



Diamond Drilling

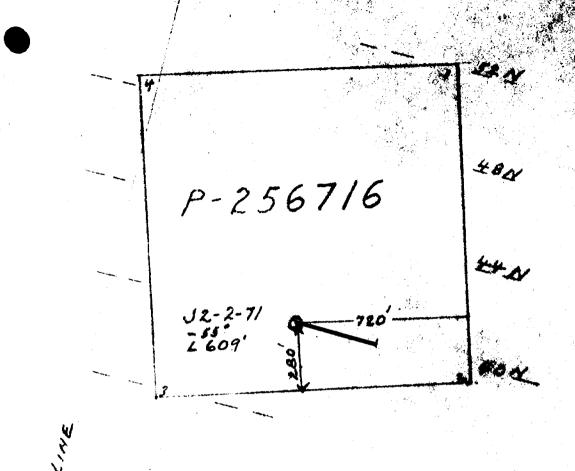
Township of JESSOP

Repor Nº 27

Work performed by: Hollinger Mines

Claim Nº	Hole No	Footage	Date	Note
		-		
P 256716	J2-2-71	609.01	June/71	

Notes:



Started - June 10/7/ Finished - June 21/7/ Wire Une - A.Q. Core

PLAN OF DDH J2-2-7/ JESSOP*2 GROUP, JESSOP TWF. CLAIM*P-256716 Scale-1" 400

HOLLINGER MINES LIMITED
TIMMINS, ONTARIO

ocation	of	Collar	from	#2-P256716	Horth	280*	
• •		•		FORM \$22	\.est	7201	
				NORTH XI LON		•	

HOLE NO.	J2-2-71	
COMMENC	ED_June10_1071	
FINISHED	June 10 1071	
PURPOSE	DF	
HOLE	Test FM conductor	

PROPERTY Jessop #2 Group

	1	·	CORE SAMPLES				DESCRIPTION OF CAUSE	
FROM	то	DESCRIPTION	FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
2	14.6	Casing						Au Ag.
146	280.6	Massive dacite - carbonatized	150	155		5		dacite - 15% qts.
		commonly speckled with rhombs of calcite.	165	170		5		" - 50% qtz
		In some sections the rhombs weather out	175	180		5		" - 30% qts
		leaving a pitted weathered surface on the	180	185		5		* - 30% qtz
		core.	185	190		5		" - 30% qts
		There is also a high silica content	190	195		5		* - 50% qtz
		throughout this zone the dacite is often	n 195	200		5		* - 10% qtz
		cut by milky quarts-CO3 stringers. When	210	215		5		" - 15% qtz
		the core is cut by quarts stringers - the	215	200		5		* - 20% qtz.
		quarts is bluish in colour and somewhat	220	225		5		" - 40% qtz
		translucent.	230	235		5		" - 30% qtz
		The dacite is brecciated locally	245	250		5		" - 30% qts
		having large (l") fragments in a matrix	260	265		5		bx dacite - 30% qts.
		that is mostly chloritic. Such a section						
		254-255, 261-266.				*		
		278.8 - 280.6 the latter section has a		. '		2 -		
		matrix of mainly graphite.						•
	<u> </u>	The dacite itself is grey in colour						
		containing an average of about 5% pyrite						•
		over the entire sone.			·			
		Speck of pyrrhotite @ 163.5						•
		negligible sinc.						
280.6	296	Short graphitic sone - 15% py minor						

Jessop Report # 27

zinc with the pyrite.

- 85% graphite and carbonate.

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				Jessop	Twp.	

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	1	·		c	ORE SAMP	LES		
FROM	то	DESCRIPTION	FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
296	308.1	Massive decite - similar to			<u> </u>			Cu Zn Ni Au Ag.
		previous zone containing py and	285	290		5		graphite - 15% py + sinc
		carbonate. Contacts ground.	315	320		5		pebbly greywacke - 7% py
308.1	352.5	pebbly greywacks (or crystal tuff?)						
		-t is zone consists of numerous subrounded						
		carbonaceous fragments? (or replaced						
		crystals?) in a matrix that is mainly						
		graphite. Locally the core axis is pitted						
		due to the weathering of these carbonate						
		occurrences.						
		There are also bands of graphite as						
		well as some fragments? (or portions						
		of unreplaced matrix?). These fragments						
		are very irregular in shape and rarely						
		are greater than in across.						
		Insome of the sections of bands of graphic	e-					
		crumpling of the banding is noted. There						
		is a general lineation at 45° to the Core						
		Axis.			<u> </u>			
		Pyrite is the only mineral identified						
		and comprises approximately 7% of the rock						
		This zone is thought to be sedimentar	7					
		since it grades into the more typical bande	d					
		reywacke sediment with some graphite.						
		Jessop Report #17		1			\	

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PURPOSE C		
HOLE	/r	

PROPERTY Jessop #2 Group
Jessop Township

		·		C	ORE SAMP	LES			
ROM	то	DESCRIPTION	FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE	
352.5	358.3	2 small lamprophyre dykes separated by							
		1" of sediment @ 355' contacts are at							
		60° to the core sxis.						`	
		The dykes are largely composed of feldspar							
		containing numerous blebs of a mixture of							
		green fuchsitic mica and chlorite no min-							
		ersligation.							
358.3	609	Sediments - generally the argillitic							
		type containing mostly graphite but having	,						
		some pyrite and carbonate.							
		This argillite is banded at 30° to the							
		Core Axis. Banding is often contorted							
		probably due to slumping.Mineralization							
		is confined to pyrite in cubic habit							
		without the sine association of the previous	usly						
		described section.							
		There are a few small pebbly horisons	er .			1	* .		
		Kl tuffs and one large zone. 395.6 -396.							
		.18.3 - 498.6 - In the large section the							
		grain size is such smaller than previous						•	
		and po is commonly found with the pyrite.							
		The carbonate is still present in this							
		10wever.							
		In the strongly graphitic horison							
		near the contact with the pebbly material							
		you start to see small rhombs of carbonate							

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FROM	FROM T		DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			appearing in the graphite. After 500	FROM	то	RECOV.	WIDTH	ASSAY	Cu. Zn. Ni Au Ag
			the second zone of graphite is much more	465	470		5		pebbly horizon-some po py
			strongly banded than the first. The pyrit						co3 - minor qts
			is still in the cubic habit although some	525	530		5		graphitic sone - CO ₃ - 10% ;
			of the crystals become very light in colou	-					
			Banding here is at 45° to the Core Axis.						
			Much more carbonate bands here						
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·		609	END OF HOLE						
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									HOLLINGER MINES LIMITED
									TIMMINS, ONTARIO

Jessop Report #27

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DIAMOND DRILL REPORT	FINISHED
	PURPOSE OF
	HOLE
PROPERTY Jessop #2 Croup	
Jesson Twp.	

HOLE NO.

COMMENCED_

·			Jessop Twp.					
FROM	TO DESCRIPTION			C	ORE SAMP			
		FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE	
		Geochemistry and Thin Section.						
7005	1501	Massive dacite - CO ₃ - pyrite	+ Au					
006	2001	Massive dacite - CO ₃ - pyrite	+ Au				·	
007	2501	Massive dacite - CO ₃ - Minor py	+ Au					
008	3001	Massive dacite - CO, - Pyrite	+ Au					
007	3251	Pebbly greywacke or X1 tuff py + zinc				-		
010	3551	lamprophyre? - with mica no min.						·
011	4001	graphitic sediment_argillite_pyrite						
012	4501	pebbly greywacke sediment - CO - py.						
013	5001	graphitic sediment-banded-CO ₃ - py	+ Au					
014	5501	graphitic sediment-banded-CO ₂ - py	+ Au					
015	6001	graphitic sediment-banded-CO, - py	+ Au					
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