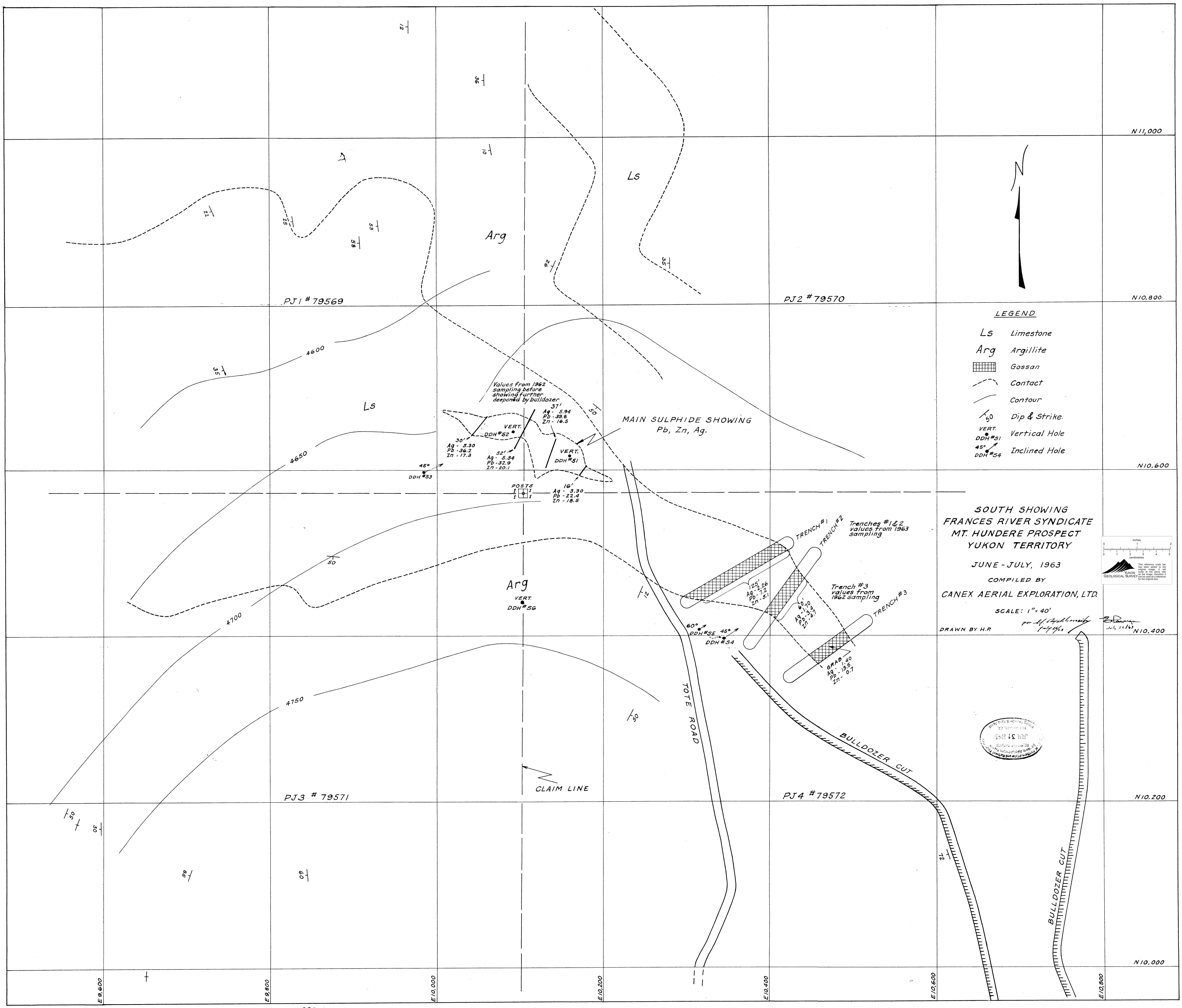
JOB 63-20

FRANCES RIVER Y.T.

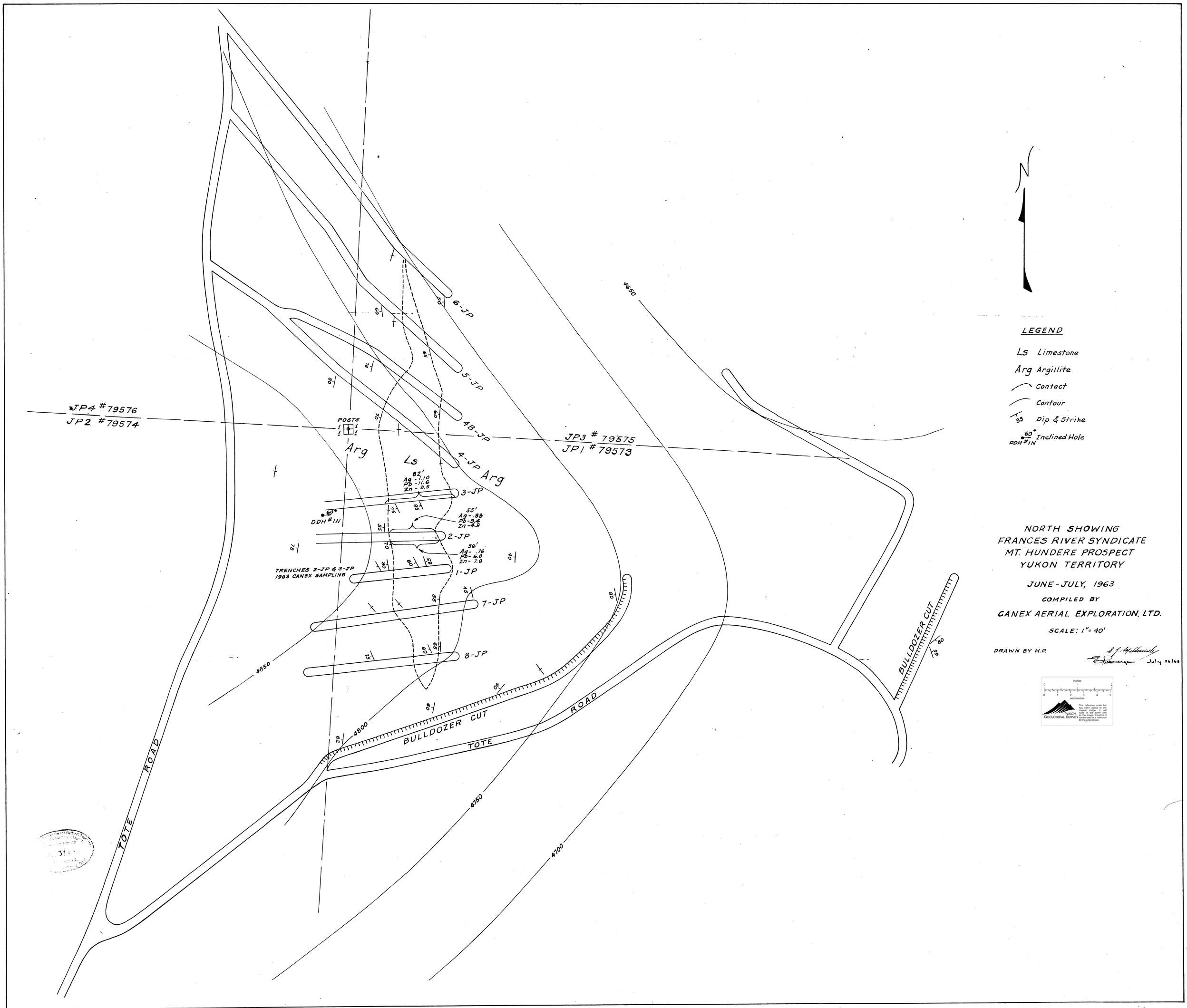
Scale 1000ft = 1in. V.I. 50ft

Department of Northern Affairs and National Resources
Mining Administration Branch
RESOURCES DIVISION
JUL 29 1963
WATSON LAKE, Y.T.
Mining Recorder's Issue Number


6-JP
5-JP
4B-JP
4-JP
JP3 # 79575
JP1 # 79573
POSTS
Arg
Ls
Arg
82'
Ag - 1.10
Pb - 11.6
Zn - 9.5
3-JP
55'
Ag - .88
Pb - 9.4
Zn - 4.9
2-JP
56'
Ag - .76
Pb - 6.6
Zn - 7.8
1-JP
7-JP
8-JP
DDH #1N
TRENCHES 2-JP & 3-JP
1963 CANEX SAMPLING
4650
4850
4800
BULLDOZER CUT
TOTE
ROAD


SOUTH SHOWING
FRANCES RIVER SYNDICATE
MT. HUNDERE PROSPECT
YUKON TERRITORY
JUNE - JULY, 1963
COMPILED BY
CANEX AERIAL EXPLORATION, LTD.
SCALE: 1" = 40'
DRAWN BY H.P.
LEGEND
Ls Limestone
Arg Argillite
Gossan
Contact
Contour
Dip & Strike
Vertical Hole
Inclined Hole
N
MAIN SULPHIDE SHOWING
Pb, Zn, Ag.
Values from 1962 sampling before showing further deepened by bulldozer
37' Ag - 5.94 Pb - 39.8 Zn - 16.5
30' Ag - 5.30 Pb - 36.2 Zn - 17.3
52' Ag - 5.34 Pb - 32.9 Zn - 20.1
16' Ag - 3.30 Pb - 22.4 Zn - 18.5
VERT. DDH #52
VERT. DDH #51
45° DDH #53
POSTS
TRENCH #1
TRENCH #2
TRENCH #3
Trenches #1 & 2 values from 1963 sampling
Trench #3 values from 1962 sampling
125' Ag - 2.26 Pb - 7.2 Zn - 5.1
60' Ag - 1.70 Pb - 3.4 Zn - 4.7
GRAB Ag - 1.40 Pb - 13.5 Zn - 0.7
60° DDH #55
45° DDH #54
VERT. DDH #56
Ls
Arg
4600
4650
4700
4750
TOTE ROAD
BULLDOZER CUT
CLAIM LINE
PJ1 #79569
PJ2 #79570
PJ3 #79571
PJ4 #79572
N11,000
N10,800
N10,600
N10,400
N10,200
N10,000
E9,600
E9,800
E10,000
E10,200
E10,400
E10,600
E10,800

091095


N
LEGEND
Ls Limestone
Arg Argillite
Contact
Contour
Dip & Strike
Inclined Hole
NORTH SHOWING
FRANCES RIVER SYNDICATE
MT. HUNDERE PROSPECT
YUKON TERRITORY
JUNE-JULY, 1963
COMPILED BY
CANEX AERIAL EXPLORATION, LTD.
SCALE: 1" = 40'
DRAWN BY H.P.
July 26/63
JP4 # 79576
JP2 # 79574
JP3 # 79575
JP1 # 79573
POSTS
Arg
Ls
82'
Ag - 1.10
Pb - 11.6
Zn - 9.5
55'
Ag - .88
Pb - 9.4
Zn - 4.3
56'
Ag - .76
Pb - 6.6
Zn - 7.8
DDH #1N
TRENCHES 2-JP & 3-JP
1963 CANEX SAMPLING
1-JP
2-JP
3-JP
4-JP
4B-JP
5-JP
6-JP
7-JP
8-JP
4850
4800
4750
4700
4650
BULLDOZER CUT
TOTE ROAD
inches
centimetres
YUKON GEOLOGICAL SURVEY
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

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